

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131069.D
 Acq On : 08 Nov 2022 16:21
 Operator : CG\JU
 Sample : N5479-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104MS

Quant Time: Nov 08 17:30:38 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	71702	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	228572	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	104549	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	193628	20.000	ng	0.00
76) Chrysene-d12	14.092	240	138080	20.000	ng	0.00
86) Perylene-d12	15.586	264	184293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	514478	115.700	ng	0.02
7) Phenol-d6	6.534	99	594625	109.560	ng	0.00
23) Nitrobenzene-d5	7.469	82	461512	93.591	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	142630	123.912	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	692612	90.284	ng	0.00
79) Terphenyl-d14	13.027	244	689745	80.087	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	89415	42.297	ng	# 81
3) Pyridine	3.581	79	152808	26.004	ng	97
4) n-Nitrosodimethylamine	3.528	42	134954	40.840	ng	97
6) Aniline	6.563	93	96080	14.235	ng	96
8) 2-Chlorophenol	6.686	128	193276	39.073	ng	96
9) Benzaldehyde	6.457	77	107831	34.395	ng	96
10) Phenol	6.545	94	221387	34.809	ng	94
11) bis(2-Chloroethyl)ether	6.639	93	223211	48.383	ng	99
12) 1,3-Dichlorobenzene	6.845	146	246385	45.260	ng	96
13) 1,4-Dichlorobenzene	6.922	146	249104	43.940	ng	98
14) 1,2-Dichlorobenzene	7.069	146	232543	41.966	ng	98
15) Benzyl Alcohol	7.045	79	182468	38.490	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366044	45.625	ng	99
17) 2-Methylphenol	7.151	107	150973	36.480	ng	99
18) Hexachloroethane	7.410	117	97806	45.539	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	158920	41.088	ng	96
20) 3+4-Methylphenols	7.304	107	201208	37.594	ng	# 83
22) Acetophenone	7.310	105	301989	49.626	ng	# 92
24) Nitrobenzene	7.486	77	241246	47.701	ng	96
25) Isophorone	7.722	82	402900	47.668	ng	99
26) 2-Nitrophenol	7.804	139	99106	46.013	ng	98
27) 2,4-Dimethylphenol	7.833	122	174500m	52.434	ng	
28) bis(2-Chloroethoxy)met...	7.933	93	242491	51.948	ng	99
29) 2,4-Dichlorophenol	8.045	162	161559	45.074	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	174135	44.555	ng	99
31) Naphthalene	8.210	128	597777	47.853	ng	99
32) Benzoic acid	7.951	122	99009	43.672	ng	93
33) 4-Chloroaniline	8.263	127	56035	11.471	ng	97
34) Hexachlorobutadiene	8.322	225	117130	45.907	ng	99
35) Caprolactam	8.622	113	40774m	37.076	ng	
36) 4-Chloro-3-methylphenol	8.739	107	170208	43.998	ng	99
37) 2-Methylnaphthalene	8.898	142	339408	42.706	ng	98
38) 1-Methylnaphthalene	8.998	142	351854	46.365	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	193646	57.462	ng	98
41) Hexachlorocyclopentadiene	9.051	237	175180	112.774	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	107326	47.754	ng	98

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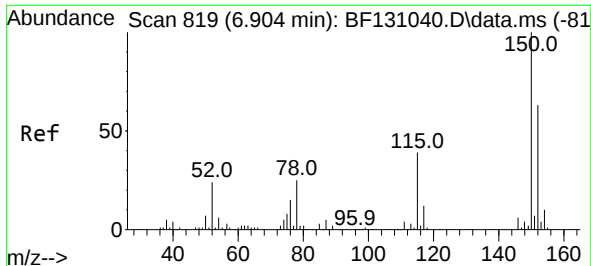
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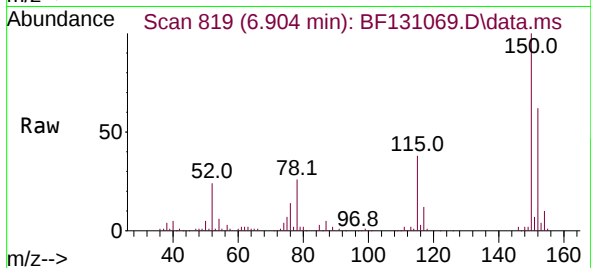
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	111902	44.402	ng	97
46) 1,1'-Biphenyl	9.363	154	411715	50.559	ng	99
47) 2-Chloronaphthalene	9.392	162	313978	47.559	ng	98
48) 2-Nitroaniline	9.486	65	108614	44.763	ng	93
49) Acenaphthylene	9.810	152	454924	44.841	ng	99
50) Dimethylphthalate	9.663	163	335237	41.491	ng	100
51) 2,6-Dinitrotoluene	9.727	165	72806	42.358	ng	97
52) Acenaphthene	9.980	154	270006	43.463	ng	98
53) 3-Nitroaniline	9.898	138	42985	23.171	ng	88
54) 2,4-Dinitrophenol	10.010	184	65734	75.949	ng	95
55) Dibenzofuran	10.151	168	437714	52.777	ng	98
56) 4-Nitrophenol	10.063	139	114086	87.131	ng	97
57) 2,4-Dinitrotoluene	10.133	165	108121	48.418	ng	99
58) Fluorene	10.498	166	306912	40.856	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	86381	42.073	ng	98
60) Diethylphthalate	10.369	149	330786	39.283	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	153357	41.217	ng	90
62) 4-Nitroaniline	10.516	138	64351	33.840	ng	95
63) Azobenzene	10.651	77	323983	39.585	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	45115	36.719	ng	99
66) n-Nitrosodiphenylamine	10.610	169	272045	39.761	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	94394	38.800	ng	96
68) Hexachlorobenzene	11.045	284	104272	39.513	ng	96
69) Atrazine	11.133	200	88164	45.299	ng	99
70) Pentachlorophenol	11.239	266	100012	87.350	ng	98
71) Phenanthrene	11.463	178	491540	45.069	ng	99
72) Anthracene	11.516	178	504747	47.150	ng	99
73) Carbazole	11.674	167	434440	47.433	ng	99
74) Di-n-butylphthalate	11.998	149	509312	41.516	ng	99
75) Fluoranthene	12.657	202	494940	42.753	ng	99
77) Benzidine	12.780	184	41637	11.179	ng	100
78) Pyrene	12.886	202	493806	39.268	ng	100
80) Butylbenzylphthalate	13.504	149	183153	36.969	ng	99
81) Benzo(a)anthracene	14.080	228	438009	43.688	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	98168	36.032	ng	99
83) Chrysene	14.115	228	423223	44.451	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	257122	45.302	ng	98
85) Di-n-octyl phthalate	14.674	149	471373	58.279	ng	100
87) Indeno(1,2,3-cd)pyrene	17.115	276	639506	41.857	ng	99
88) Benzo(b)fluoranthene	15.151	252	567730	42.392	ng	97
89) Benzo(k)fluoranthene	15.180	252	534593	40.970	ng	100
90) Benzo(a)pyrene	15.527	252	537660	50.496	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	543341	43.231	ng	100
92) Benzo(g,h,i)perylene	17.586	276	512087	40.237	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

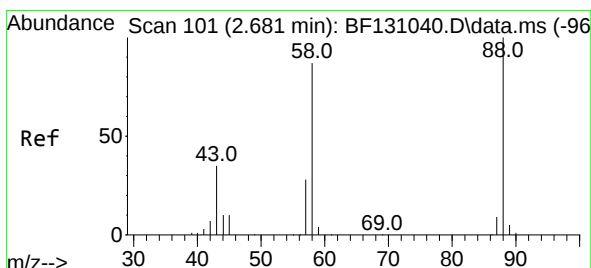
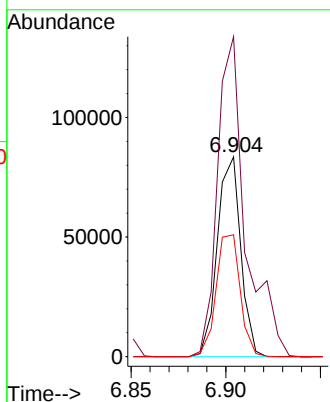
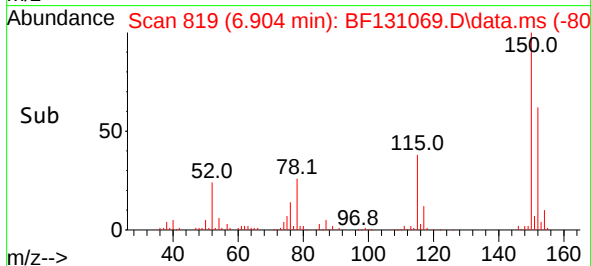
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



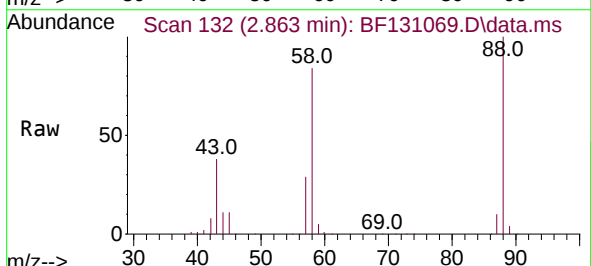
Tgt Ion:152 Resp: 71702
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 61.0 49.1 73.7

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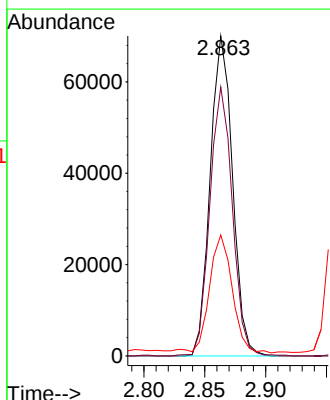
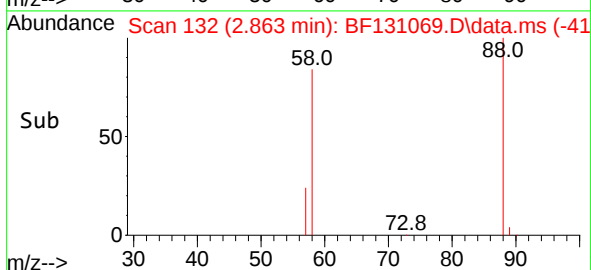
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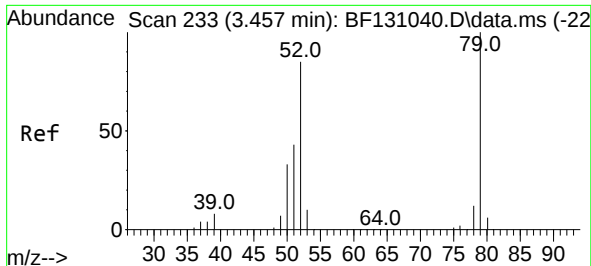


#2
1,4-Dioxane
Concen: 42.297 ng
RT: 2.863 min Scan# 132
Delta R.T. 0.182 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion: 88 Resp: 89415
Ion Ratio Lower Upper
88 100
58 84.7 68.7 103.1
43 0.0 28.6 43.0#





#3

Pyridine

Concen: 26.004 ng

RT: 3.581 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MS

Tgt Ion: 79 Resp: 152808

Ion Ratio Lower Upper

79 100

52 87.3 67.8 101.8

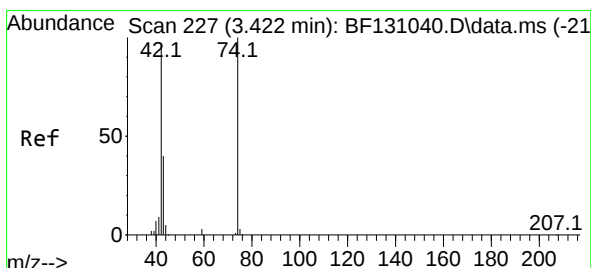
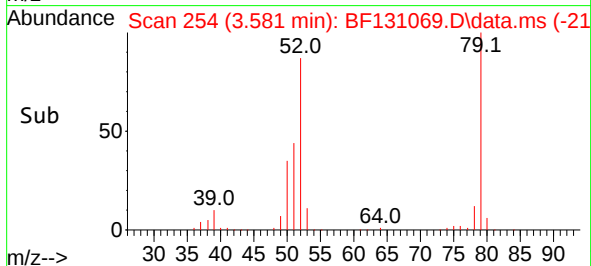
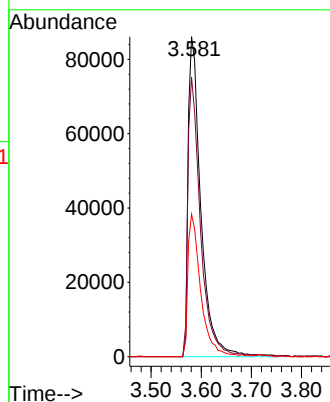
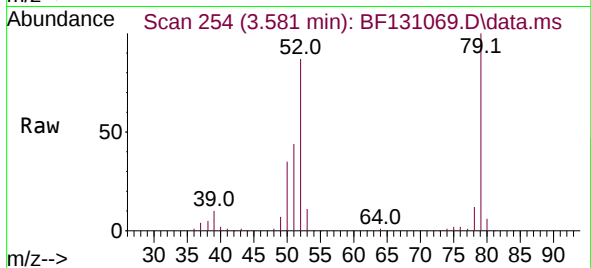
51 44.5 34.5 51.7

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#4

n-Nitrosodimethylamine

Concen: 40.840 ng

RT: 3.528 min Scan# 245

Delta R.T. 0.106 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

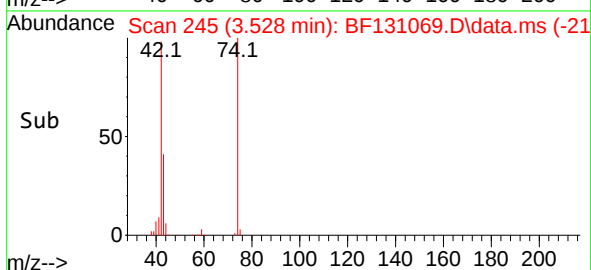
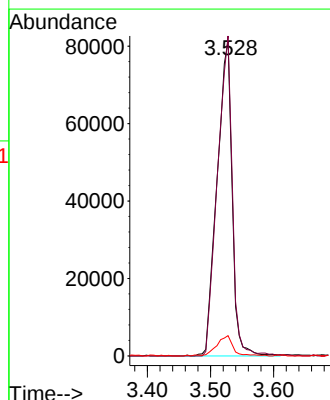
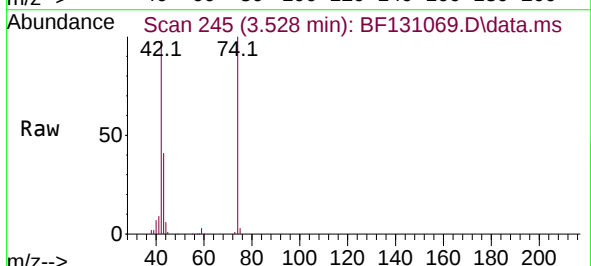
Tgt Ion: 42 Resp: 134954

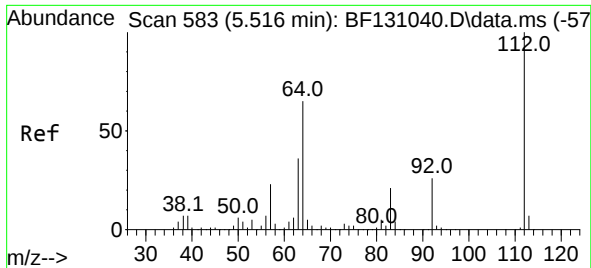
Ion Ratio Lower Upper

42 100

74 101.6 83.6 125.4

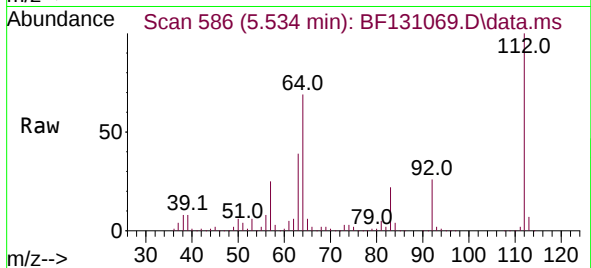
44 6.4 4.7 7.1





#5
2-Fluorophenol
Concen: 115.700 ng
RT: 5.534 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

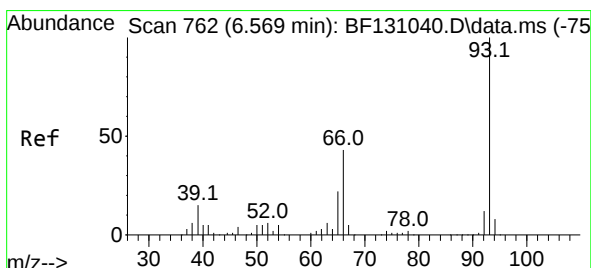
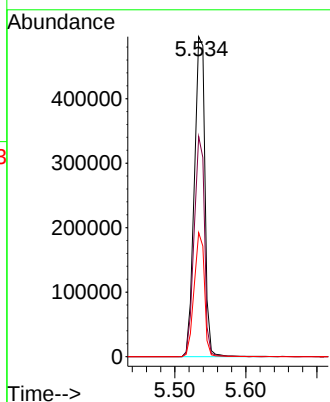
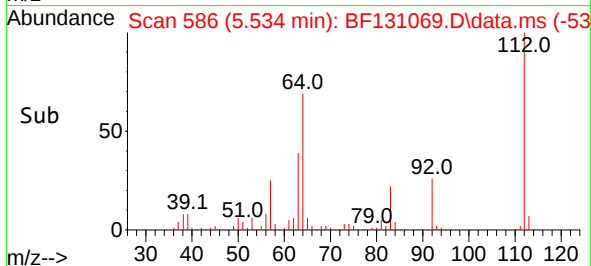
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Tgt Ion:112 Resp: 514478
Ion Ratio Lower Upper
112 100
64 68.8 52.2 78.4
63 38.7 29.0 43.4

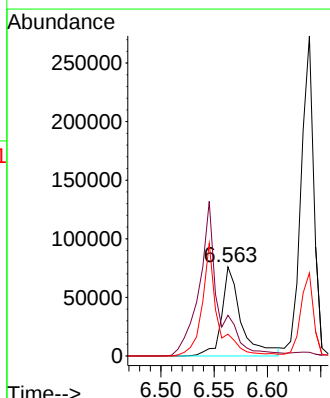
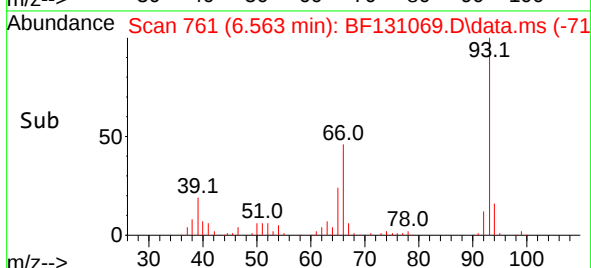
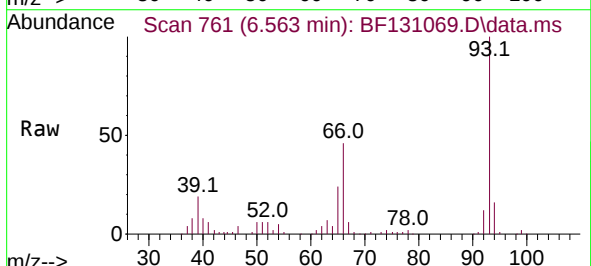
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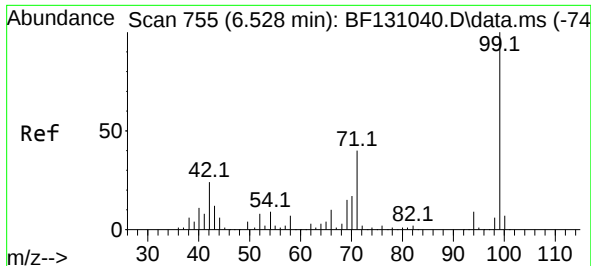
Reviewed By :Christian Giraldo 11/09/2022
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#6
Aniline
Concen: 14.235 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Tgt Ion: 93 Resp: 96080
Ion Ratio Lower Upper
93 100
66 45.8 34.5 51.7
65 24.4 17.9 26.9





#7

Phenol-d6

Concen: 109.560 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

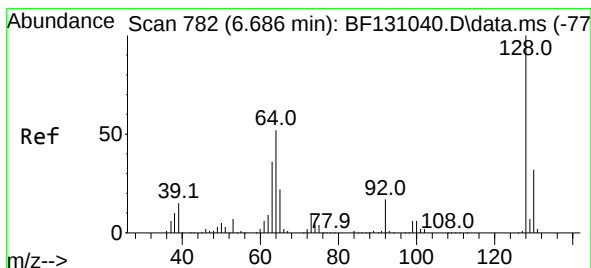
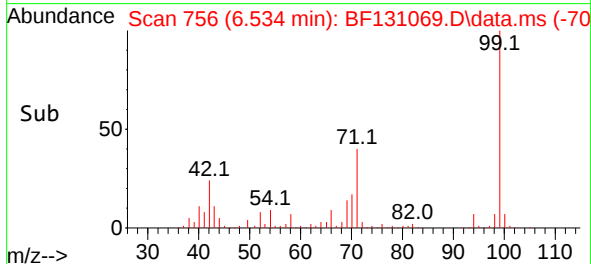
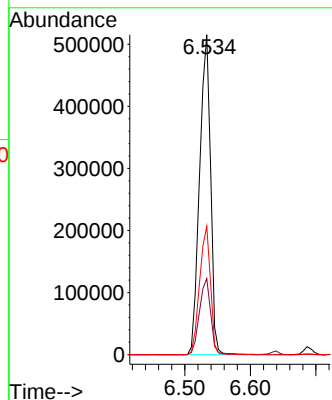
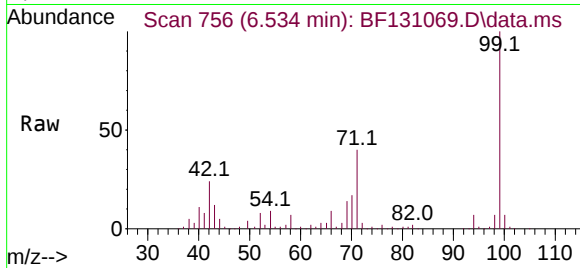
TUL-ROS-1104MS

Tgt Ion:	99	Resp:	594625
Ion Ratio	Lower	Upper	
99	100		
42	23.8	19.4	29.0
71	40.1	31.8	47.8

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#8

2-Chlorophenol

Concen: 39.073 ng

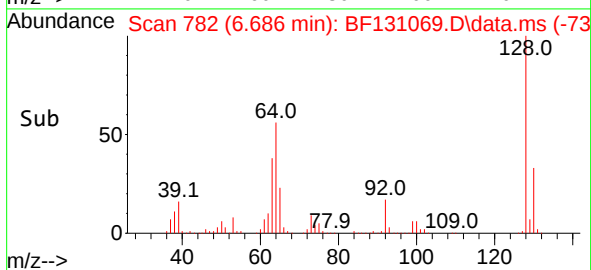
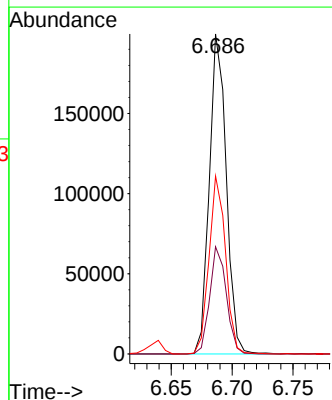
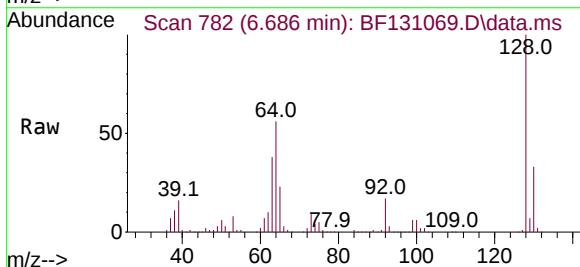
RT: 6.686 min Scan# 782

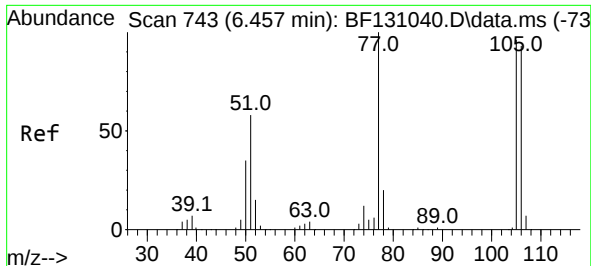
Delta R.T. 0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

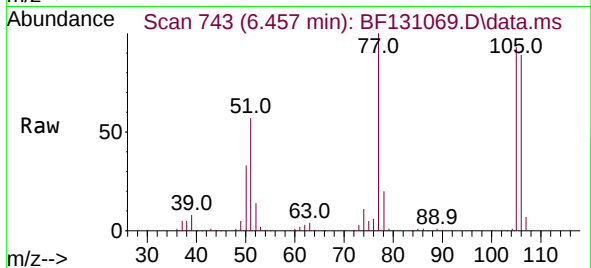
Tgt Ion:	128	Resp:	193276
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.5	51.5
64	55.6	32.8	72.8





#9
Benzaldehyde
Concen: 34.395 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

