

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131070.D
 Acq On : 08 Nov 2022 16:54
 Operator : CG\JU
 Sample : N5479-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/09/2022
 Supervised By : Jagrut Upadhyay 11/09/2022

Quant Time: Nov 08 17:38:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	68482	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	238942	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	127672	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	197321	20.000	ng	0.00
76) Chrysene-d12	14.092	240	147214	20.000	ng	0.00
86) Perylene-d12	15.586	264	193874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	563916	132.781	ng	0.02
7) Phenol-d6	6.534	99	651422	125.668	ng	0.00
23) Nitrobenzene-d5	7.469	82	448698	87.044	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	178707	127.136	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	780528	83.317	ng	0.00
79) Terphenyl-d14	13.027	244	749532	81.629	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.869	88	97637	48.358	ng	Qvalue # 82
3) Pyridine	3.587	79	181823	32.396	ng	95
4) n-Nitrosodimethylamine	3.528	42	144599	45.817	ng	91
6) Aniline	6.563	93	128187	19.884	ng	95
8) 2-Chlorophenol	6.687	128	216581	45.843	ng	98
9) Benzaldehyde	6.457	77	104206	34.801	ng	96
10) Phenol	6.545	94	244743	40.291	ng	92
11) bis(2-Chloroethyl)ether	6.640	93	216496	49.134	ng	99
12) 1,3-Dichlorobenzene	6.845	146	235206	45.238	ng	97
13) 1,4-Dichlorobenzene	6.922	146	229036	42.300	ng	97
14) 1,2-Dichlorobenzene	7.069	146	245326	46.354	ng	98
15) Benzyl Alcohol	7.045	79	204497	45.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	385537	50.314	ng	99
17) 2-Methylphenol	7.151	107	177631	44.939	ng	97
18) Hexachloroethane	7.410	117	94531	46.084	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	157345	42.593	ng	98
20) 3+4-Methylphenols	7.304	107	199307	38.990	ng	# 82
22) Acetophenone	7.310	105	302033	47.479	ng	# 90
24) Nitrobenzene	7.487	77	239962	45.388	ng	97
25) Isophorone	7.722	82	445127	50.379	ng	98
26) 2-Nitrophenol	7.798	139	108597	48.231	ng	89
27) 2,4-Dimethylphenol	7.834	122	173418m	49.847	ng	
28) bis(2-Chloroethoxy)met...	7.934	93	270988	55.534	ng	98
29) 2,4-Dichlorophenol	8.045	162	164206	43.824	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	194079	47.503	ng	99
31) Naphthalene	8.210	128	553867	42.414	ng	99
32) Benzoic acid	7.957	122	112321	47.393	ng	95
33) 4-Chloroaniline	8.251	127	69688	13.647	ng	96
34) Hexachlorobutadiene	8.322	225	127115	47.658	ng	99
35) Caprolactam	8.628	113	47149m	41.013	ng	
36) 4-Chloro-3-methylphenol	8.739	107	189802	46.933	ng	98
37) 2-Methylnaphthalene	8.898	142	375478	45.194	ng	100
38) 1-Methylnaphthalene	8.998	142	341681	43.071	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	203945	49.557	ng	99
41) Hexachlorocyclopentadiene	9.051	237	185630	97.858	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	116678	42.512	ng	98

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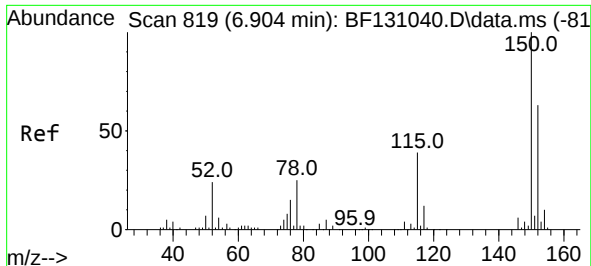
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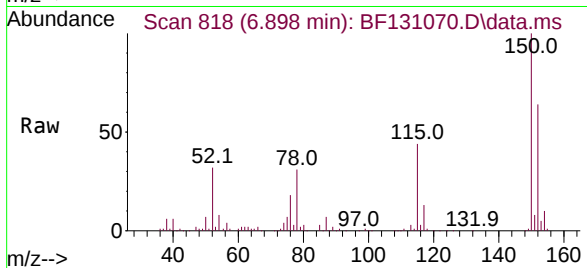
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	131220	42.637	ng	97
46) 1,1'-Biphenyl	9.363	154	459317	46.189	ng	98
47) 2-Chloronaphthalene	9.392	162	362943	45.019	ng	98
48) 2-Nitroaniline	9.486	65	126935	42.839	ng	92
49) Acenaphthylene	9.810	152	569353	45.956	ng	99
50) Dimethylphthalate	9.663	163	368639	37.362	ng	100
51) 2,6-Dinitrotoluene	9.728	165	93739	44.659	ng	91
52) Acenaphthene	9.981	154	330160	43.521	ng	100
53) 3-Nitroaniline	9.898	138	50635	22.351	ng	88
54) 2,4-Dinitrophenol	10.010	184	78278	74.062	ng	95
55) Dibenzofuran	10.151	168	442672	43.100	ng	95
56) 4-Nitrophenol	10.063	139	113995	71.294	ng	93
57) 2,4-Dinitrotoluene	10.133	165	107565	39.445	ng	92
58) Fluorene	10.498	166	359156	39.152	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	98833	39.420	ng	97
60) Diethylphthalate	10.369	149	404452	39.333	ng	98
61) 4-Chlorophenyl-phenylether	10.486	204	179091	39.416	ng	91
62) 4-Nitroaniline	10.516	138	73217	31.529	ng	90
63) Azobenzene	10.651	77	380040	38.024	ng	98
65) 4,6-Dinitro-2-methylphthalate	10.545	198	44962	35.909	ng	93
66) n-Nitrosodiphenylamine	10.610	169	317252	45.501	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	118242	47.693	ng	93
68) Hexachlorobenzene	11.045	284	122999	45.738	ng	97
69) Atrazine	11.133	200	106259	53.574	ng	99
70) Pentachlorophenol	11.239	266	112809	96.683	ng	97
71) Phenanthrene	11.463	178	487498	43.862	ng	99
72) Anthracene	11.516	178	482101	44.192	ng	99
73) Carbazole	11.675	167	391071	41.898	ng	99
74) Di-n-butylphthalate	11.998	149	520765	41.655	ng	99
75) Fluoranthene	12.657	202	451659	38.284	ng	98
77) Benzidine	12.780	184	73899	18.610	ng	98
78) Pyrene	12.886	202	478120	35.661	ng	100
80) Butylbenzylphthalate	13.504	149	219816	41.616	ng	97
81) Benzo(a)anthracene	14.080	228	498929	46.676	ng	98
82) 3,3'-Dichlorobenzidine	14.039	252	122688	42.238	ng	96
83) Chrysene	14.116	228	464556	45.765	ng	99
84) Bis(2-ethylhexyl)phthalate	14.057	149	290312	47.976	ng	99
85) Di-n-octyl phthalate	14.674	149	543854	63.068	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	422943	27.548	ng	97
88) Benzo(b)fluoranthene	15.151	252	609583	43.267	ng	98
89) Benzo(k)fluoranthene	15.180	252	578766	42.164	ng	100
90) Benzo(a)pyrene	15.527	252	542310	48.416	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	346681	27.521	ng	98
92) Benzo(g,h,i)perylene	17.586	276	317253	25.090	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

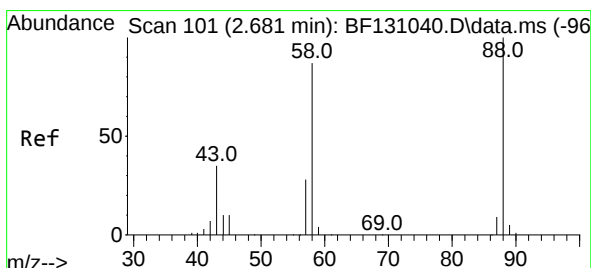
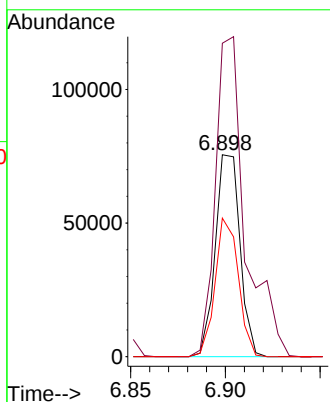
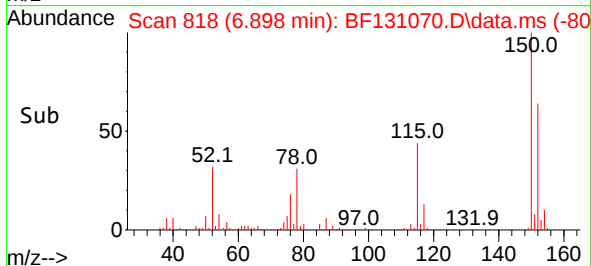
Instrument :
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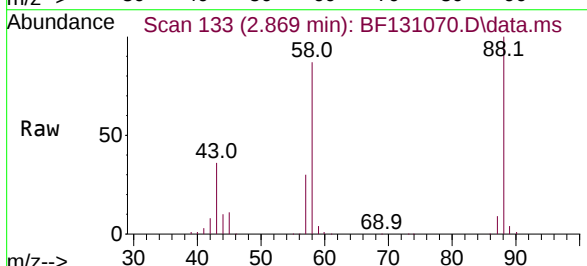
Tgt Ion:152 Resp: 68482
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 68.6 49.1 73.7

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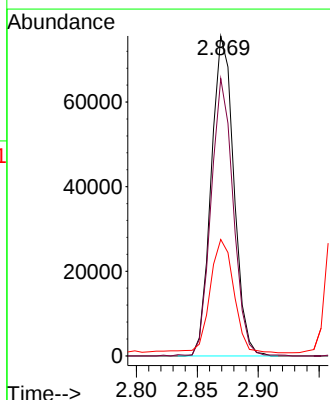
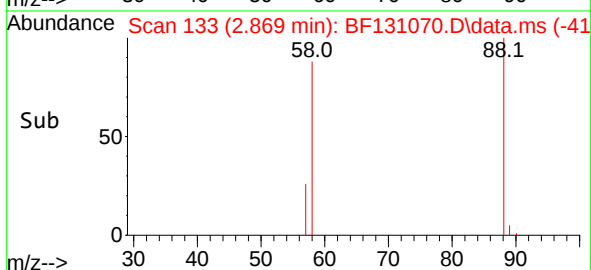
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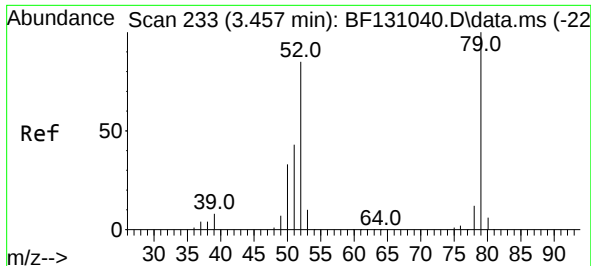


#2
1,4-Dioxane
Concen: 48.358 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.188 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



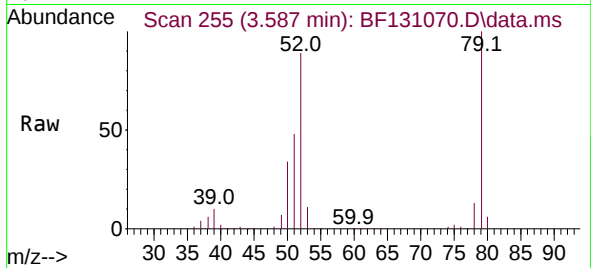
Tgt Ion: 88 Resp: 97637
Ion Ratio Lower Upper
88 100
58 85.3 68.7 103.1
43 0.0 28.6 43.0#





#3
Pyridine
Concen: 32.396 ng
RT: 3.587 min Scan# 211
Delta R.T. 0.130 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

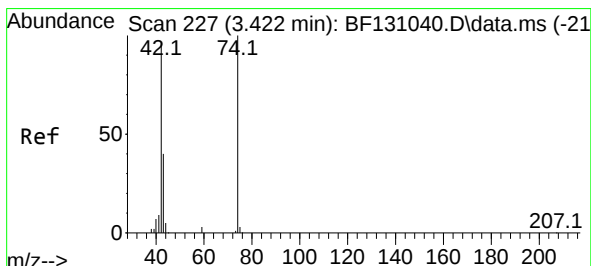
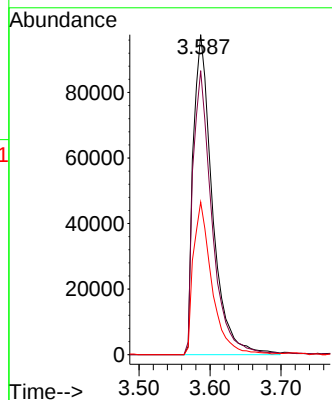
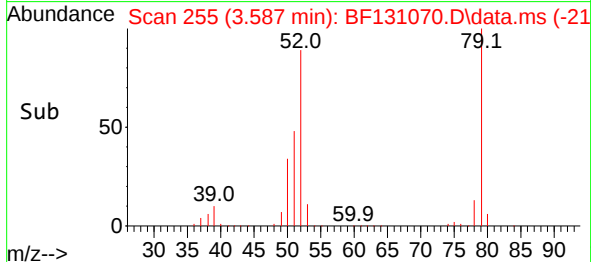
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



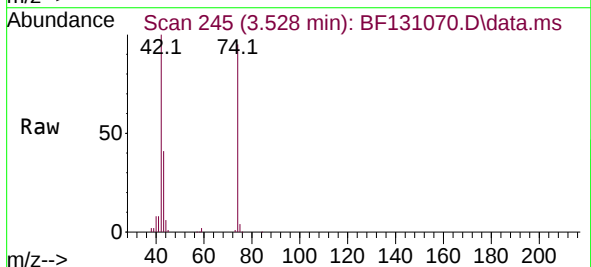
Tgt Ion: 79 Resp: 181823
Ion Ratio Lower Upper
79 100
52 88.7 67.8 101.8
51 47.7 34.5 51.7

Manual Integrations
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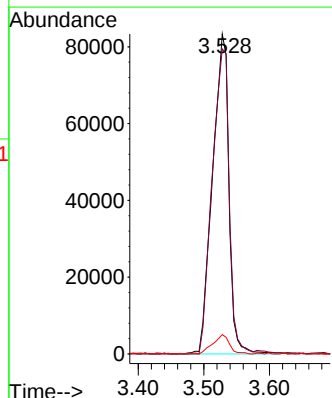
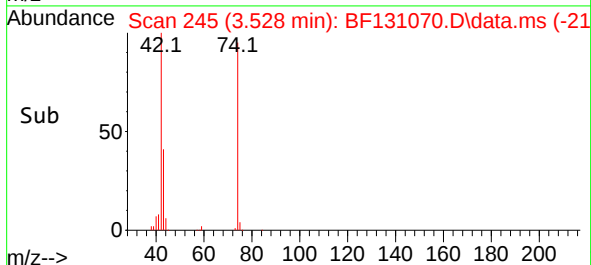
Reviewed By :Christian Giraldo 11/09/2022
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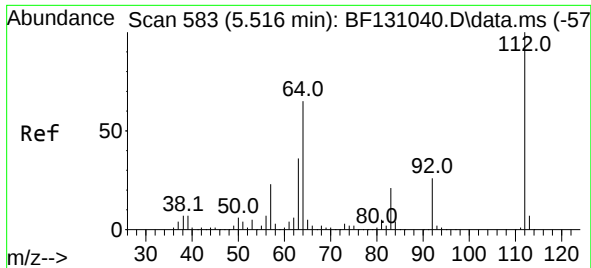


#4
n-Nitrosodimethylamine
Concen: 45.817 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.106 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



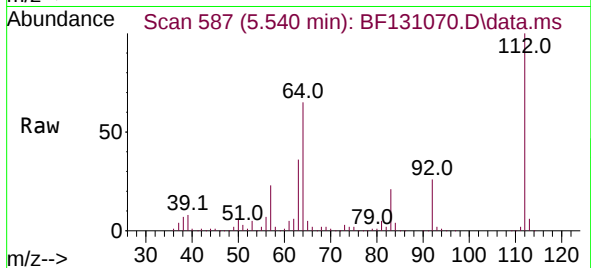
Tgt Ion: 42 Resp: 144599
Ion Ratio Lower Upper
42 100
74 95.3 83.6 125.4
44 6.0 4.7 7.1





#5
2-Fluorophenol
Concen: 132.781 ng
RT: 5.540 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

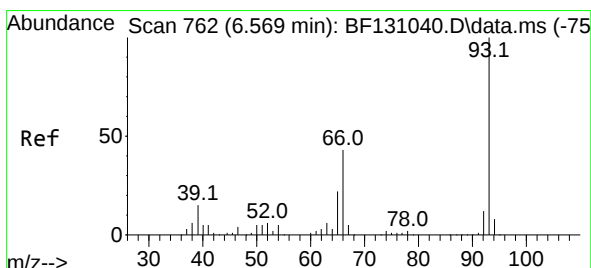
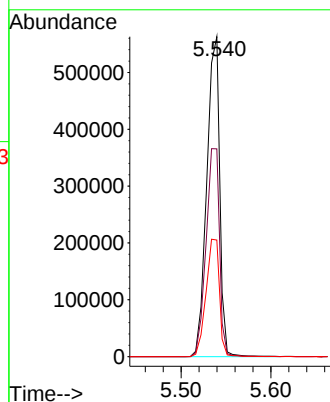
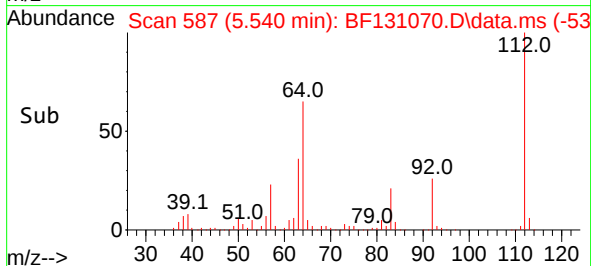
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Tgt Ion:112 Resp: 563916
Ion Ratio Lower Upper
112 100
64 64.9 52.2 78.4
63 36.4 29.0 43.4

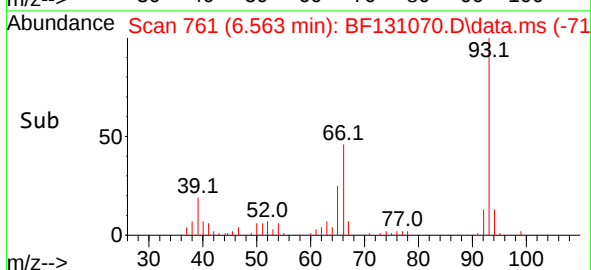
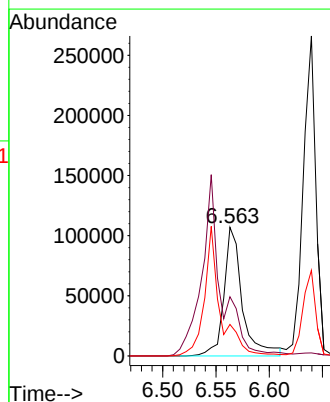
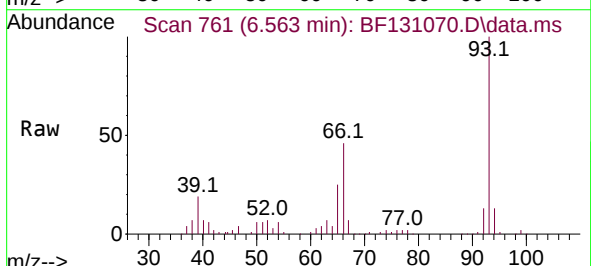
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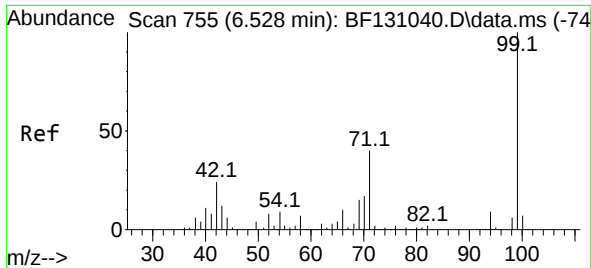
Reviewed By :Christian Giraldo 11/09/2022
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#6
Aniline
Concen: 19.884 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

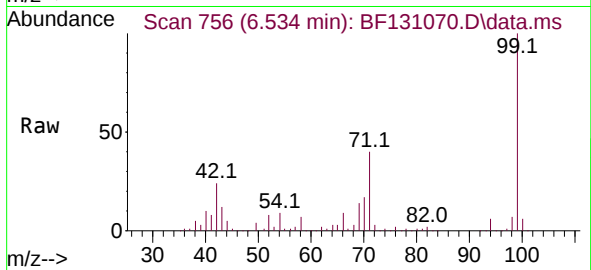
Tgt Ion: 93 Resp: 128187
Ion Ratio Lower Upper
93 100
66 46.0 34.5 51.7
65 24.5 17.9 26.9





#7
Phenol-d6
Concen: 125.668 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

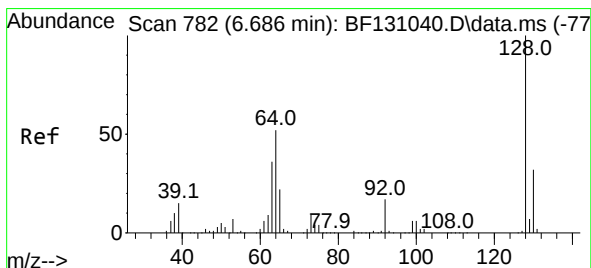
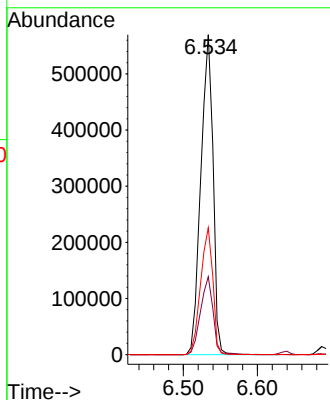
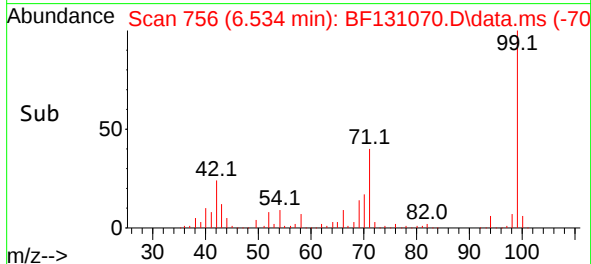
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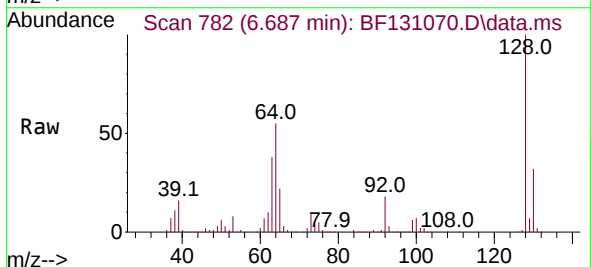
Tgt Ion: 99 Resp: 651422
Ion Ratio Lower Upper
99 100
42 24.3 19.4 29.0
71 39.6 31.8 47.8

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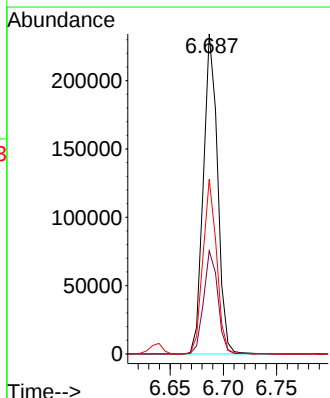
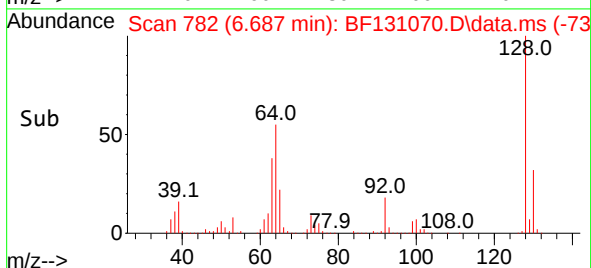
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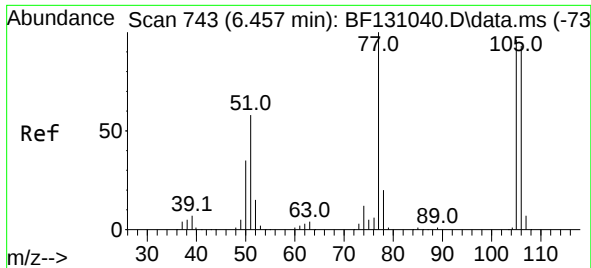


#8
2-Chlorophenol
Concen: 45.843 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



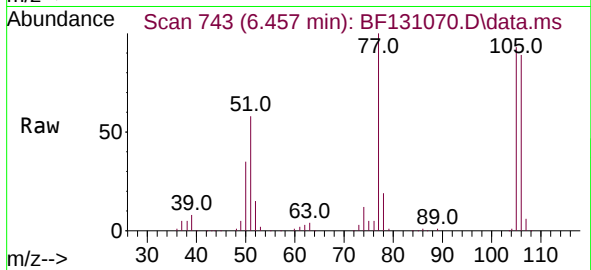
Tgt Ion:128 Resp: 216581
Ion Ratio Lower Upper
128 100
130 32.2 11.5 51.5
64 54.6 32.8 72.8





#9
Benzaldehyde
Concen: 34.801 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

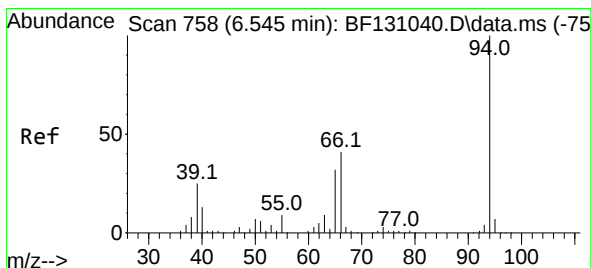
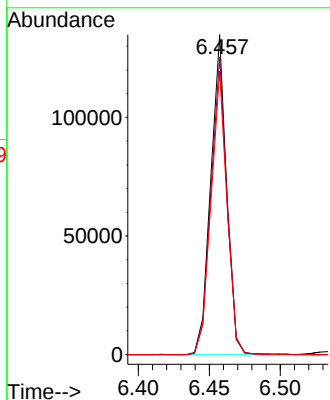
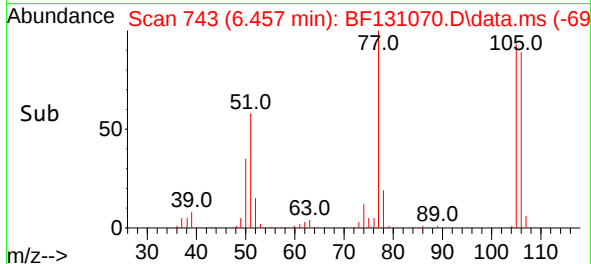
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 104206
Ion Ratio Lower Upper
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105 93.0 76.4 116.4
106 88.6 73.3 113.3