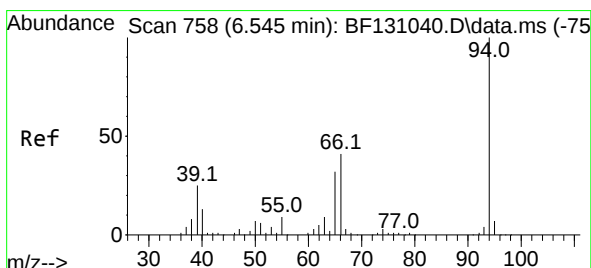
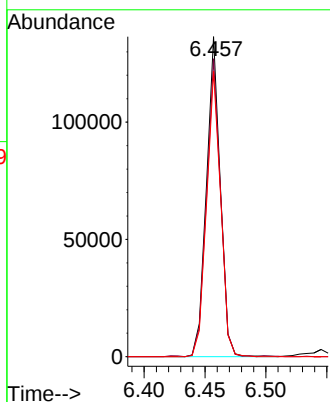
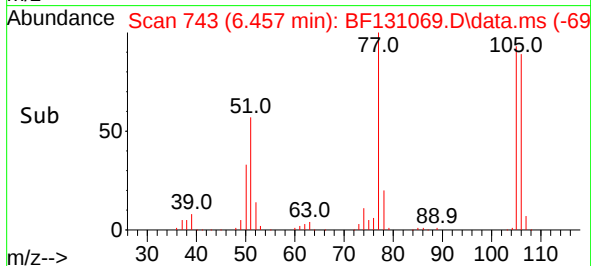
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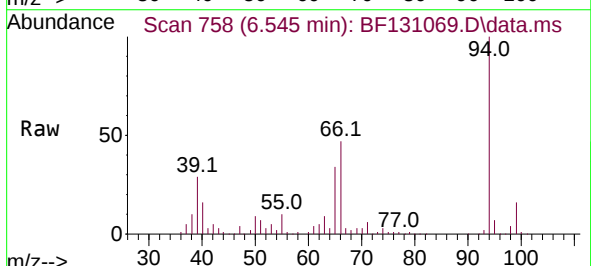
Tgt Ion: 77 Resp: 107831
Ion Ratio Lower Upper
77 100
105 93.1 76.4 116.4
106 89.2 73.3 113.3

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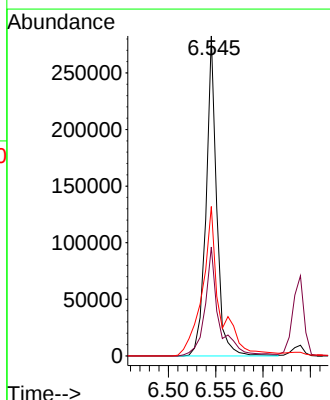
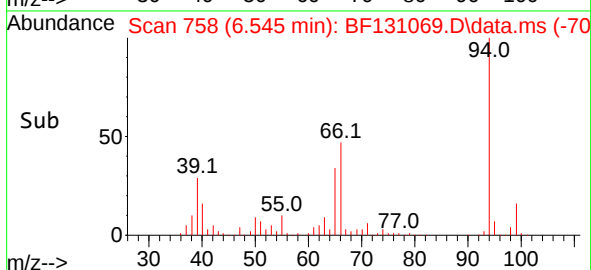
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

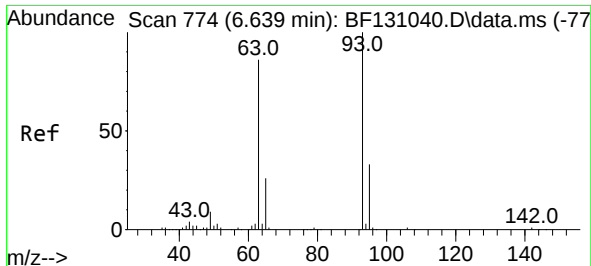


#10
Phenol
Concen: 34.809 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion: 94 Resp: 221387
Ion Ratio Lower Upper
94 100
65 34.0 11.8 51.8
66 46.7 21.5 61.5





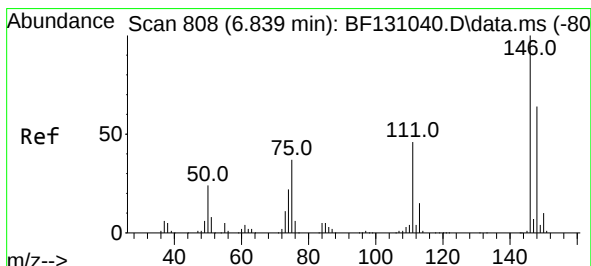
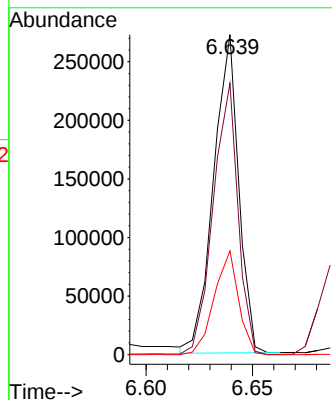
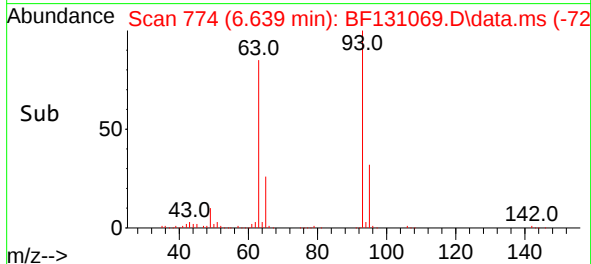
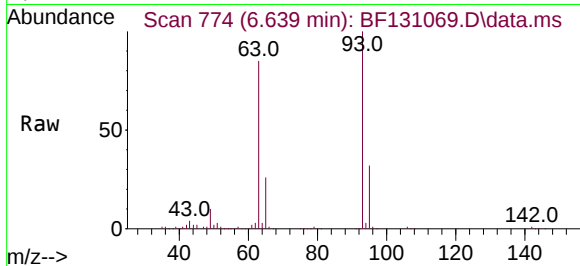
#11
bis(2-Chloroethyl)ether
Concen: 48.383 ng
RT: 6.639 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion: 93 Resp: 22321
Ion Ratio Lower Upper
93 100
63 84.8 65.6 105.6
95 32.4 12.5 52.5

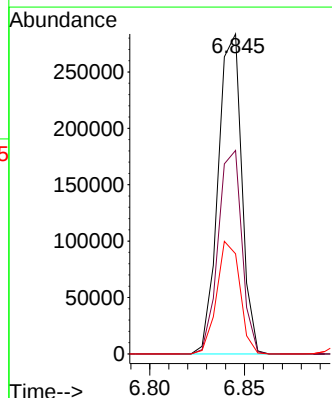
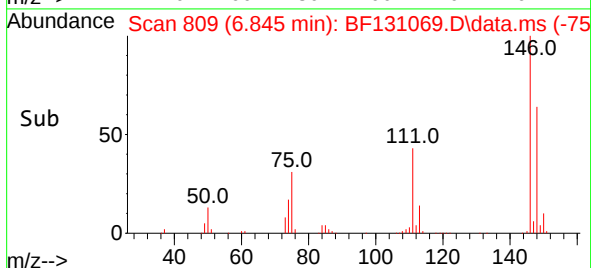
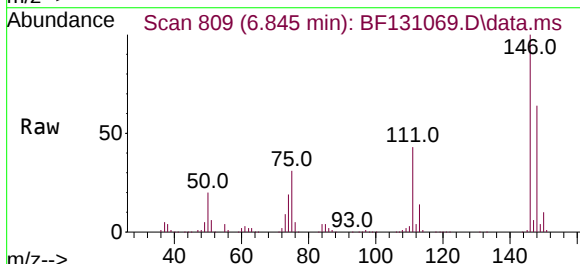
Manual Integrations
APPROVED

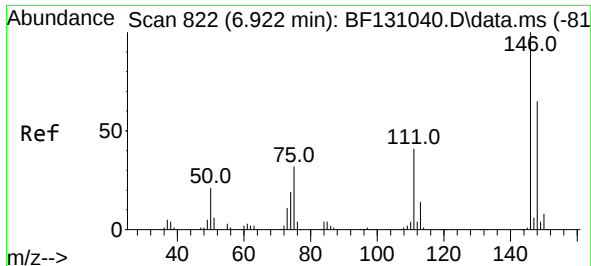
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#12
1,3-Dichlorobenzene
Concen: 45.260 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

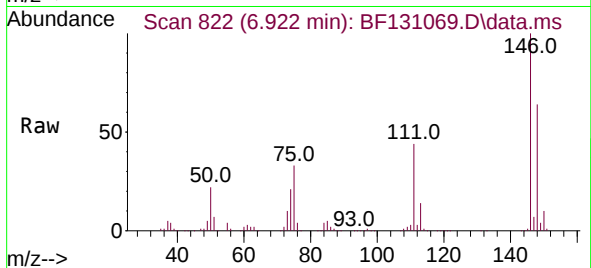
Tgt Ion:146 Resp: 246385
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 31.3 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 43.940 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

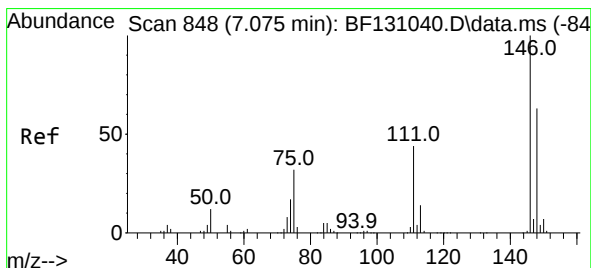
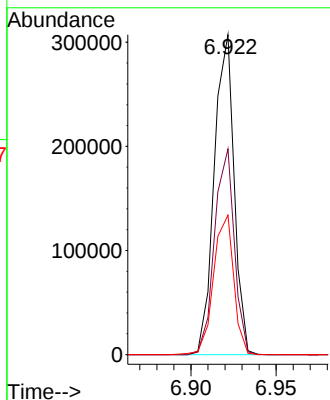
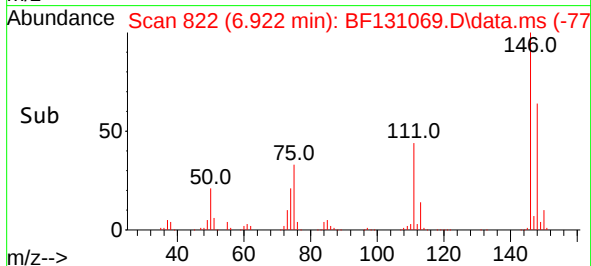
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



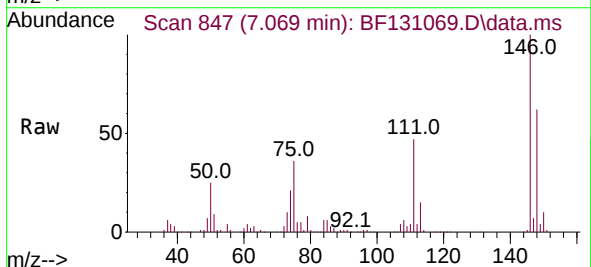
Tgt Ion:146 Resp: 249104
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 43.6 32.6 49.0

Manual Integrations
APPROVED

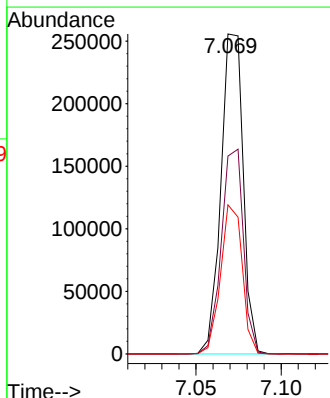
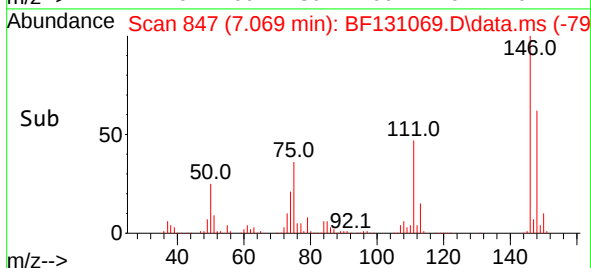
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

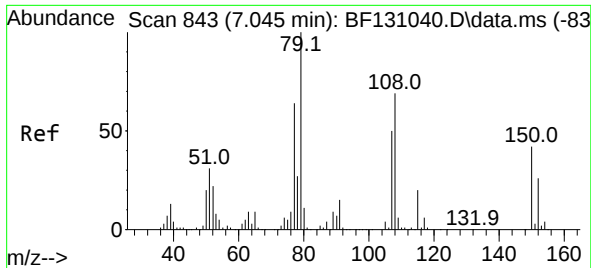


#14
1,2-Dichlorobenzene
Concen: 41.966 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



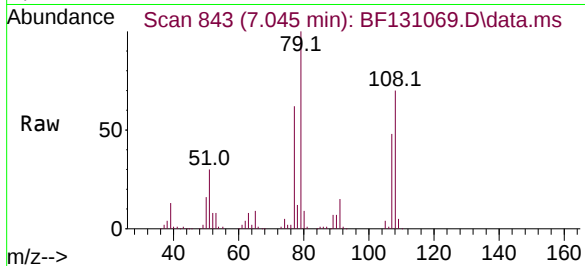
Tgt Ion:146 Resp: 232543
Ion Ratio Lower Upper
146 100
148 61.8 50.2 75.2
111 46.6 35.4 53.0





#15
Benzyl Alcohol
Concen: 38.490 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

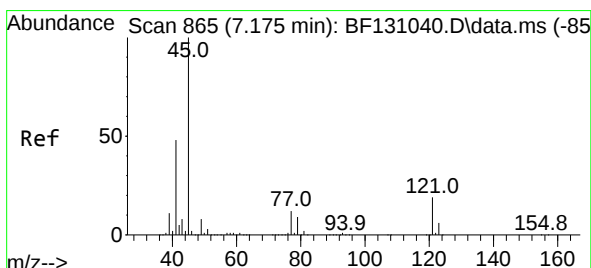
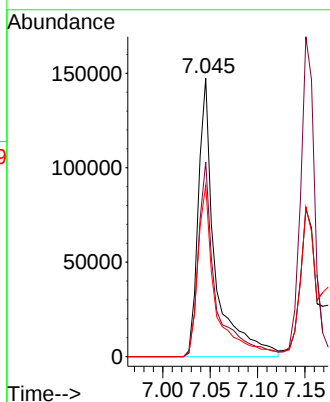
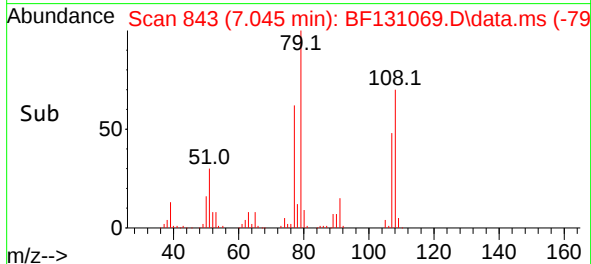
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



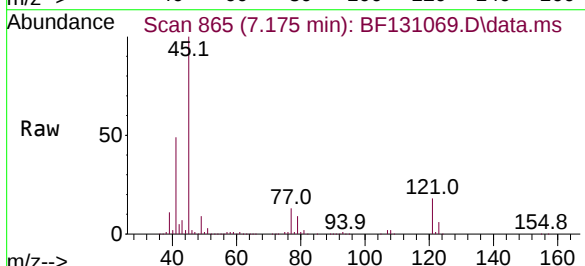
Tgt Ion: 79 Resp: 182468
Ion Ratio Lower Upper
79 100
108 69.9 55.2 82.8
77 61.5 50.9 76.3

Manual Integrations
APPROVED

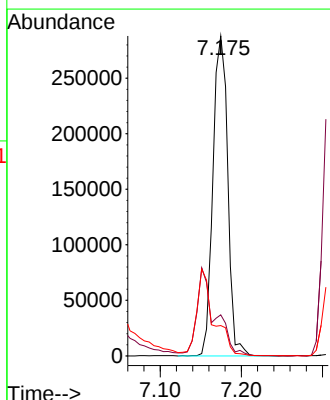
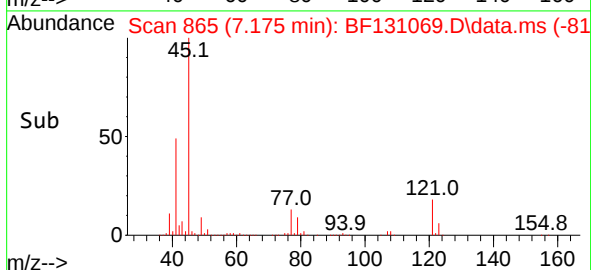
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

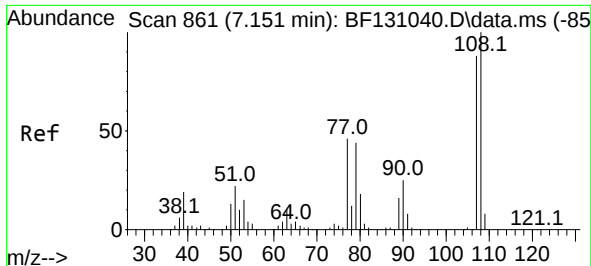


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.625 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



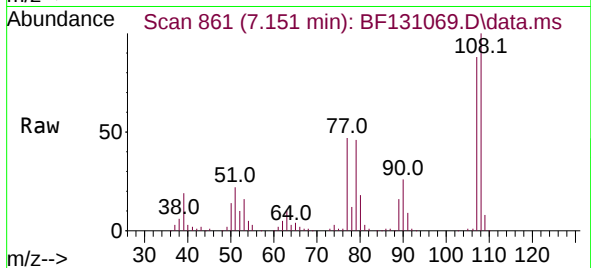
Tgt Ion: 45 Resp: 366044
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.5
79 9.5 0.0 29.7





#17
2-Methylphenol
Concen: 36.480 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

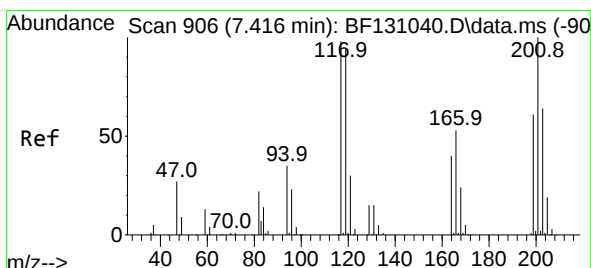
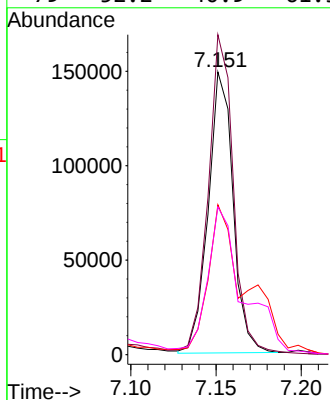
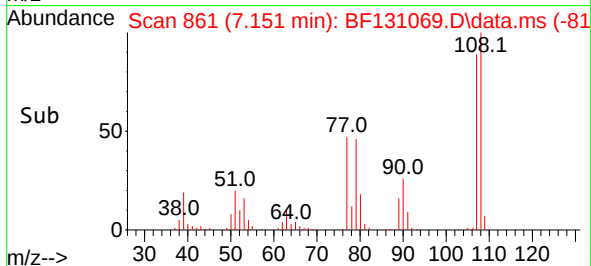
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



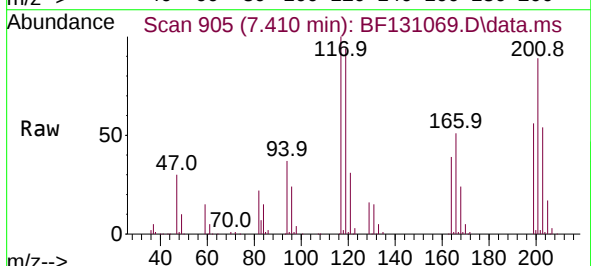
Tgt Ion:107 Resp: 150973
Ion Ratio Lower Upper
107 100
108 113.2 91.2 136.8
77 53.0 42.1 63.1
79 52.2 40.9 61.3

Manual Integrations
APPROVED

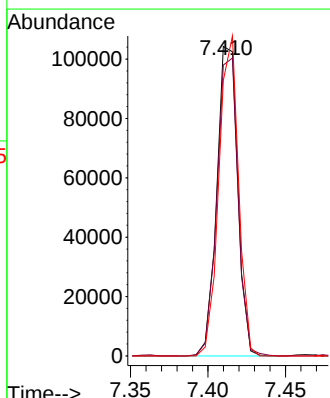
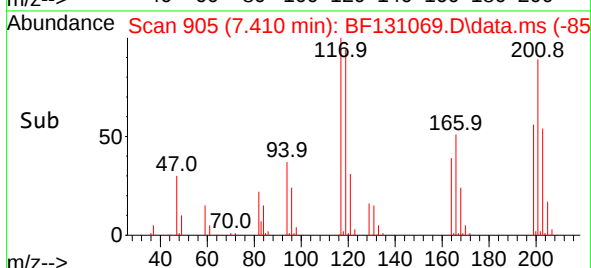
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

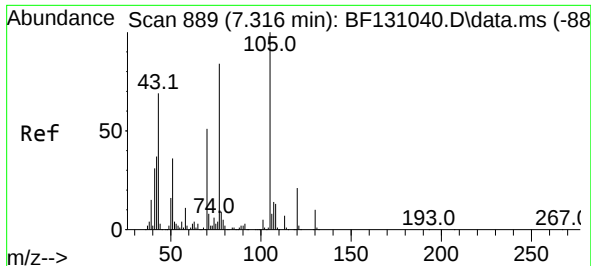


#18
Hexachloroethane
Concen: 45.539 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



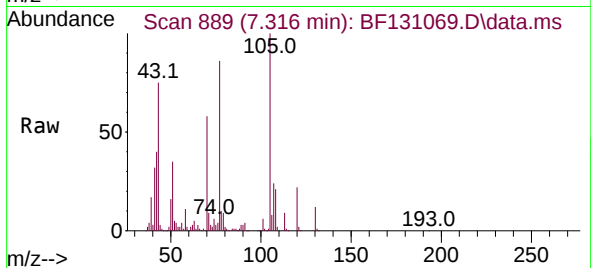
Tgt Ion:117 Resp: 97806
Ion Ratio Lower Upper
117 100
119 93.9 76.9 115.3
201 89.0 81.8 122.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.088 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

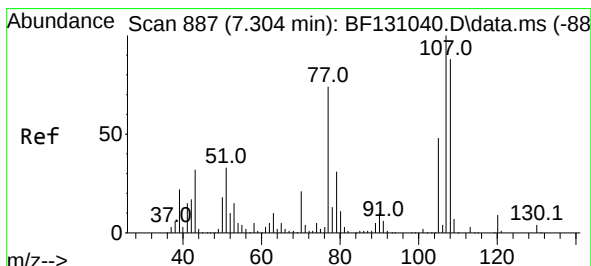
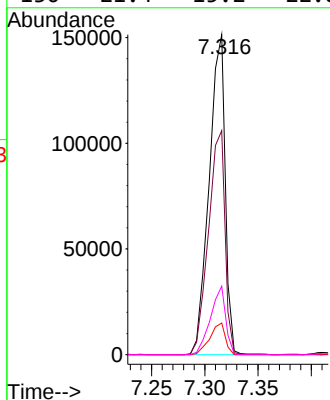
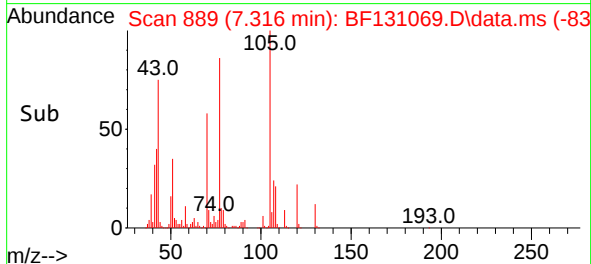
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



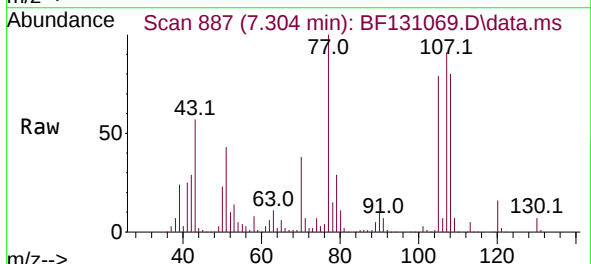
Tgt Ion: 70 Resp: 158920
Ion Ratio Lower Upper
70 100
42 70.0 59.0 88.4
101 9.9 8.0 12.0
130 21.4 15.2 22.8

Manual Integrations
APPROVED

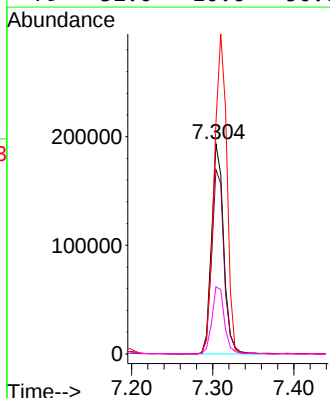
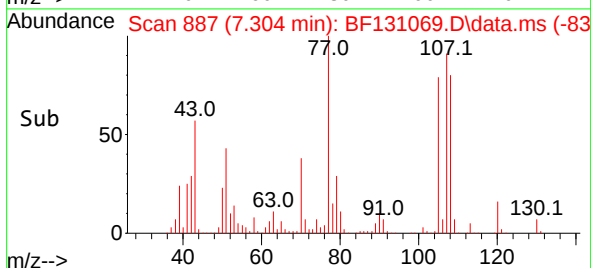
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