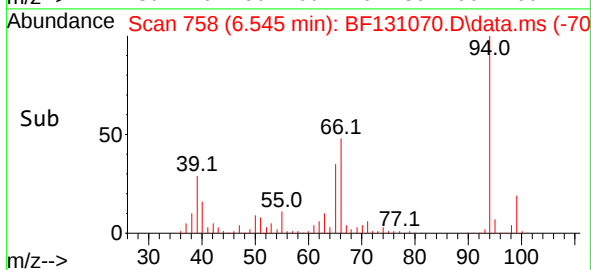
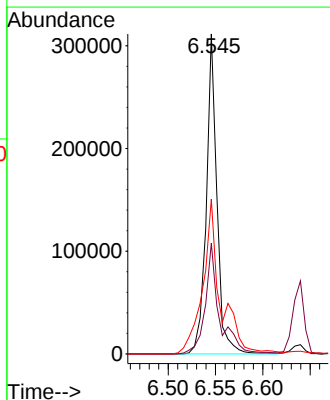
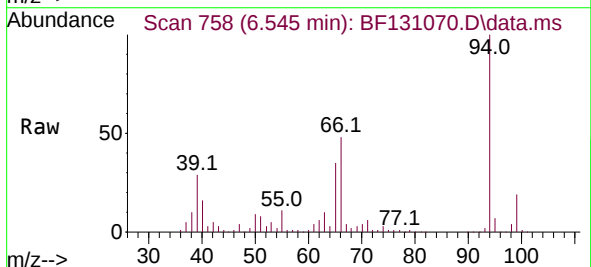
Manual Integrations
APPROVED

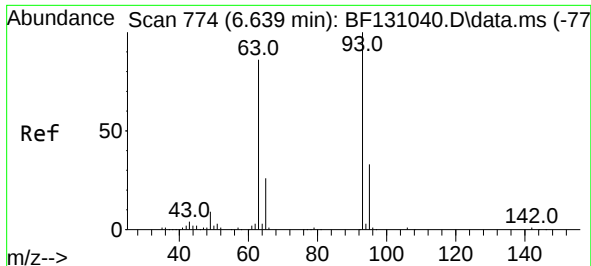
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#10
Phenol
Concen: 40.291 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

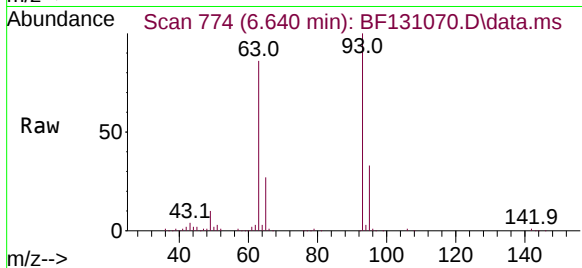
Tgt Ion: 94 Resp: 244743
Ion Ratio Lower Upper
94 100
65 34.6 11.8 51.8
66 48.4 21.5 61.5





#11
bis(2-Chloroethyl)ether
Concen: 49.134 ng
RT: 6.640 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

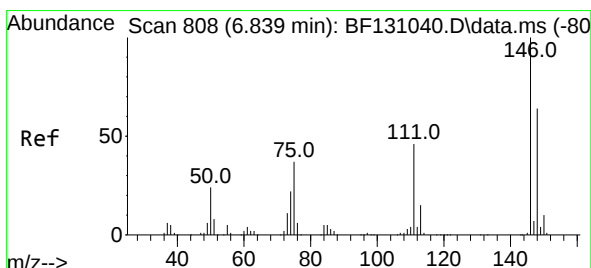
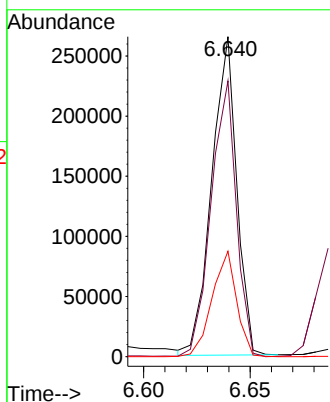
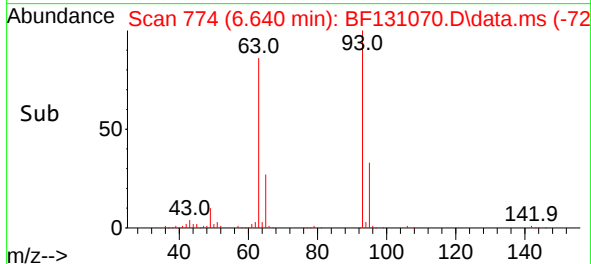
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



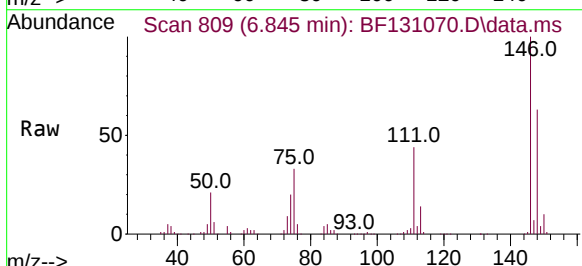
Tgt Ion: 93 Resp: 216496
Ion Ratio Lower Upper
93 100
63 86.2 65.6 105.6
95 32.9 12.5 52.5

Manual Integrations
APPROVED

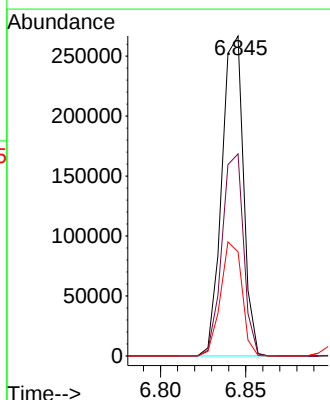
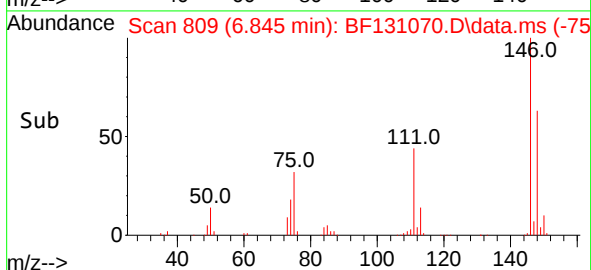
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

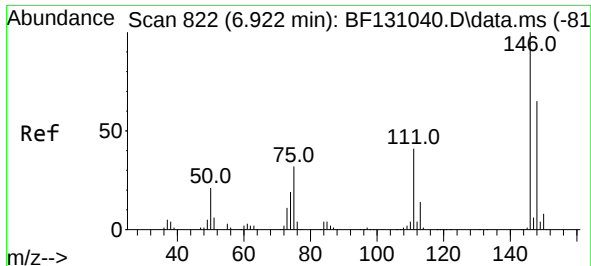


#12
1,3-Dichlorobenzene
Concen: 45.238 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



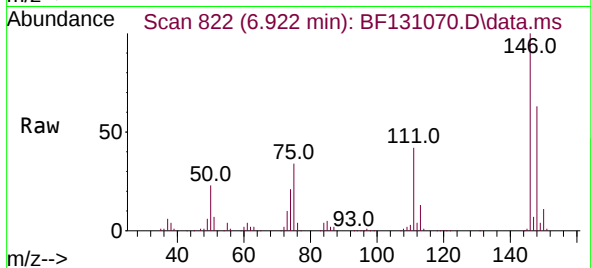
Tgt Ion:146 Resp: 235206
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 32.5 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 42.300 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

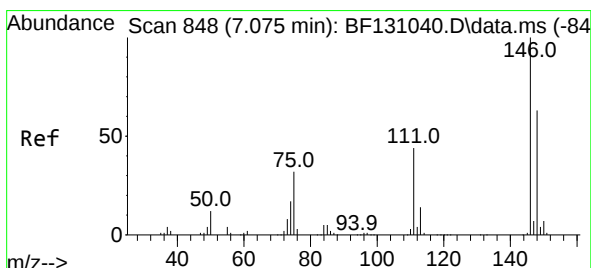
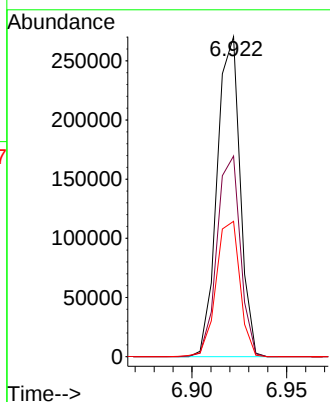
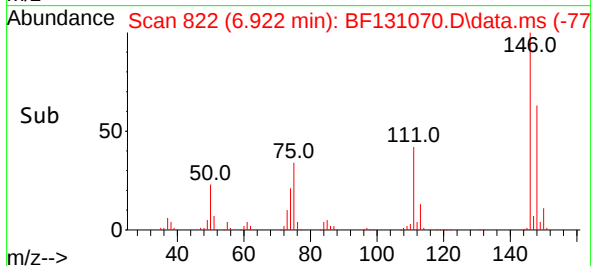
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



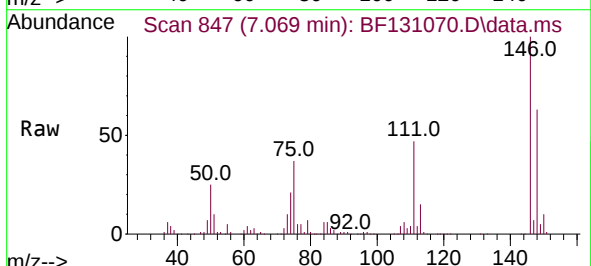
Tgt Ion:146 Resp: 229036
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
111 42.3 32.6 49.0

Manual Integrations
APPROVED

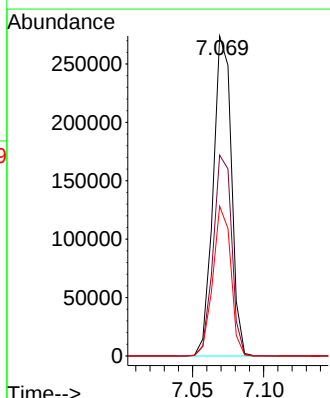
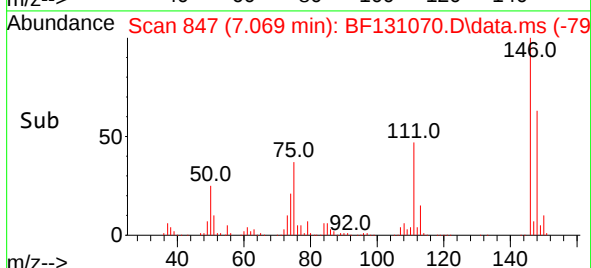
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

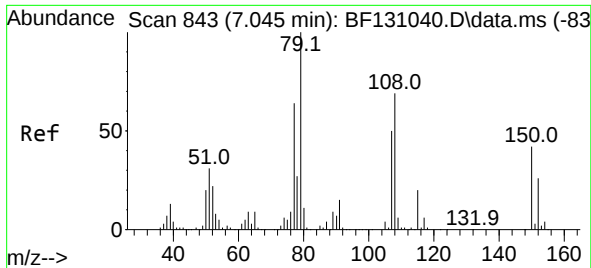


#14
1,2-Dichlorobenzene
Concen: 46.354 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



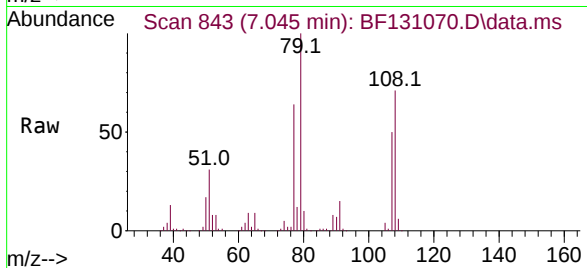
Tgt Ion:146 Resp: 245326
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
111 46.8 35.4 53.0





#15
Benzyl Alcohol
Concen: 45.165 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

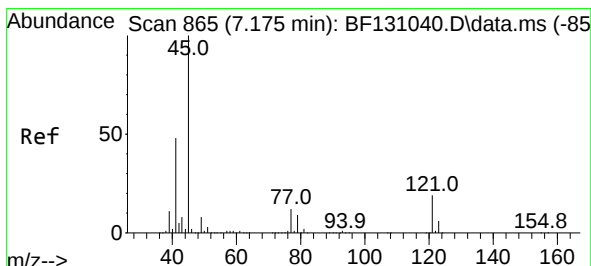
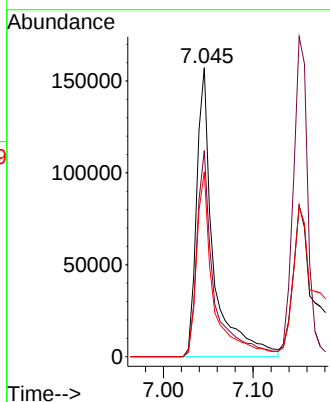
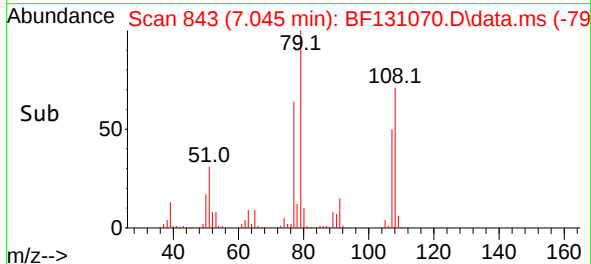
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion: 79 Resp: 204497
Ion Ratio Lower Upper
79 100
108 71.3 55.2 82.8
77 63.9 50.9 76.3

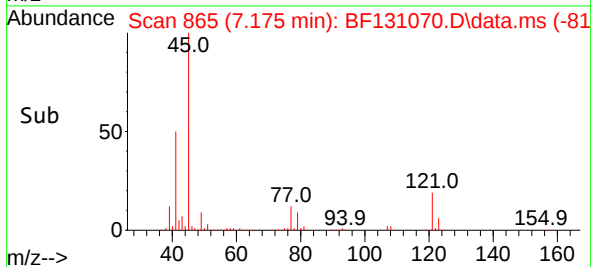
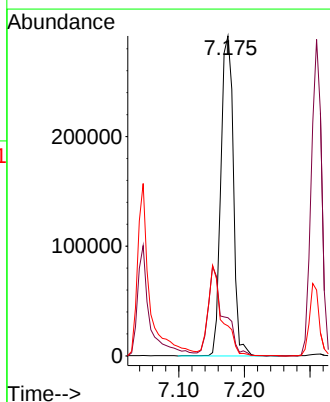
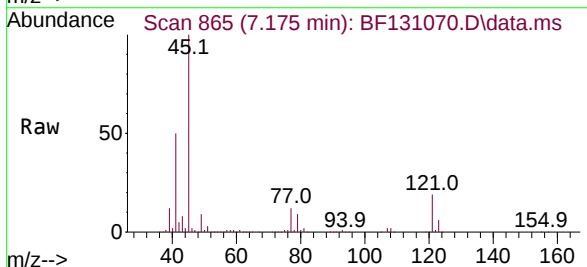
Manual Integrations
APPROVED

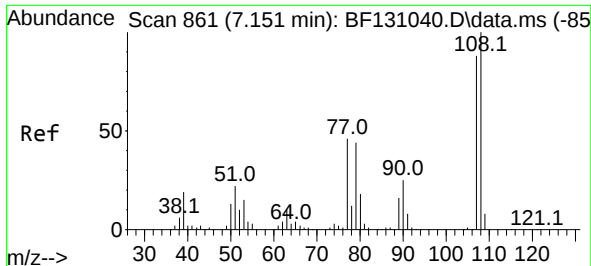
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.314 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

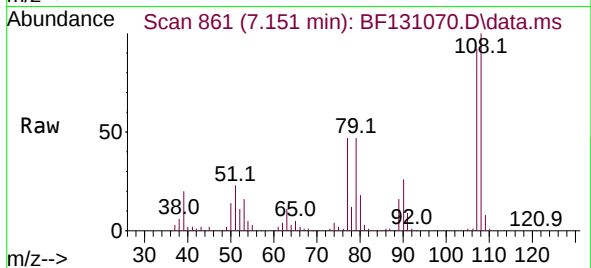
Tgt Ion: 45 Resp: 385537
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.5
79 9.4 0.0 29.7





#17
2-Methylphenol
Concen: 44.939 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

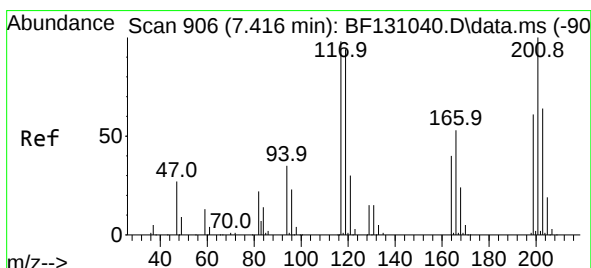
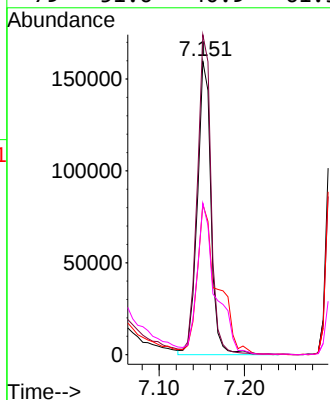
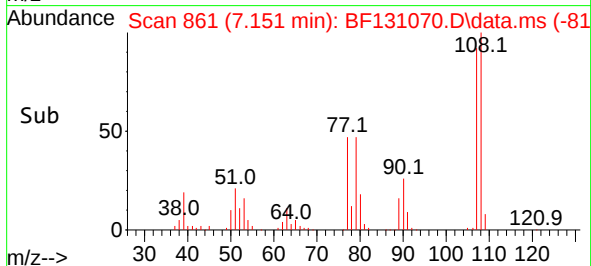
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:107 Resp: 177631
Ion Ratio Lower Upper
107 100
108 109.1 91.2 136.8
77 51.2 42.1 63.1
79 51.6 40.9 61.3

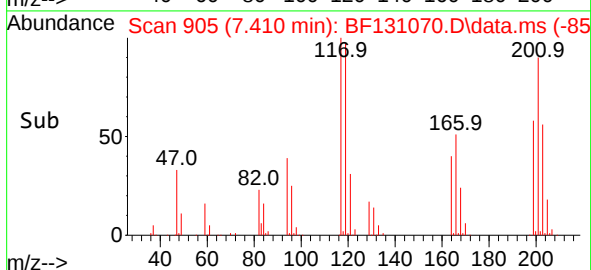
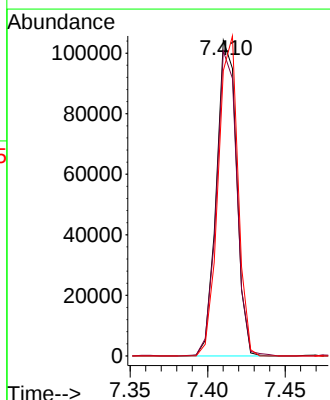
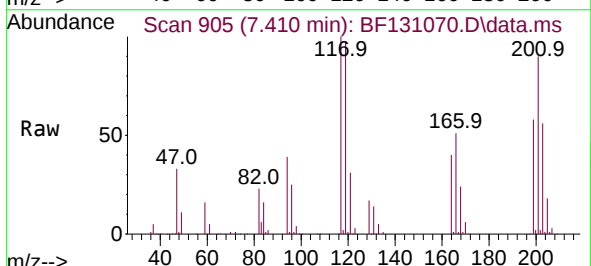
Manual Integrations
APPROVED

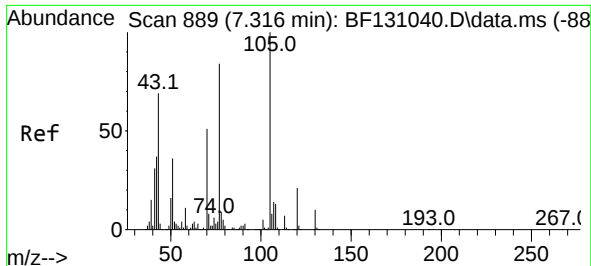
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#18
Hexachloroethane
Concen: 46.084 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

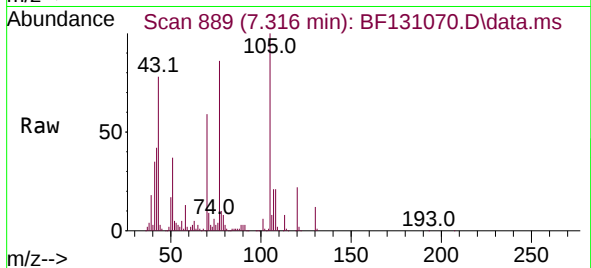
Tgt Ion:117 Resp: 94531
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3
201 90.4 81.8 122.6





#19
n-Nitroso-di-n-propylamine
Concen: 42.593 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

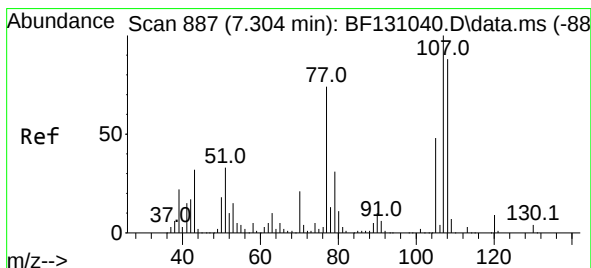
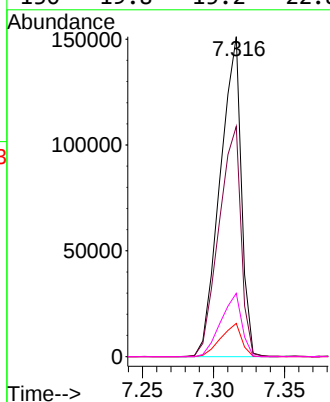
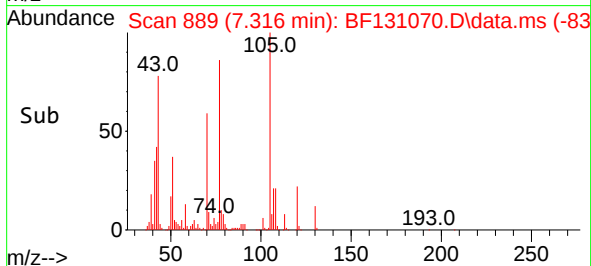
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion: 70 Resp: 157345
Ion Ratio Lower Upper
70 100
42 71.9 59.0 88.4
101 10.4 8.0 12.0
130 19.8 15.2 22.8

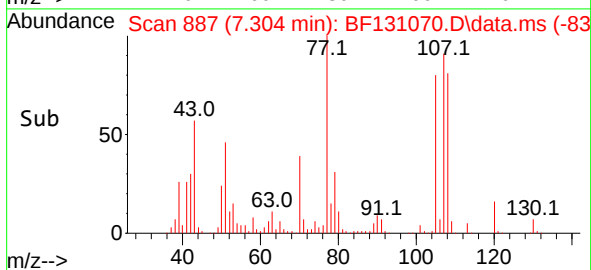
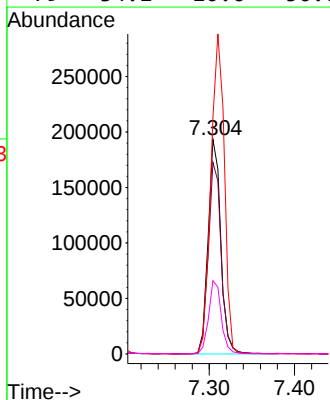
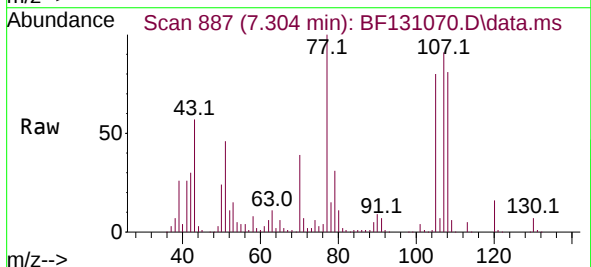
Manual Integrations
APPROVED

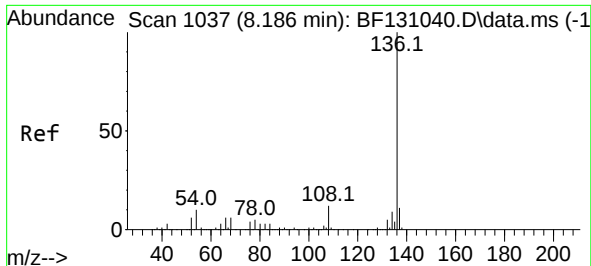
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#20
3+4-Methylphenols
Concen: 38.990 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

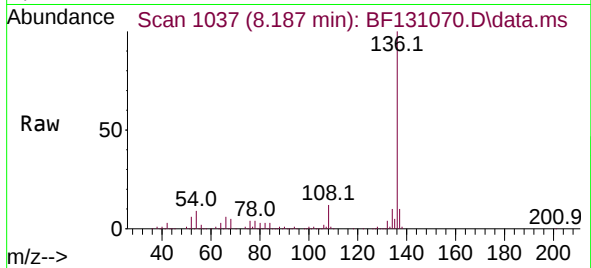
Tgt Ion:107 Resp: 199307
Ion Ratio Lower Upper
107 100
108 89.3 67.7 107.7
77 109.8 54.2 94.2#
79 34.1 10.6 50.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

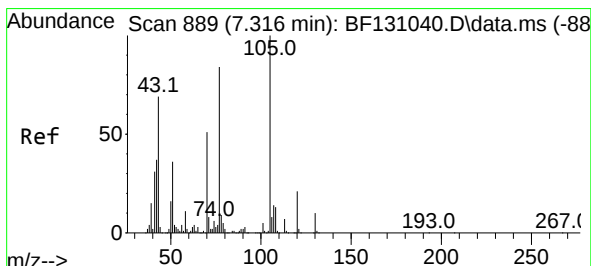
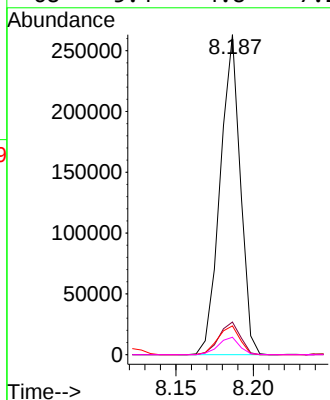
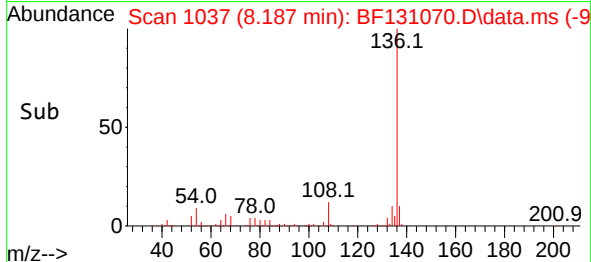
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



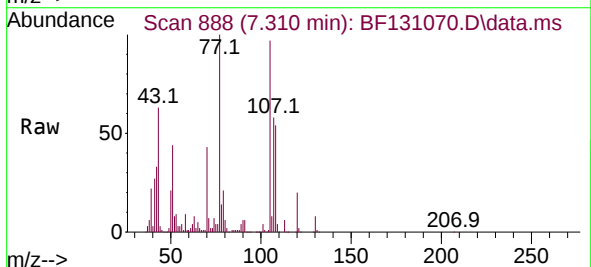
Tgt Ion:136 Resp: 238942
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 9.0 8.2 12.2
68 5.4 4.8 7.2

Manual Integrations
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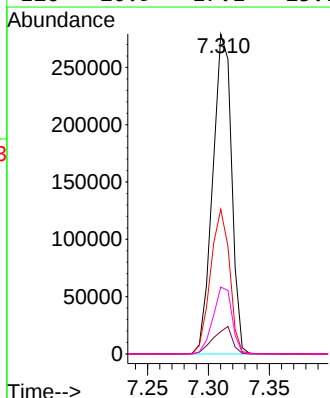
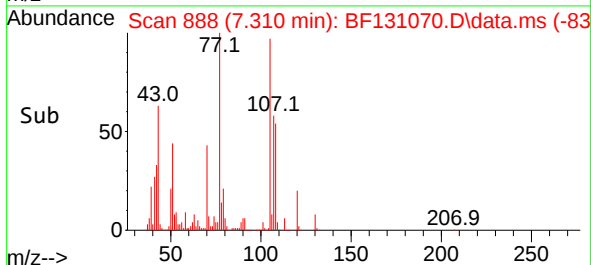
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

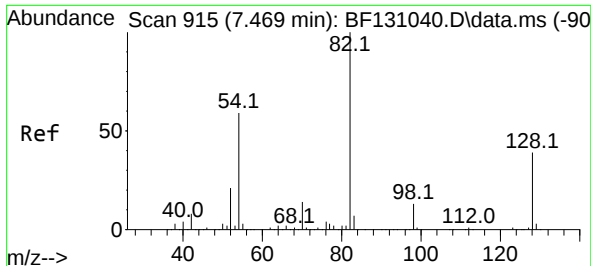


#22
Acetophenone
Concen: 47.479 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



Tgt Ion:105 Resp: 302033
Ion Ratio Lower Upper
105 100
71 7.0 6.5 9.7
51 45.2 28.5 42.7#
120 20.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 87.044 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

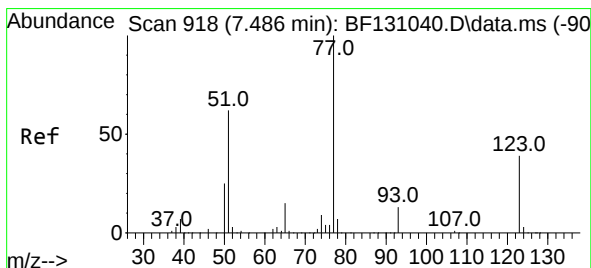
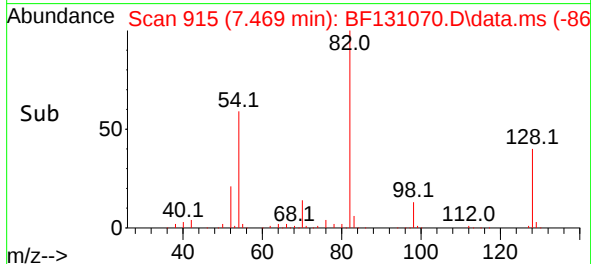
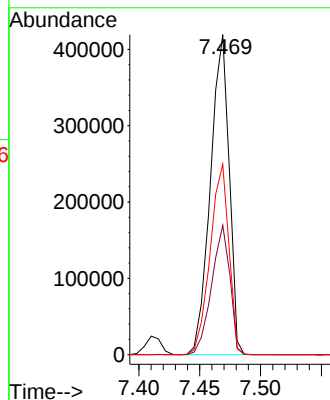
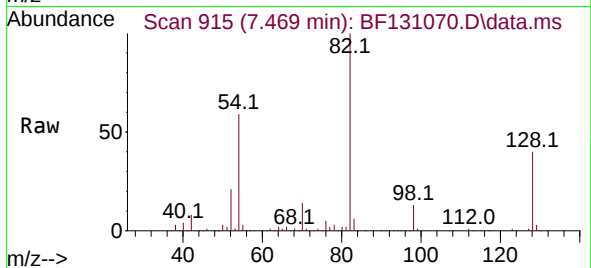
TUL-ROS-1104MSD

Tgt Ion: 82 Resp: 448698
 Ion Ratio Lower Upper
 82 100
 128 40.4 31.3 46.9
 54 59.5 47.2 70.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022



#24

Nitrobenzene

Concen: 45.388 ng

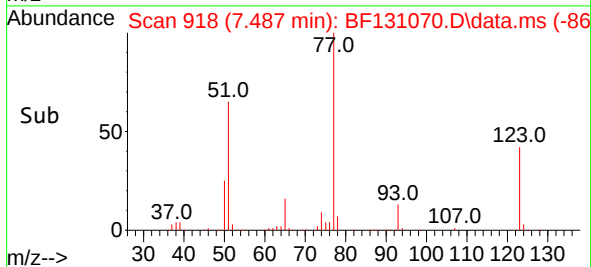
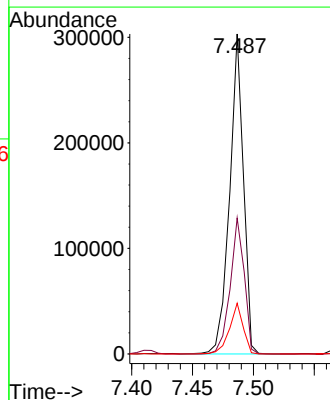
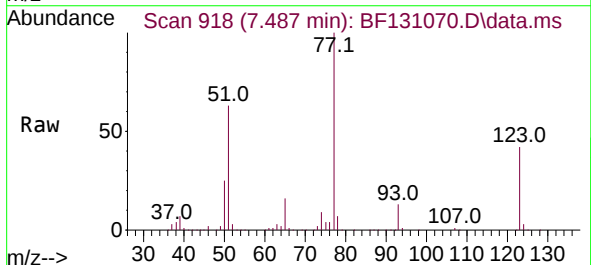
RT: 7.487 min Scan# 918

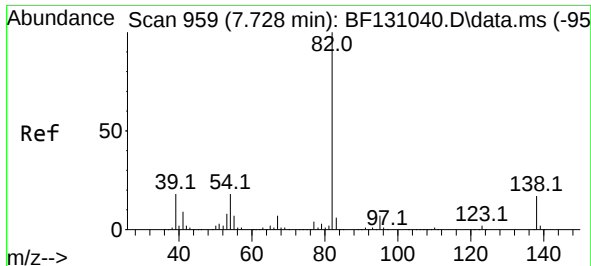
Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

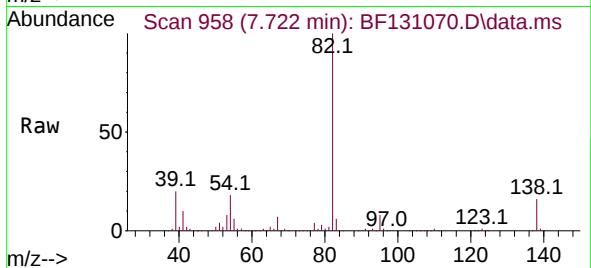
Tgt Ion: 77 Resp: 239962
 Ion Ratio Lower Upper
 77 100
 123 42.5 32.2 48.2
 65 15.8 11.9 17.9





#25
Isophorone
Concen: 50.379 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

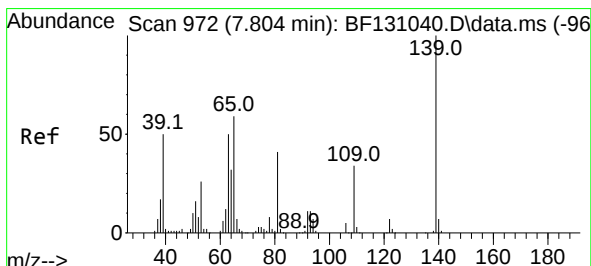
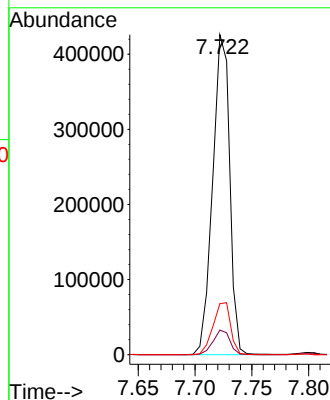
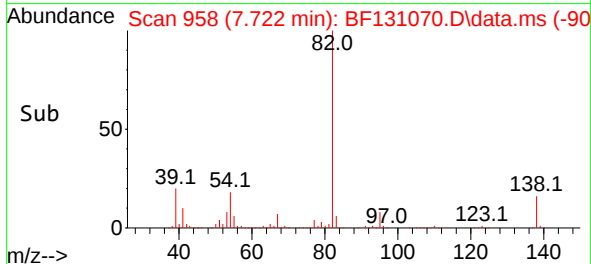
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion: 82 Resp: 445127
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 15.9 13.5 20.3

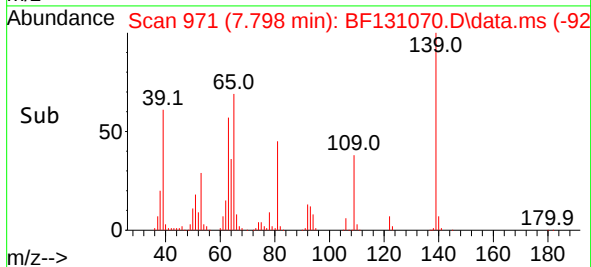
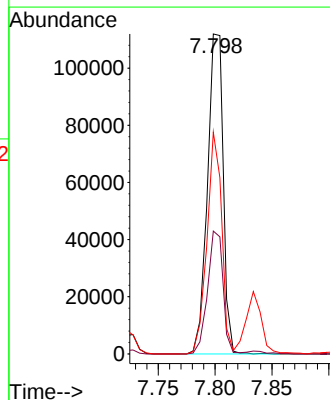
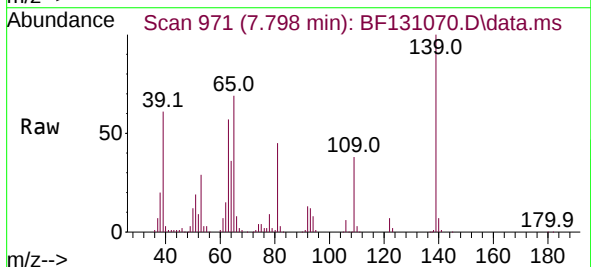
Manual Integrations
APPROVED

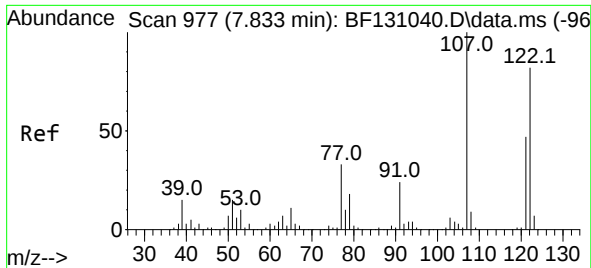
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#26
2-Nitrophenol
Concen: 48.231 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Tgt Ion:139 Resp: 108597
Ion Ratio Lower Upper
139 100
109 38.4 27.6 41.4
65 69.3 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 49.847 ng m

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131070.D

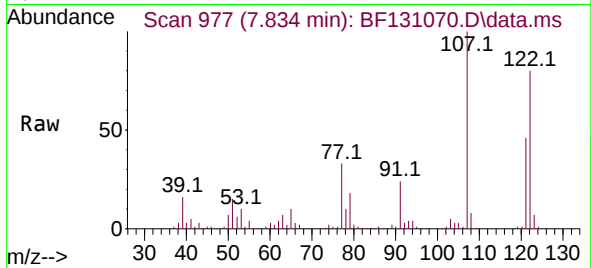
Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD



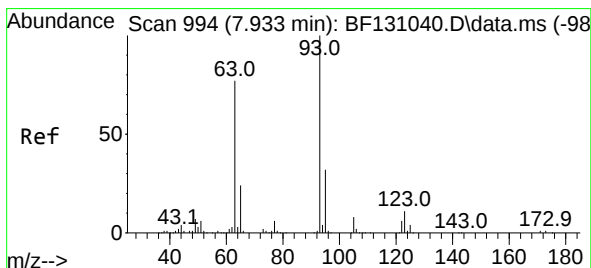
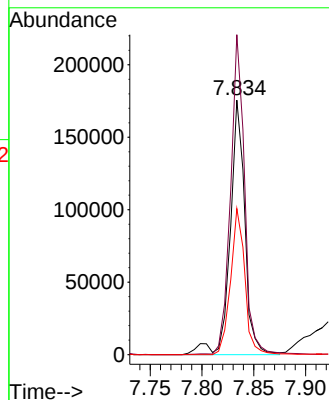
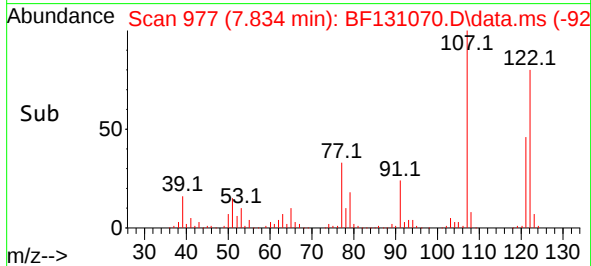
Tgt Ion:	122	Resp:	173418
Ion Ratio	Lower	Upper	
122	100		
107	125.8	97.9	146.9
121	57.4	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#28

bis(2-Chloroethoxy)methane

Concen: 55.534 ng

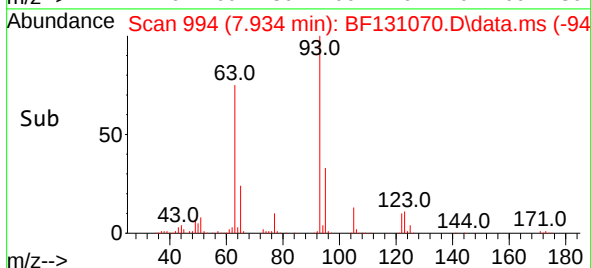
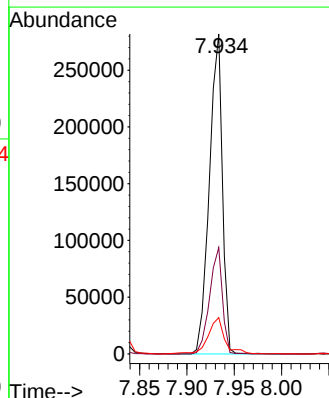
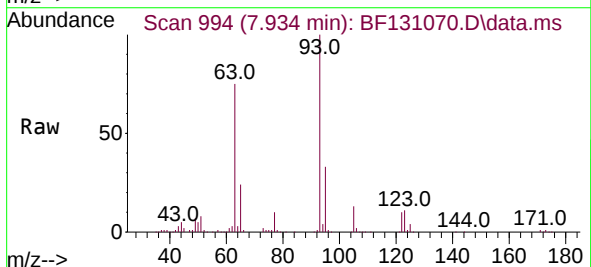
RT: 7.934 min Scan# 994

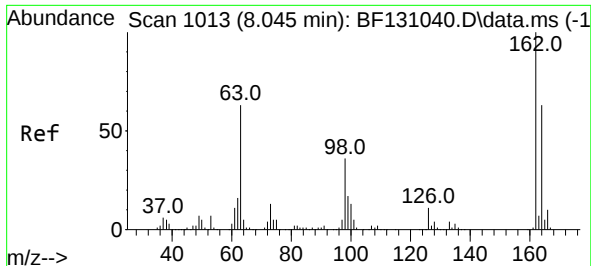
Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Tgt Ion:	93	Resp:	270988
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.5	38.3
123	11.3	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 43.824 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

Tgt Ion:162 Resp: 164206

Ion Ratio Lower Upper

162 100

164 65.9 43.3 83.3

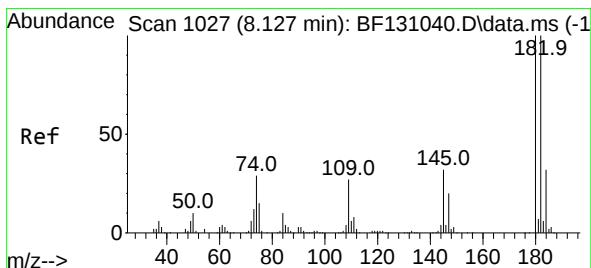
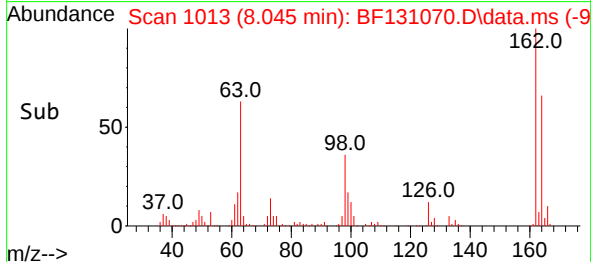
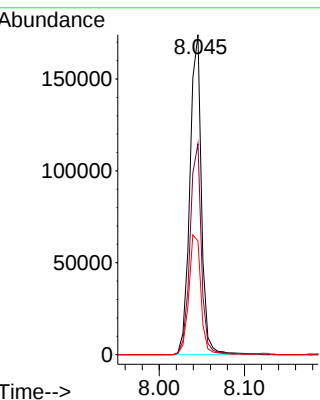
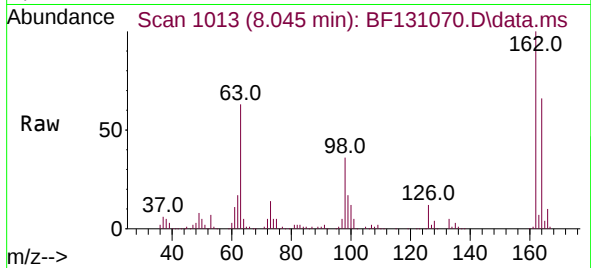
98 35.5 15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.503 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

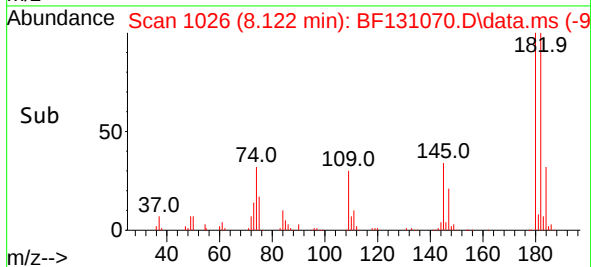
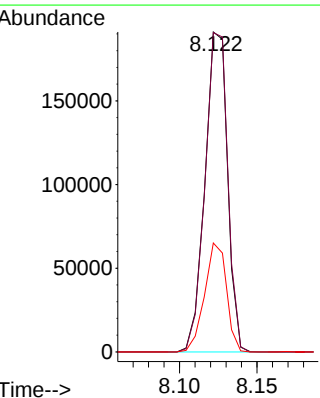
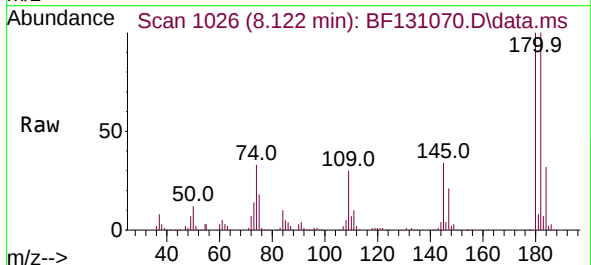
Tgt Ion:180 Resp: 194079

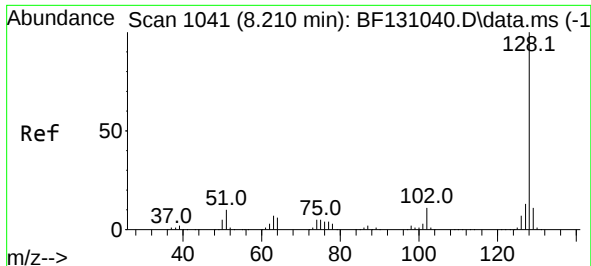
Ion Ratio Lower Upper

180 100

182 99.8 80.3 120.5

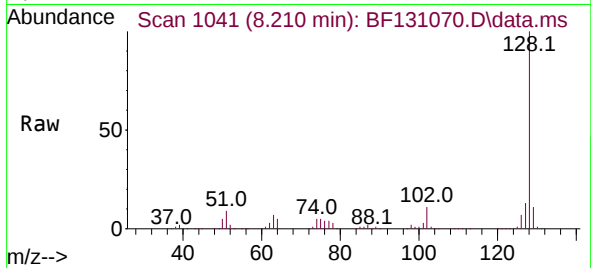
145 34.0 25.8 38.6





#31
Naphthalene
Concen: 42.414 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

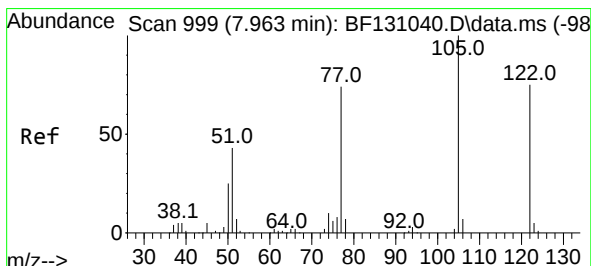
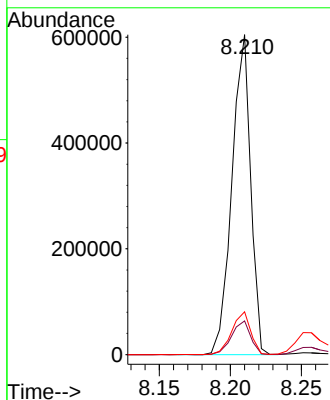
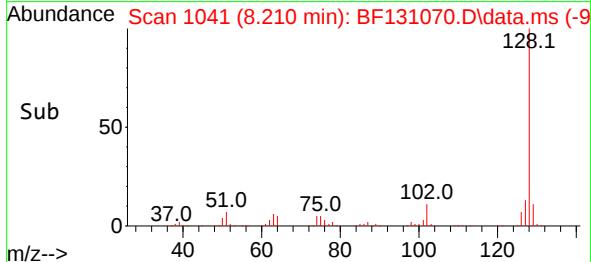
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



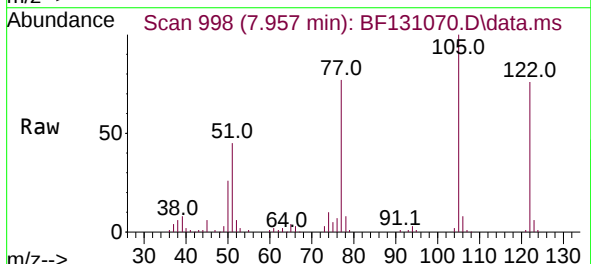
Tgt Ion:128 Resp: 553862
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.4 10.5 15.7

Manual Integrations
APPROVED

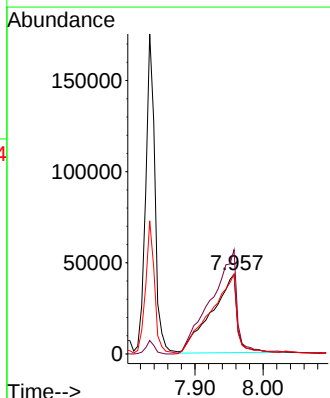
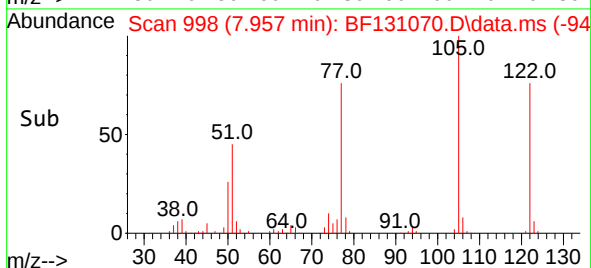
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

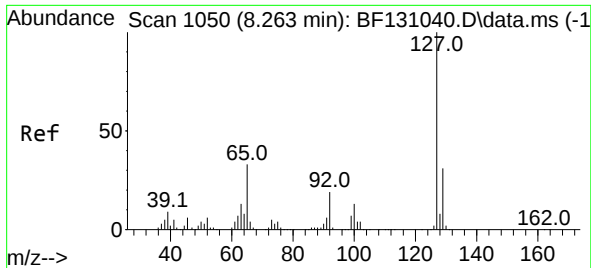


#32
Benzoic acid
Concen: 47.393 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



Tgt Ion:122 Resp: 112321
Ion Ratio Lower Upper
122 100
105 131.0 106.0 146.0
77 100.5 74.4 114.4