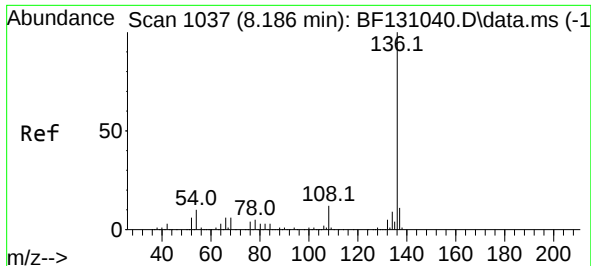


#20
3+4-Methylphenols
Concen: 37.594 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



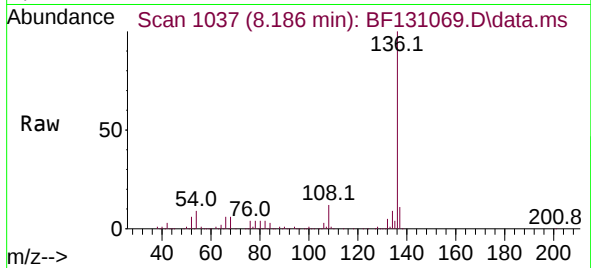
Tgt Ion:107 Resp: 201208
Ion Ratio Lower Upper
107 100
108 87.8 67.7 107.7
77 110.3 54.2 94.2#
79 32.0 10.6 50.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

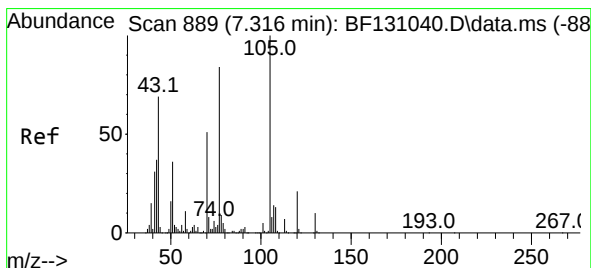
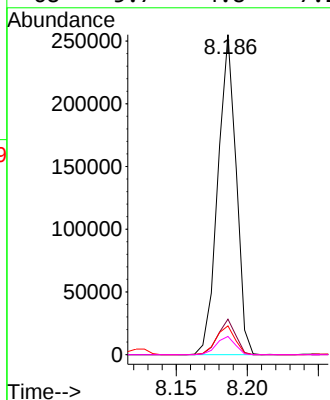
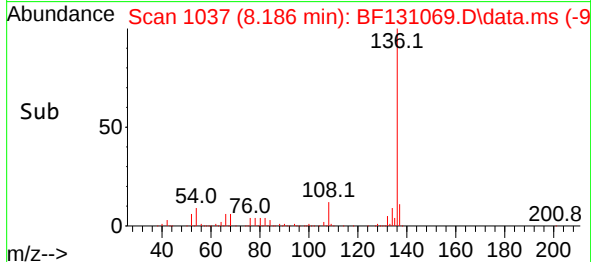
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



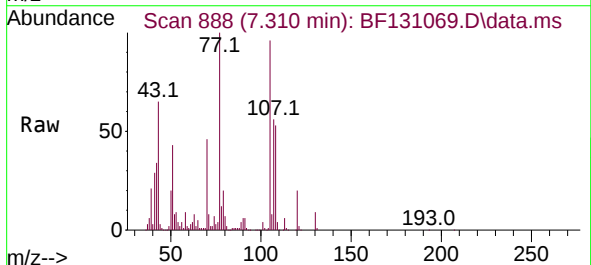
Tgt Ion:136 Resp: 228572
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 8.2 12.2
68 5.7 4.8 7.2

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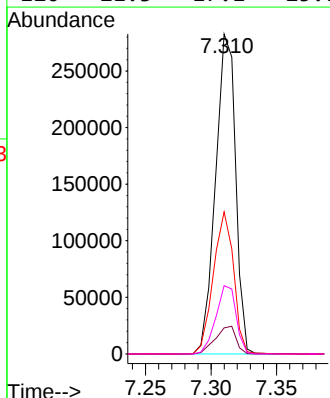
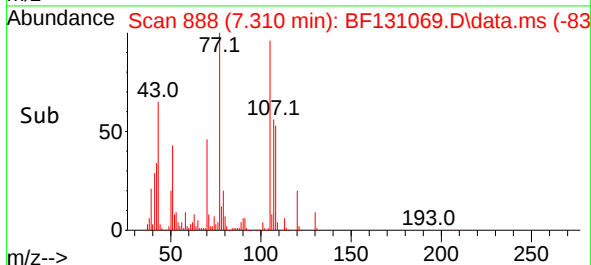
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

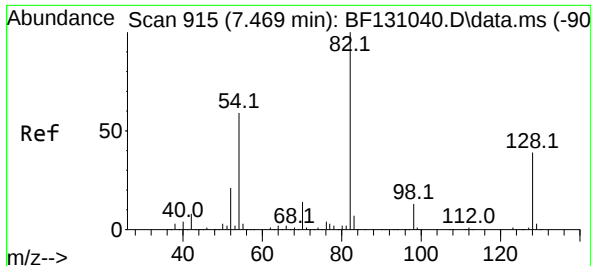


#22
Acetophenone
Concen: 49.626 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



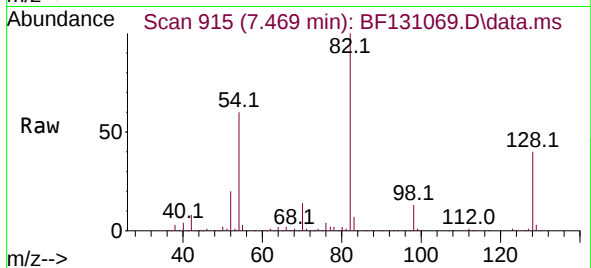
Tgt Ion:105 Resp: 301989
Ion Ratio Lower Upper
105 100
71 8.1 6.5 9.7
51 44.4 28.5 42.7#
120 21.3 17.1 25.7





#23
Nitrobenzene-d5
Concen: 93.591 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

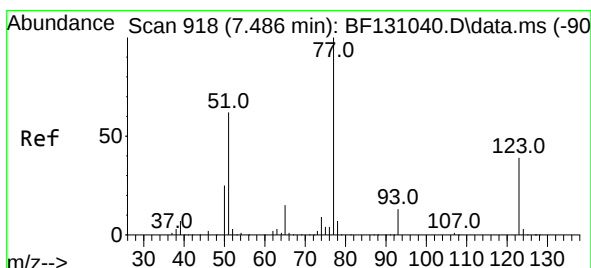
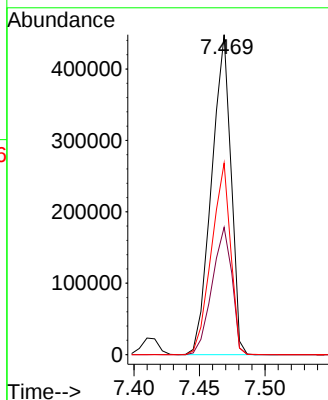
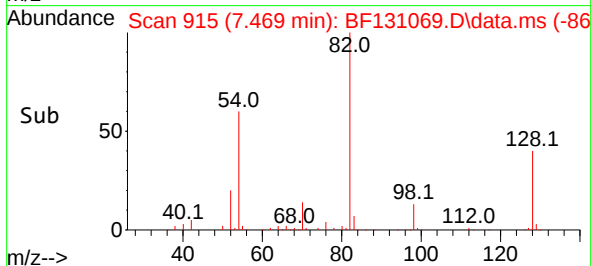
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



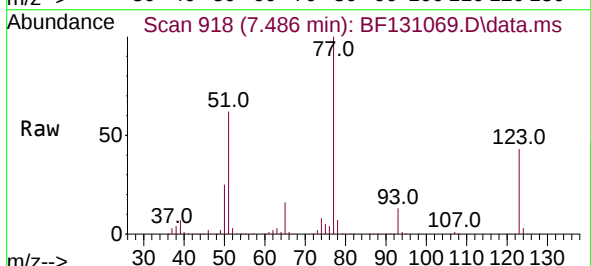
Tgt Ion: 82 Resp: 461512
Ion Ratio Lower Upper
82 100
128 39.8 31.3 46.9
54 59.8 47.2 70.8

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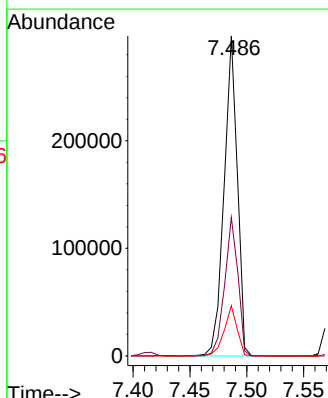
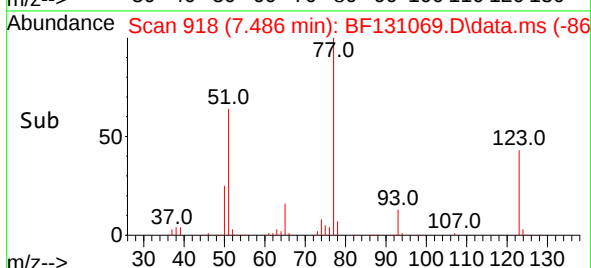
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

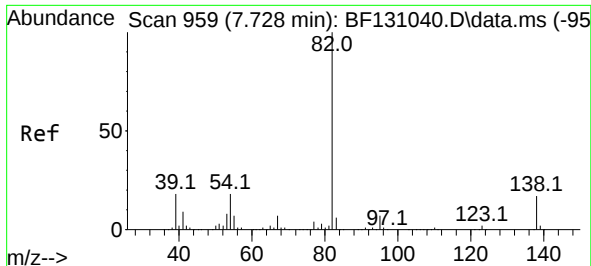


#24
Nitrobenzene
Concen: 47.701 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



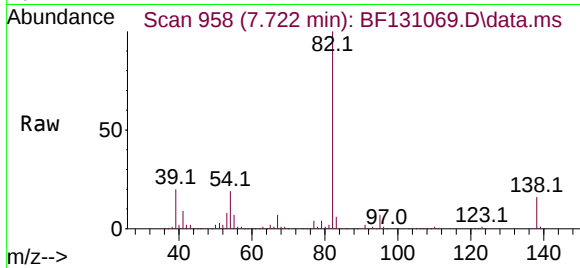
Tgt Ion: 77 Resp: 241246
Ion Ratio Lower Upper
77 100
123 43.3 32.2 48.2
65 15.7 11.9 17.9





#25
Isophorone
Concen: 47.668 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

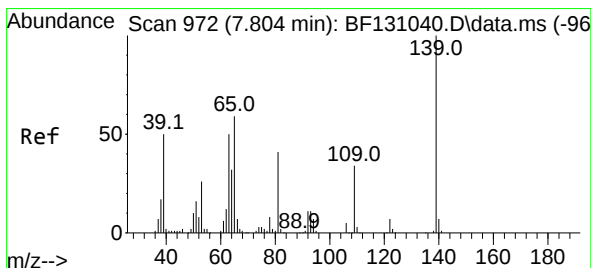
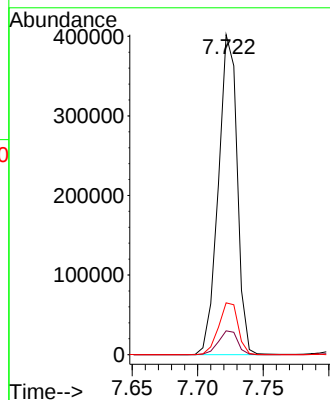
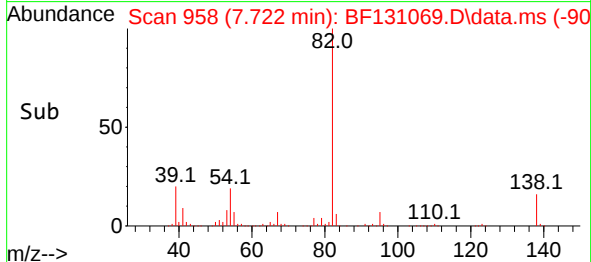
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion: 82 Resp: 402900
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 16.2 13.5 20.3

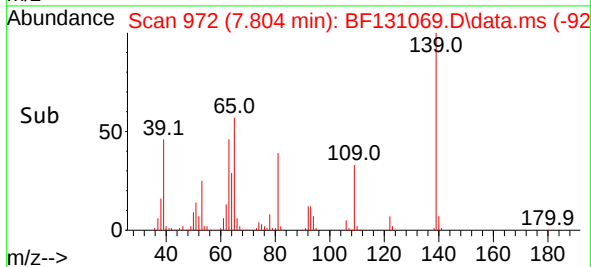
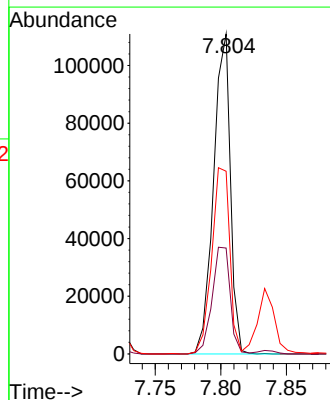
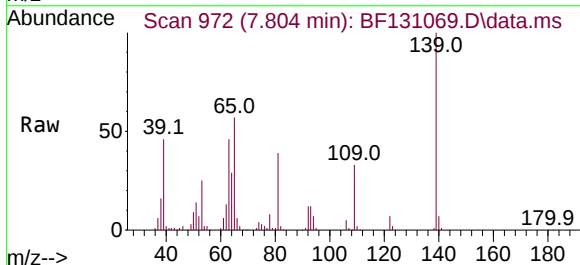
Manual Integrations
APPROVED

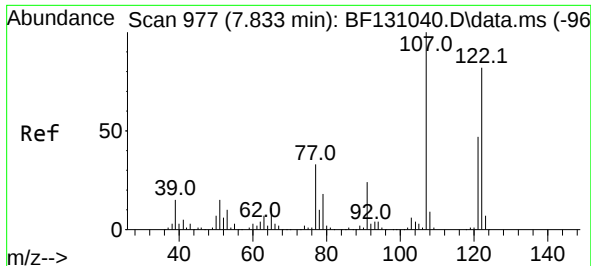
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#26
2-Nitrophenol
Concen: 46.013 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

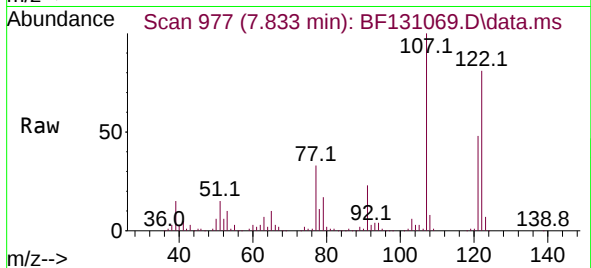
Tgt Ion:139 Resp: 99106
Ion Ratio Lower Upper
139 100
109 33.1 27.6 41.4
65 57.1 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 52.434 ng m
RT: 7.833 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

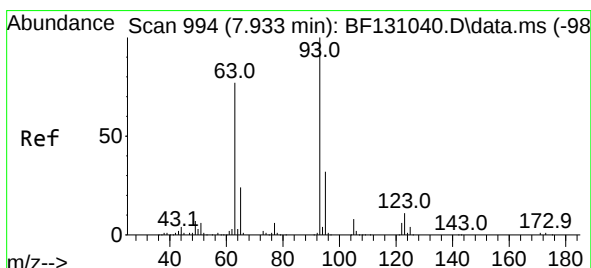
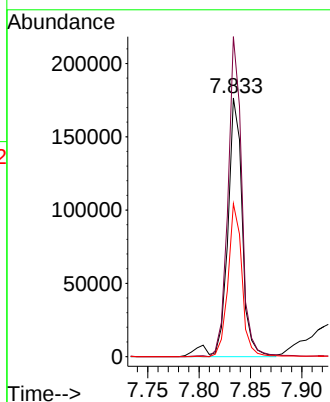
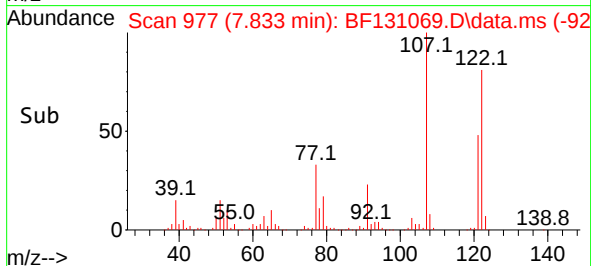
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



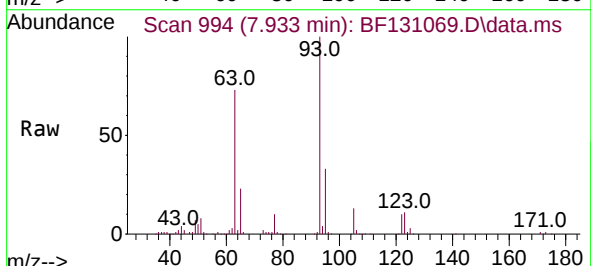
Tgt Ion:122 Resp: 174500
Ion Ratio Lower Upper
122 100
107 123.8 97.9 146.9
121 59.1 46.3 69.5

Manual Integrations
APPROVED

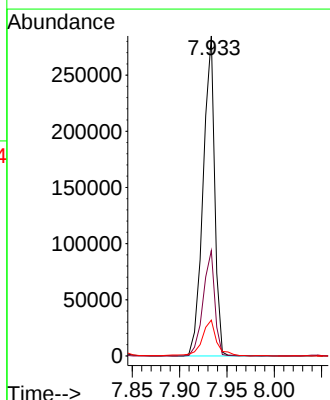
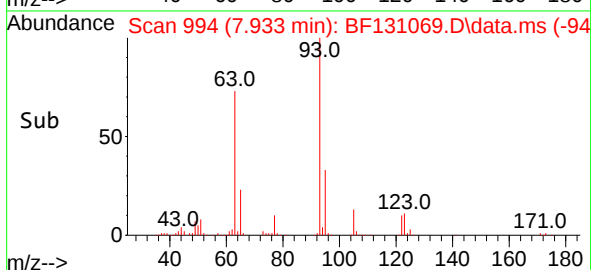
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

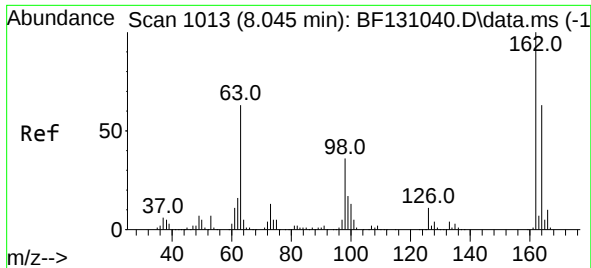


#28
bis(2-Chloroethoxy)methane
Concen: 51.948 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion: 93 Resp: 242491
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.074 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

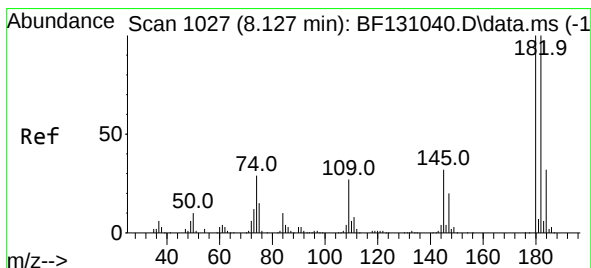
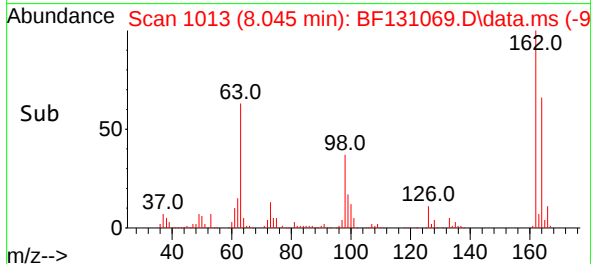
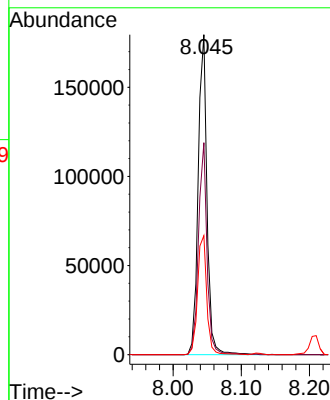
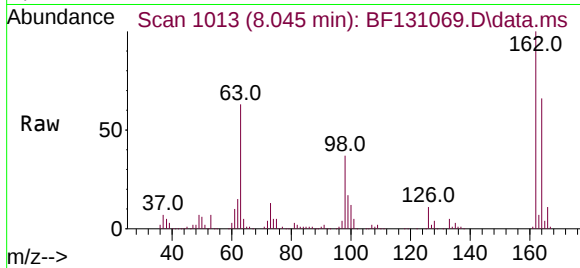
TUL-ROS-1104MS

Tgt Ion:162 Resp: 161559
 Ion Ratio Lower Upper
 162 100
 164 66.2 43.3 83.3
 98 37.2 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: 44.555 ng

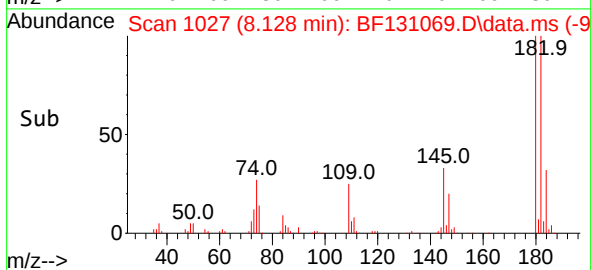
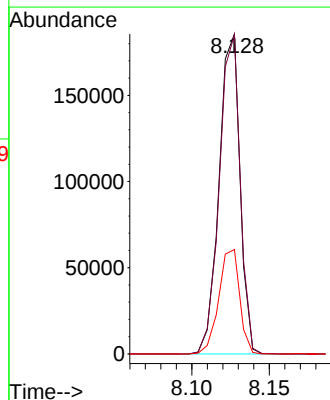
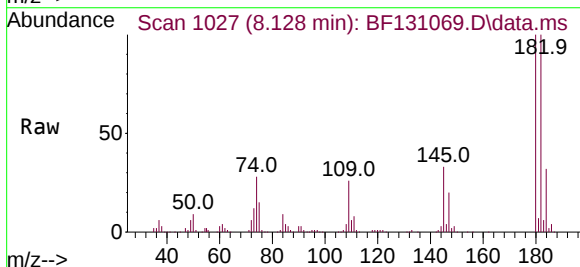
RT: 8.128 min Scan# 1027

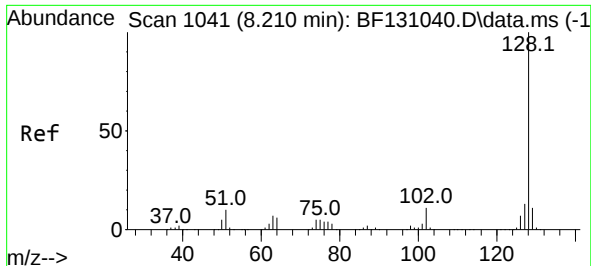
Delta R.T. 0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

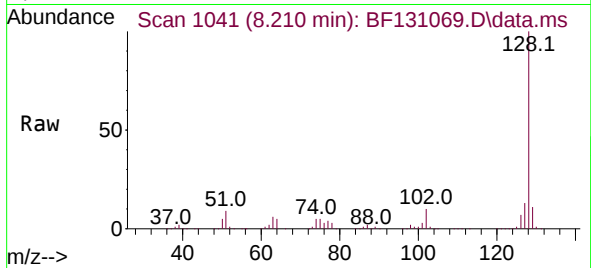
Tgt Ion:180 Resp: 174135
 Ion Ratio Lower Upper
 180 100
 182 99.7 80.3 120.5
 145 32.6 25.8 38.6





#31
Naphthalene
Concen: 47.853 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

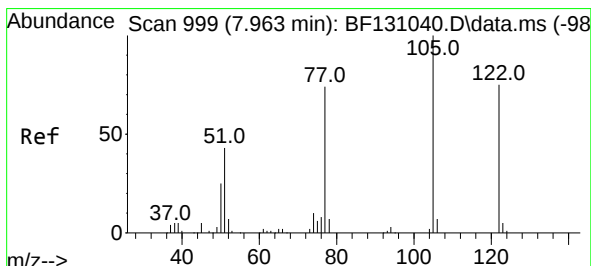
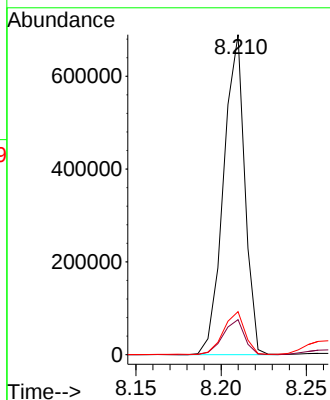
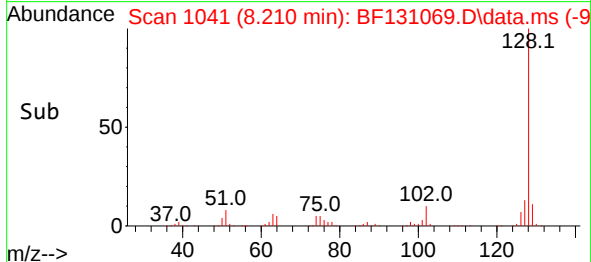
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



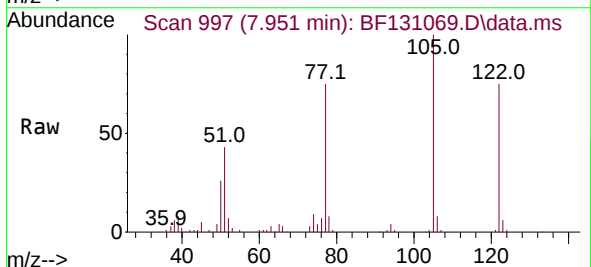
Tgt Ion:128 Resp: 59777
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.4 10.5 15.7