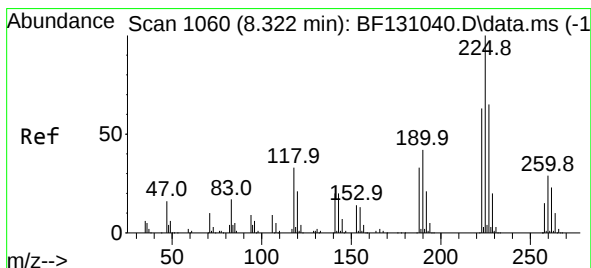
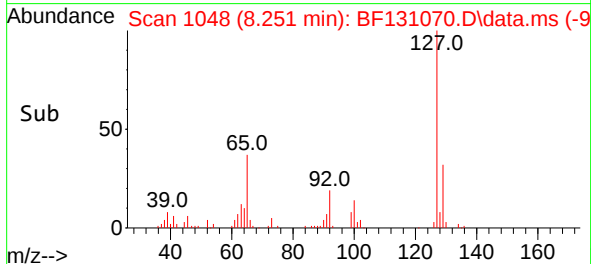
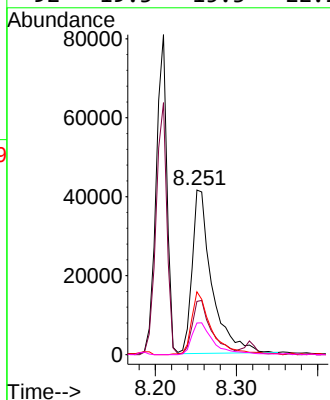
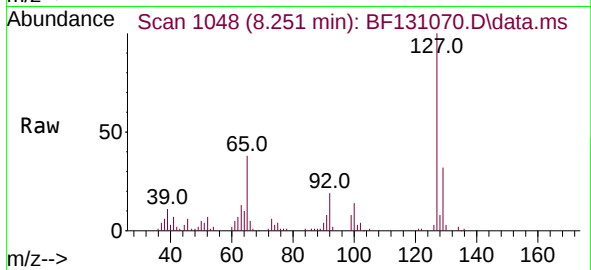
#33
4-Chloroaniline
Concen: 13.647 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.012 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD

Tgt Ion:127 Resp: 69688
Ion Ratio Lower Upper
127 100
129 32.4 25.0 37.6
65 38.2 26.6 40.0
92 19.3 15.3 22.9

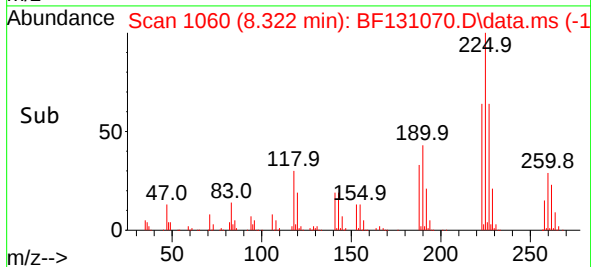
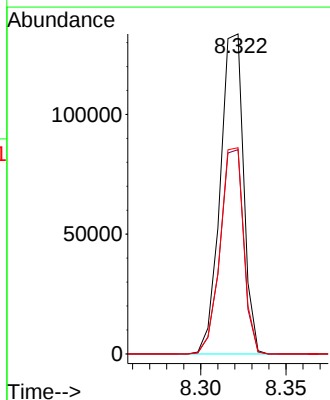
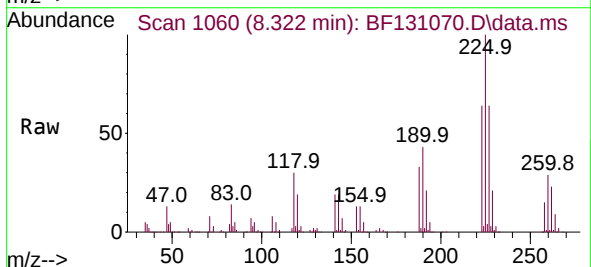
Manual Integrations
APPROVED

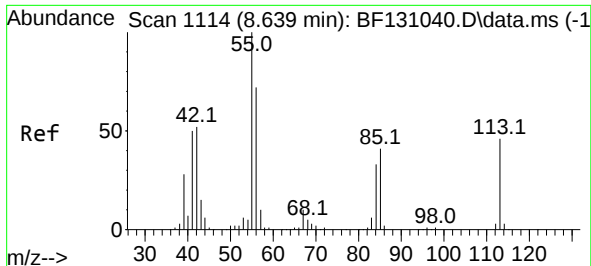
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#34
Hexachlorobutadiene
Concen: 47.658 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

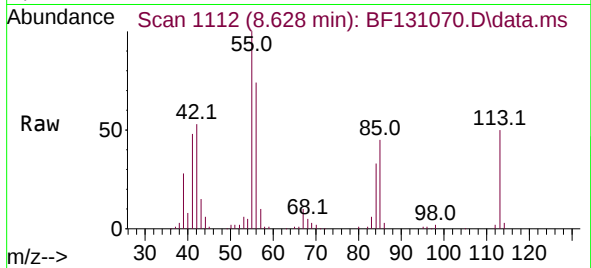
Tgt Ion:225 Resp: 127115
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 64.4 52.0 78.0





#35
Caprolactam
Concen: 41.013 ng m
RT: 8.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

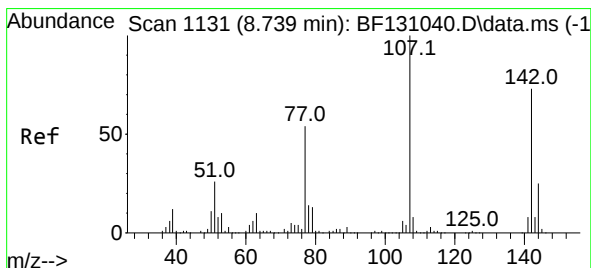
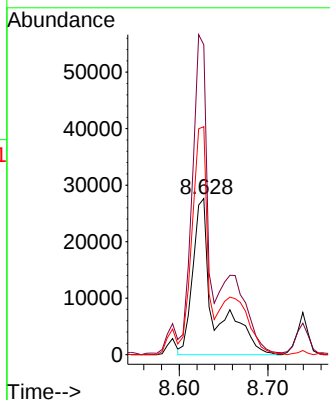
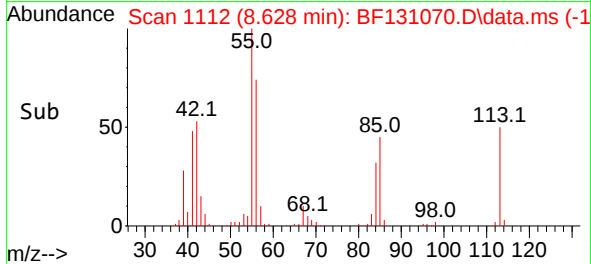
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:113 Resp: 47149
Ion Ratio Lower Upper
113 100
55 198.6 199.0 239.0
56 146.1 137.0 177.0

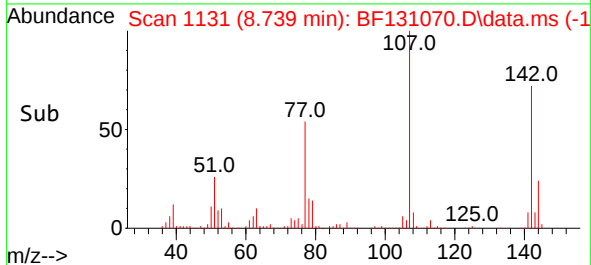
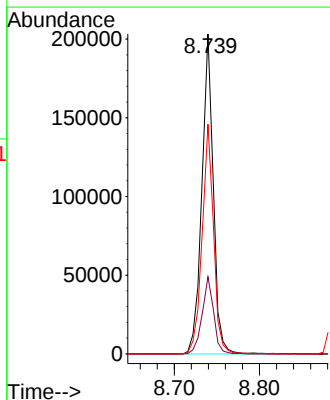
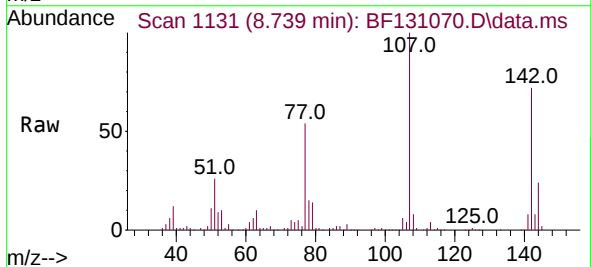
Manual Integrations
APPROVED

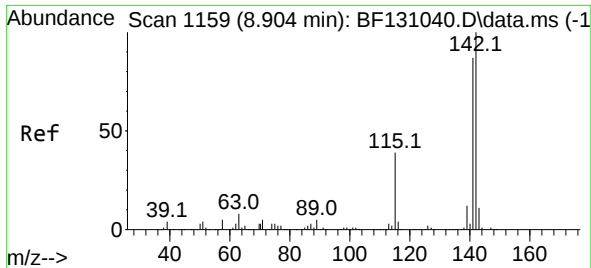
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#36
4-Chloro-3-methylphenol
Concen: 46.933 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Tgt Ion:107 Resp: 189802
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 71.8 58.6 88.0





#37

2-Methylnaphthalene

Concen: 45.194 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

Tgt Ion:142 Resp: 375478

Ion Ratio Lower Upper

142 100

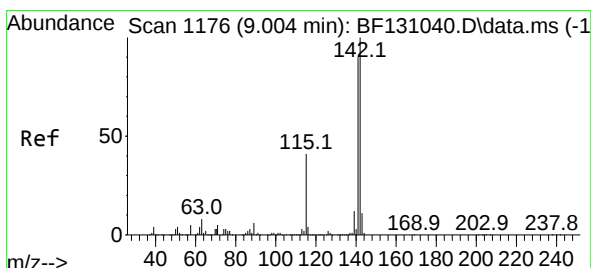
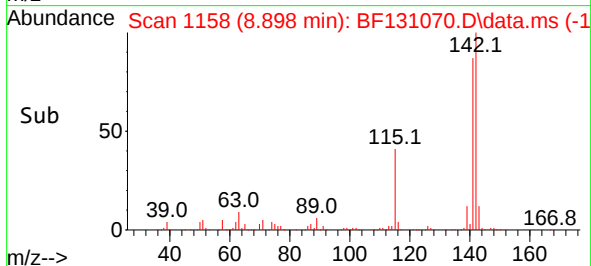
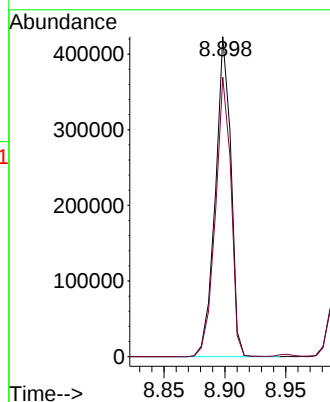
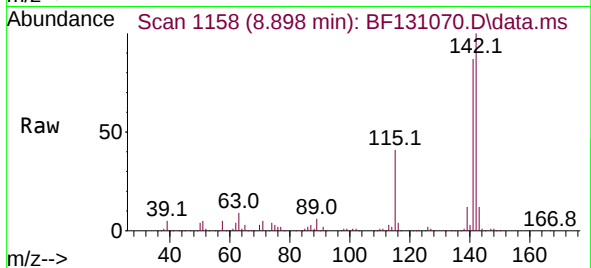
141 87.3 69.8 104.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#38

1-Methylnaphthalene

Concen: 43.071 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF131070.D

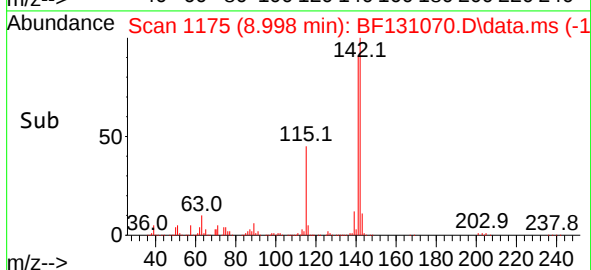
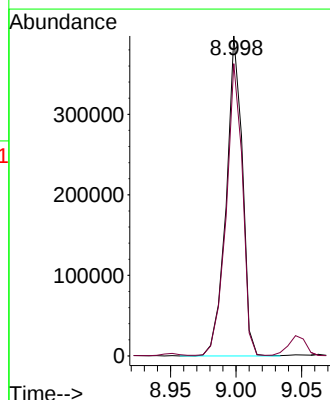
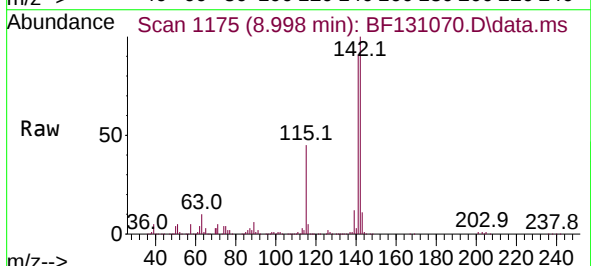
Acq: 08 Nov 2022 16:54

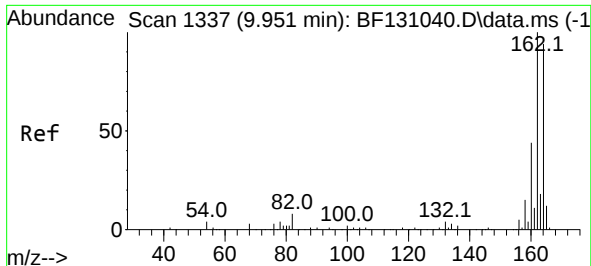
Tgt Ion:142 Resp: 341681

Ion Ratio Lower Upper

142 100

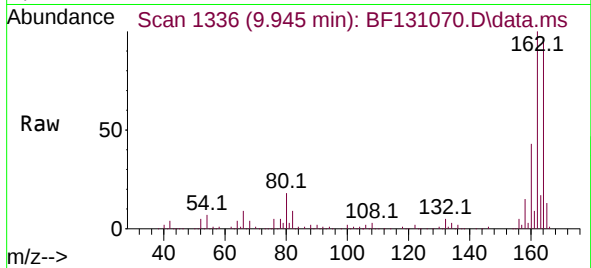
141 91.3 72.2 108.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

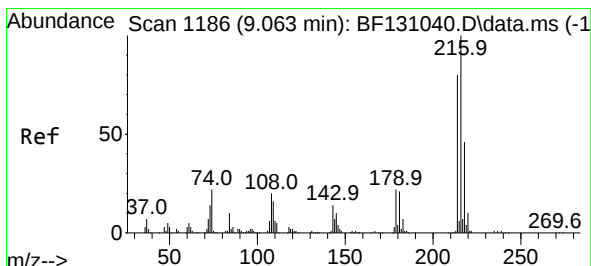
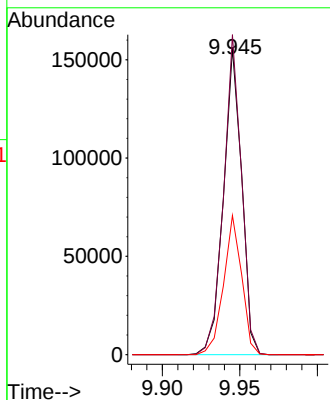
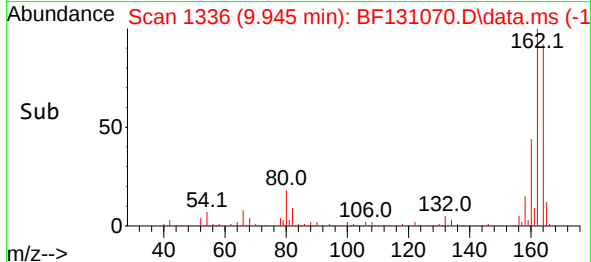
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



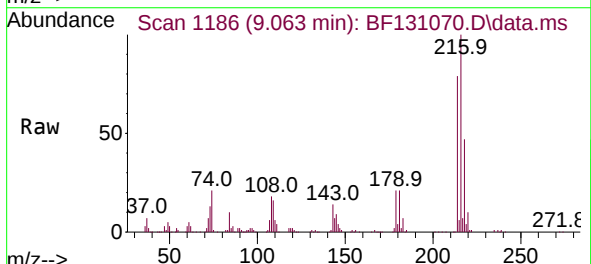
Tgt Ion:164 Resp: 127672
Ion Ratio Lower Upper
164 100
162 104.6 85.0 127.6
160 45.5 37.0 55.6

Manual Integrations
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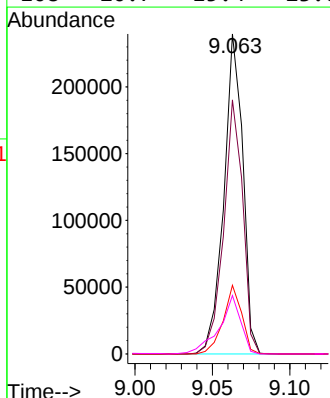
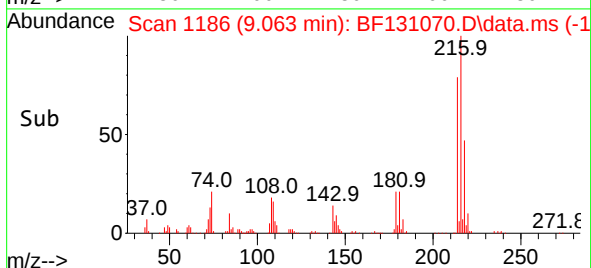
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

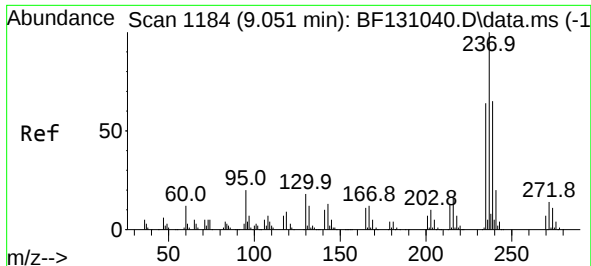


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.557 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



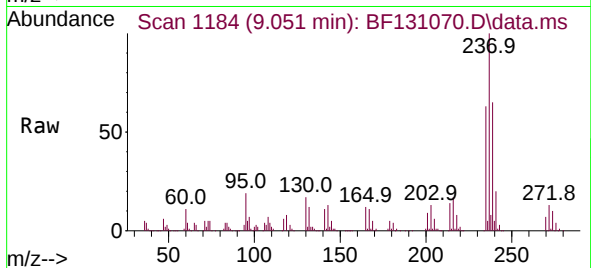
Tgt Ion:216 Resp: 203945
Ion Ratio Lower Upper
216 100
214 79.3 62.7 94.1
179 21.0 16.7 25.1
108 20.7 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 97.858 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

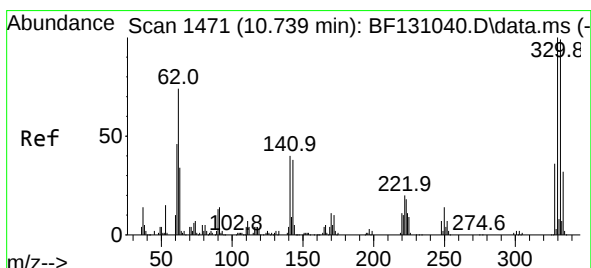
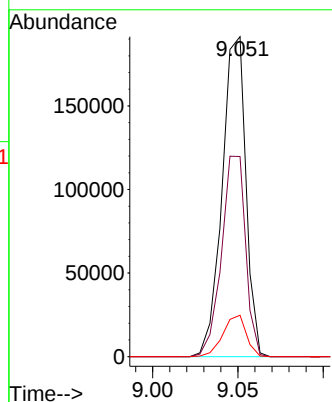
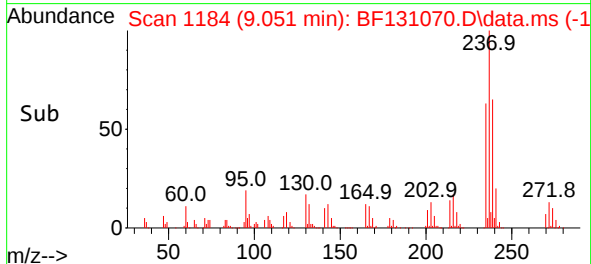
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



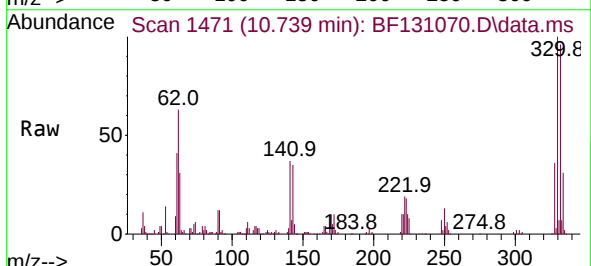
Tgt Ion:237 Resp: 185630
Ion Ratio Lower Upper
237 100
235 62.6 43.6 83.6
272 13.0 0.0 33.8

Manual Integrations
APPROVED

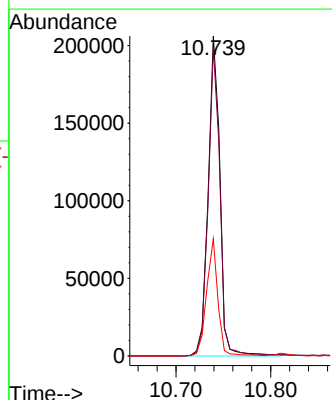
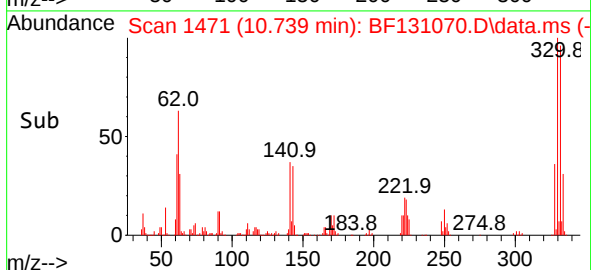
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

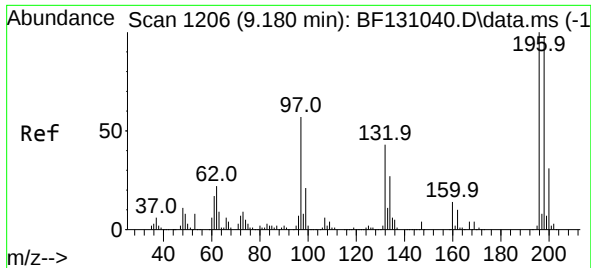


#42
2,4,6-Tribromophenol
Concen: 127.136 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



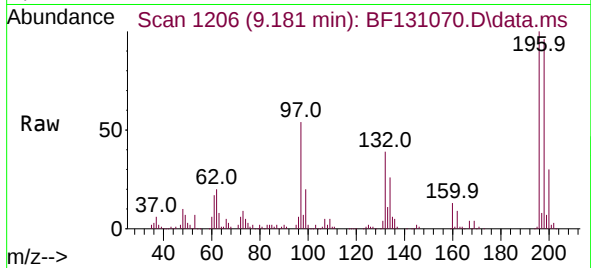
Tgt Ion:330 Resp: 178707
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 35.0 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 42.512 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

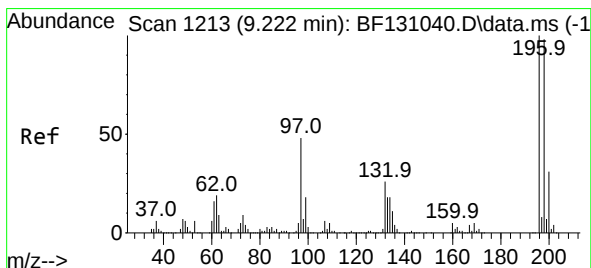
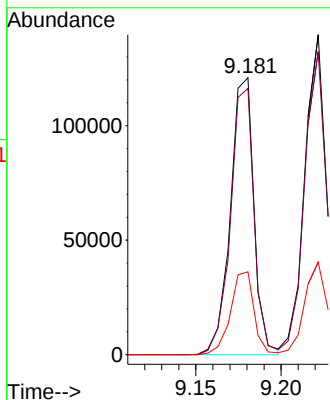
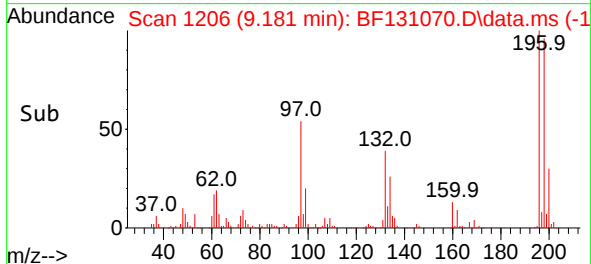
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:196 Resp: 116678
Ion Ratio Lower Upper
196 100
198 96.1 78.2 117.2
200 29.9 25.0 37.4

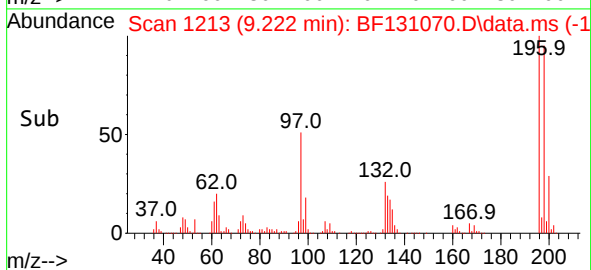
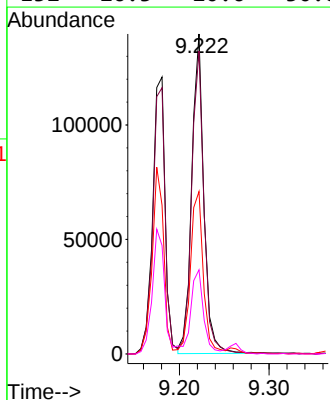
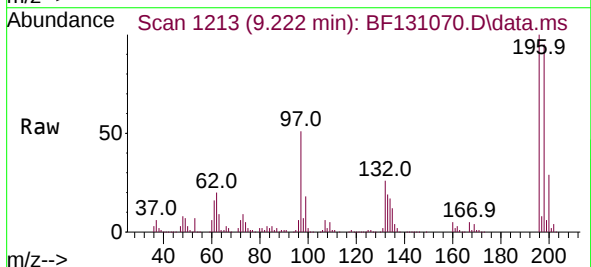
Manual Integrations
APPROVED

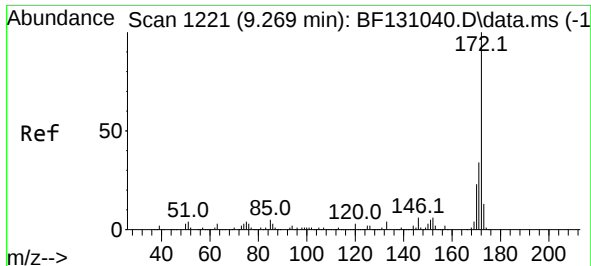
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#44
2,4,5-Trichlorophenol
Concen: 42.637 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