Manual Integrations
APPROVED

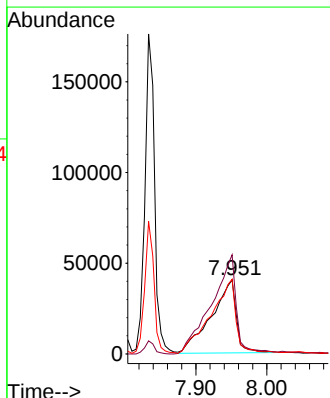
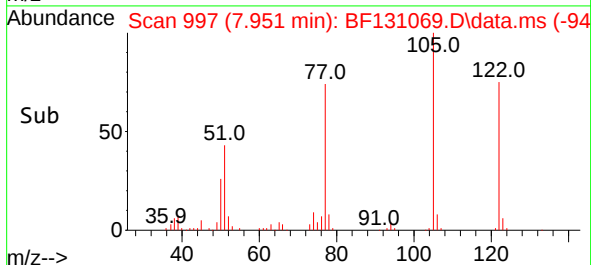
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

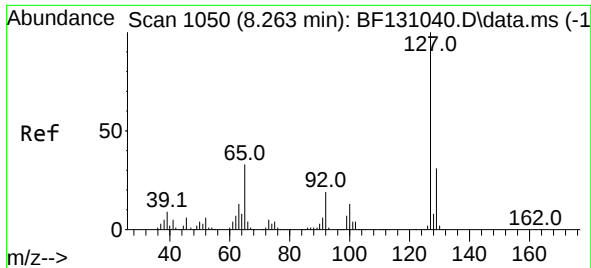


#32
Benzoic acid
Concen: 43.672 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



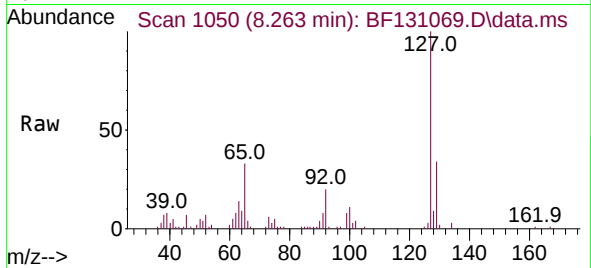
Tgt Ion:122 Resp: 99009
Ion Ratio Lower Upper
122 100
105 133.9 106.0 146.0
77 101.0 74.4 114.4





#33
4-Chloroaniline
Concen: 11.471 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

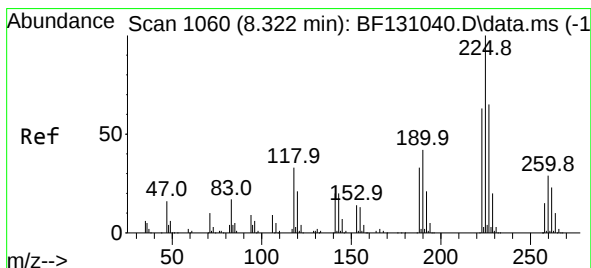
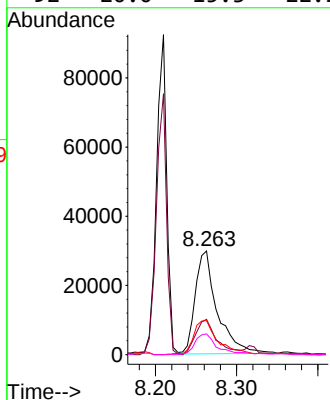
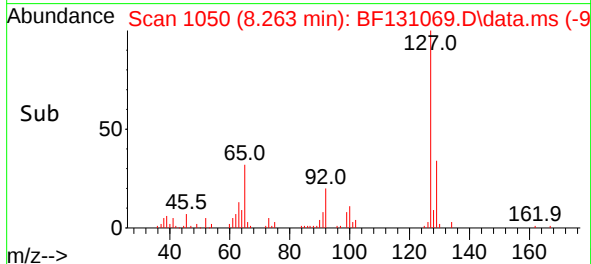
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:127 Resp: 56035
Ion Ratio Lower Upper
127 100
129 34.0 25.0 37.6
65 32.7 26.6 40.0
92 20.0 15.3 22.9

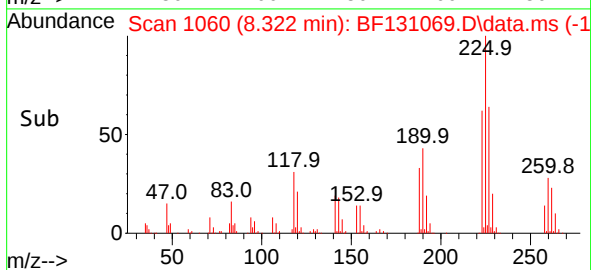
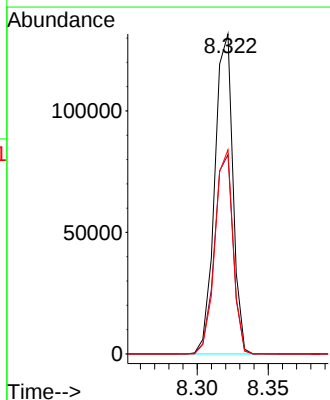
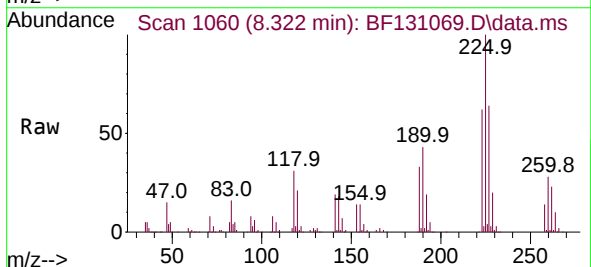
Manual Integrations
APPROVED

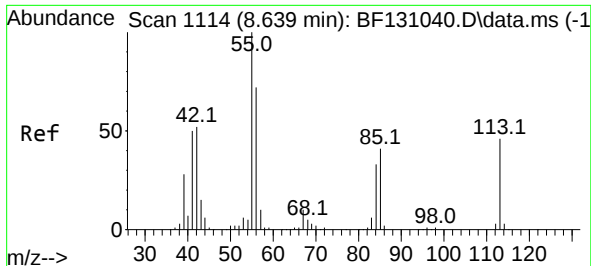
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#34
Hexachlorobutadiene
Concen: 45.907 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Tgt Ion:225 Resp: 117130
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 63.8 52.0 78.0





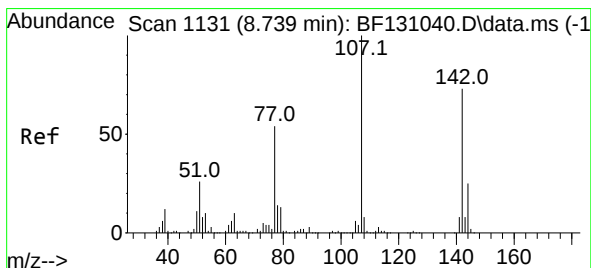
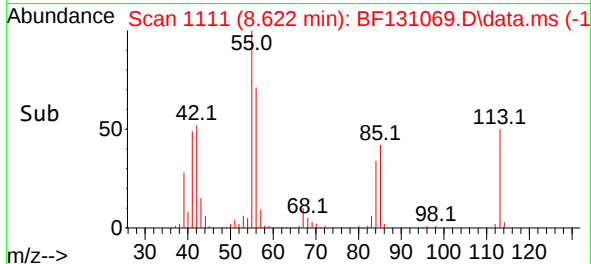
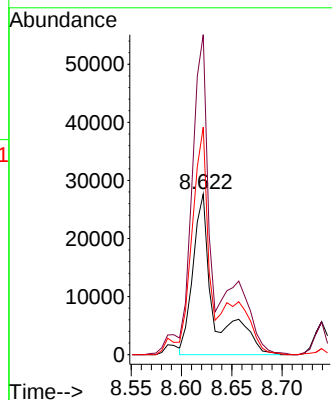
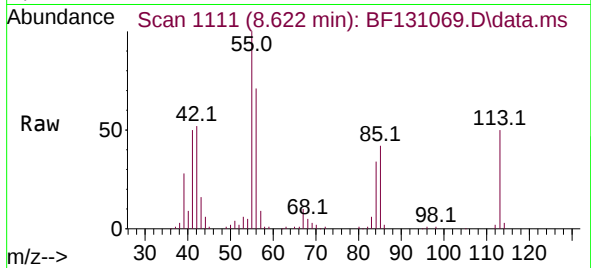
#35
Caprolactam
Concen: 37.076 ng m
RT: 8.622 min Scan# 1114
Delta R.T. -0.018 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion:113 Resp: 40774
Ion Ratio Lower Upper
113 100
55 199.3 199.0 239.0
56 141.7 137.0 177.0

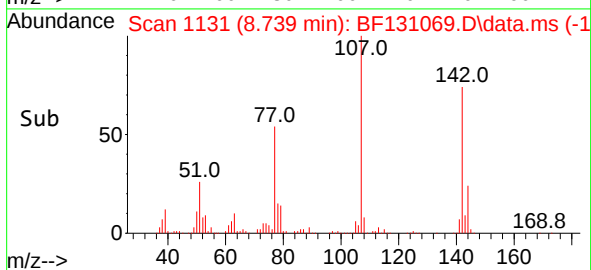
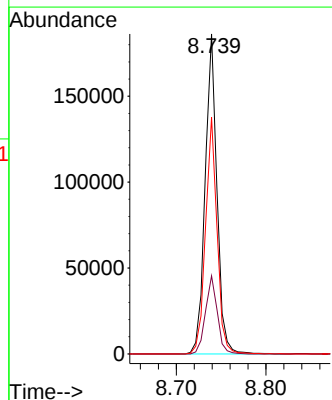
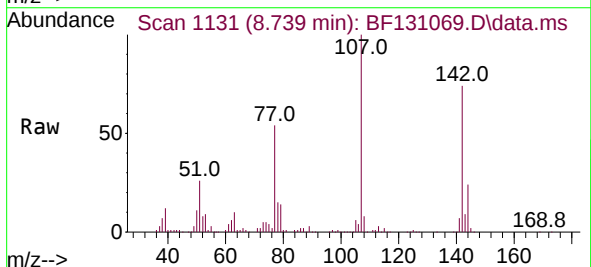
Manual Integrations
APPROVED

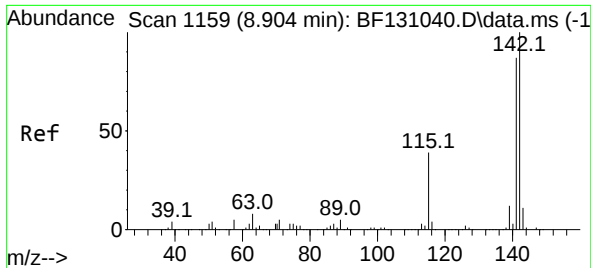
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#36
4-Chloro-3-methylphenol
Concen: 43.998 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Tgt Ion:107 Resp: 170208
Ion Ratio Lower Upper
107 100
144 24.4 20.2 30.2
142 73.9 58.6 88.0





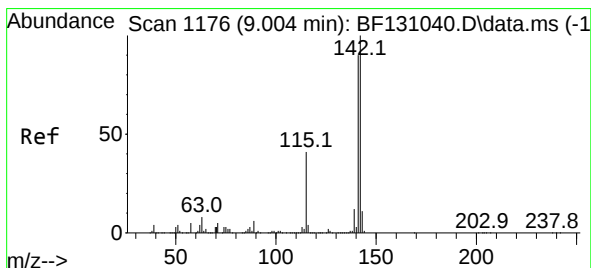
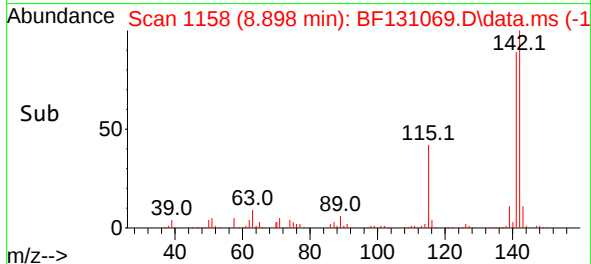
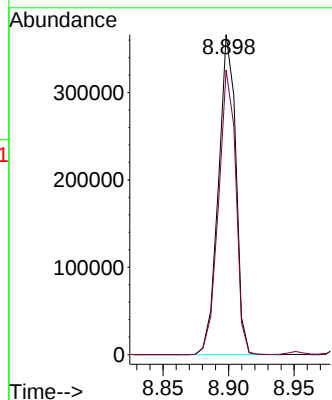
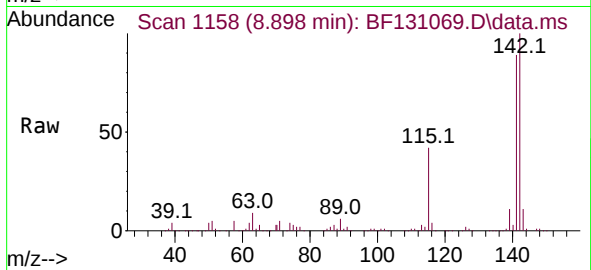
#37
2-Methylnaphthalene
Concen: 42.706 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion:142 Resp: 339408
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6

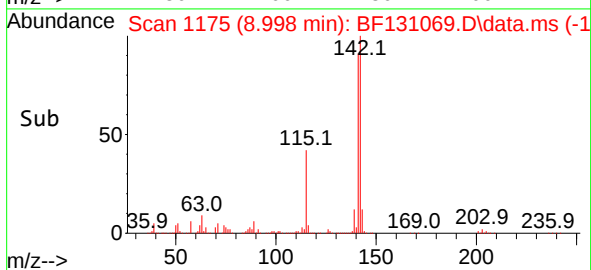
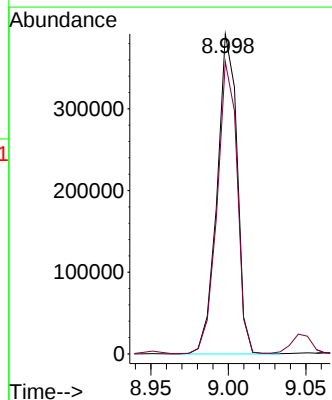
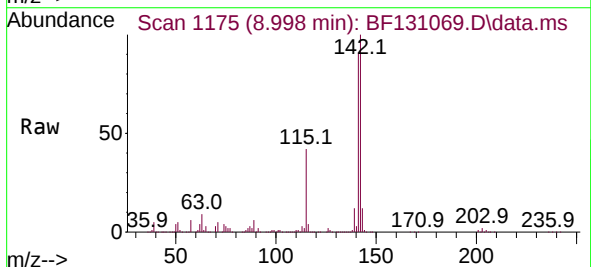
Manual Integrations
APPROVED

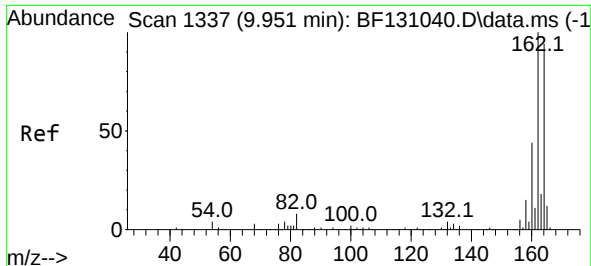
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#38
1-Methylnaphthalene
Concen: 46.365 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

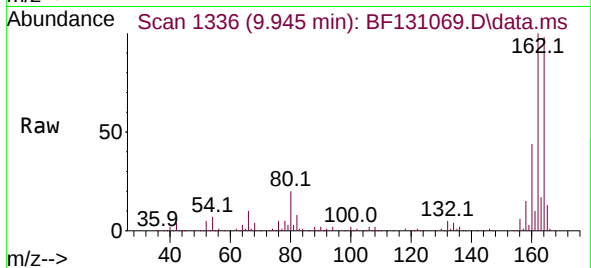
Tgt Ion:142 Resp: 351854
Ion Ratio Lower Upper
142 100
141 91.3 72.2 108.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

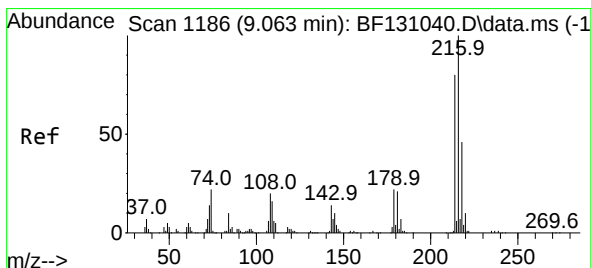
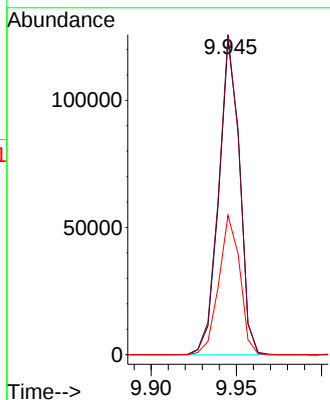
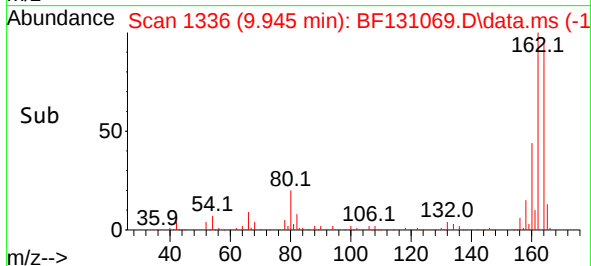
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:164 Resp: 104549
Ion Ratio Lower Upper
164 100
162 101.6 85.0 127.6
160 44.2 37.0 55.6

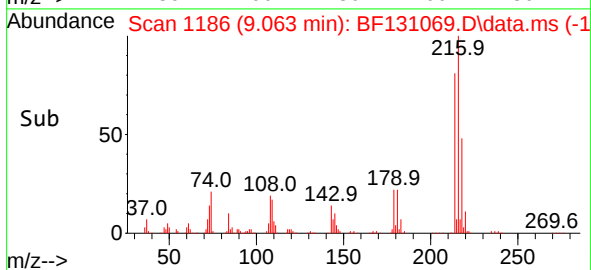
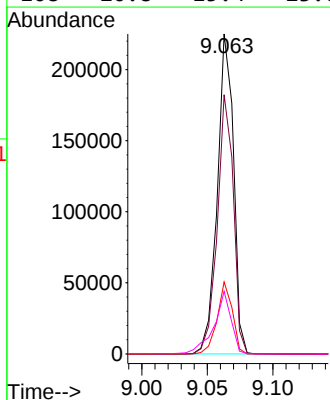
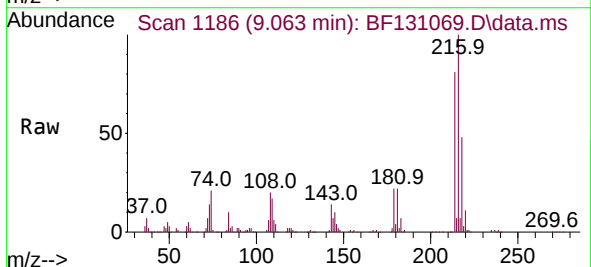
Manual Integrations
APPROVED

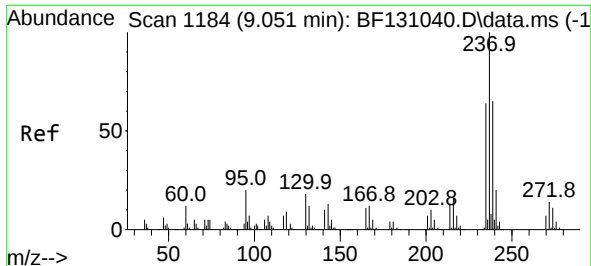
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.462 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

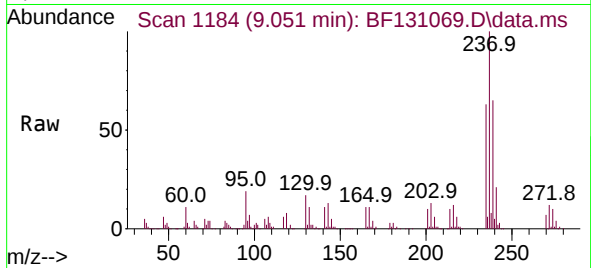
Tgt Ion:216 Resp: 193646
Ion Ratio Lower Upper
216 100
214 80.1 62.7 94.1
179 21.0 16.7 25.1
108 20.8 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 112.774 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

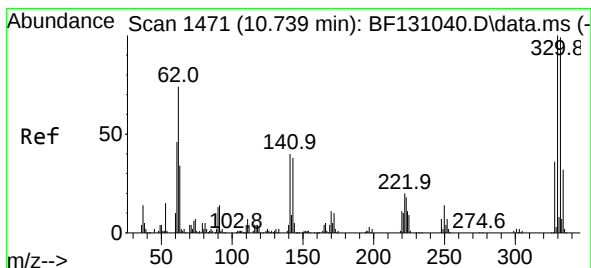
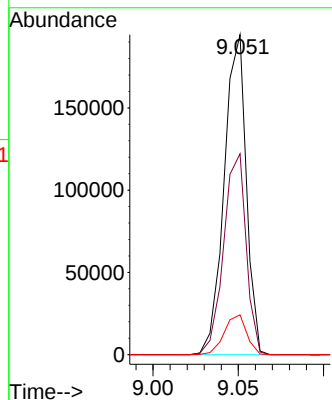
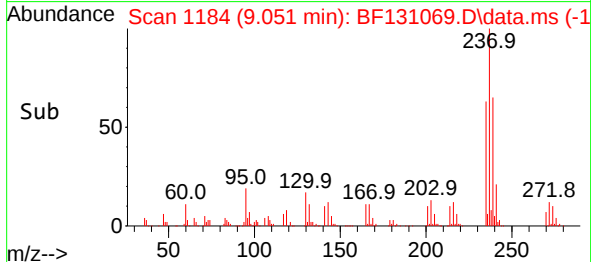
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



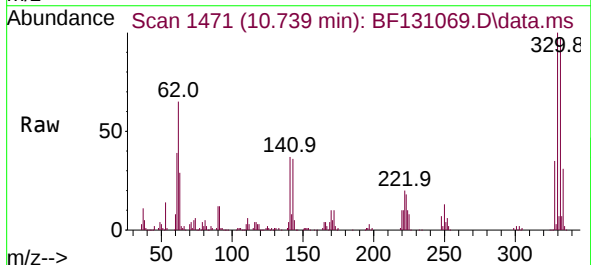
Tgt Ion:237 Resp: 175180
Ion Ratio Lower Upper
237 100
235 62.8 43.6 83.6
272 12.4 0.0 33.8

Manual Integrations
APPROVED

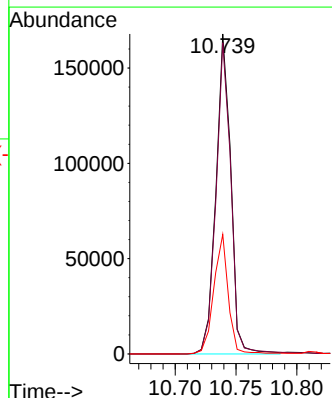
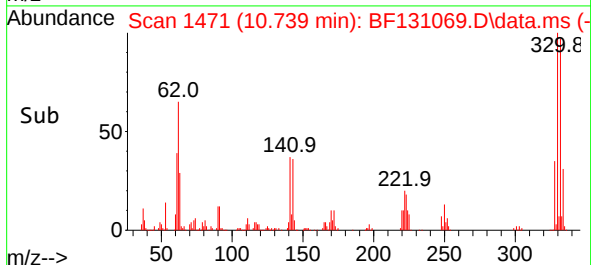
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

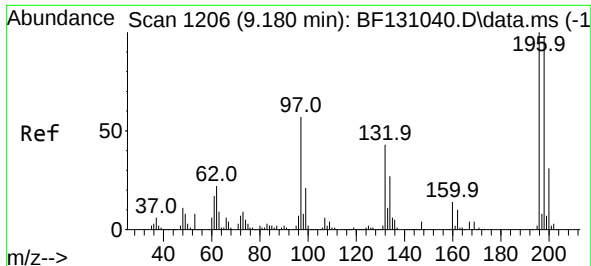


#42
2,4,6-Tribromophenol
Concen: 123.912 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



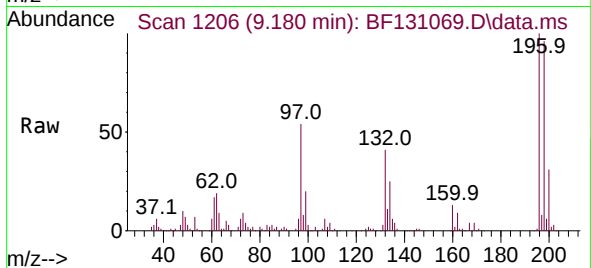
Tgt Ion:330 Resp: 142630
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 36.5 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 47.754 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