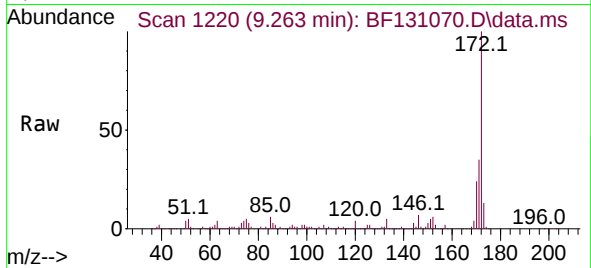
Tgt Ion:196 Resp: 131220
Ion Ratio Lower Upper
196 100
198 94.7 78.6 118.0
97 50.7 38.9 58.3
132 26.3 20.6 30.8





#45
2-Fluorobiphenyl
Concen: 83.317 ng
RT: 9.263 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

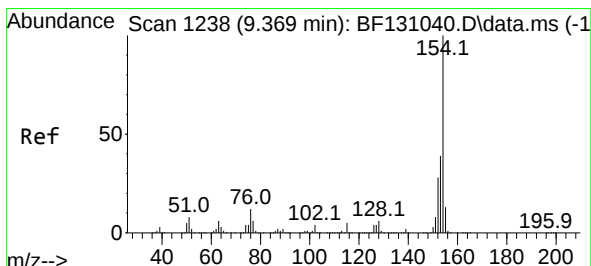
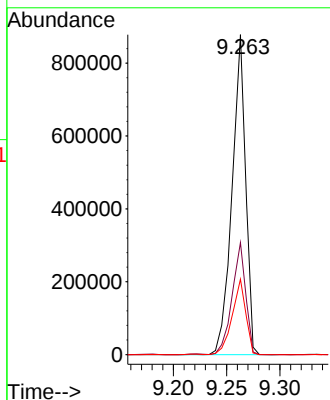
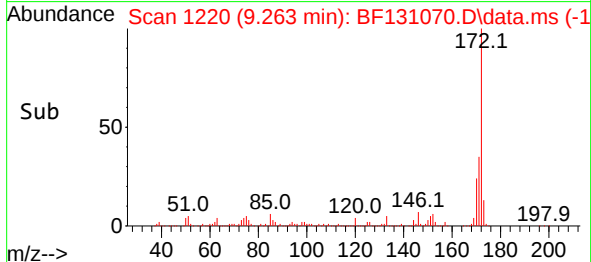
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



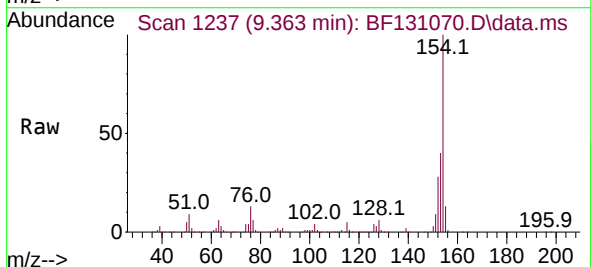
Tgt Ion:172 Resp: 780528
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.6 18.4 27.6

Manual Integrations
APPROVED

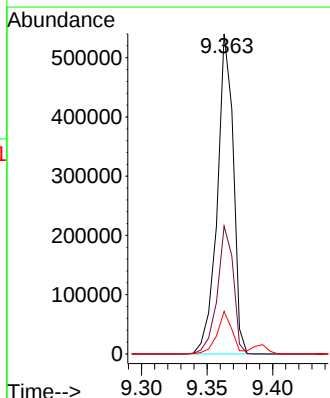
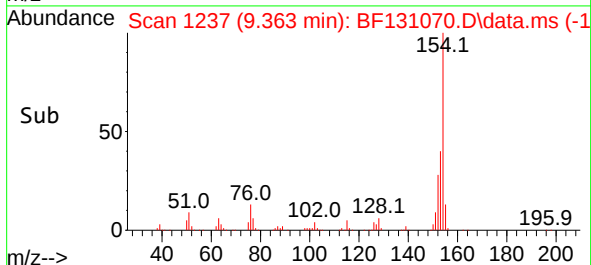
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

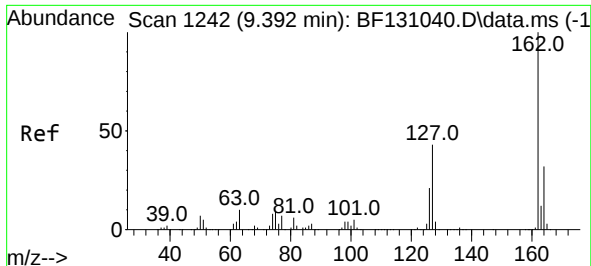


#46
1,1'-Biphenyl
Concen: 46.189 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



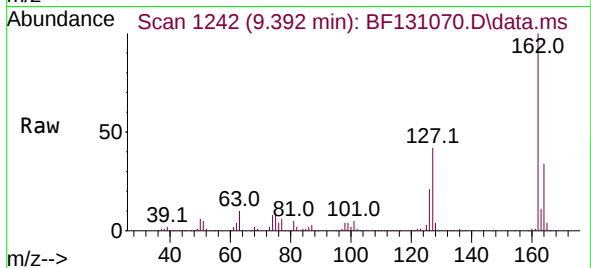
Tgt Ion:154 Resp: 459317
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 13.3 0.0 32.0





#47
2-Chloronaphthalene
Concen: 45.019 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

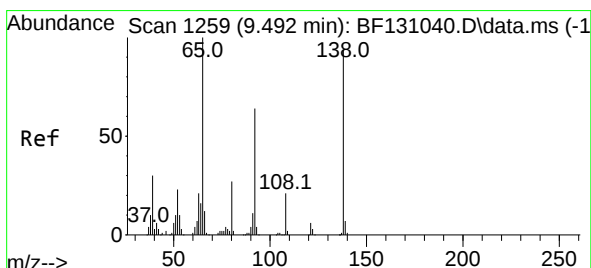
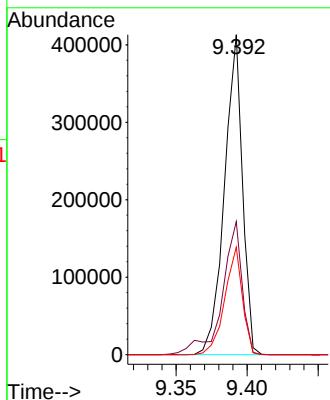
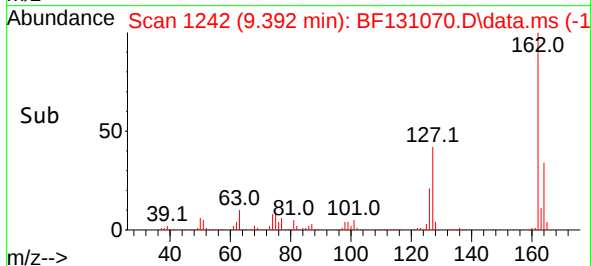
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:162 Resp: 362943
Ion Ratio Lower Upper
162 100
127 41.6 34.6 51.8
164 33.6 26.0 39.0

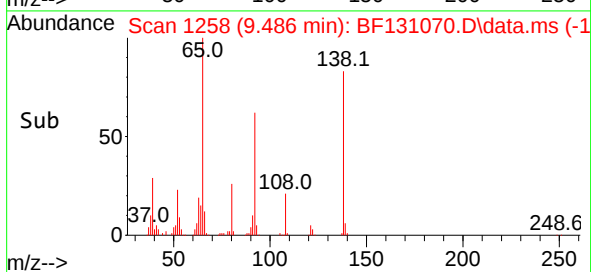
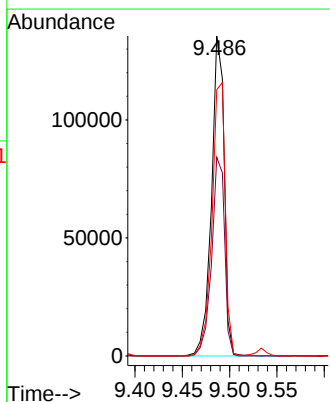
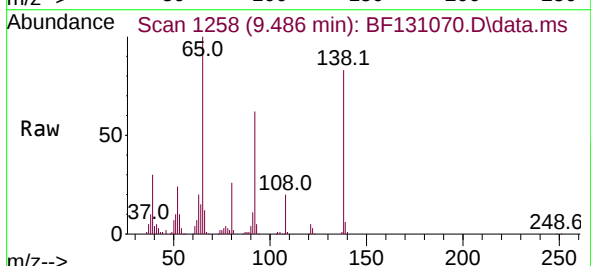
Manual Integrations
APPROVED

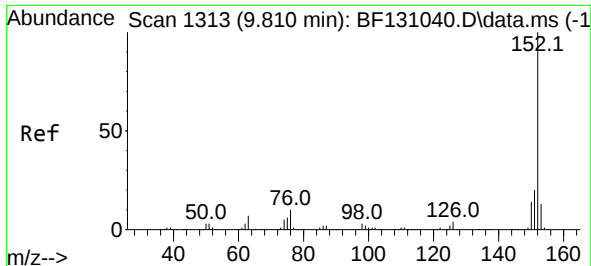
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#48
2-Nitroaniline
Concen: 42.839 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Tgt Ion: 65 Resp: 126935
Ion Ratio Lower Upper
65 100
92 62.1 51.3 76.9
138 83.2 75.0 112.4





#49

Acenaphthylene

Concen: 45.956 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF131070.D

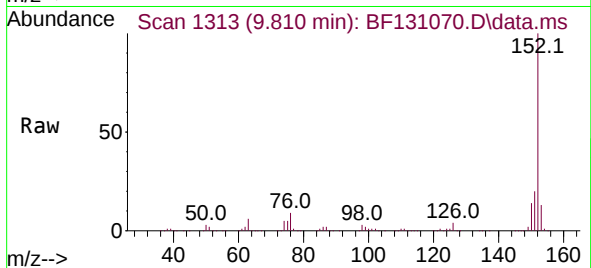
Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD



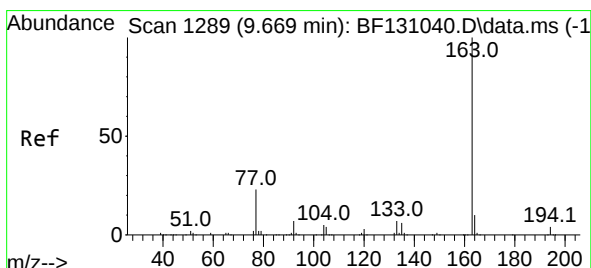
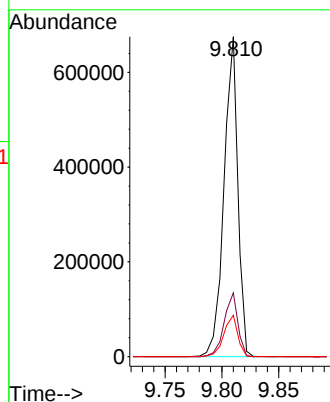
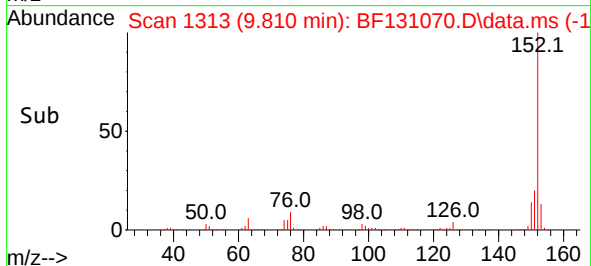
Tgt Ion:152 Resp: 569353

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	12.9	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#50

Dimethylphthalate

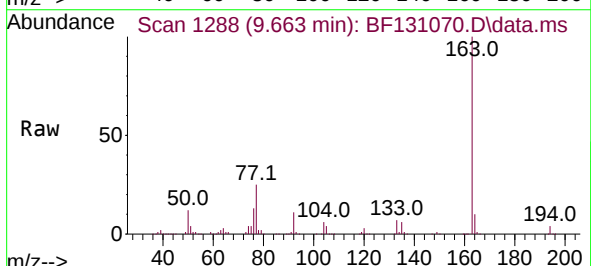
Concen: 37.362 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.006 min

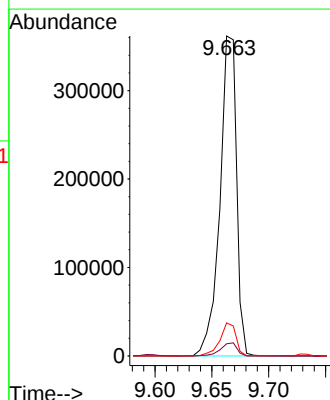
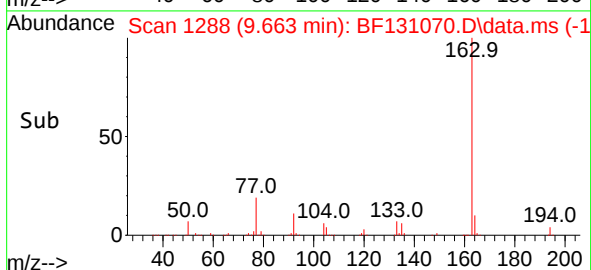
Lab File: BF131070.D

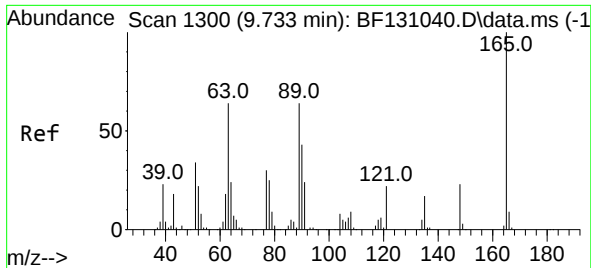
Acq: 08 Nov 2022 16:54



Tgt Ion:163 Resp: 368639

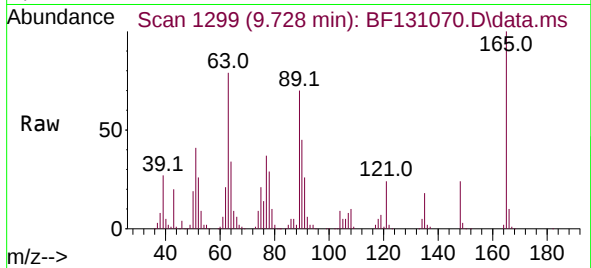
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.3	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 44.659 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.005 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

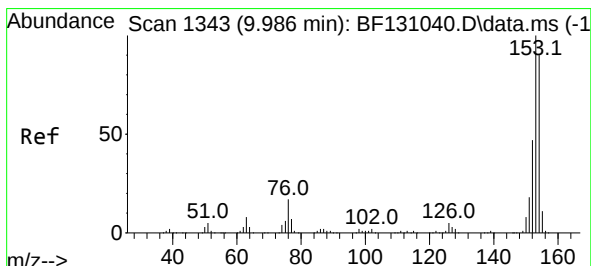
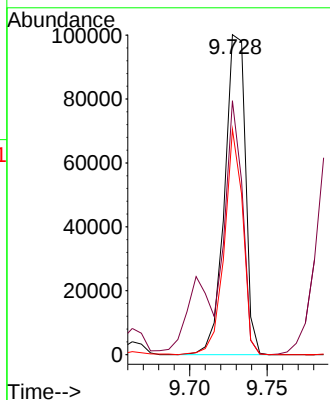
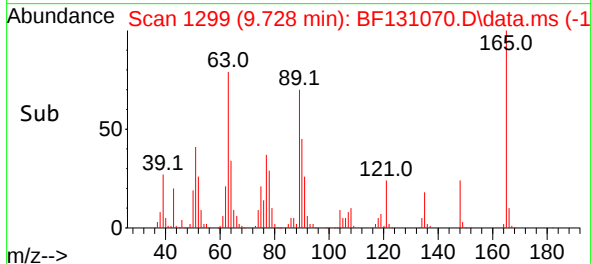
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



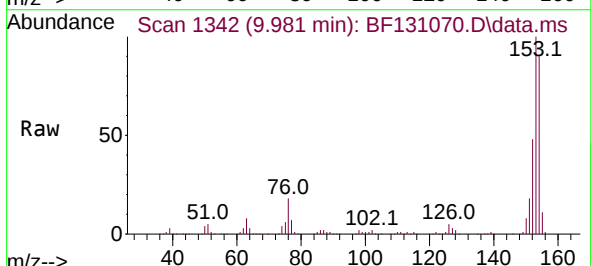
Tgt Ion:165 Resp: 93739
Ion Ratio Lower Upper
165 100
63 79.3 57.2 85.8
89 70.4 51.4 77.2

Manual Integrations
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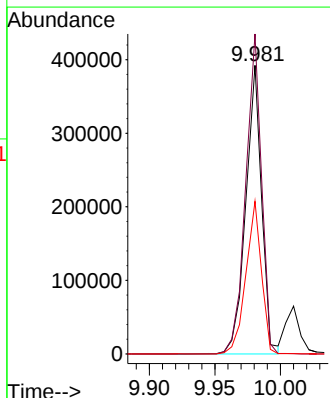
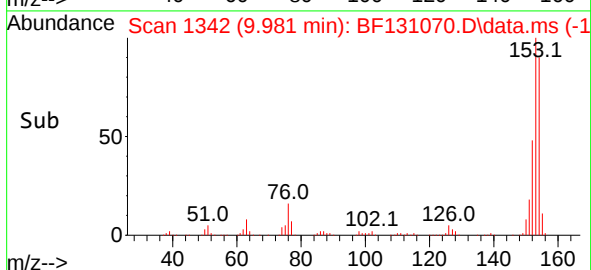
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

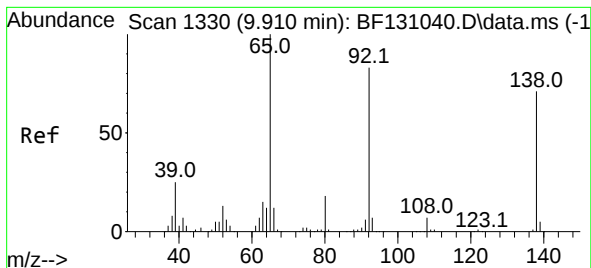


#52
Acenaphthene
Concen: 43.521 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



Tgt Ion:154 Resp: 330160
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.6
152 52.8 42.1 63.1





#53

3-Nitroaniline

Concen: 22.351 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

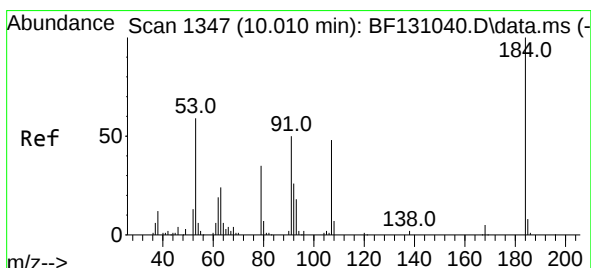
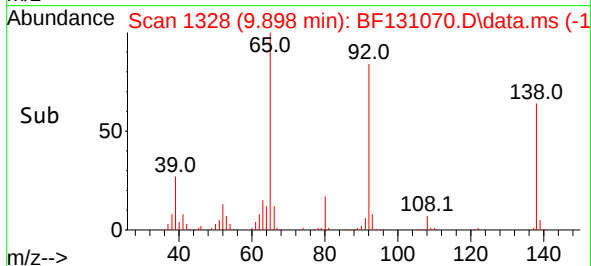
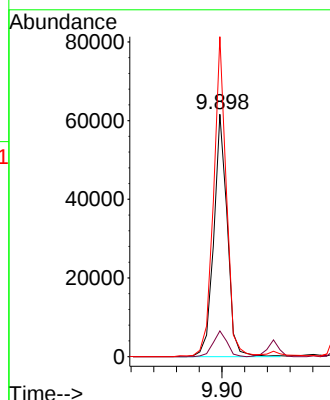
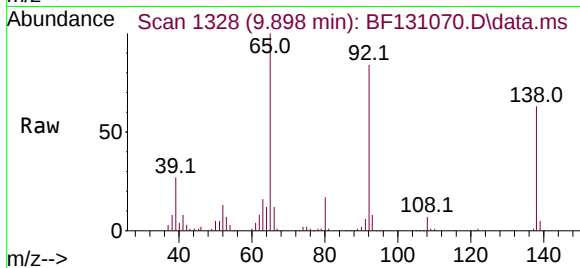
TUL-ROS-1104MSD

Tgt Ion:138	Resp:	50635
Ion Ratio	Lower	Upper
138	100	
108	10.6	8.4 12.6
92	132.1	93.8 140.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#54

2,4-Dinitrophenol

Concen: 74.062 ng

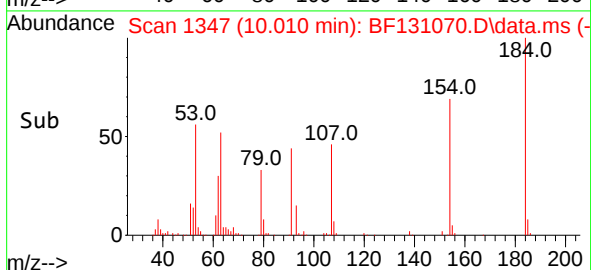
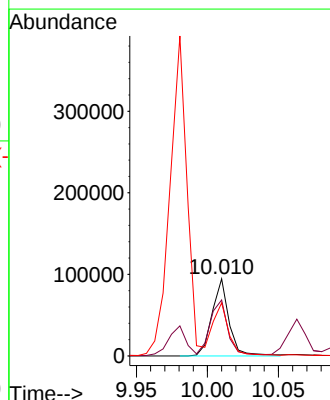
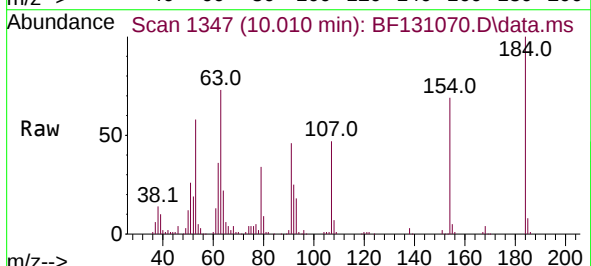
RT: 10.010 min Scan# 1347

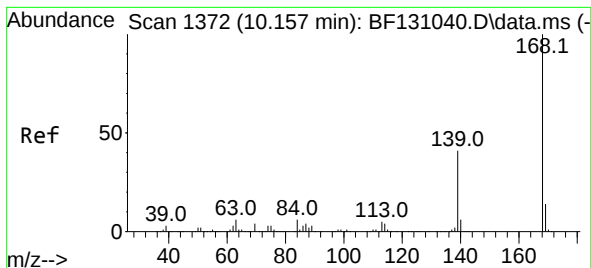
Delta R.T. -0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

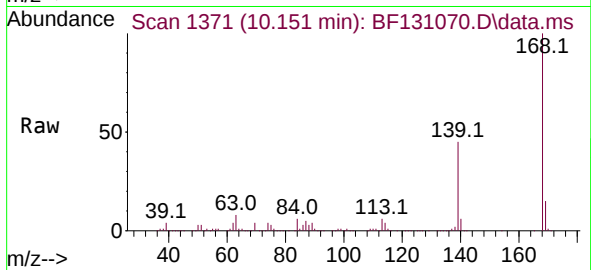
Tgt Ion:184	Resp:	78278
Ion Ratio	Lower	Upper
184	100	
63	72.6	63.8 95.8
154	68.8	53.8 80.6





#55
Dibenzenofuran
Concen: 43.100 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

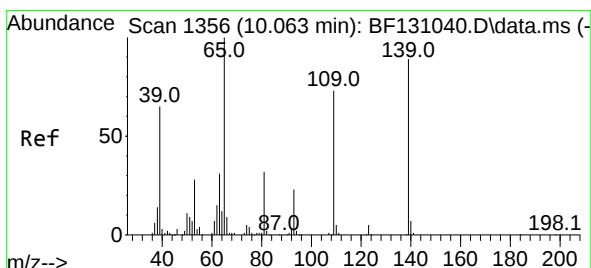
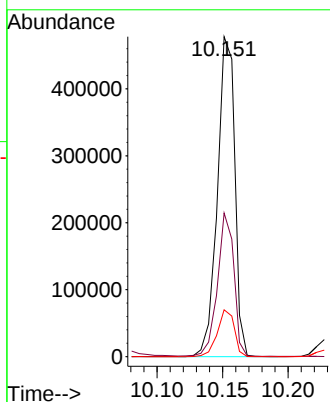
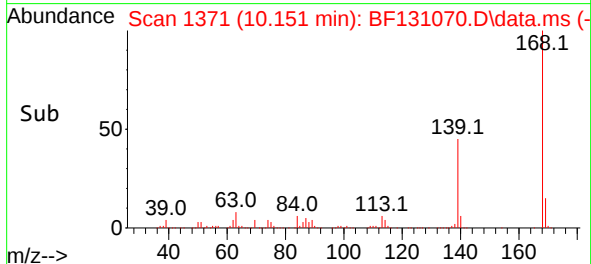
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:168 Resp: 442672
Ion Ratio Lower Upper
168 100
139 44.9 33.0 49.6
169 14.6 11.3 16.9

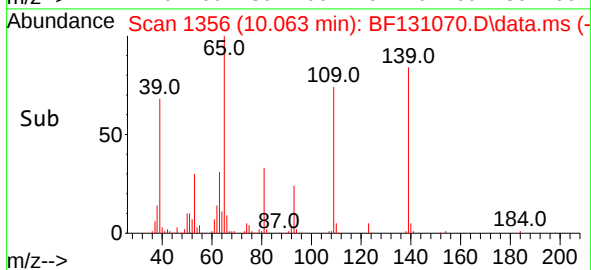
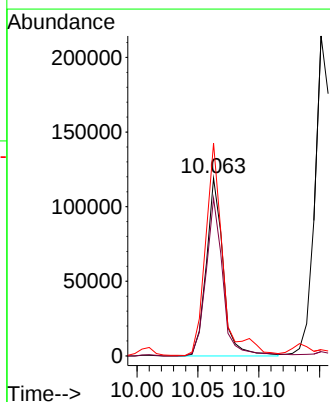
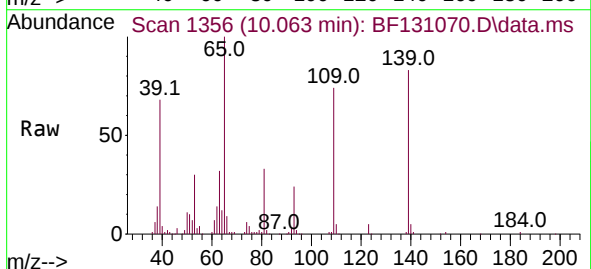
Manual Integrations
APPROVED

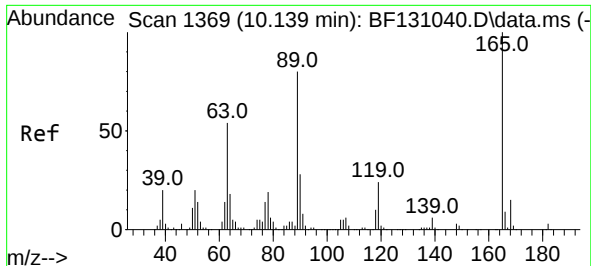
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#56
4-Nitrophenol
Concen: 71.294 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

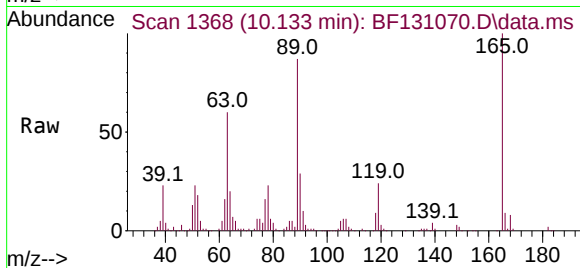
Tgt Ion:139 Resp: 113995
Ion Ratio Lower Upper
139 100
109 88.8 62.3 102.3
65 119.8 92.6 132.6





#57
2,4-Dinitrotoluene
Concen: 39.445 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

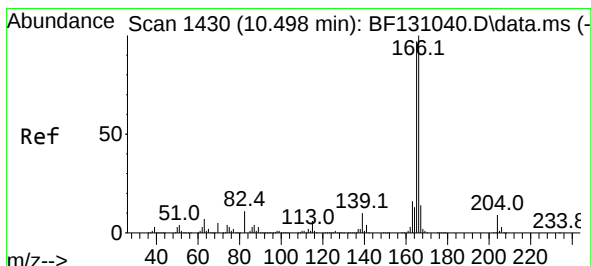
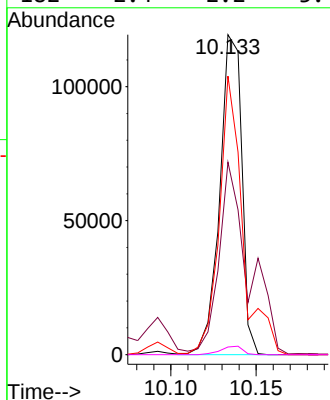
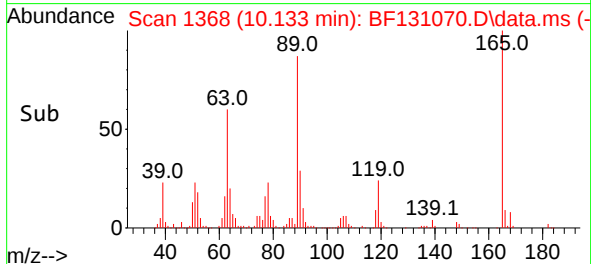
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



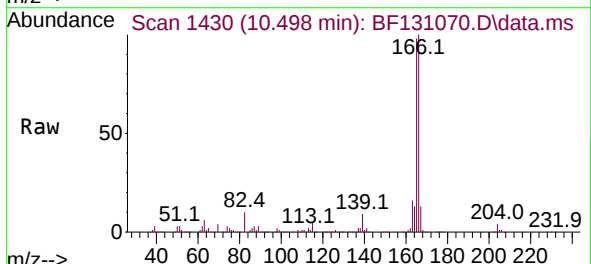
Tgt Ion:165 Resp: 107568
Ion Ratio Lower Upper
165 100
63 60.1 43.4 65.0
89 87.0 64.0 96.0
182 2.4 2.2 3.4

Manual Integrations
APPROVED

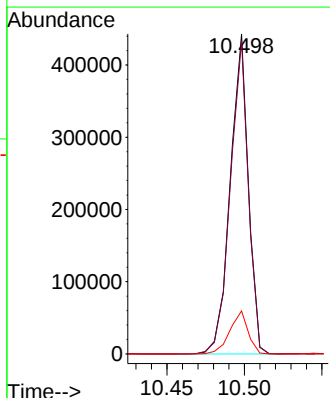
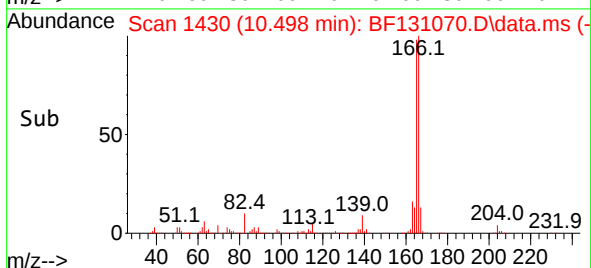
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

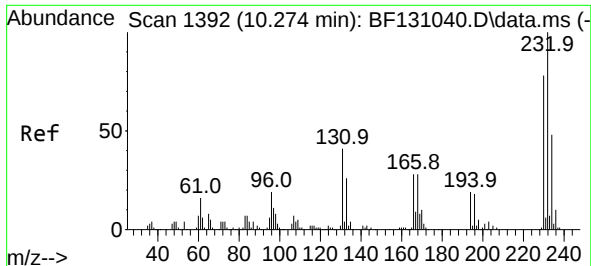


#58
Fluorene
Concen: 39.152 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



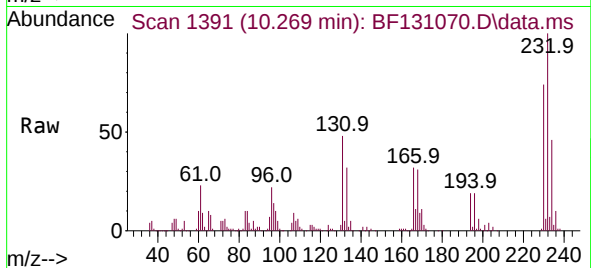
Tgt Ion:166 Resp: 359156
Ion Ratio Lower Upper
166 100
165 97.9 77.2 115.8
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.420 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

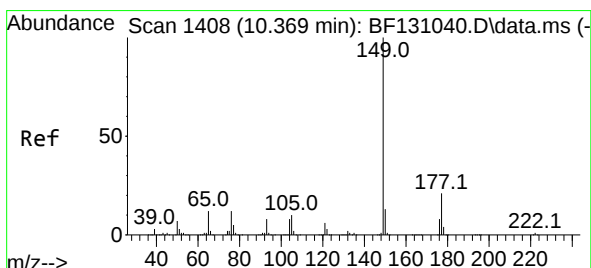
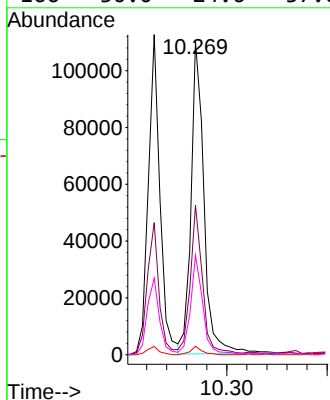
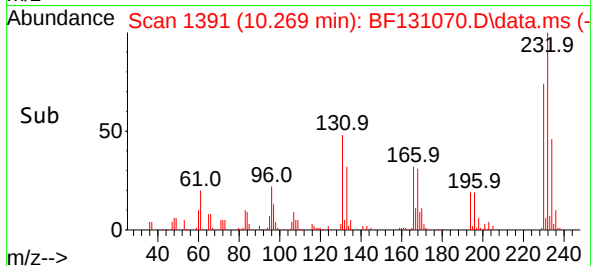
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:232 Resp: 98833
Ion Ratio Lower Upper
232 100
131 44.4 37.8 56.6
130 2.3 2.2 3.2
166 30.0 24.6 37.0

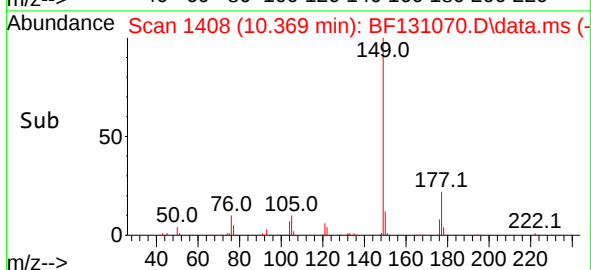
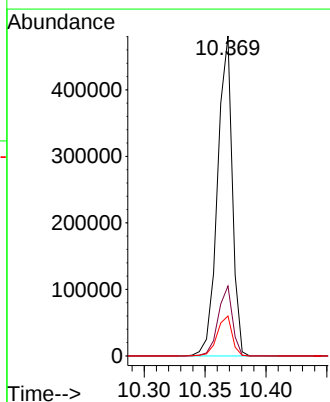
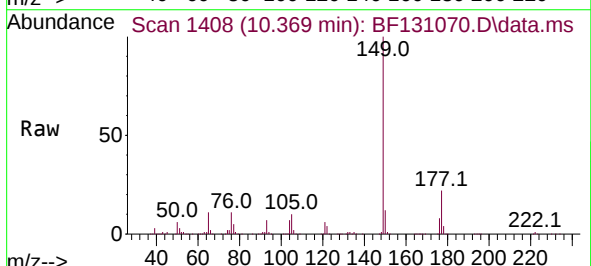
Manual Integrations
APPROVED

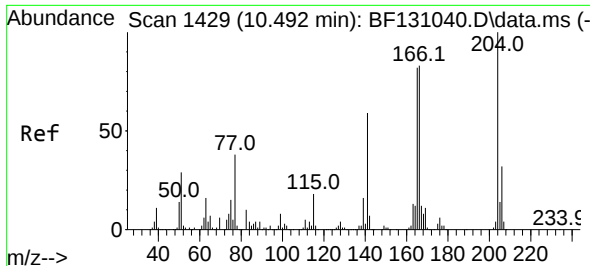
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#60
Diethylphthalate
Concen: 39.333 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

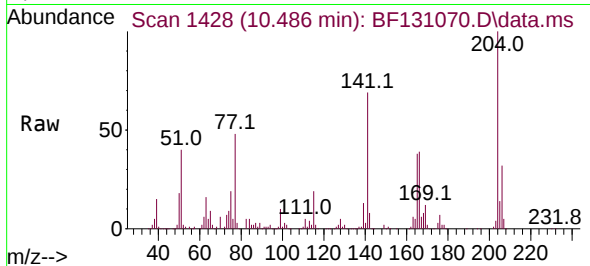
Tgt Ion:149 Resp: 404452
Ion Ratio Lower Upper
149 100
177 21.8 16.6 25.0
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.416 ng
RT: 10.486 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

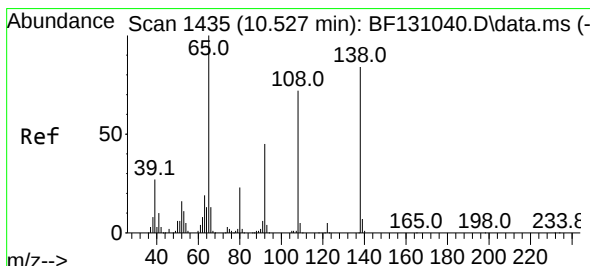
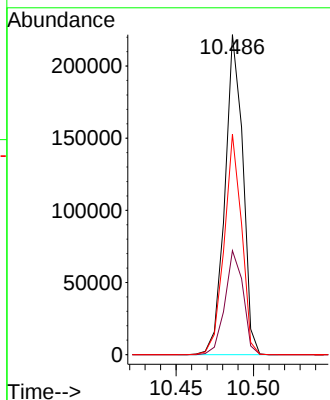
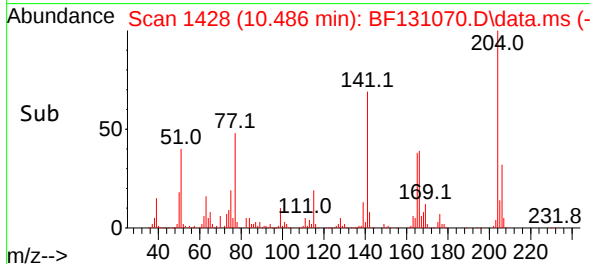
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



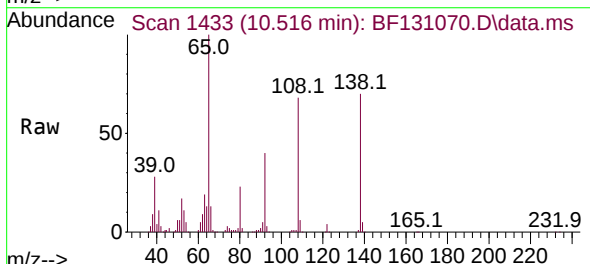
Tgt Ion:204 Resp: 179091
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 68.9 47.1 70.7

Manual Integrations
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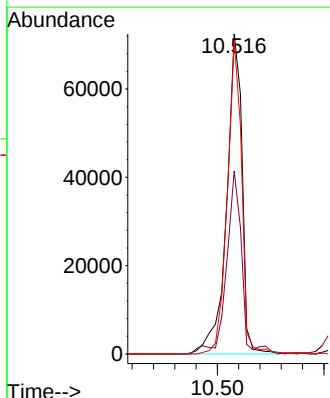
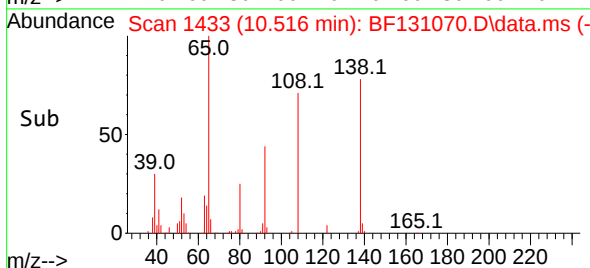
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

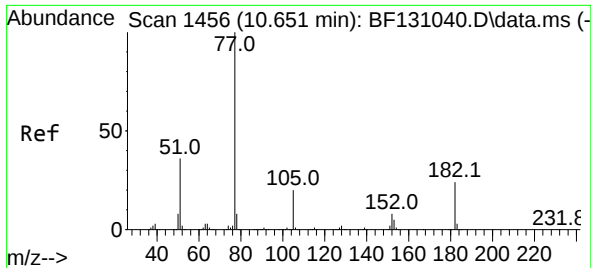


#62
4-Nitroaniline
Concen: 31.529 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



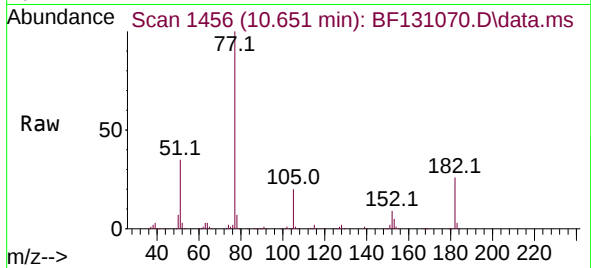
Tgt Ion:138 Resp: 73217
Ion Ratio Lower Upper
138 100
92 57.2 33.5 73.5
108 97.9 66.0 106.0





#63
Azobenzene
Concen: 38.024 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

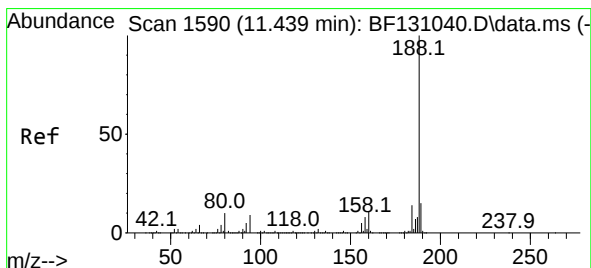
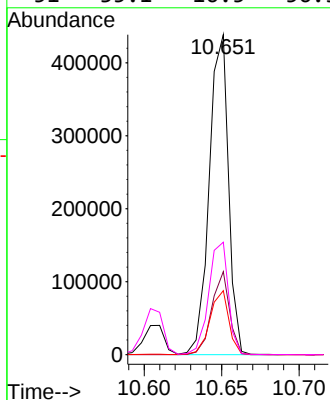
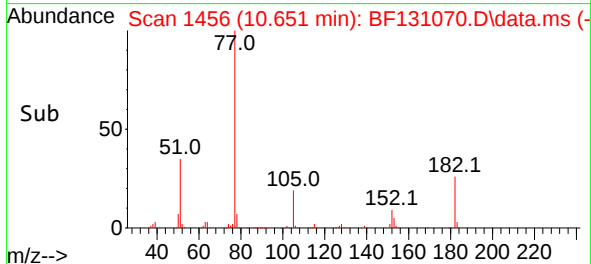
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion: 77 Resp: 380040
Ion Ratio Lower Upper
77 100
182 26.0 3.9 43.9
105 20.0 0.0 39.9
51 35.1 16.5 56.5

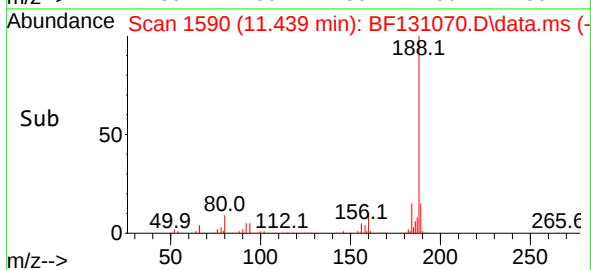
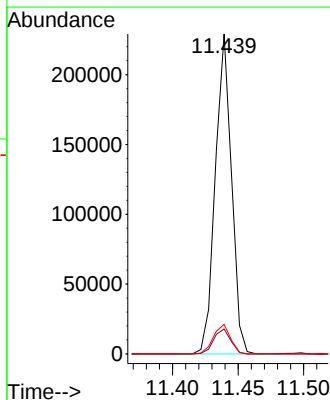
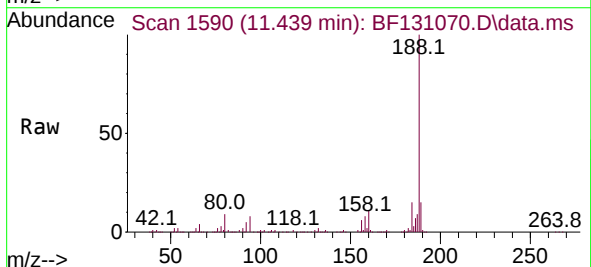
Manual Integrations
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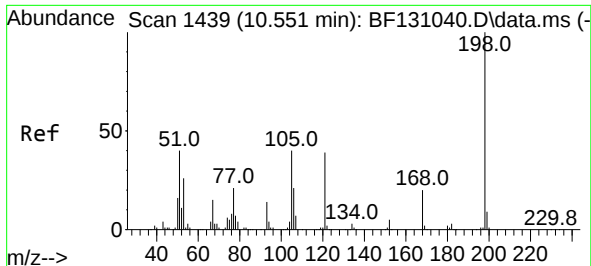
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Tgt Ion:188 Resp: 197321
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 9.2 8.1 12.1





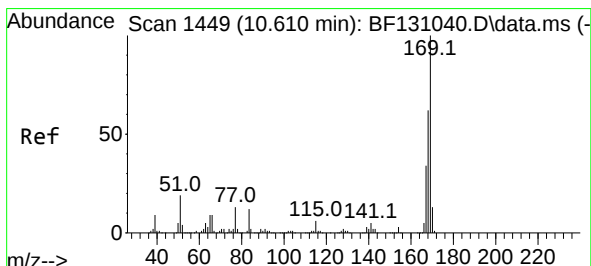
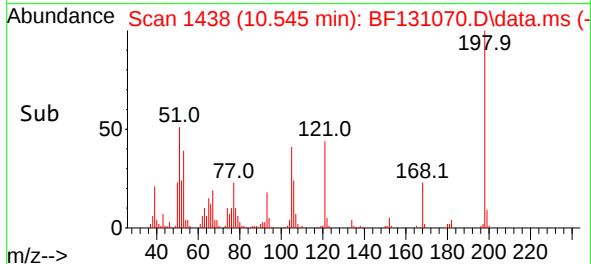
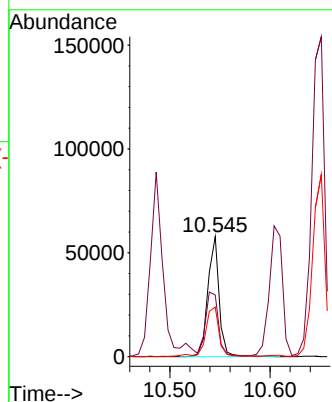
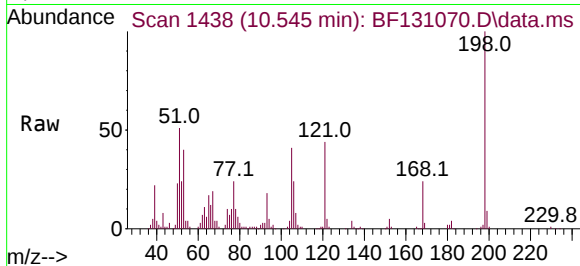
#65
4,6-Dinitro-2-methylphenol
Concen: 35.909 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD

Tgt Ion:198 Resp: 44962
Ion Ratio Lower Upper
198 100
51 51.3 24.0 64.0
105 41.2 20.3 60.3

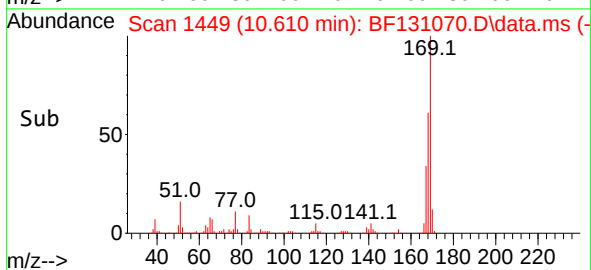
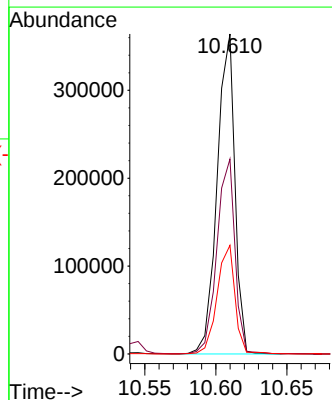
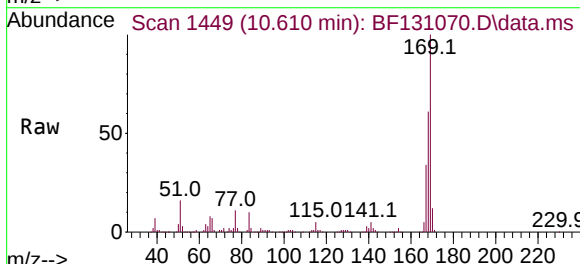
Manual Integrations
APPROVED

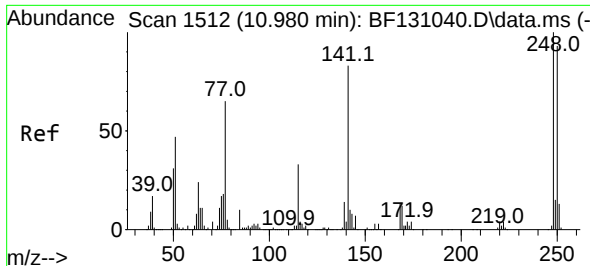
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#66
n-Nitrosodiphenylamine
Concen: 45.501 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

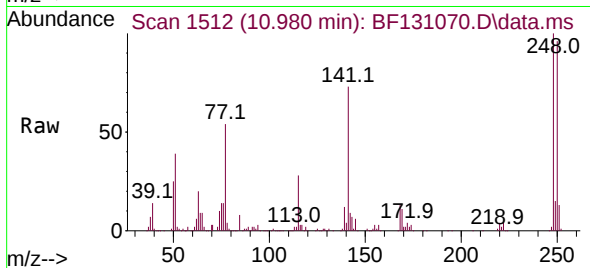
Tgt Ion:169 Resp: 317252
Ion Ratio Lower Upper
169 100
168 60.9 49.4 74.2
167 33.9 27.2 40.8





#67
4-Bromophenyl-phenylether
Concen: 47.693 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

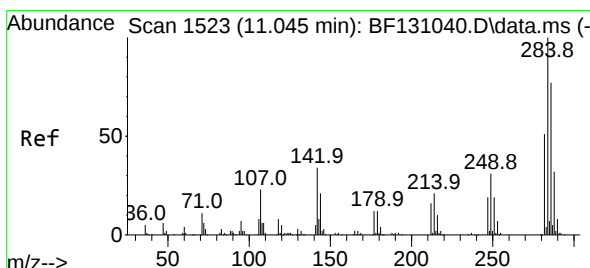
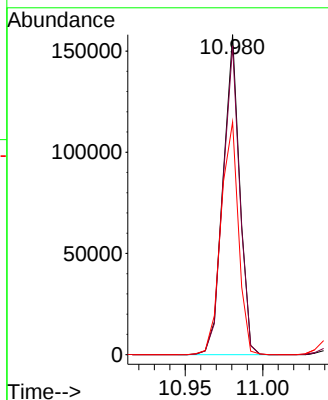
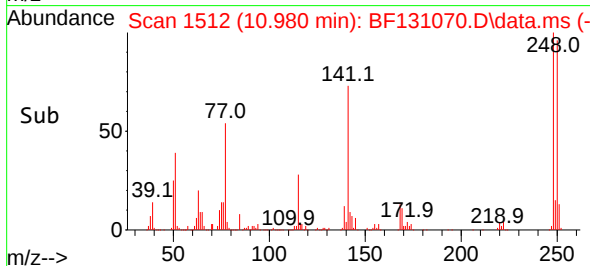
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



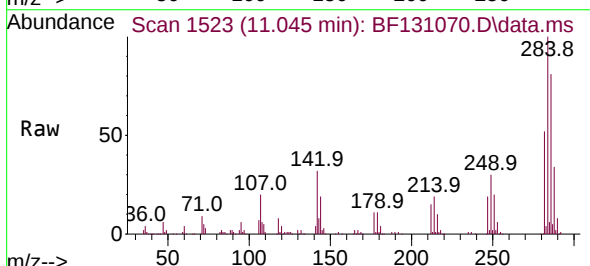
Tgt Ion:248 Resp: 118242
Ion Ratio Lower Upper
248 100
250 96.5 74.6 112.0
141 72.7 66.2 99.2