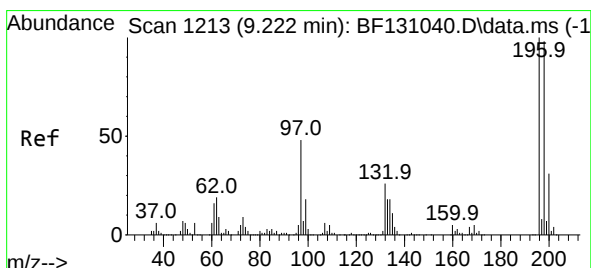
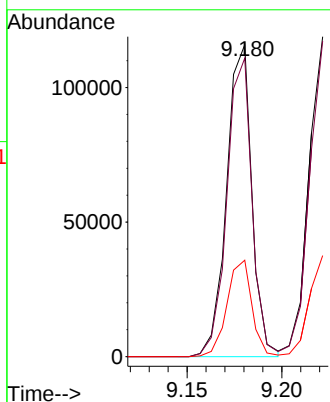
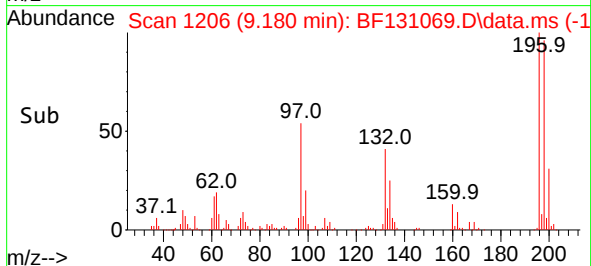
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



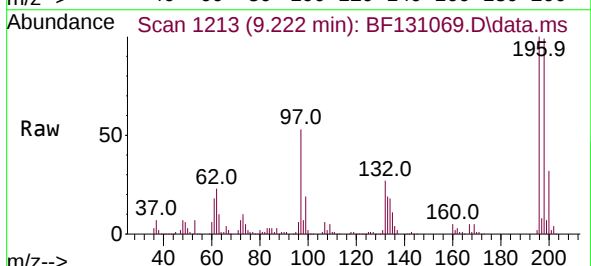
Tgt Ion:196 Resp: 107326
Ion Ratio Lower Upper
196 100
198 95.7 78.2 117.2
200 30.9 25.0 37.4

Manual Integrations
APPROVED

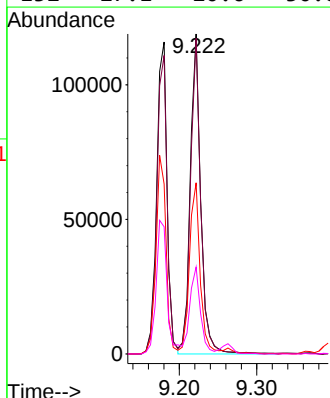
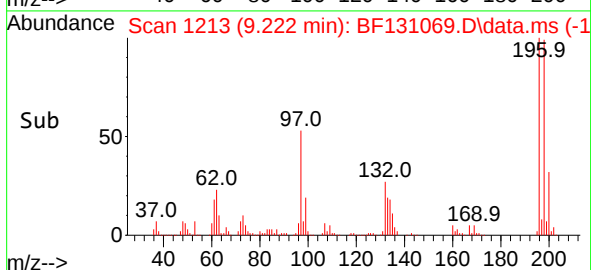
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

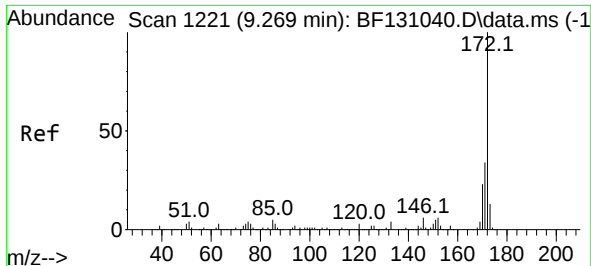


#44
2,4,5-Trichlorophenol
Concen: 44.402 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



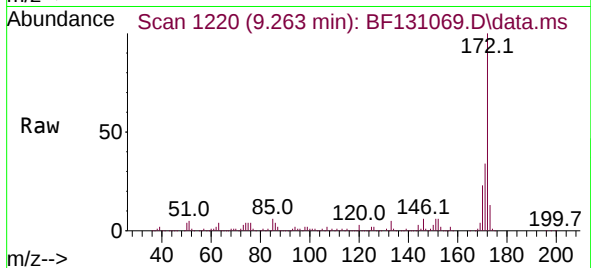
Tgt Ion:196 Resp: 111902
Ion Ratio Lower Upper
196 100
198 98.6 78.6 118.0
97 53.5 38.9 58.3
132 27.1 20.6 30.8





#45
2-Fluorobiphenyl
Concen: 90.284 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

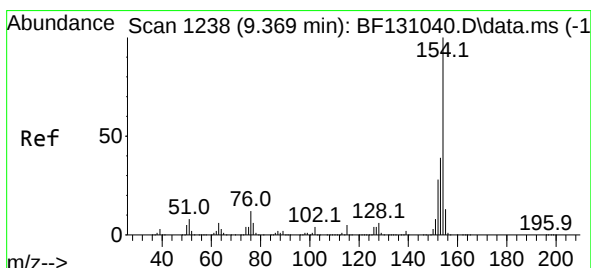
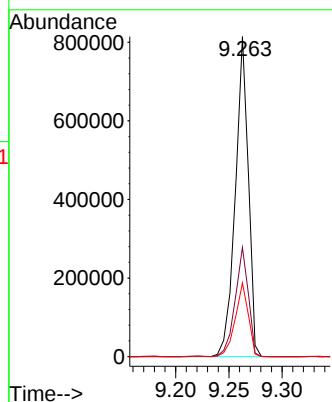
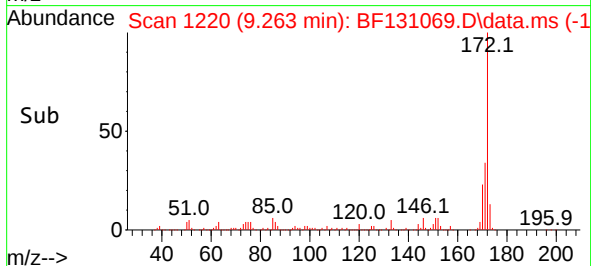
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



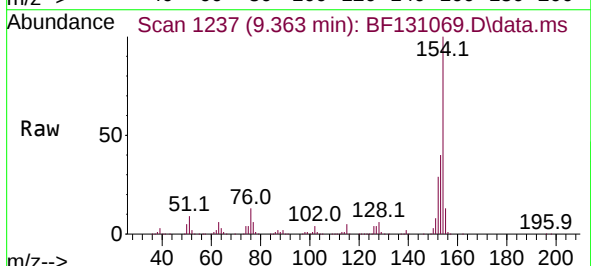
Tgt Ion:172 Resp: 692612
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.1 18.4 27.6

Manual Integrations
APPROVED

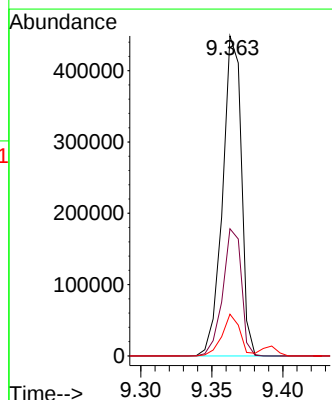
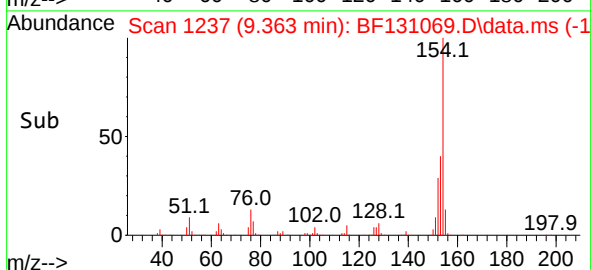
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

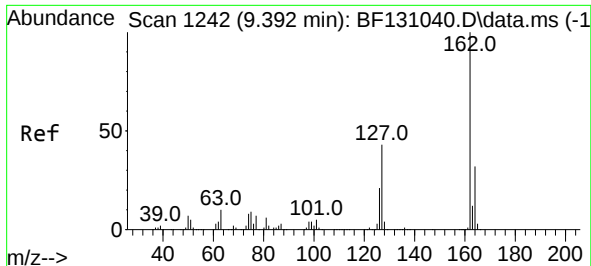


#46
1,1'-Biphenyl
Concen: 50.559 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion:154 Resp: 411715
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 13.0 0.0 32.0





#47

2-Chloronaphthalene

Concen: 47.559 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MS

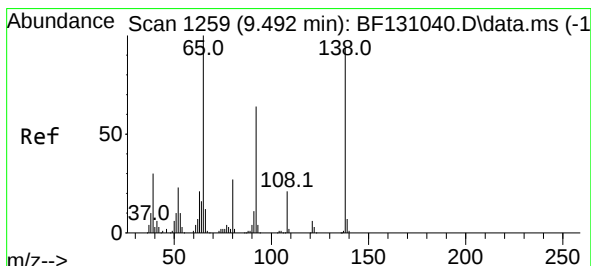
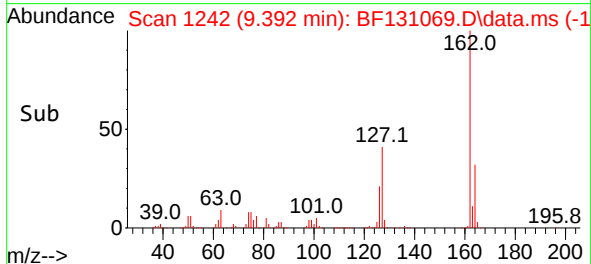
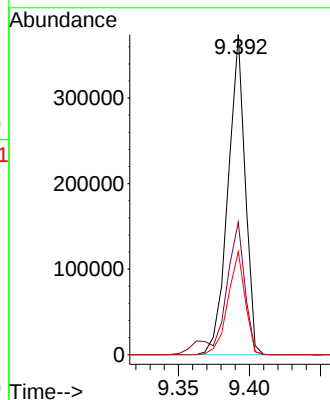
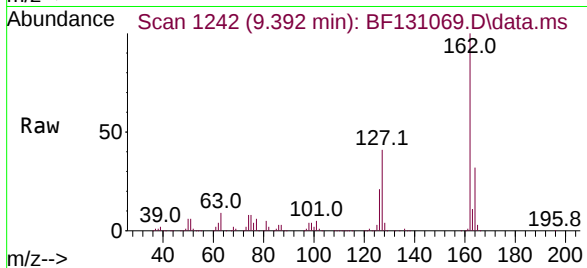
Tgt Ion:162 Resp: 313978

Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.6	51.8
164	32.2	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: 44.763 ng

RT: 9.486 min Scan# 1258

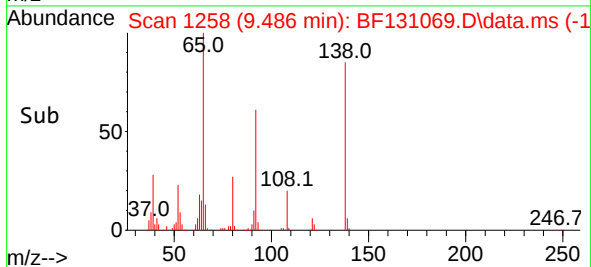
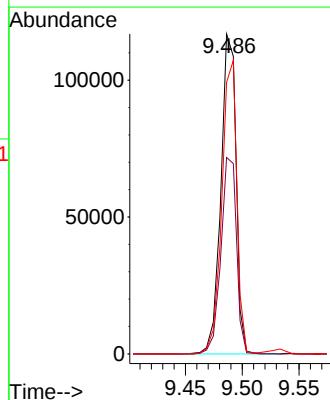
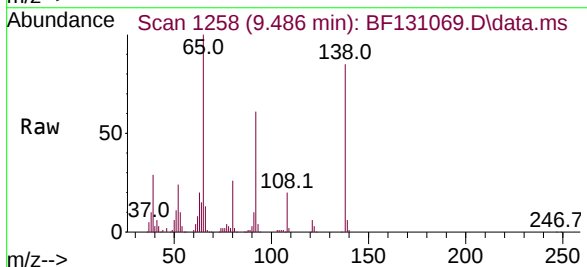
Delta R.T. -0.006 min

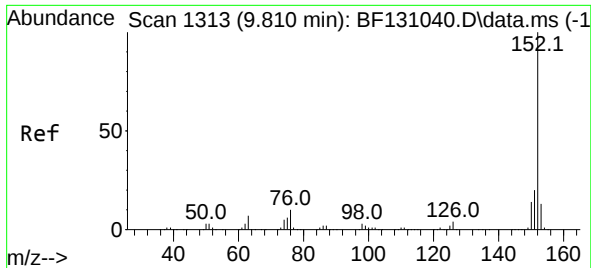
Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Tgt Ion: 65 Resp: 108614

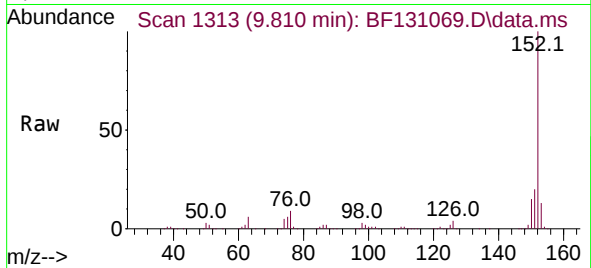
Ion	Ratio	Lower	Upper
65	100		
92	61.4	51.3	76.9
138	84.9	75.0	112.4





#49
Acenaphthylene
Concen: 44.841 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

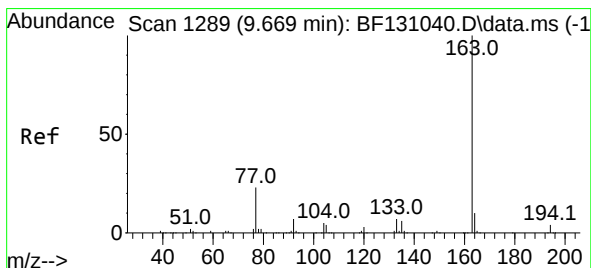
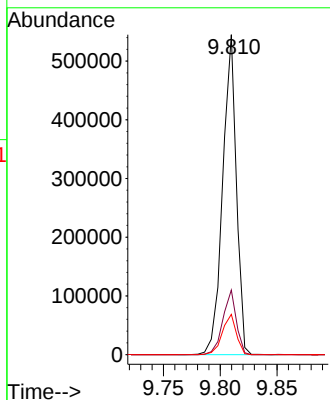
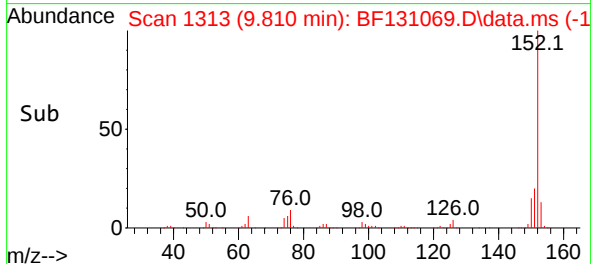
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



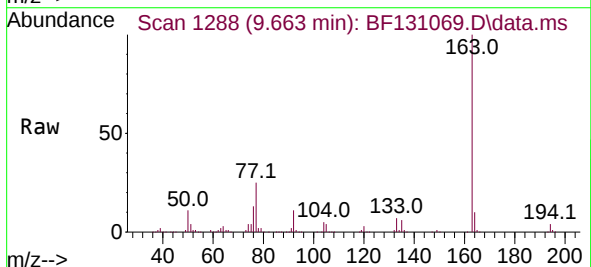
Tgt Ion:152 Resp: 454924
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.6 10.4 15.6

Manual Integrations
APPROVED

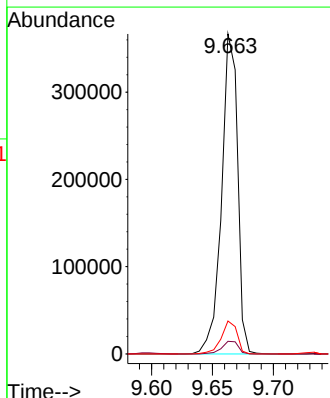
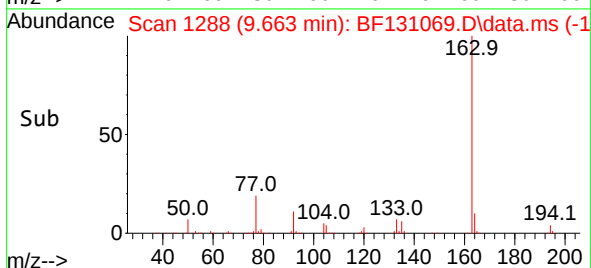
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

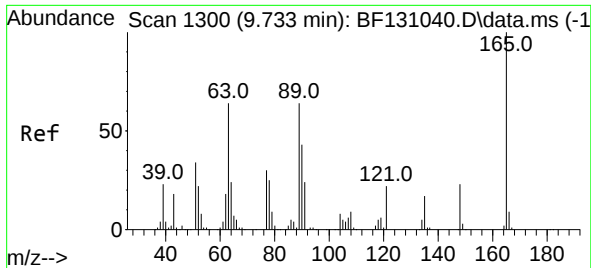


#50
Dimethylphthalate
Concen: 41.491 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion:163 Resp: 335237
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.3 12.5





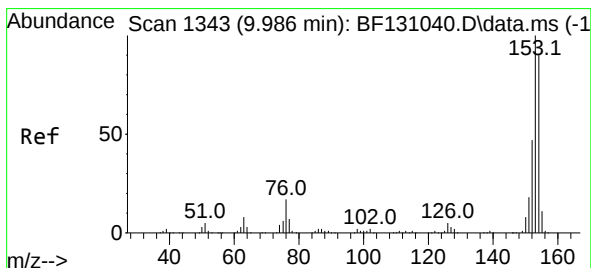
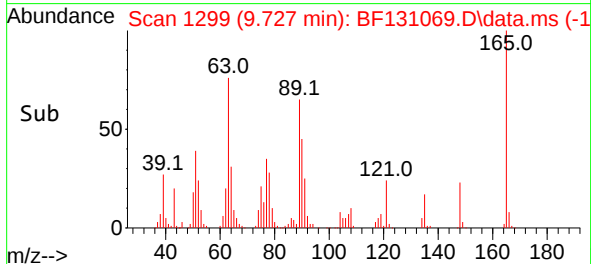
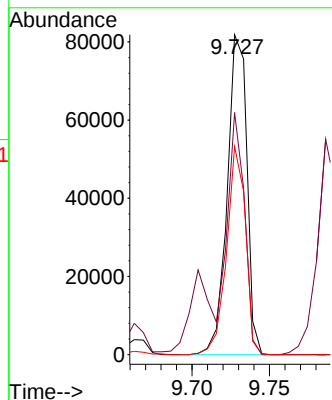
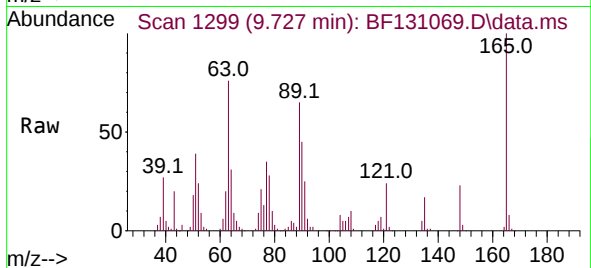
#51
2,6-Dinitrotoluene
Concen: 42.358 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion:165 Resp: 72806
Ion Ratio Lower Upper
165 100
63 75.6 57.2 85.8
89 65.0 51.4 77.2

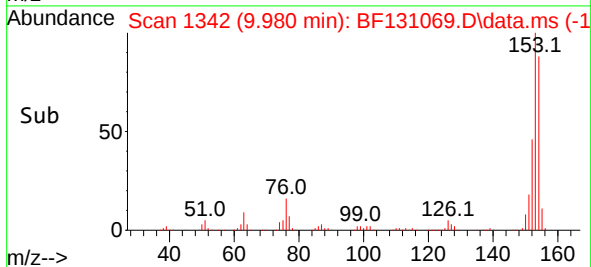
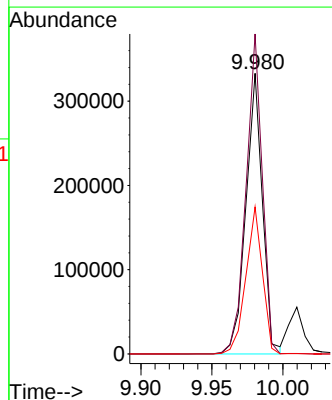
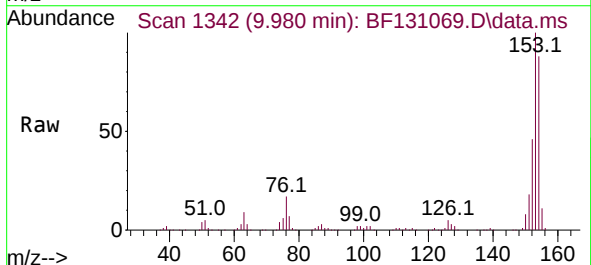
Manual Integrations
APPROVED

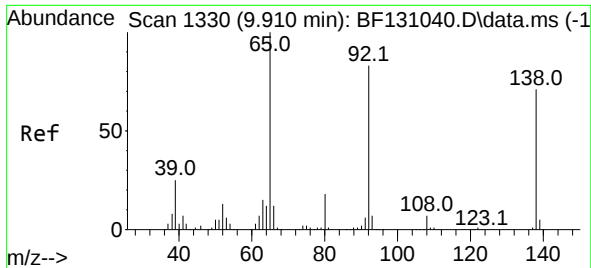
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#52
Acenaphthene
Concen: 43.463 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Tgt Ion:154 Resp: 270006
Ion Ratio Lower Upper
154 100
153 114.0 89.0 133.6
152 52.4 42.1 63.1





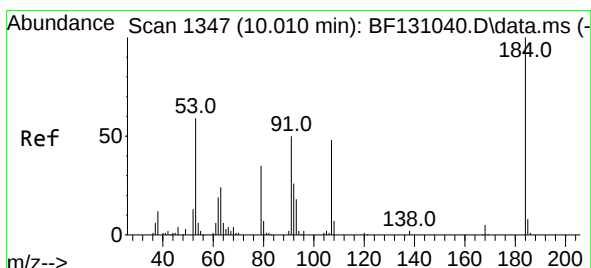
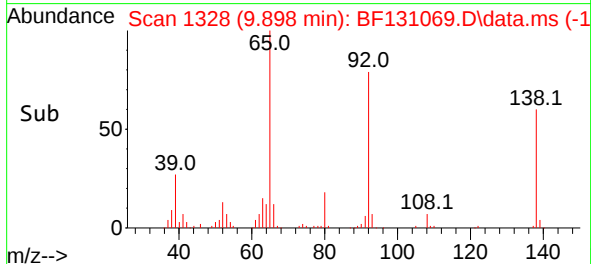
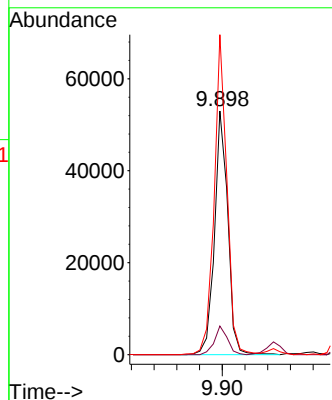
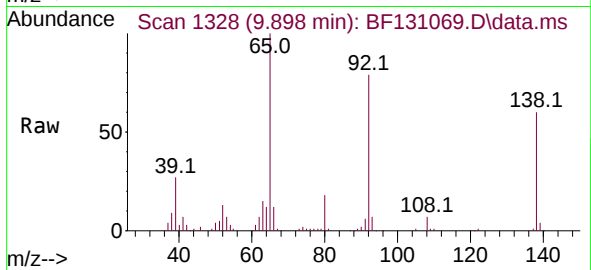
#53
3-Nitroaniline
Concen: 23.171 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion:138 Resp: 42985
Ion Ratio Lower Upper
138 100
108 11.7 8.4 12.6
92 131.4 93.8 140.6

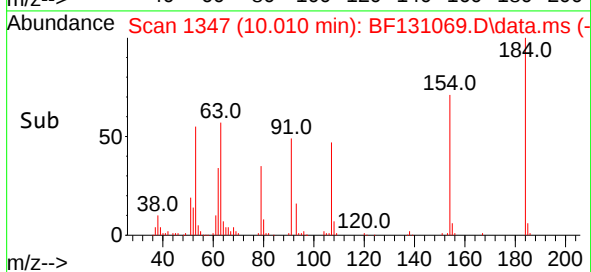
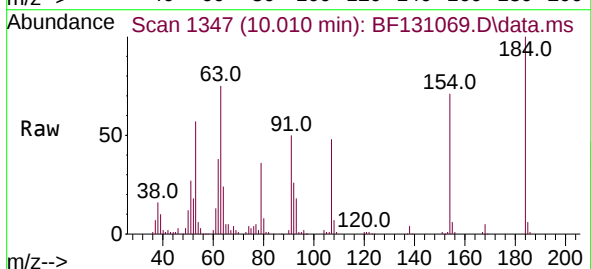
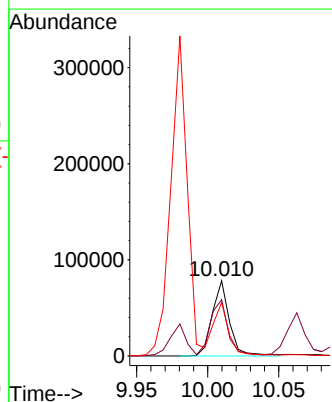
Manual Integrations
APPROVED

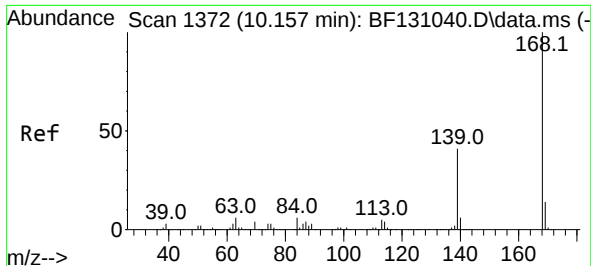
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#54
2,4-Dinitrophenol
Concen: 75.949 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

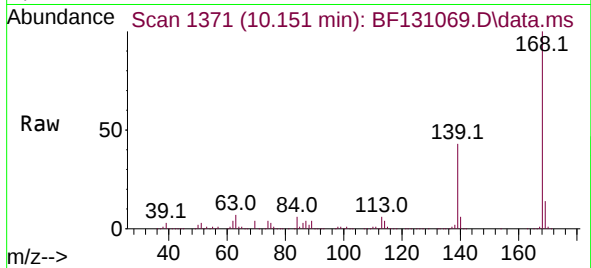
Tgt Ion:184 Resp: 65734
Ion Ratio Lower Upper
184 100
63 74.8 63.8 95.8
154 71.0 53.8 80.6





#55
Dibenzenofuran
Concen: 52.777 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

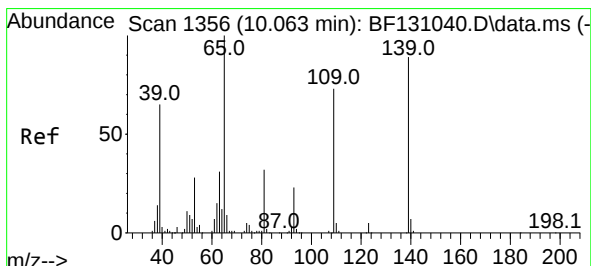
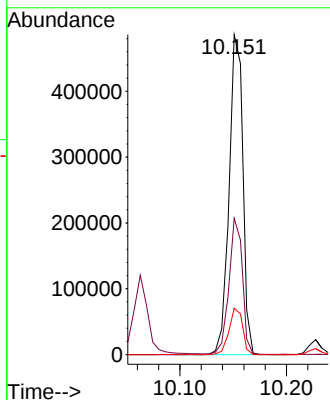
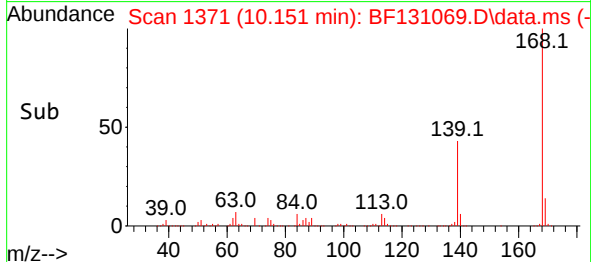
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:168 Resp: 437714
Ion Ratio Lower Upper
168 100
139 42.6 33.0 49.6
169 14.5 11.3 16.9

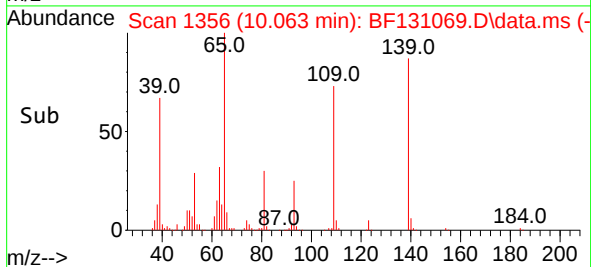
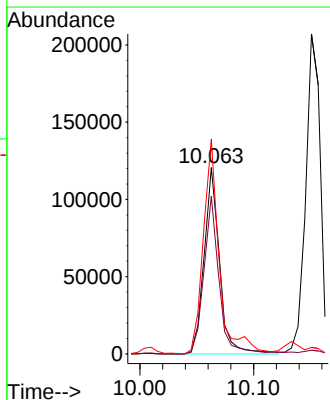
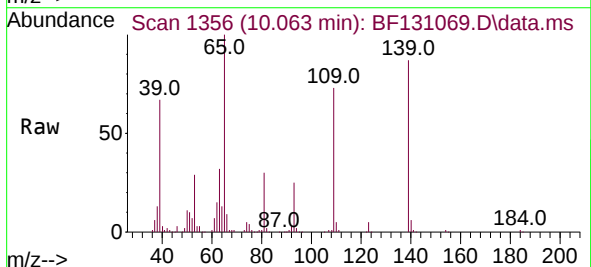
Manual Integrations
APPROVED

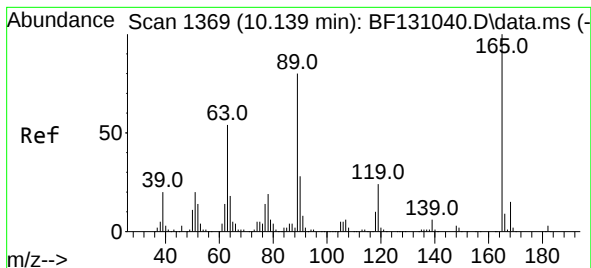
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#56
4-Nitrophenol
Concen: 87.131 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

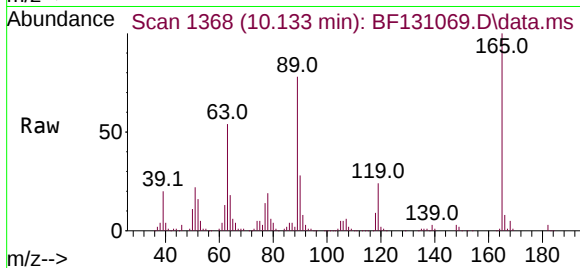
Tgt Ion:139 Resp: 114086
Ion Ratio Lower Upper
139 100
109 84.7 62.3 102.3
65 115.3 92.6 132.6





#57
2,4-Dinitrotoluene
Concen: 48.418 ng
RT: 10.133 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

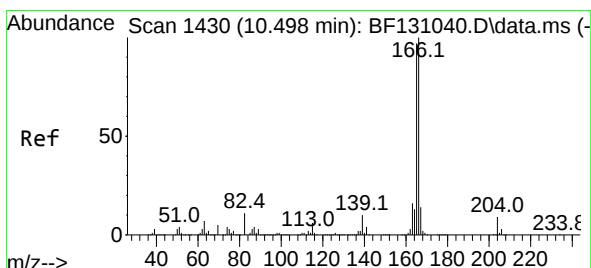
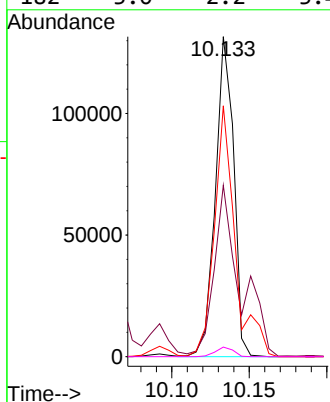
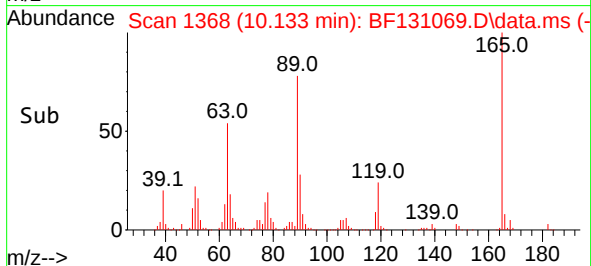
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



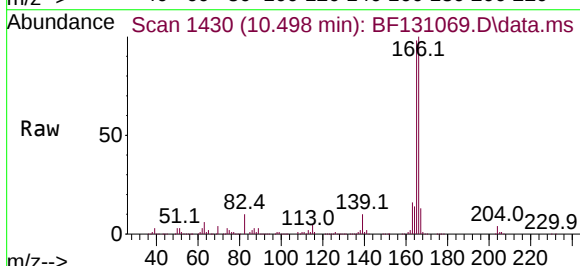
Tgt Ion:165 Resp: 10812
Ion Ratio Lower Upper
165 100
63 53.5 43.4 65.0
89 78.4 64.0 96.0
182 3.0 2.2 3.4

Manual Integrations
APPROVED

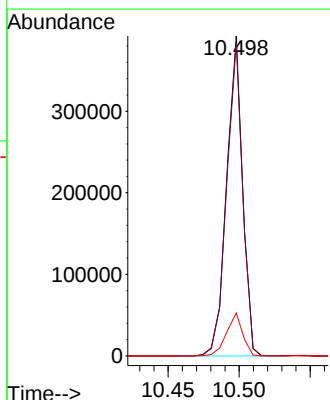
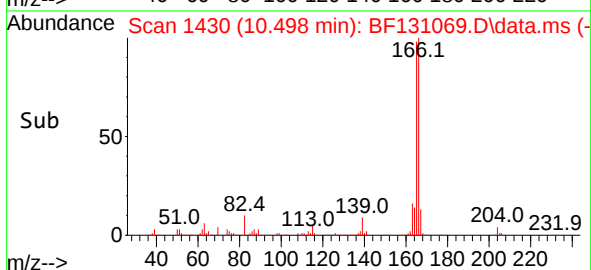
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

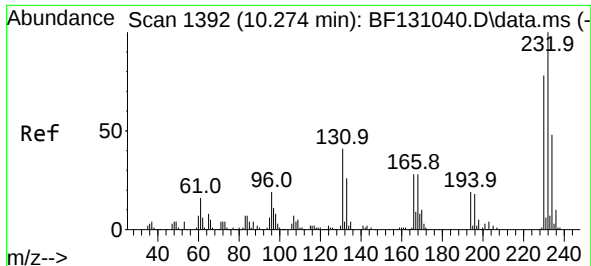


#58
Fluorene
Concen: 40.856 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



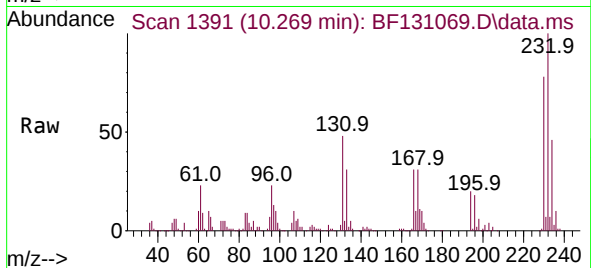
Tgt Ion:166 Resp: 306912
Ion Ratio Lower Upper
166 100
165 97.8 77.2 115.8
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.073 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

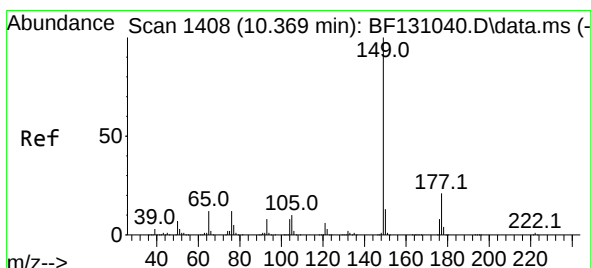
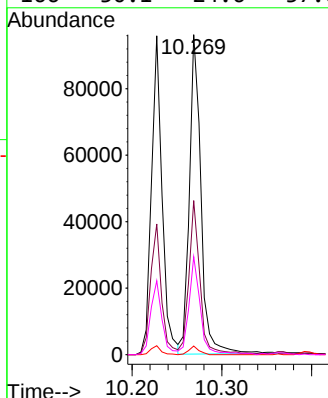
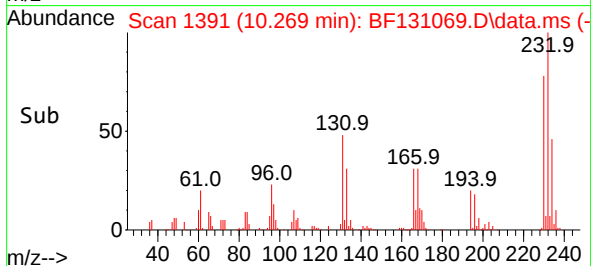
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:232 Resp: 86381
Ion Ratio Lower Upper
232 100
131 45.3 37.8 56.6
130 2.3 2.2 3.2
166 30.1 24.6 37.0

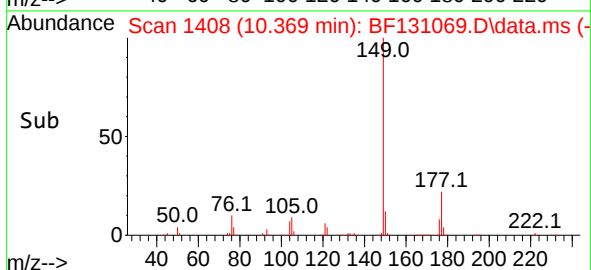
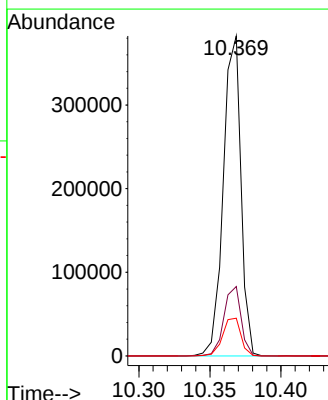
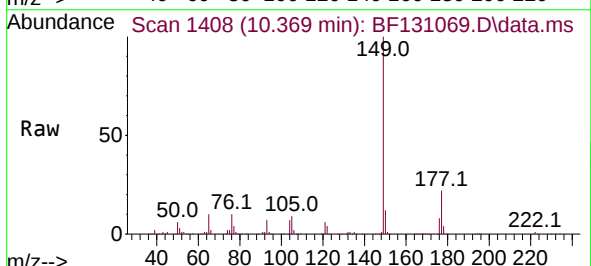
Manual Integrations
APPROVED

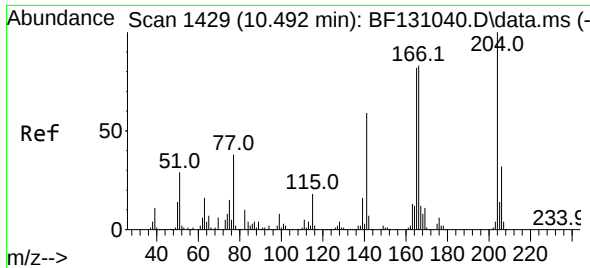
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#60
Diethylphthalate
Concen: 39.283 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Tgt Ion:149 Resp: 330786
Ion Ratio Lower Upper
149 100
177 21.7 16.6 25.0
150 11.8 10.2 15.2





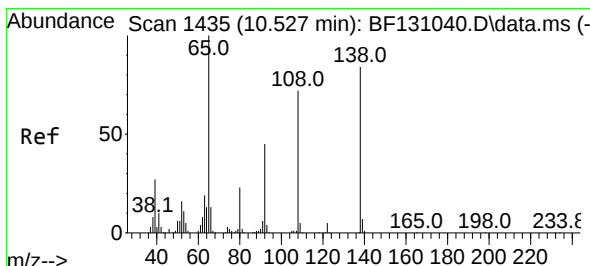
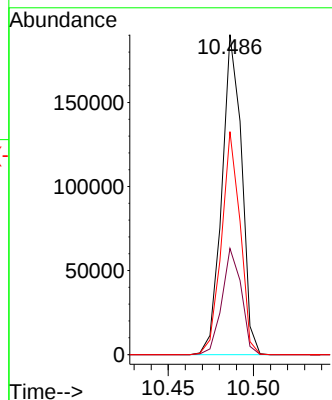
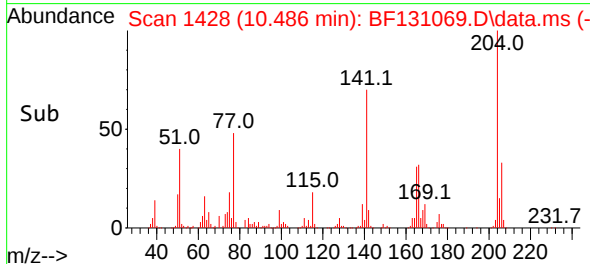
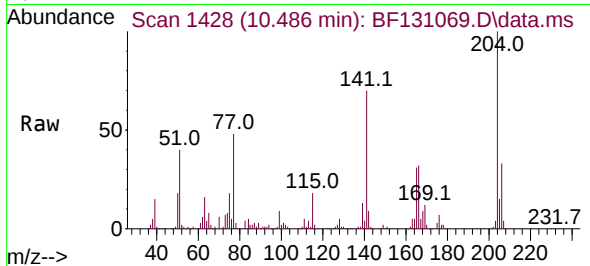
#61
4-Chlorophenyl-phenylether
Concen: 41.217 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion:204 Resp: 15335
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 69.7 47.1 70.7

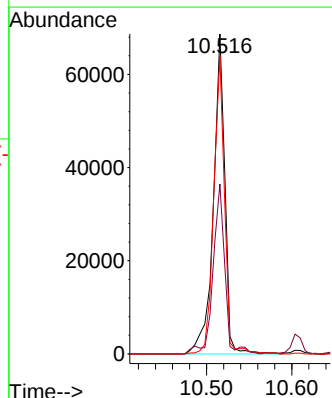
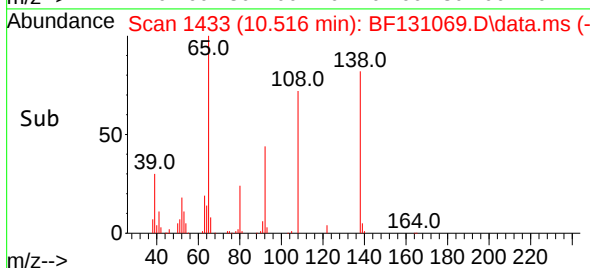
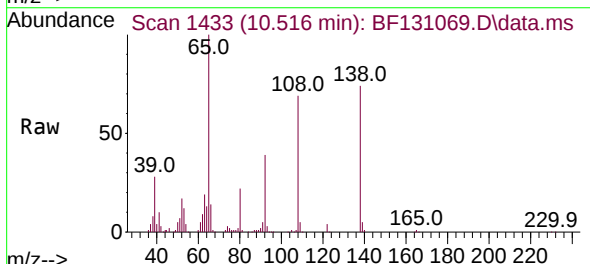
Manual Integrations
APPROVED

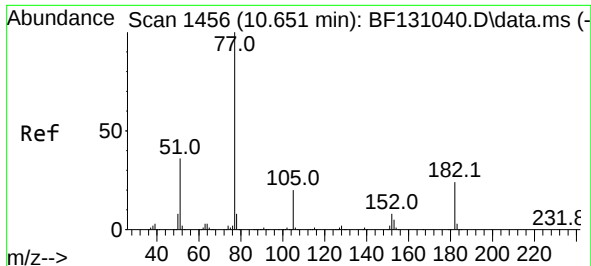
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#62
4-Nitroaniline
Concen: 33.840 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

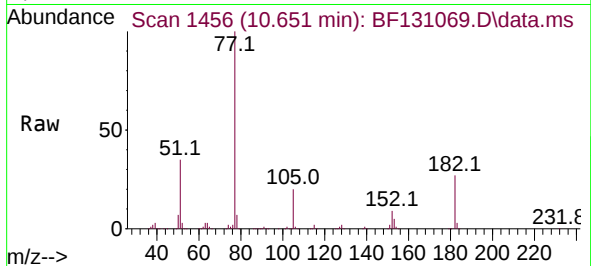
Tgt Ion:138 Resp: 64351
Ion Ratio Lower Upper
138 100
92 53.1 33.5 73.5
108 93.0 66.0 106.0





#63
Azobenzene
Concen: 39.585 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

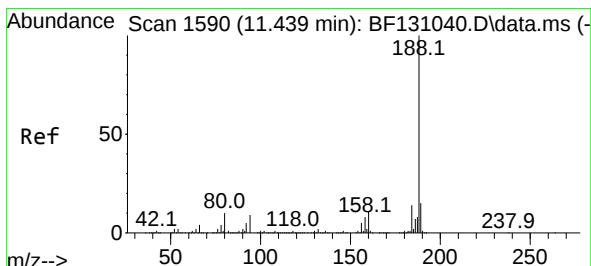
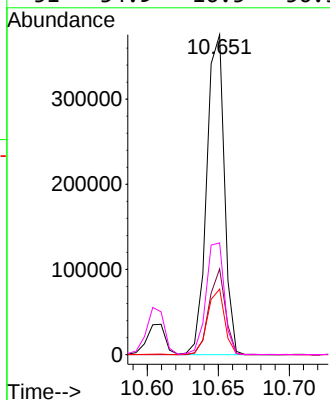
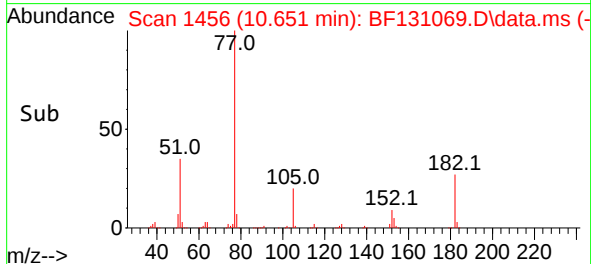
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



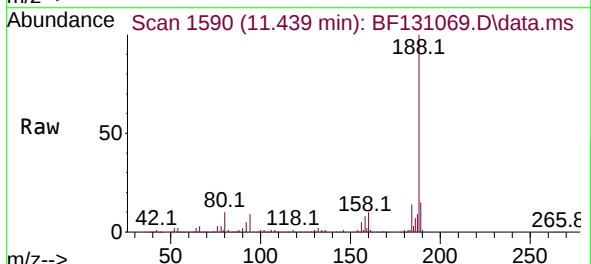
Tgt Ion: 77 Resp: 323983
Ion Ratio Lower Upper
77 100
182 26.8 3.9 43.9
105 20.5 0.0 39.9
51 34.9 16.5 56.5

Manual Integrations
APPROVED

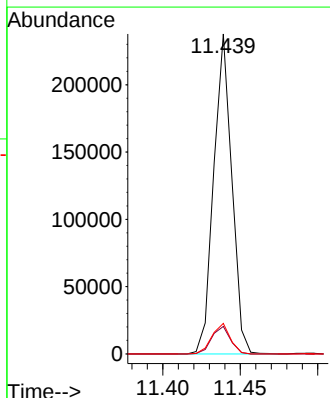
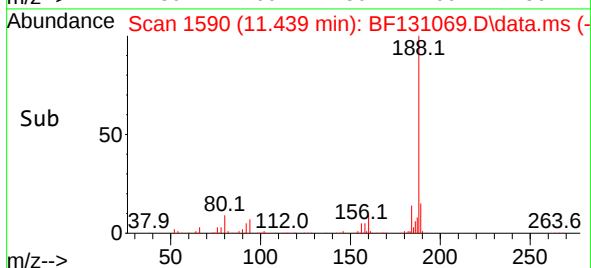
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

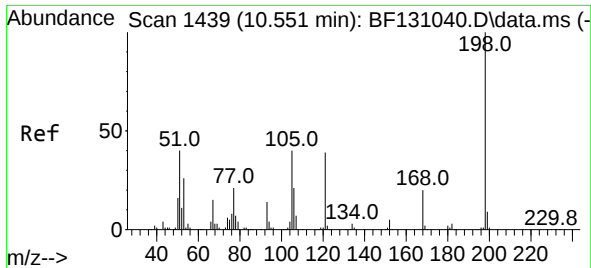


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion:188 Resp: 193628
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.5 8.1 12.1





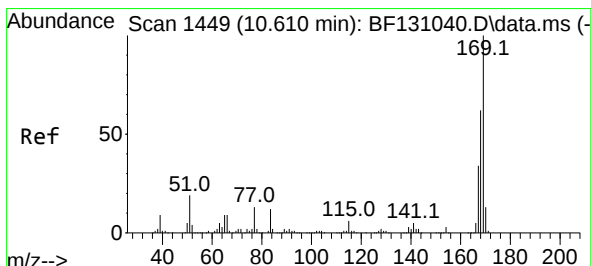
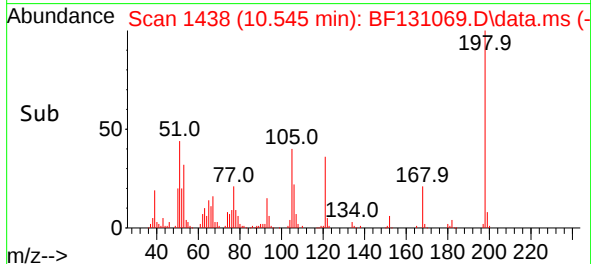
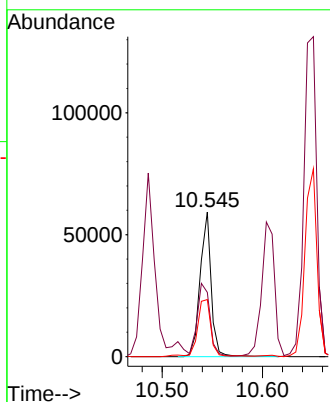
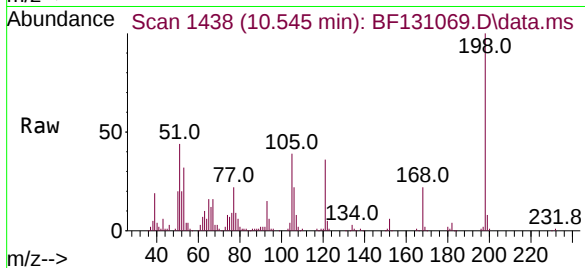
#65
4,6-Dinitro-2-methylphenol
Concen: 36.719 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Tgt Ion:198 Resp: 45115
Ion Ratio Lower Upper
198 100
51 44.5 24.0 64.0
105 39.5 20.3 60.3