Manual Integrations
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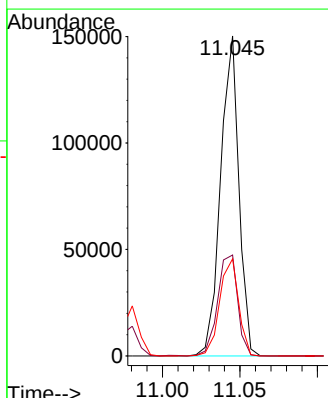
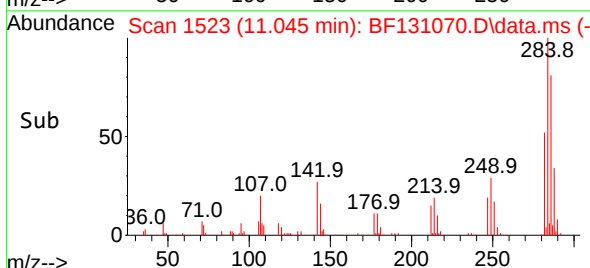
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

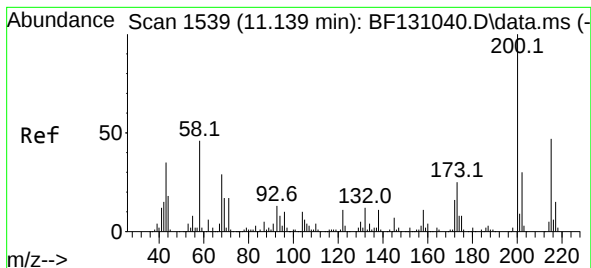


#68
Hexachlorobenzene
Concen: 45.738 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



Tgt Ion:284 Resp: 122999
Ion Ratio Lower Upper
284 100
142 31.5 27.4 41.2
249 30.3 25.1 37.7





#69

Atrazine

Concen: 53.574 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

Tgt Ion:200 Resp: 106259

Ion Ratio Lower Upper

200 100

173 25.7 5.1 45.1

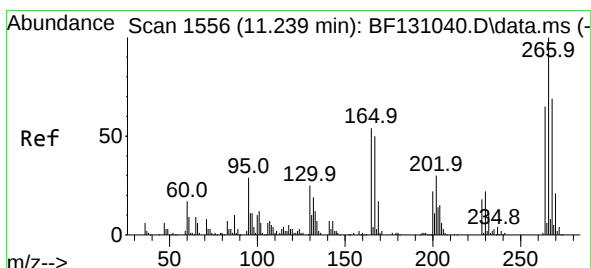
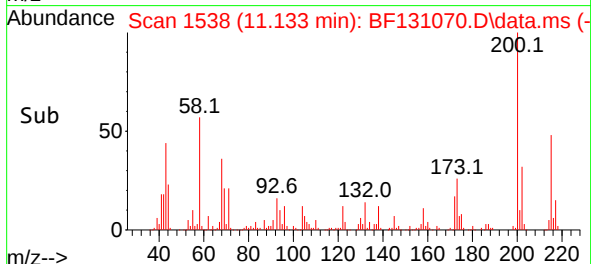
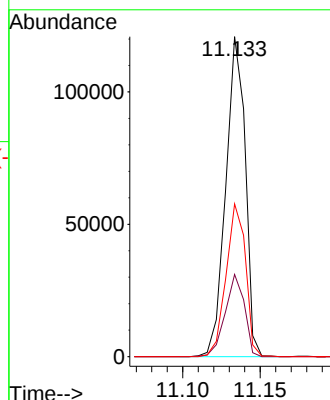
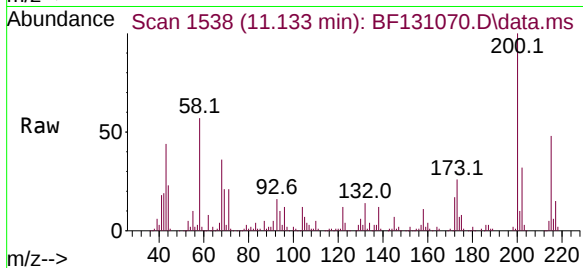
215 47.7 27.5 67.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#70

Pentachlorophenol

Concen: 96.683 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

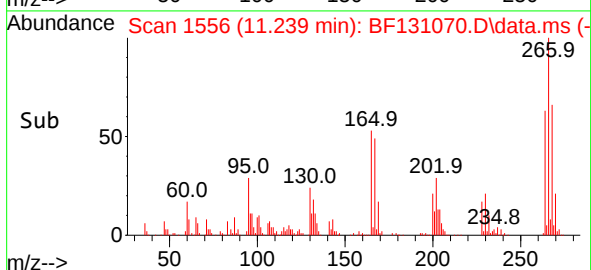
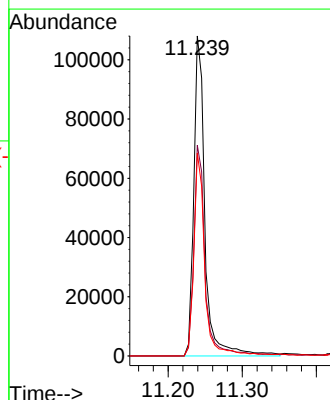
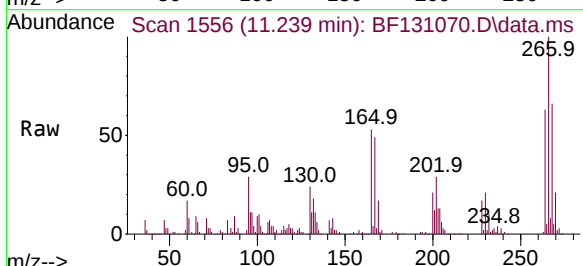
Tgt Ion:266 Resp: 112809

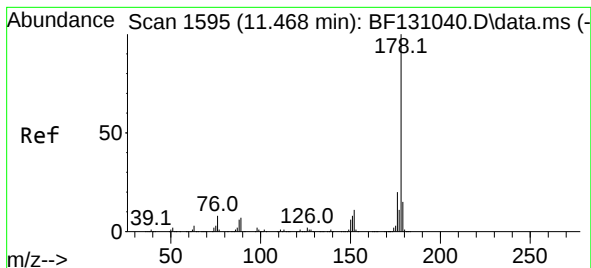
Ion Ratio Lower Upper

266 100

268 65.8 54.8 82.2

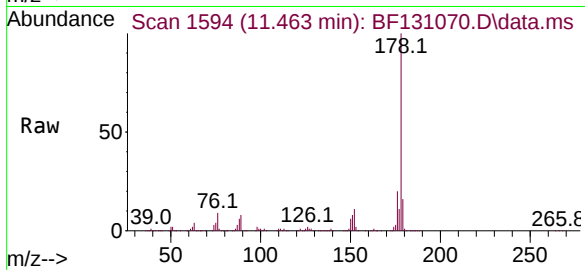
264 63.4 52.3 78.5





#71
Phenanthrene
Concen: 43.862 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.005 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

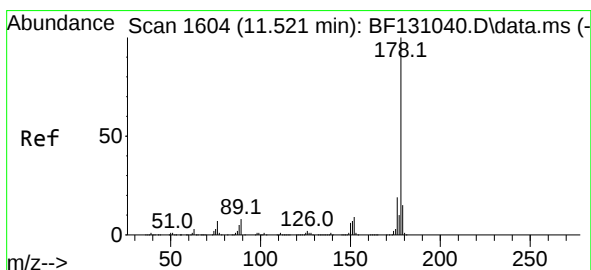
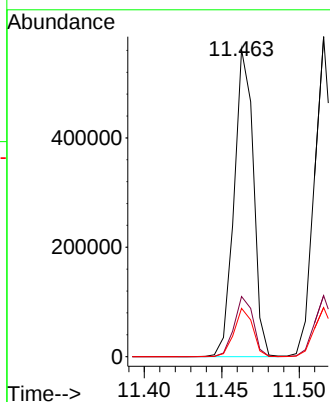
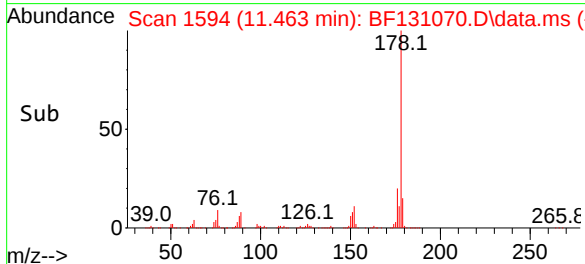
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



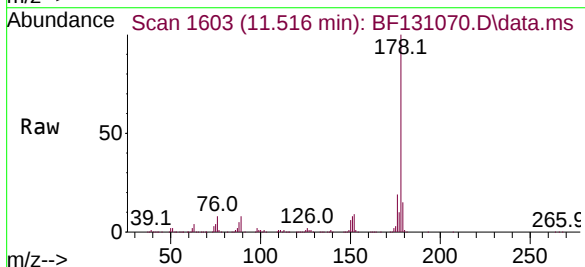
Tgt Ion:178 Resp: 487498
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 12.3 18.5

Manual Integrations
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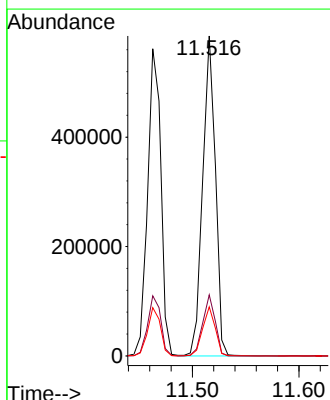
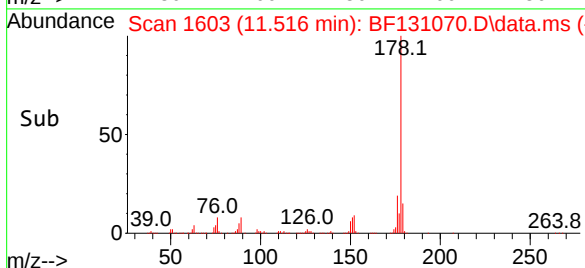
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

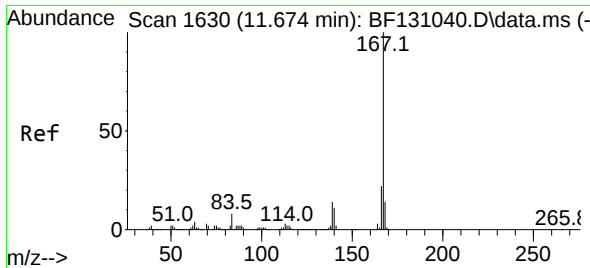


#72
Anthracene
Concen: 44.192 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



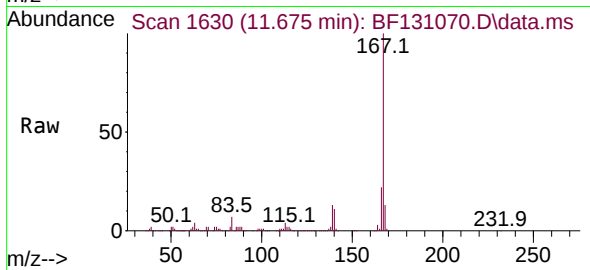
Tgt Ion:178 Resp: 482101
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 41.898 ng
 RT: 11.675 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131070.D
 Acq: 08 Nov 2022 16:54

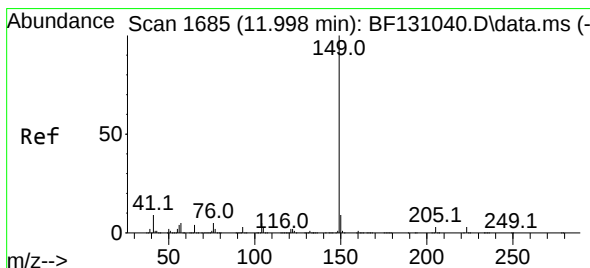
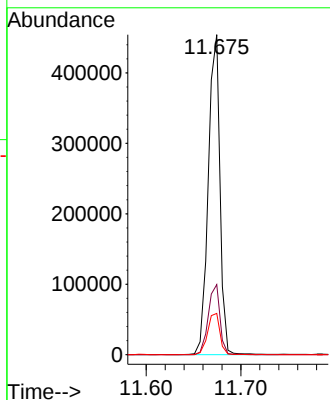
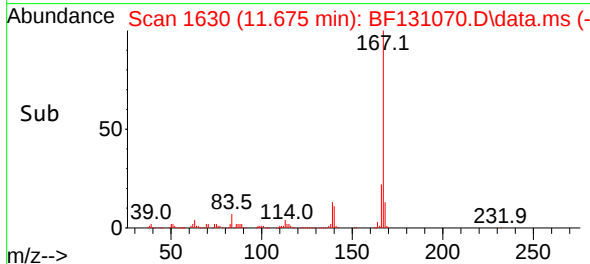
Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104MSD



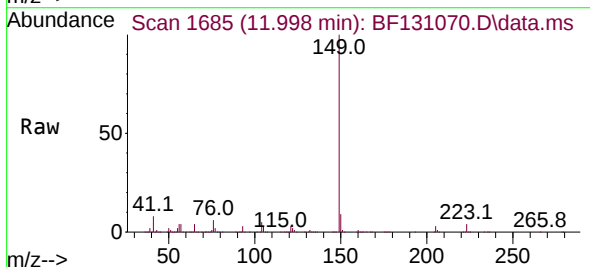
Tgt Ion:167 Resp: 391071
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 12.9 11.0 16.4

Manual Integrations
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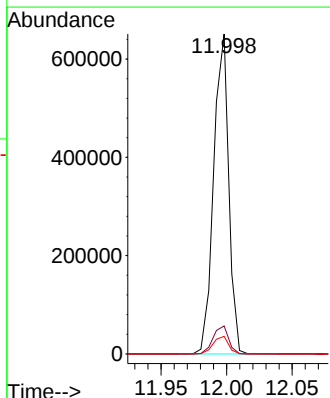
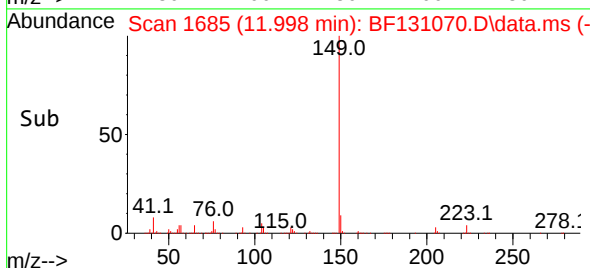
Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022

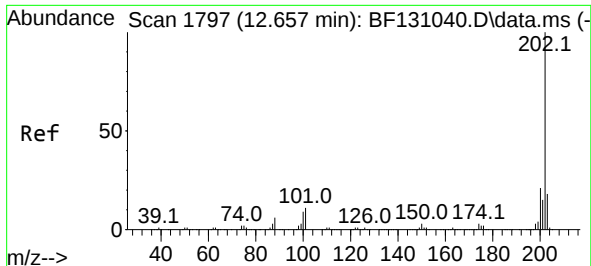


#74
 Di-n-butylphthalate
 Concen: 41.655 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: BF131070.D
 Acq: 08 Nov 2022 16:54



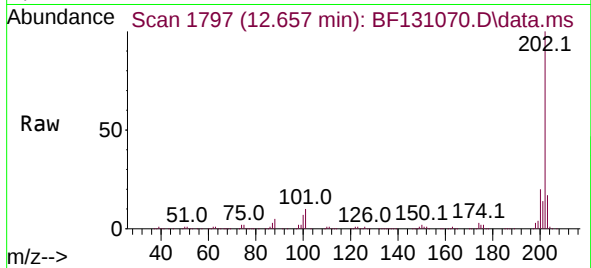
Tgt Ion:149 Resp: 520765
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 38.284 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

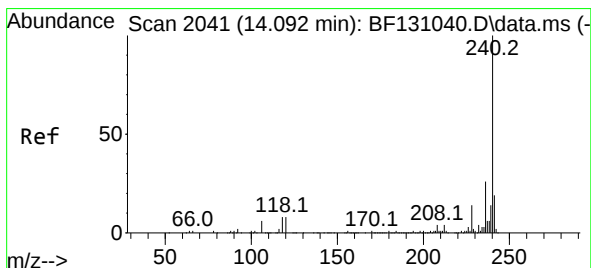
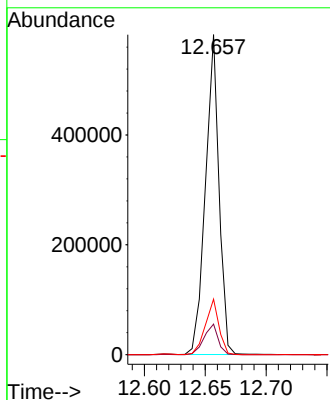
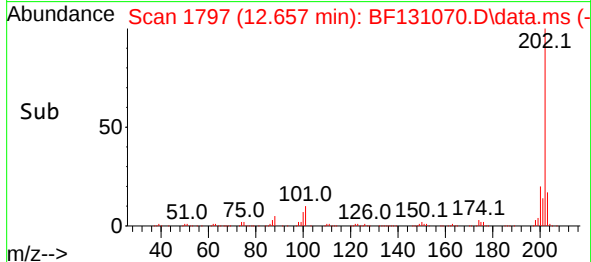
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



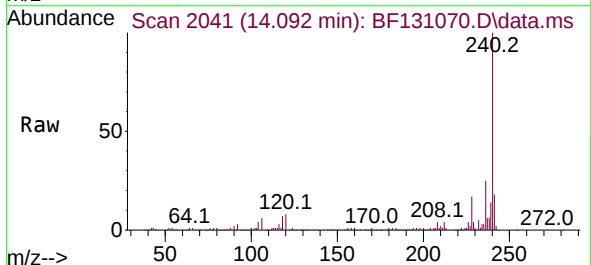
Tgt Ion:202 Resp: 451659
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.9
203 17.3 0.0 37.8

Manual Integrations
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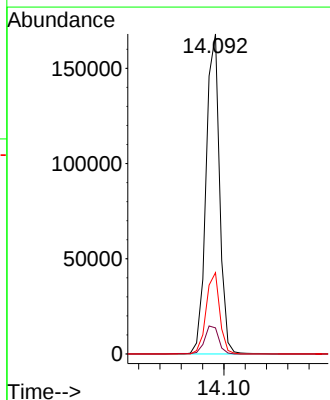
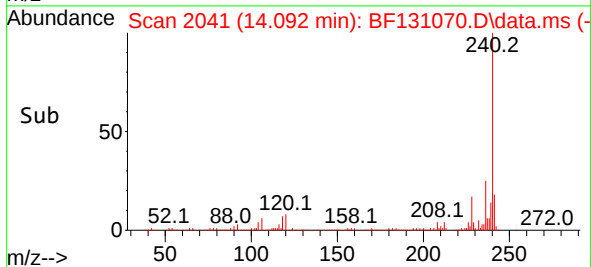
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

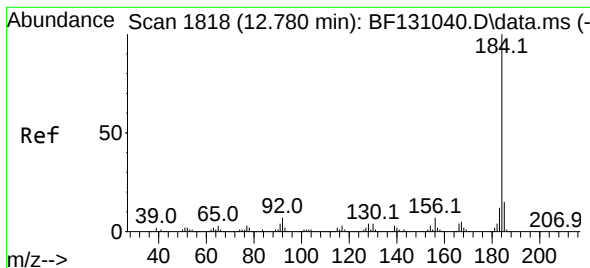


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



Tgt Ion:240 Resp: 147214
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 25.4 20.8 31.2





#77

Benzidine

Concen: 18.610 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

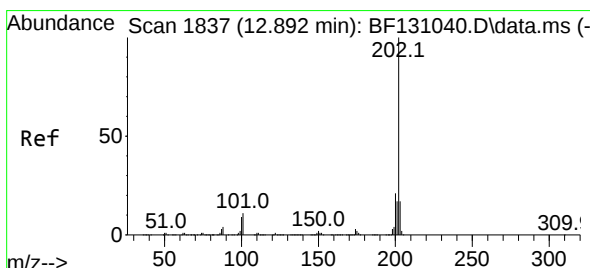
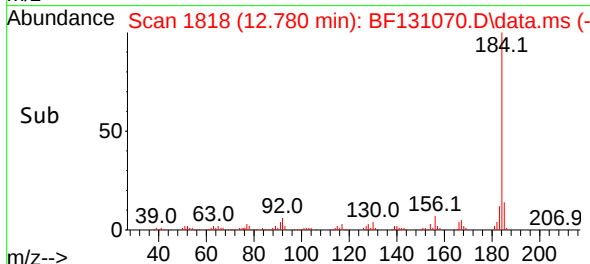
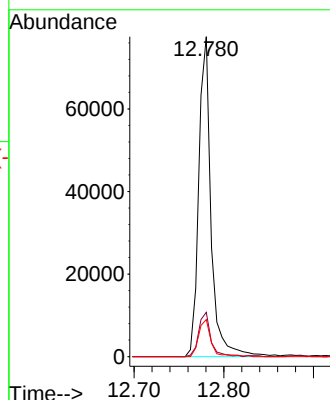
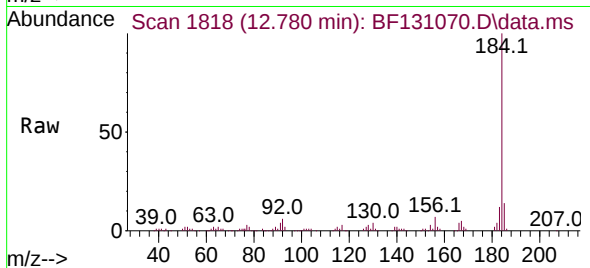
Tgt Ion:184	Resp:	73899
Ion Ratio	Lower	Upper
184	100	
185	13.8	11.7 17.5
183	11.6	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#78

Pyrene

Concen: 35.661 ng

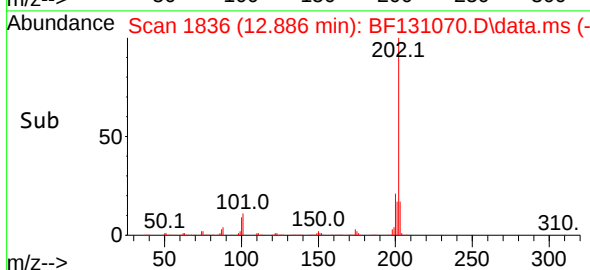
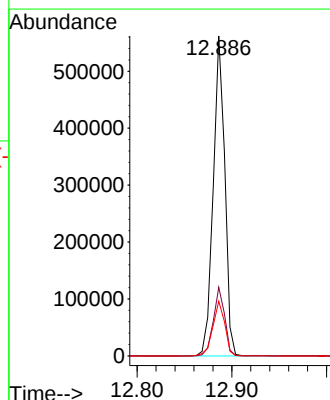
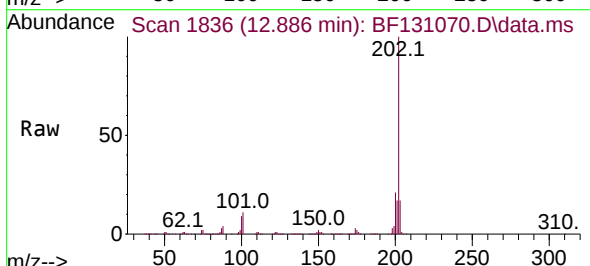
RT: 12.886 min Scan# 1836

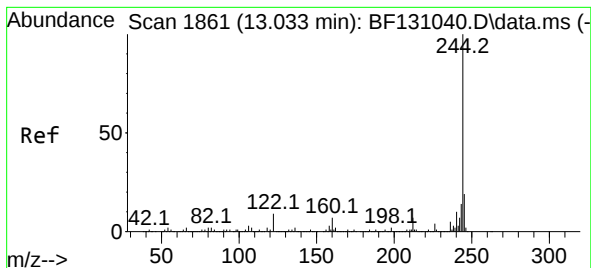
Delta R.T. -0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Tgt Ion:202	Resp:	478120
Ion Ratio	Lower	Upper
202	100	
200	21.4	17.0 25.4
203	17.1	13.8 20.8





#79

Terphenyl-d14

Concen: 81.629 ng

RT: 13.027 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

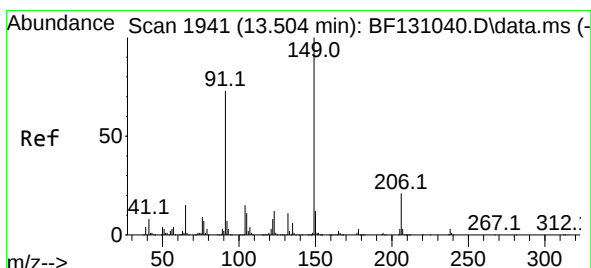
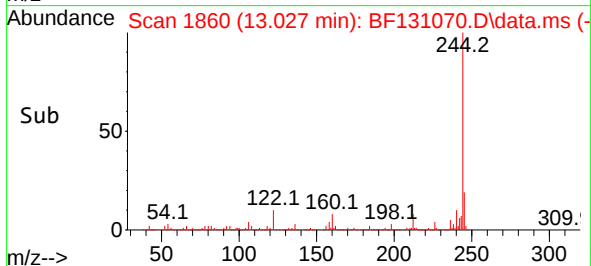
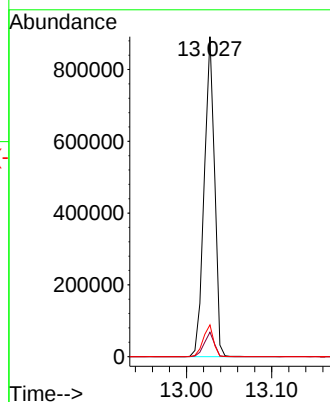
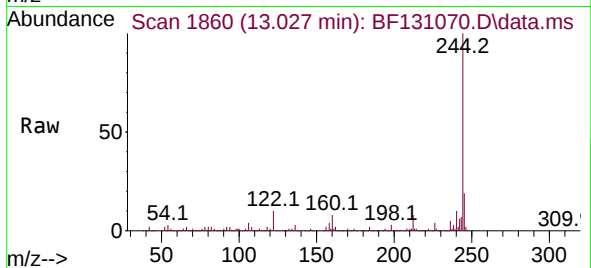
TUL-ROS-1104MSD

Tgt Ion:244 Resp: 749532
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022