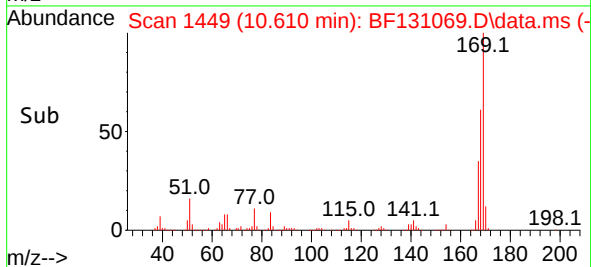
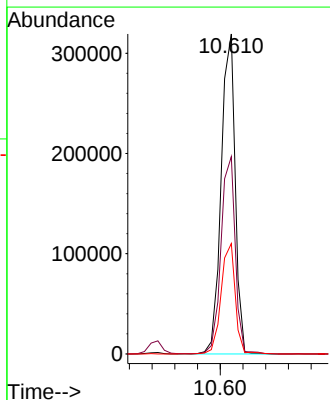
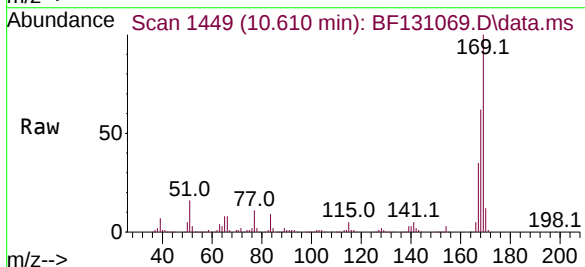
Manual Integrations
APPROVED

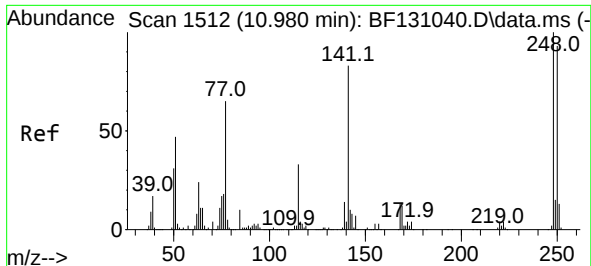
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#66
n-Nitrosodiphenylamine
Concen: 39.761 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

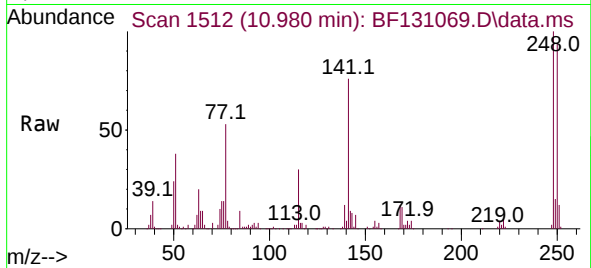
Tgt Ion:169 Resp: 272045
Ion Ratio Lower Upper
169 100
168 61.6 49.4 74.2
167 34.5 27.2 40.8





#67
4-Bromophenyl-phenylether
Concen: 38.800 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

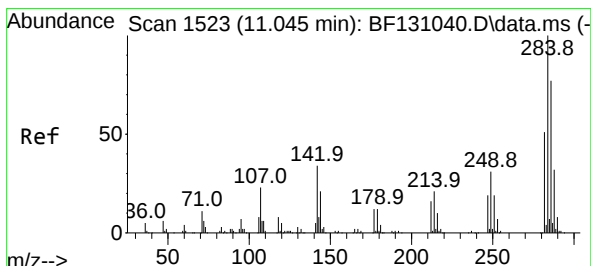
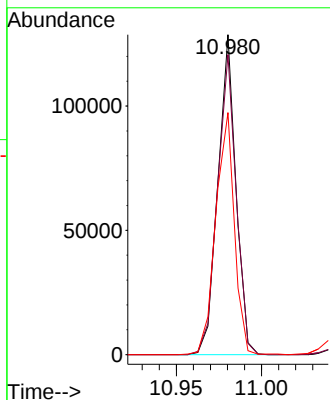
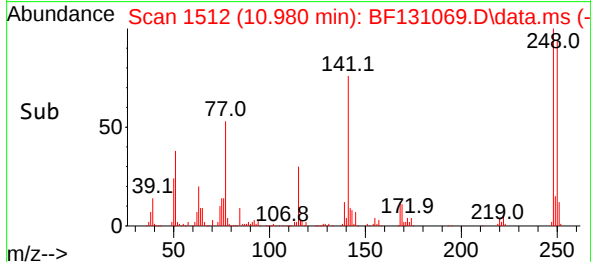
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:248 Resp: 94394
Ion Ratio Lower Upper
248 100
250 93.8 74.6 112.0
141 75.6 66.2 99.2

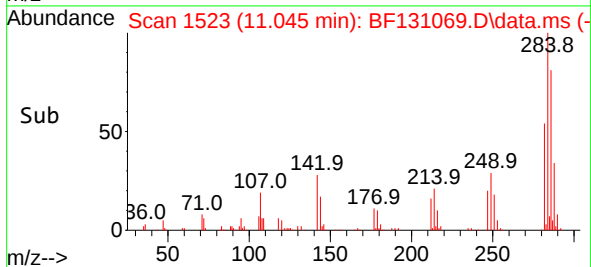
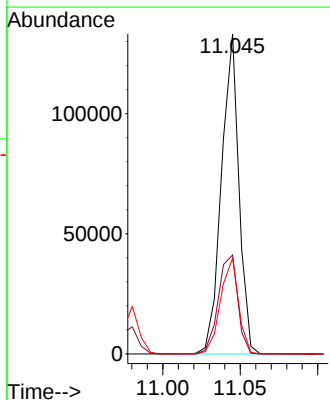
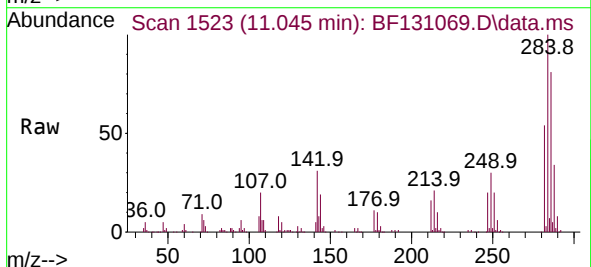
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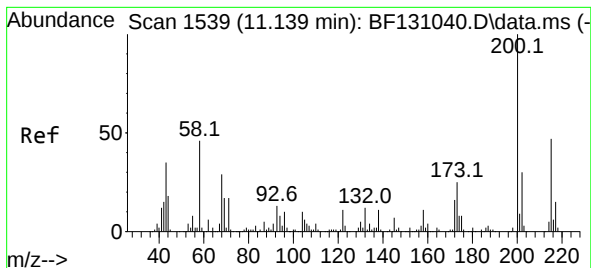
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#68
Hexachlorobenzene
Concen: 39.513 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

Tgt Ion:284 Resp: 104272
Ion Ratio Lower Upper
284 100
142 30.9 27.4 41.2
249 29.9 25.1 37.7





#69

Atrazine

Concen: 45.299 ng

RT: 11.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MS

Tgt Ion:200 Resp: 88164

Ion Ratio Lower Upper

200 100

173 25.6 5.1 45.1

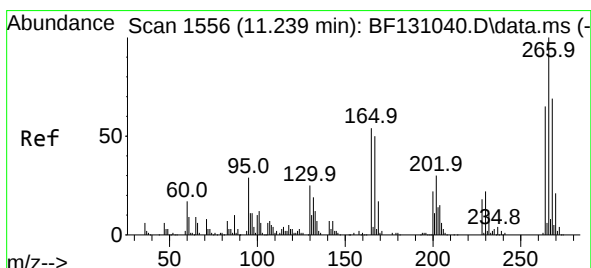
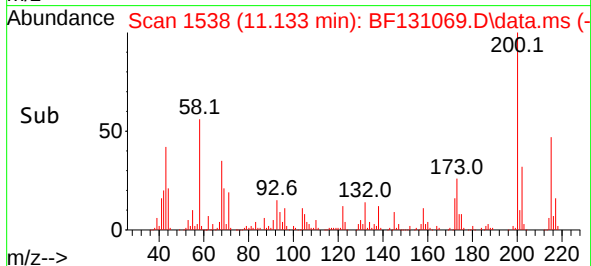
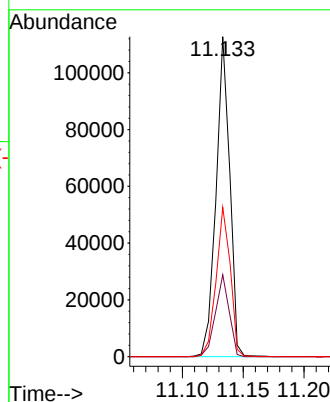
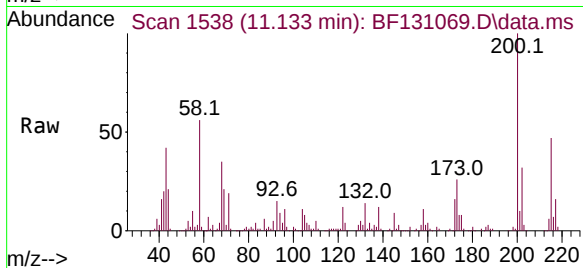
215 46.6 27.5 67.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#70

Pentachlorophenol

Concen: 87.350 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

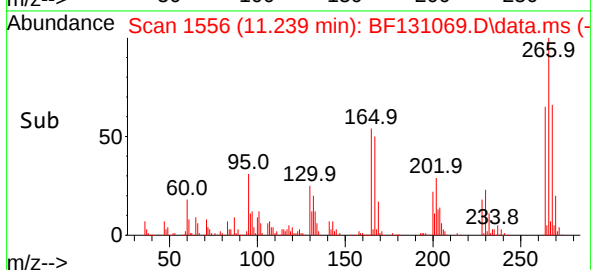
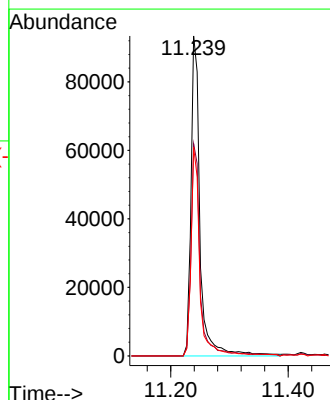
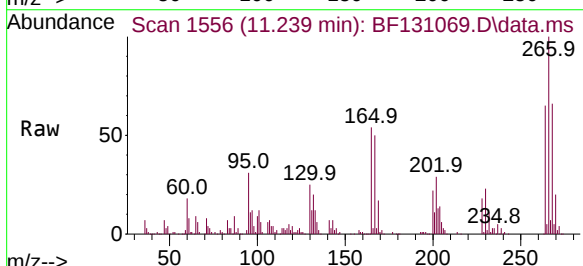
Tgt Ion:266 Resp: 100012

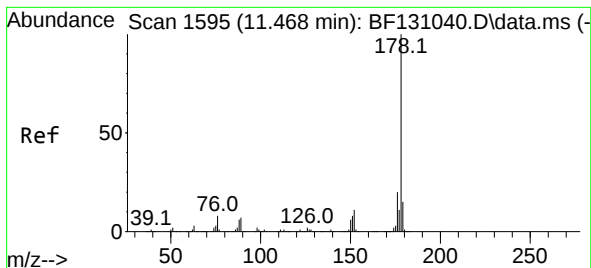
Ion Ratio Lower Upper

266 100

268 66.3 54.8 82.2

264 65.2 52.3 78.5





#71

Phenanthrene

Concen: 45.069 ng

RT: 11.463 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MS

Tgt Ion:178 Resp: 491540

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

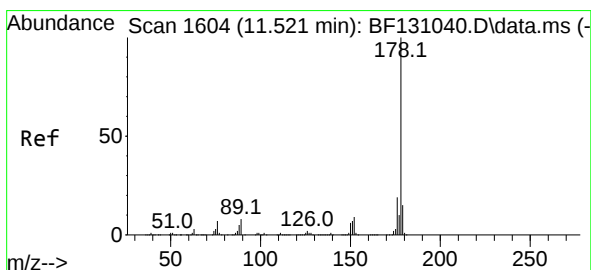
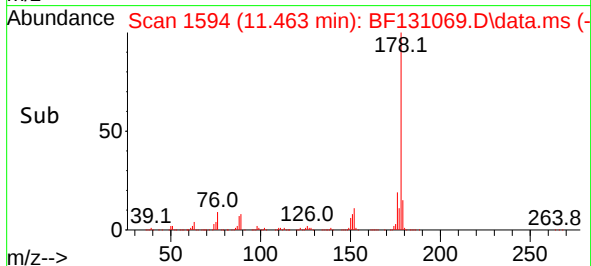
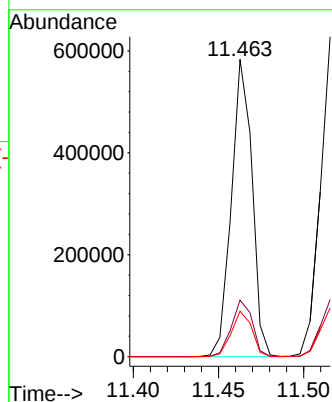
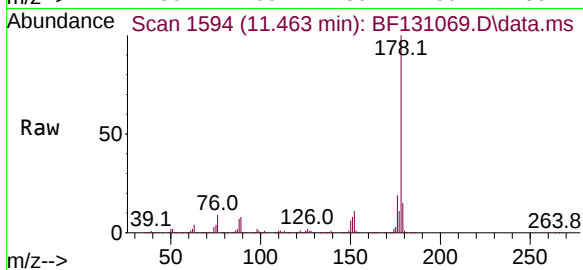
179 15.3 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#72

Anthracene

Concen: 47.150 ng

RT: 11.516 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

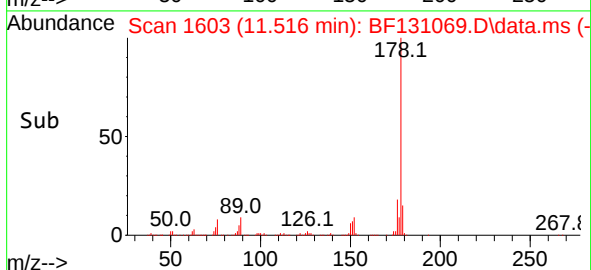
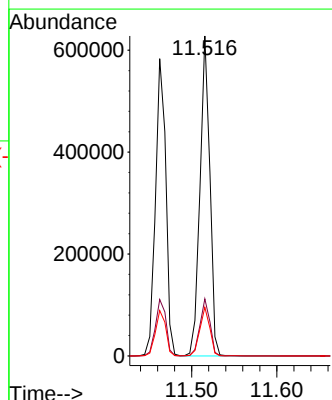
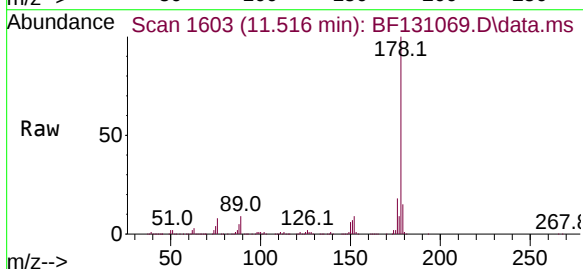
Tgt Ion:178 Resp: 504747

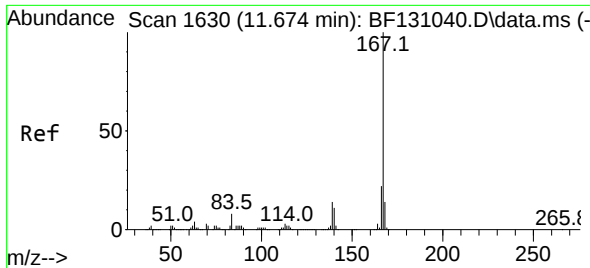
Ion Ratio Lower Upper

178 100

176 17.8 15.0 22.4

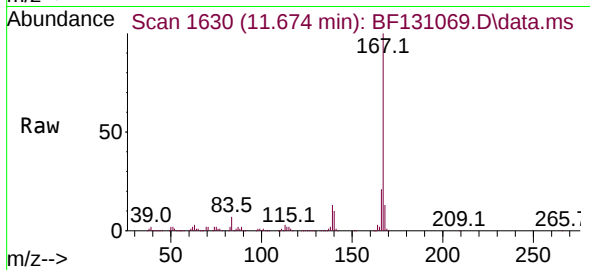
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 47.433 ng
 RT: 11.674 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131069.D
 Acq: 08 Nov 2022 16:21

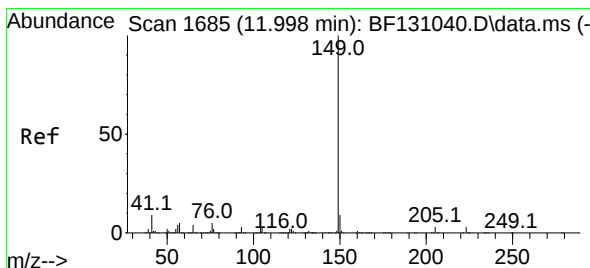
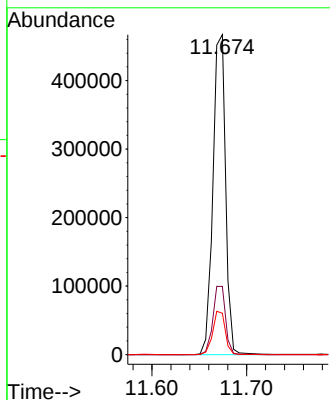
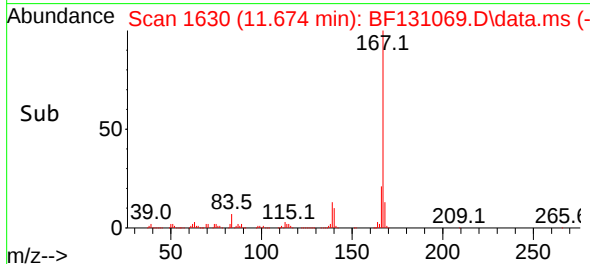
Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104MS



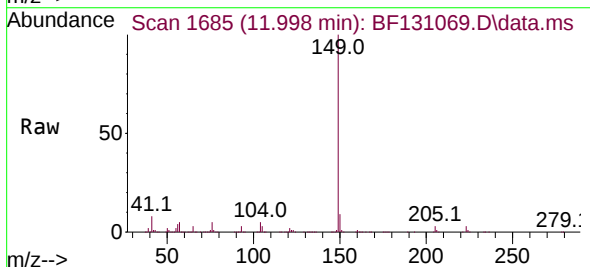
Tgt Ion:167 Resp: 434440
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 12.9 11.0 16.4

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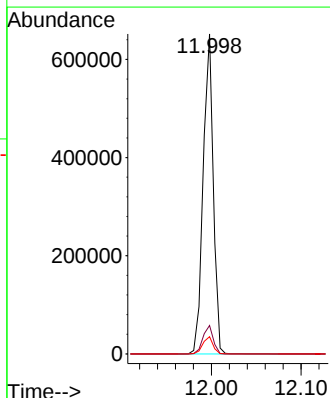
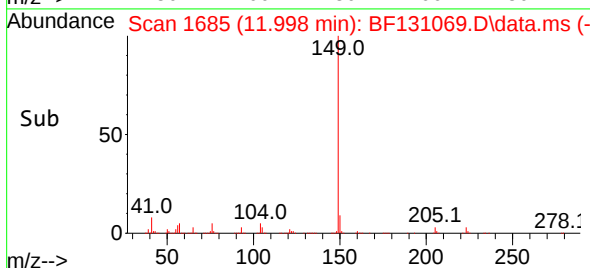
Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022

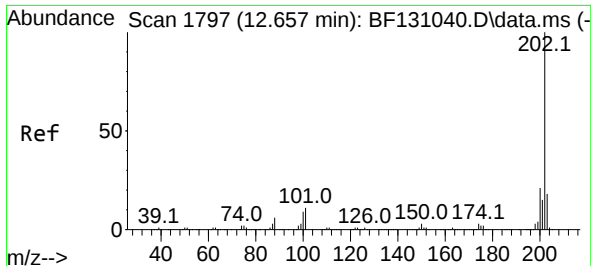


#74
 Di-n-butylphthalate
 Concen: 41.516 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: BF131069.D
 Acq: 08 Nov 2022 16:21



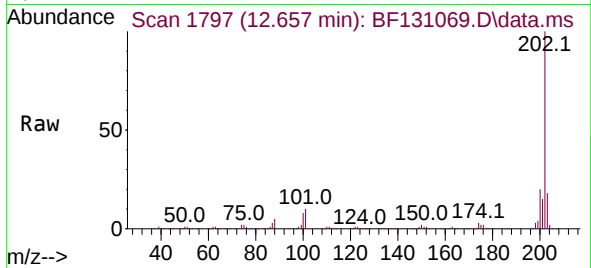
Tgt Ion:149 Resp: 509312
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 42.753 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

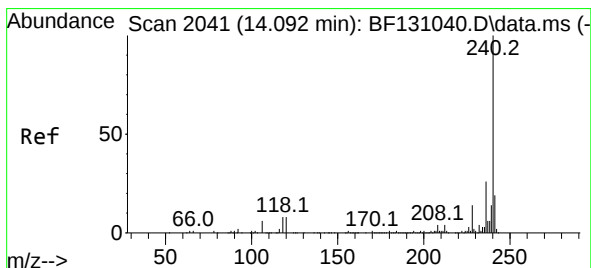
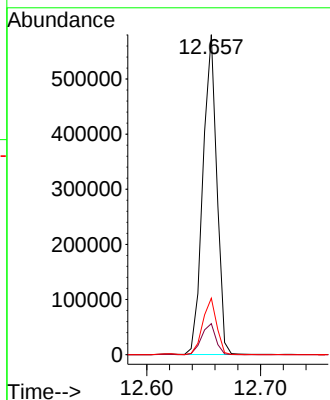
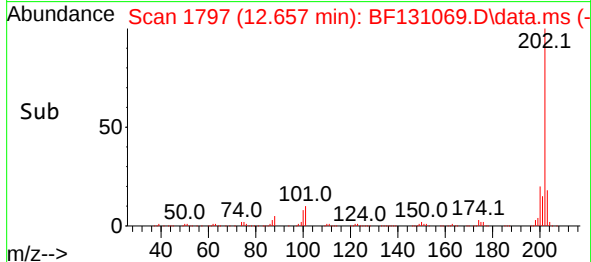
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



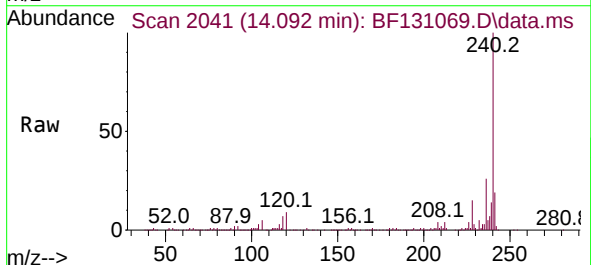
Tgt Ion:202 Resp: 494940
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 17.6 0.0 37.8

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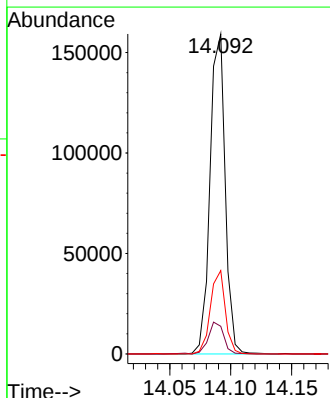
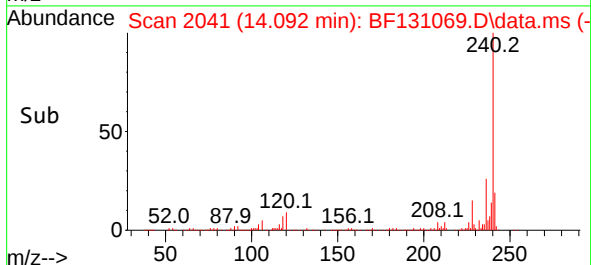
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

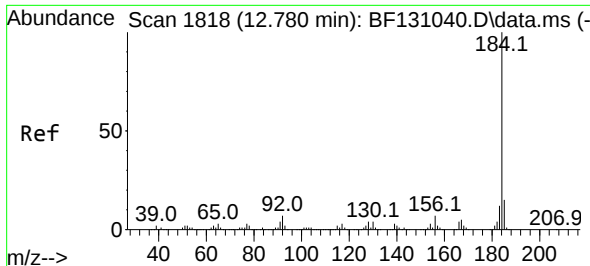


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



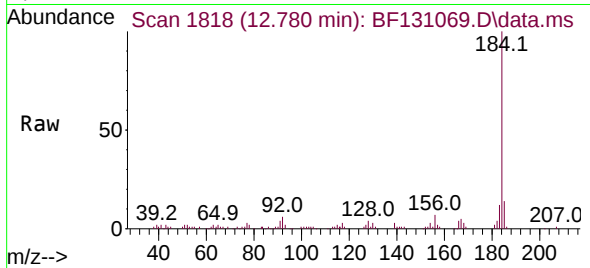
Tgt Ion:240 Resp: 138080
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.0 20.8 31.2





#77
Benzidine
Concen: 11.179 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