#80

Butylbenzylphthalate

Concen: 41.616 ng

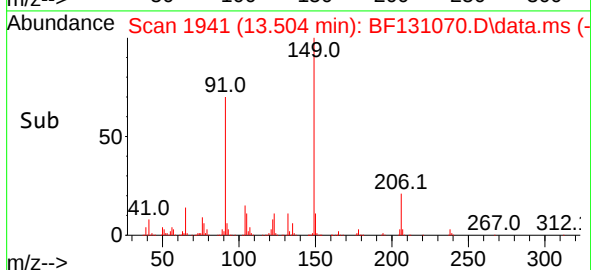
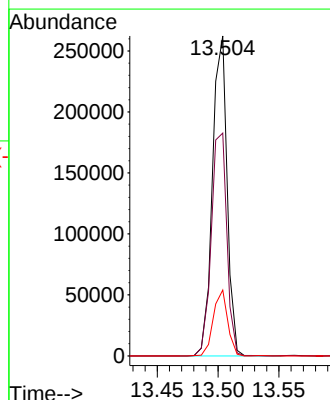
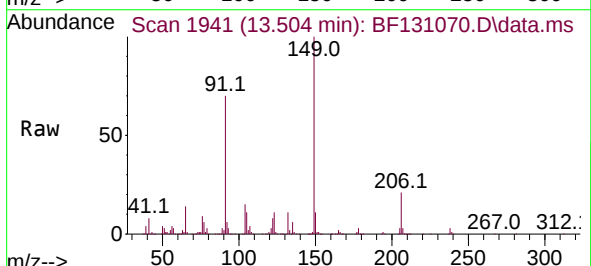
RT: 13.504 min Scan# 1941

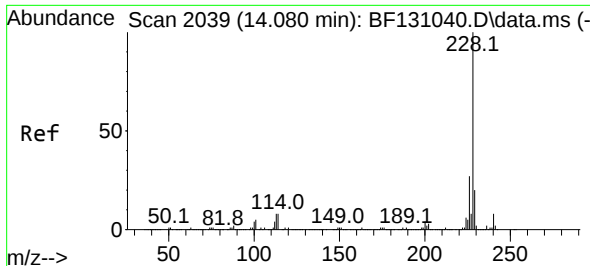
Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

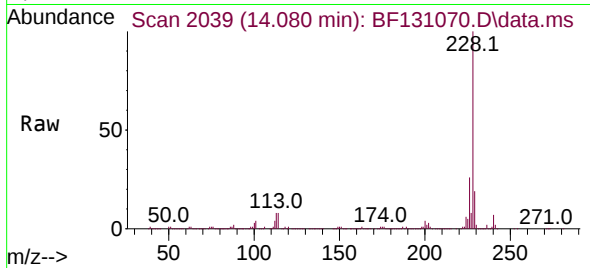
Tgt Ion:149 Resp: 219816
 Ion Ratio Lower Upper
 149 100
 91 69.6 58.3 87.5
 206 20.6 16.5 24.7





#81
Benzo(a)anthracene
Concen: 46.676 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

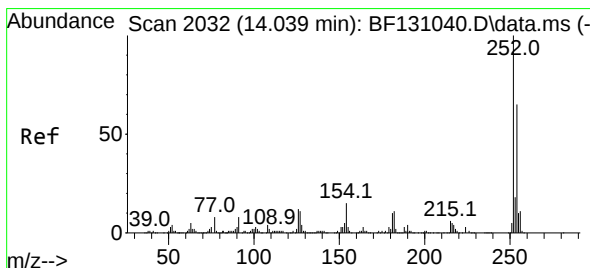
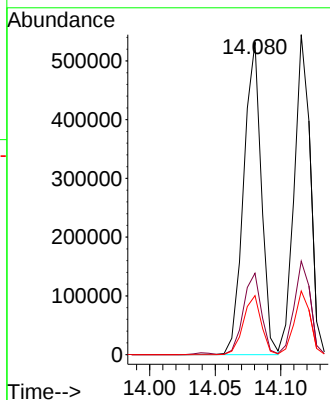
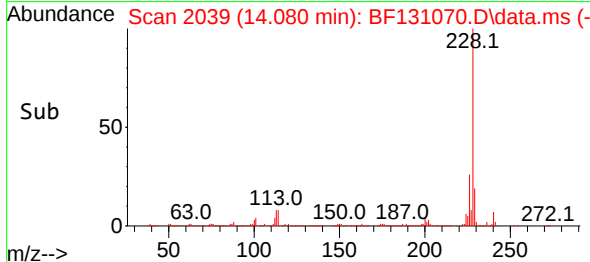
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



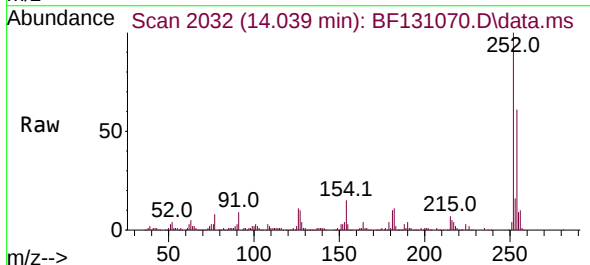
Tgt Ion:228 Resp: 498929
Ion Ratio Lower Upper
228 100
226 26.0 21.8 32.8
229 18.9 15.8 23.6

Manual Integrations
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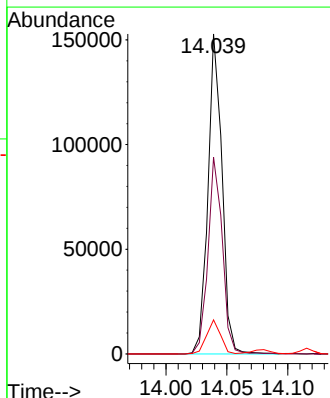
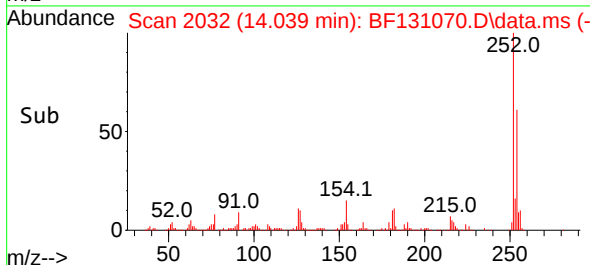
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

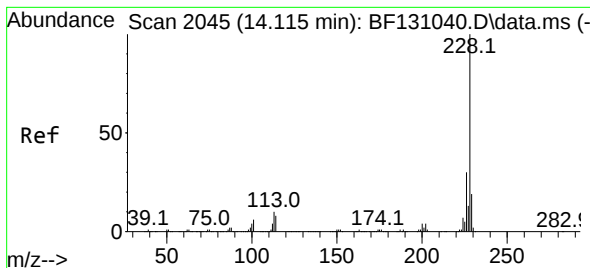


#82
3,3'-Dichlorobenzidine
Concen: 42.238 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54



Tgt Ion:252 Resp: 122688
Ion Ratio Lower Upper
252 100
254 61.5 51.7 77.5
126 10.6 9.2 13.8





#83

Chrysene

Concen: 45.765 ng

RT: 14.116 min Scan# 2045

Delta R.T. 0.001 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

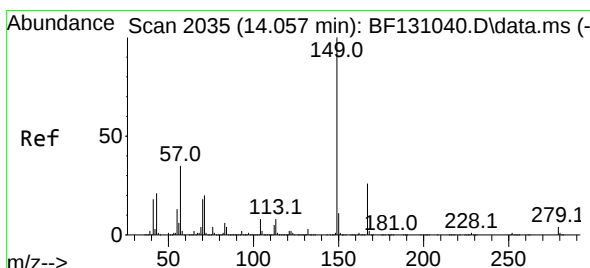
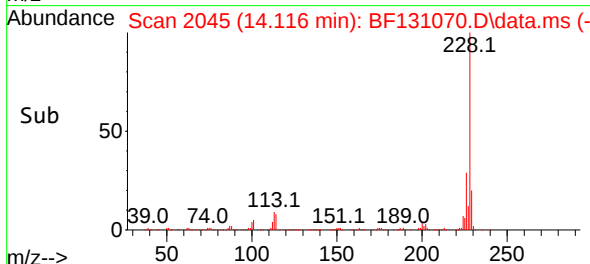
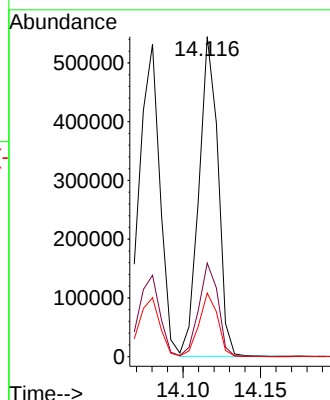
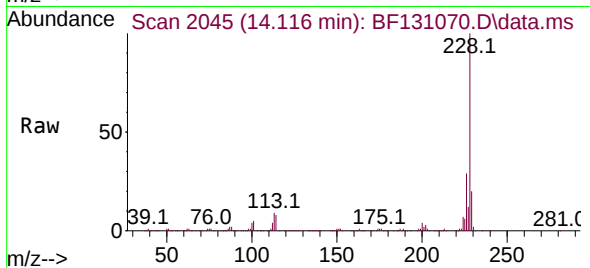
Tgt Ion:228 Resp: 464556

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.976 ng

RT: 14.057 min Scan# 2035

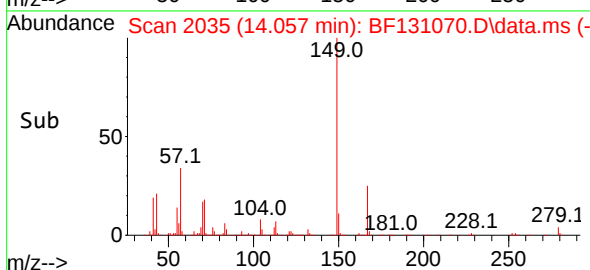
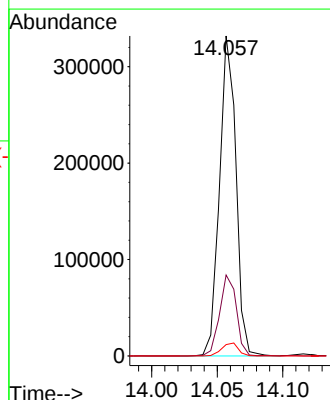
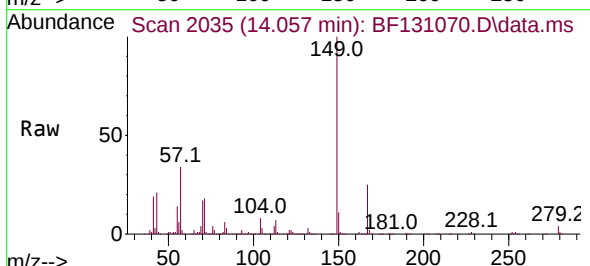
Delta R.T. -0.000 min

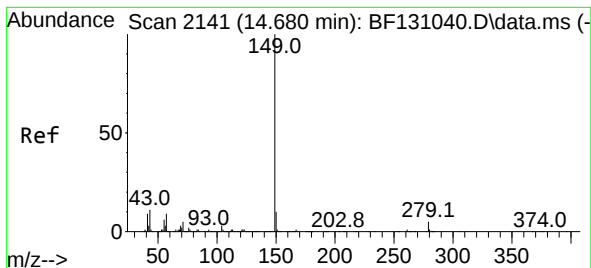
Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Tgt Ion:149 Resp: 290312

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.8	31.2
279	3.6	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 63.068 ng

RT: 14.674 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

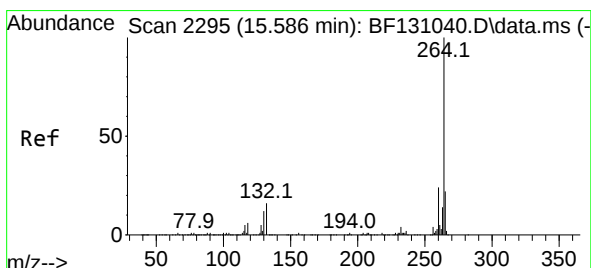
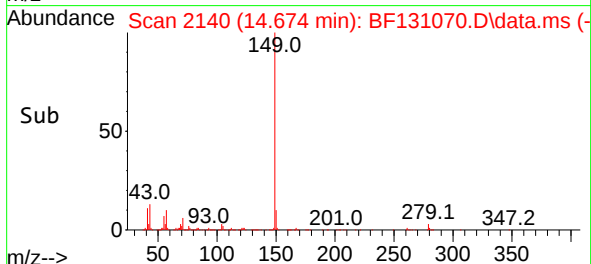
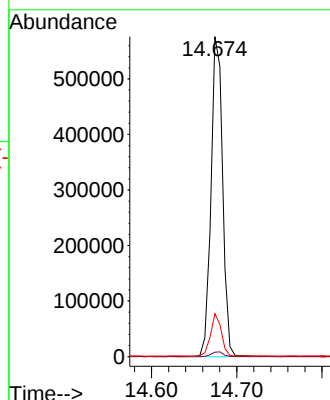
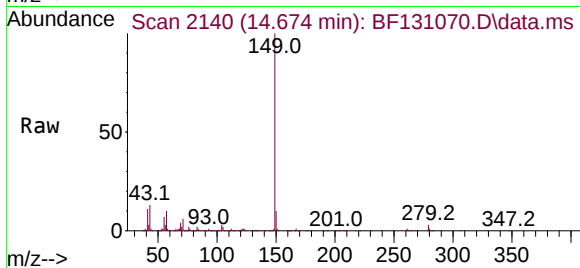
Tgt Ion:149 Resp: 543854
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.3 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#86

Perylene-d12

Concen: 20.000 ng

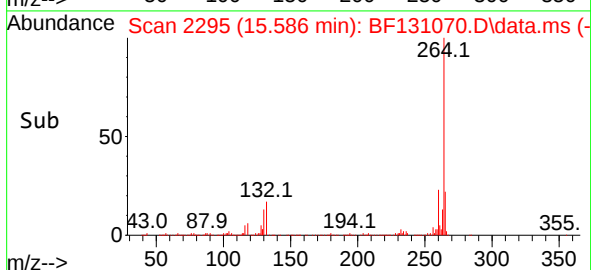
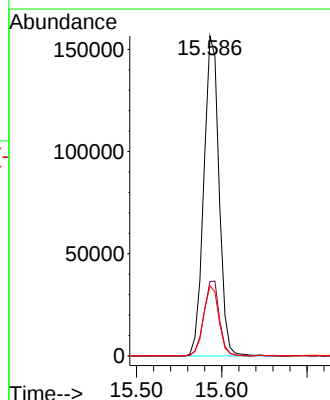
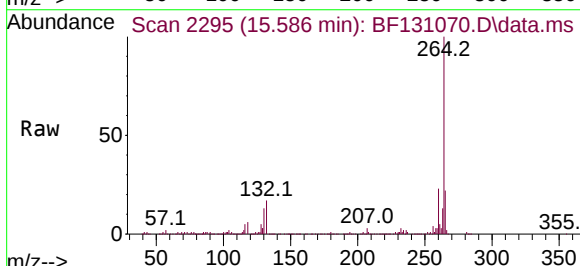
RT: 15.586 min Scan# 2295

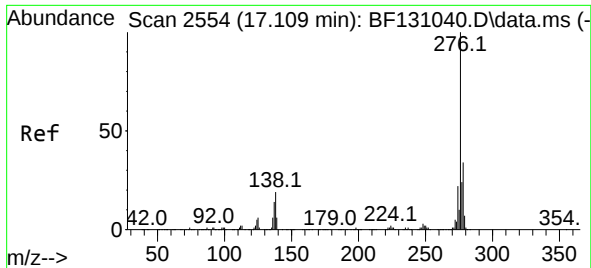
Delta R.T. 0.000 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

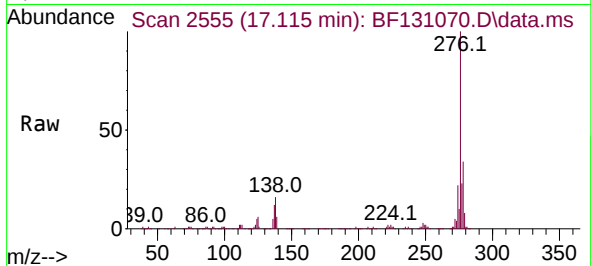
Tgt Ion:264 Resp: 193874
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.9 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 27.548 ng
RT: 17.115 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

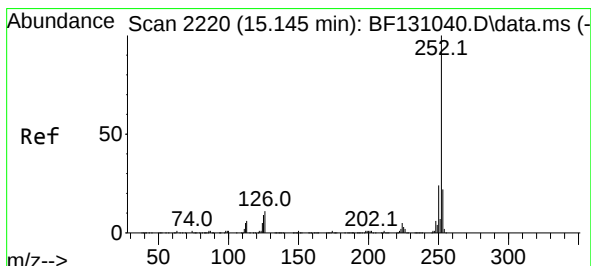
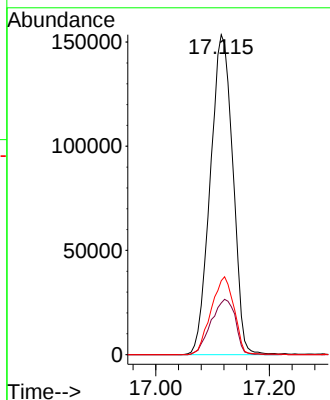
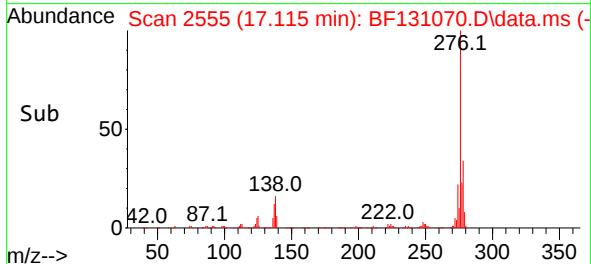
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion: 276 Resp: 422943
Ion Ratio Lower Upper
276 100
138 18.7 17.3 25.9
277 24.9 20.2 30.4

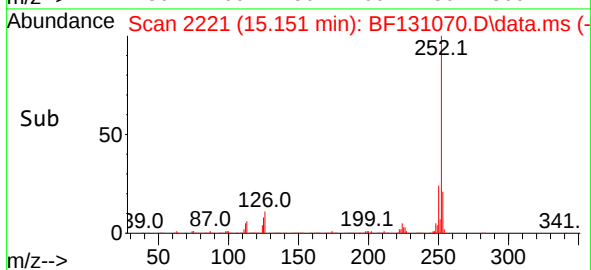
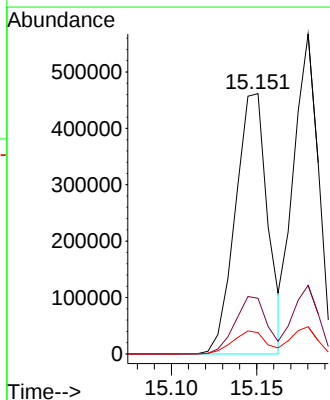
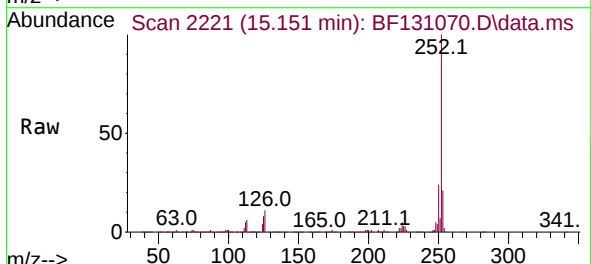
Manual Integrations
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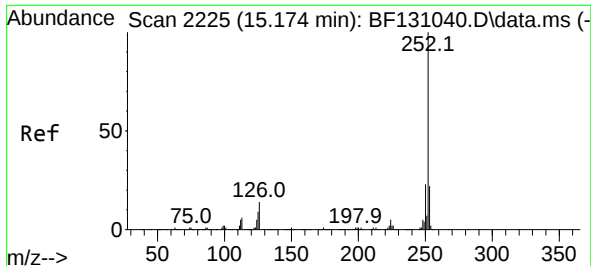
Reviewed By : Christian Giraldo 11/09/2022
Supervised By : Jagrut Upadhyay 11/09/2022



#88
Benzo(b)fluoranthene
Concen: 43.267 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Tgt Ion: 252 Resp: 609583
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 8.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.164 ng

RT: 15.180 min Scan# 2225

Delta R.T. 0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MSD

Tgt Ion:252 Resp: 578766

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

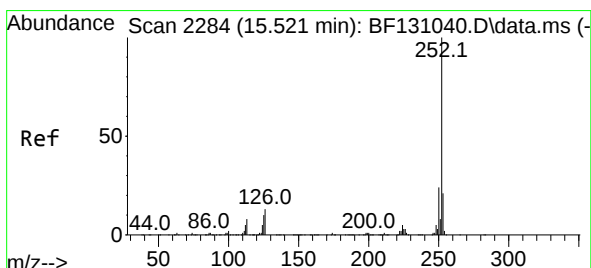
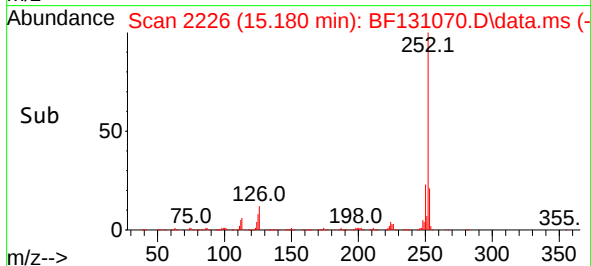
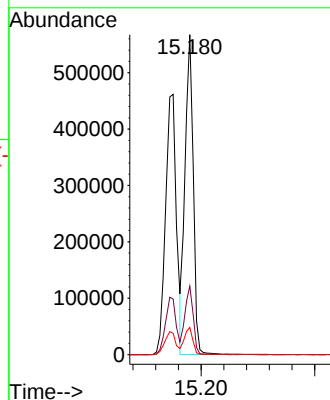
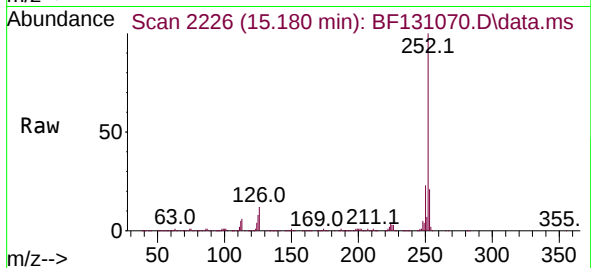
125 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#90

Benzo(a)pyrene

Concen: 48.416 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF131070.D

Acq: 08 Nov 2022 16:54

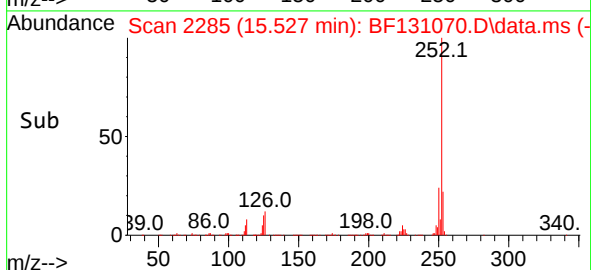
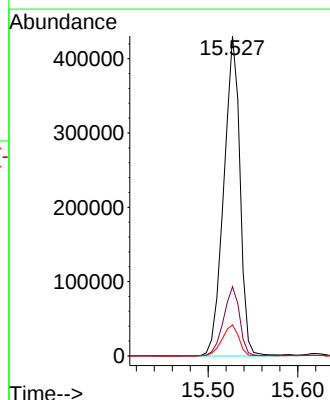
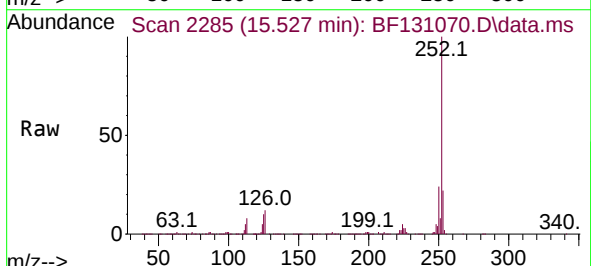
Tgt Ion:252 Resp: 542310

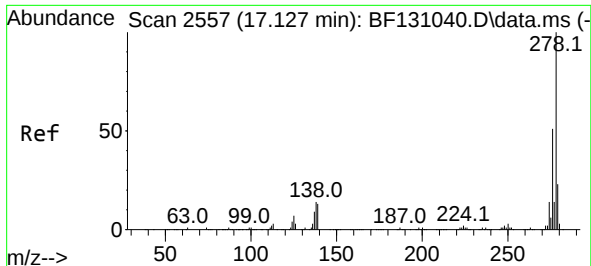
Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

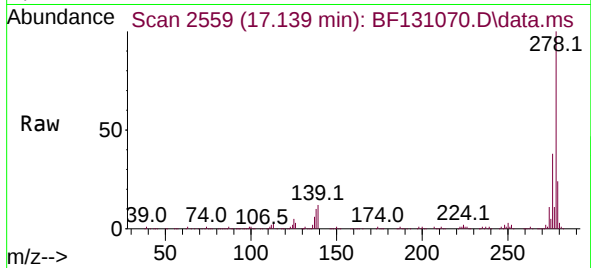
125 9.7 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 27.521 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

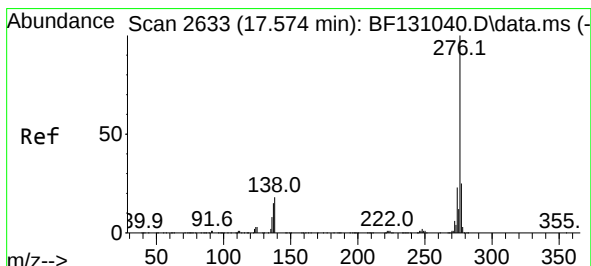
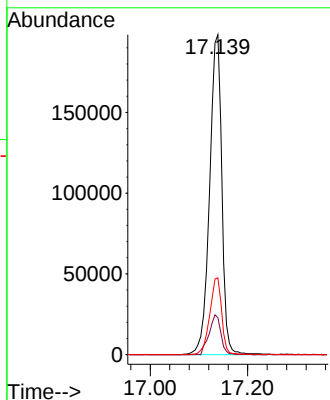
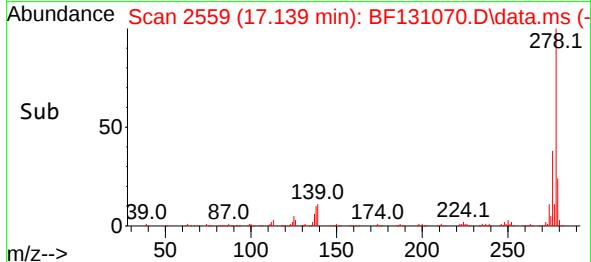
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MSD



Tgt Ion:278 Resp: 346681
Ion Ratio Lower Upper
278 100
139 11.6 10.8 16.2
279 24.0 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#92
Benzo(g,h,i)perylene
Concen: 25.090 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.012 min
Lab File: BF131070.D
Acq: 08 Nov 2022 16:54

Tgt Ion:276 Resp: 317253
Ion Ratio Lower Upper
276 100
277 22.4 20.0 30.0
138 15.0 14.8 22.2