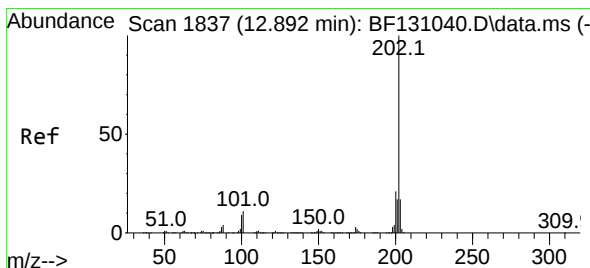
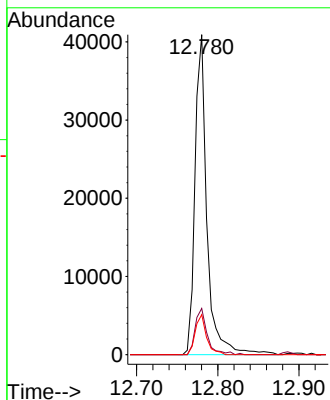
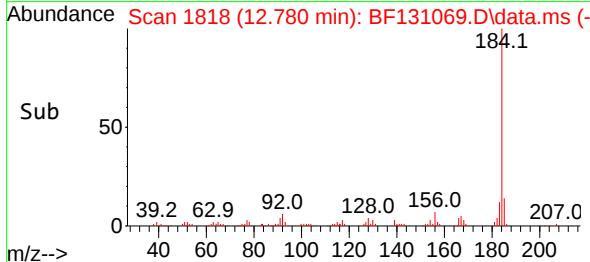
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:184 Resp: 4163
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 12.5 10.0 15.0

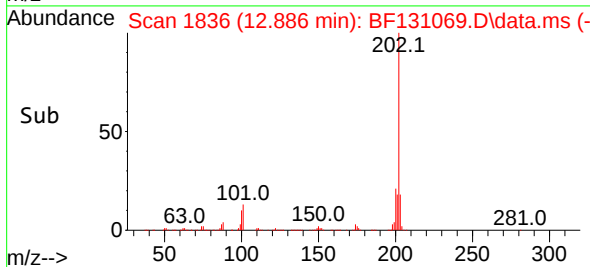
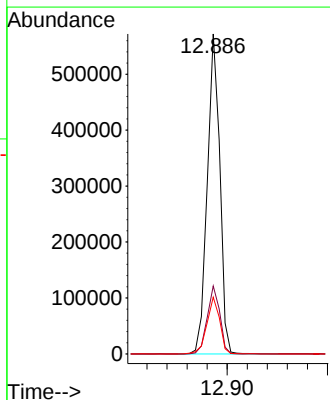
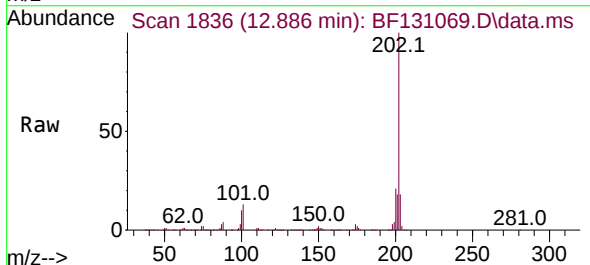
Manual Integrations
APPROVED

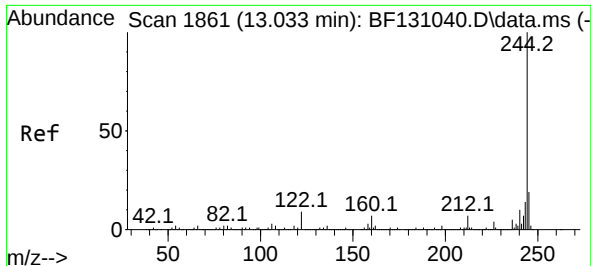
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#78
Pyrene
Concen: 39.268 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

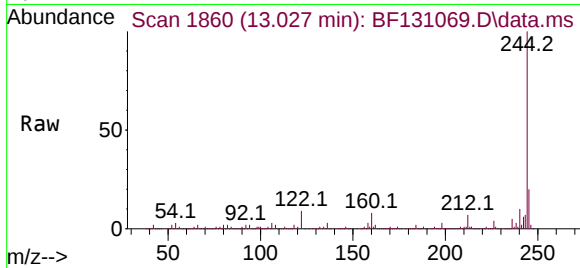
Tgt Ion:202 Resp: 493806
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 80.087 ng
 RT: 13.027 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: BF131069.D
 Acq: 08 Nov 2022 16:21

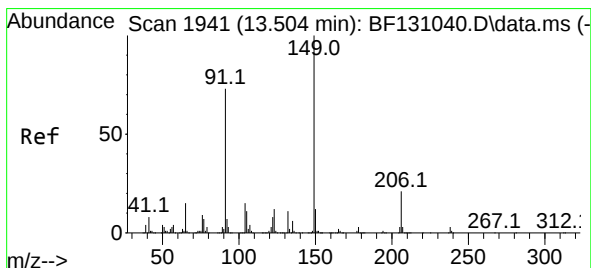
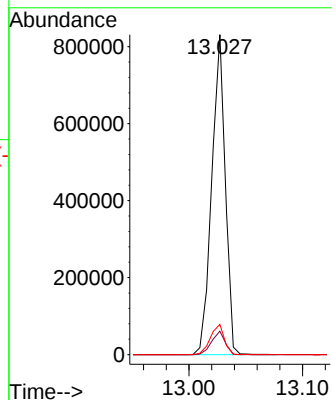
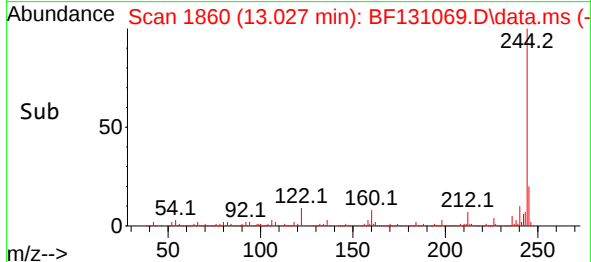
Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104MS



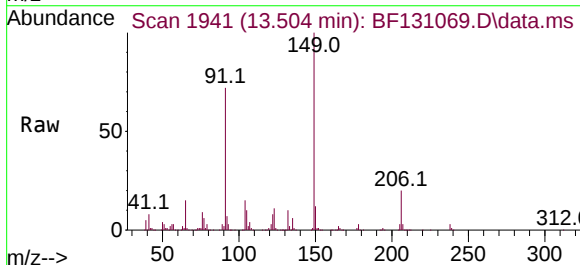
Tgt Ion:244 Resp: 689745
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.4 7.0 10.4

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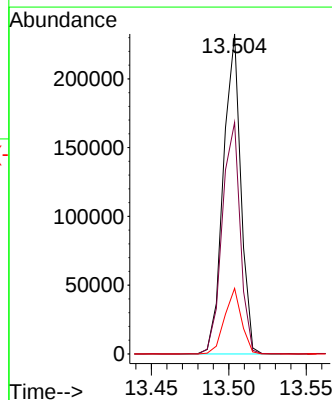
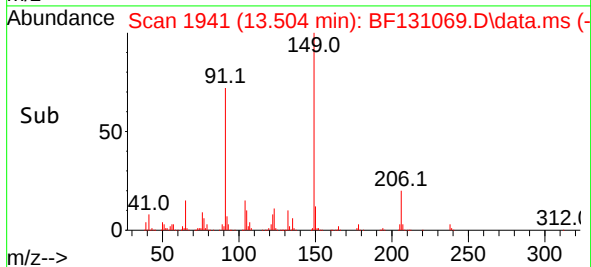
Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022

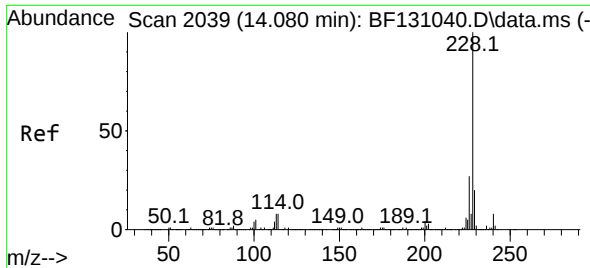


#80
 Butylbenzylphthalate
 Concen: 36.969 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BF131069.D
 Acq: 08 Nov 2022 16:21



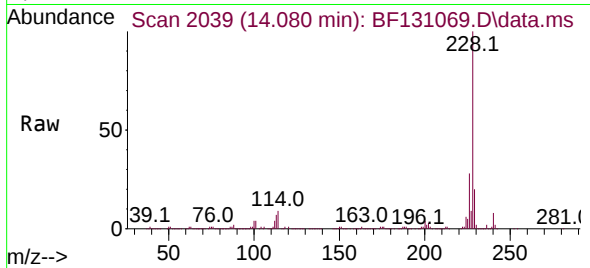
Tgt Ion:149 Resp: 183153
 Ion Ratio Lower Upper
 149 100
 91 72.3 58.3 87.5
 206 20.5 16.5 24.7





#81
Benzo(a)anthracene
Concen: 43.688 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

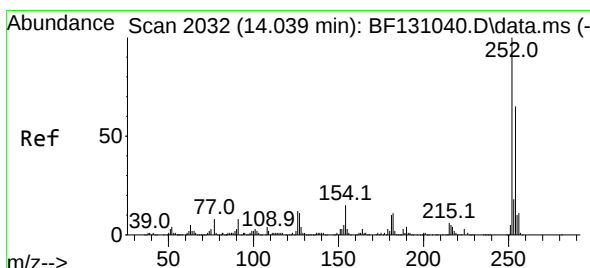
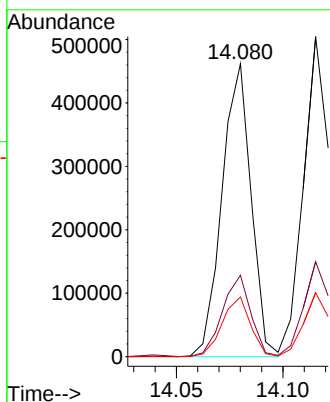
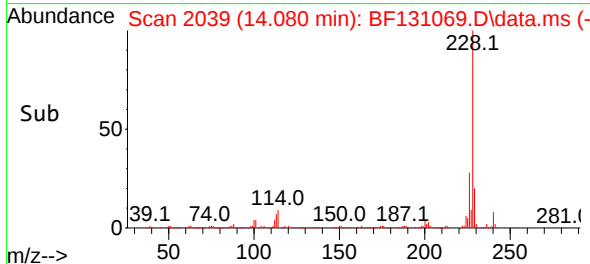
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



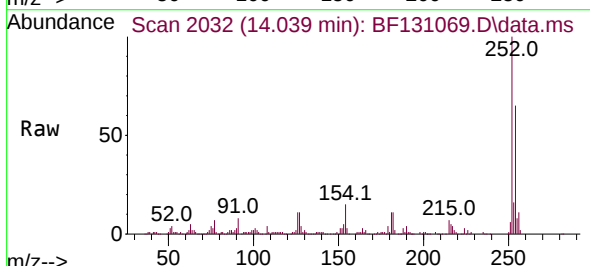
Tgt Ion:228 Resp: 438009
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.4 15.8 23.6

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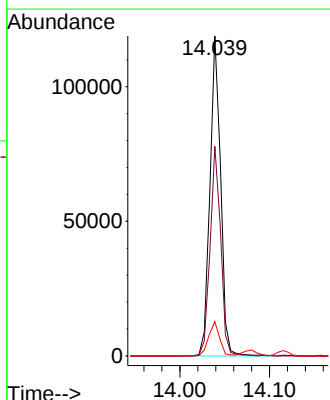
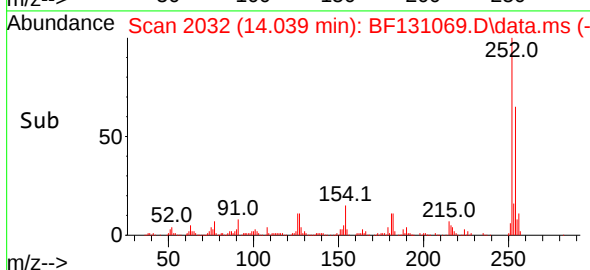
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

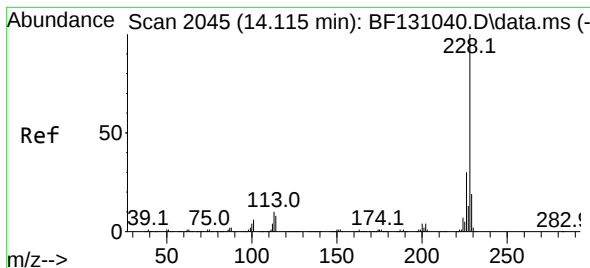


#82
3,3'-Dichlorobenzidine
Concen: 36.032 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion:252 Resp: 98168
Ion Ratio Lower Upper
252 100
254 65.5 51.7 77.5
126 10.7 9.2 13.8





#83

Chrysene

Concen: 44.451 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104MS

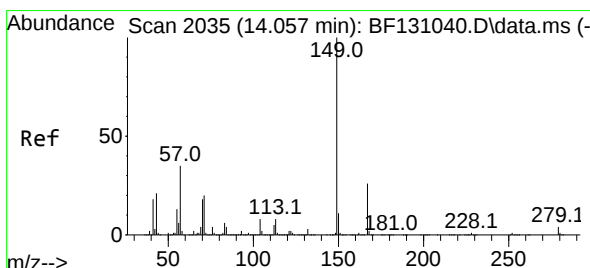
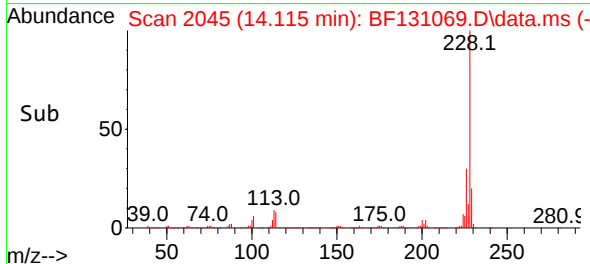
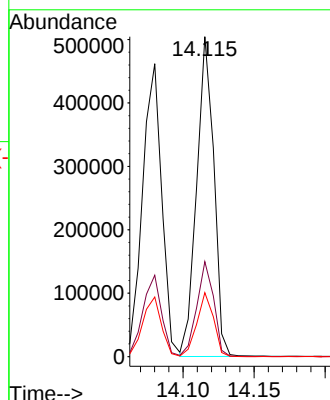
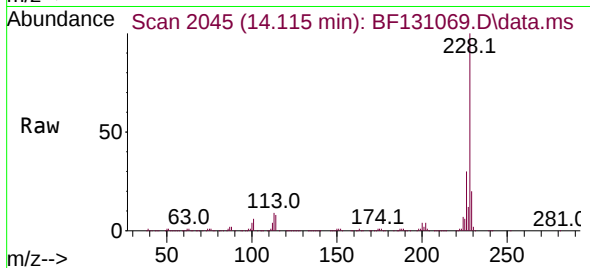
Tgt Ion:	228	Resp:	423223
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.7	35.5
229	20.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.302 ng

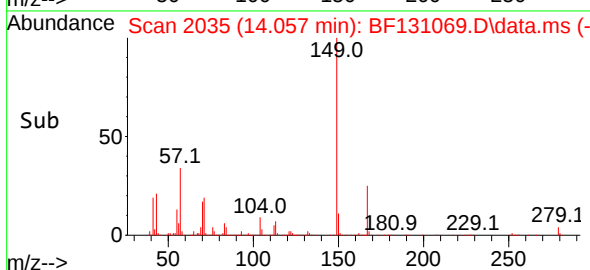
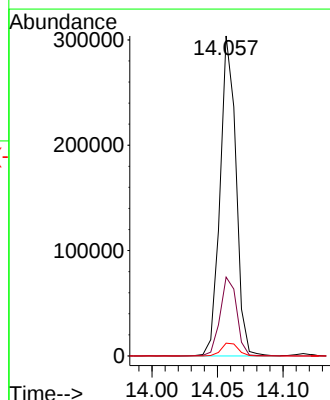
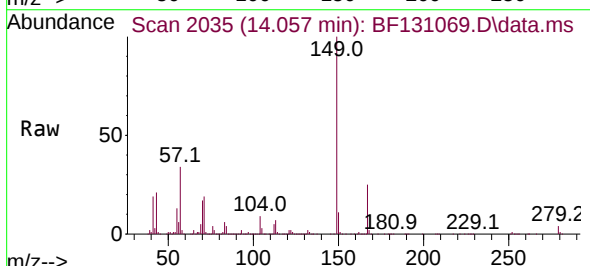
RT: 14.057 min Scan# 2035

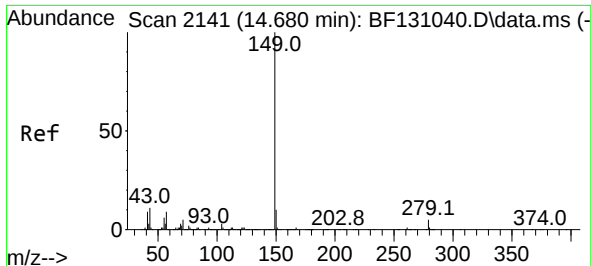
Delta R.T. -0.000 min

Lab File: BF131069.D

Acq: 08 Nov 2022 16:21

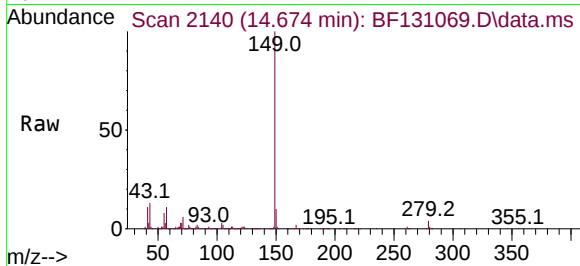
Tgt Ion:	149	Resp:	257122
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.8	31.2
279	4.0	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 58.279 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

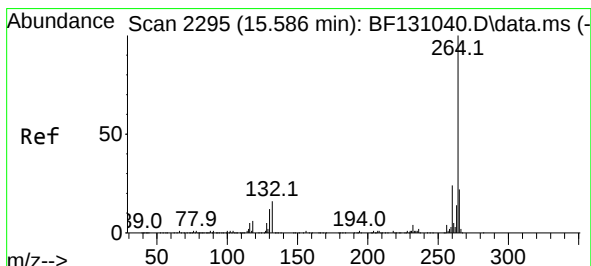
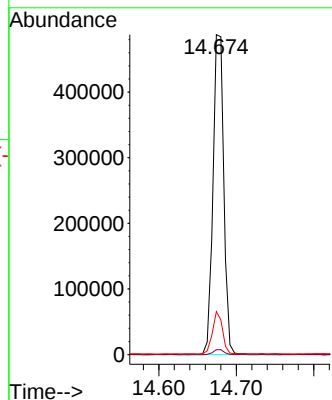
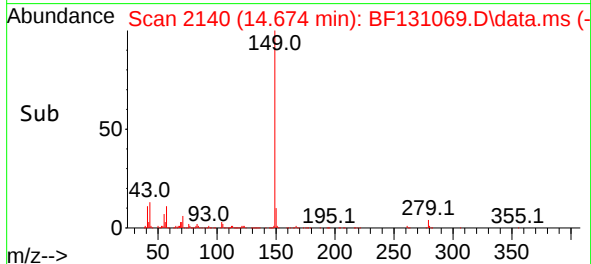
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:149 Resp: 471373
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 9.5 14.3

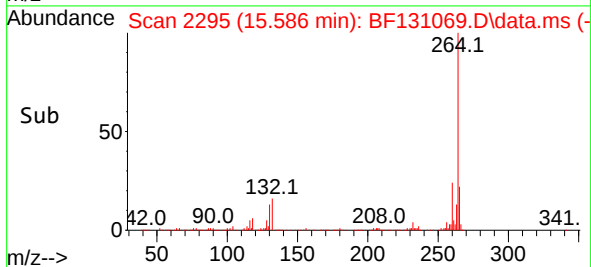
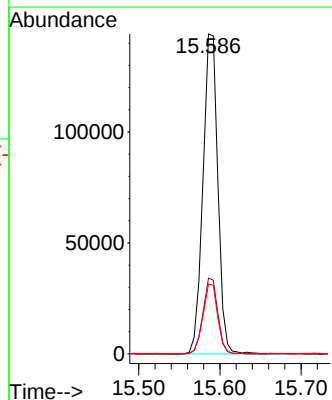
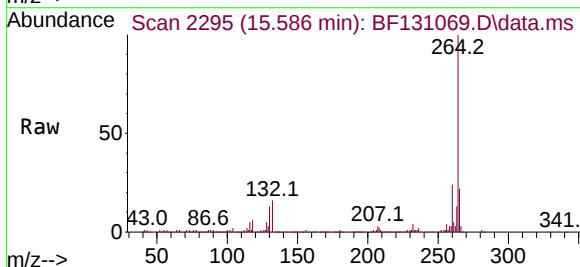
Manual Integrations
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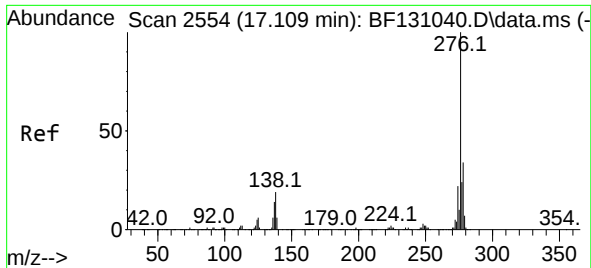
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

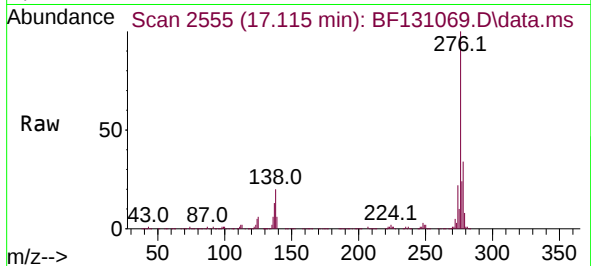
Tgt Ion:264 Resp: 184293
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.8 17.3 25.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.857 ng
 RT: 17.115 min Scan# 2555
 Delta R.T. 0.006 min
 Lab File: BF131069.D
 Acq: 08 Nov 2022 16:21

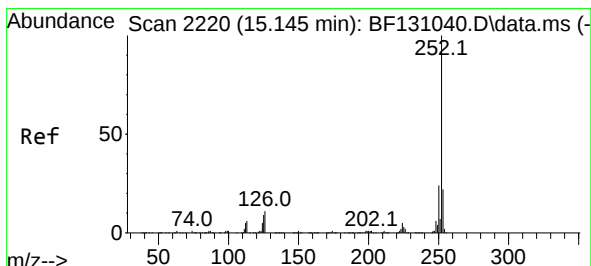
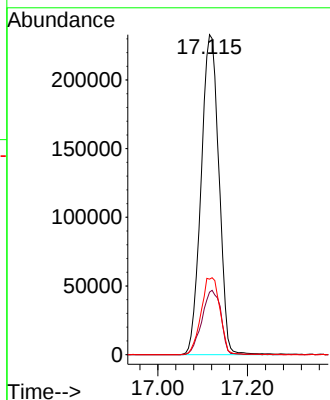
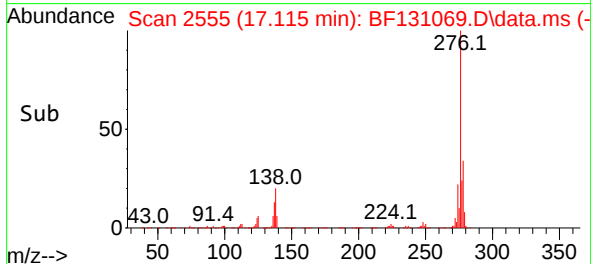
Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104MS



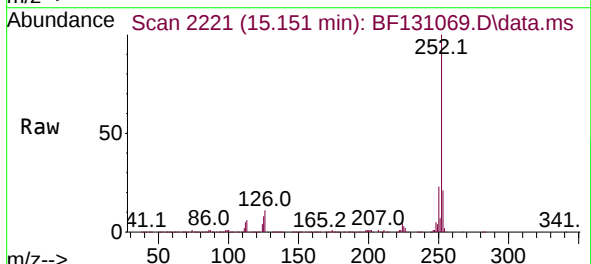
Tgt Ion: 276 Resp: 639506
 Ion Ratio Lower Upper
 276 100
 138 21.4 17.3 25.9
 277 25.6 20.2 30.4

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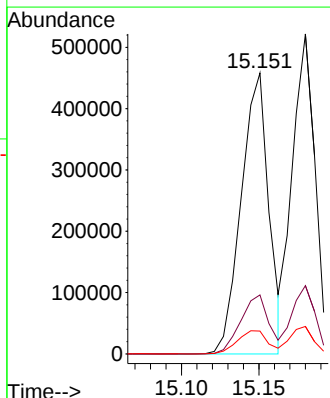
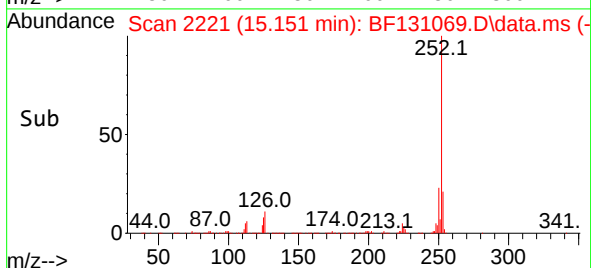
Reviewed By : Christian Giraldo 11/09/2022
 Supervised By : Jagrut Upadhyay 11/09/2022

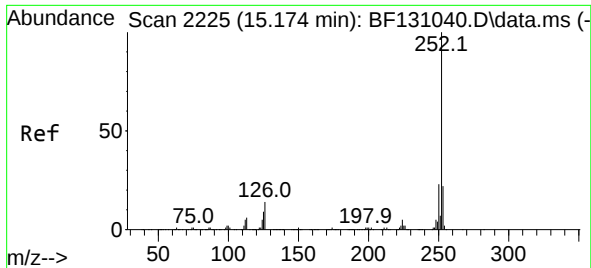


#88
 Benzo(b)fluoranthene
 Concen: 42.392 ng
 RT: 15.151 min Scan# 2221
 Delta R.T. 0.006 min
 Lab File: BF131069.D
 Acq: 08 Nov 2022 16:21



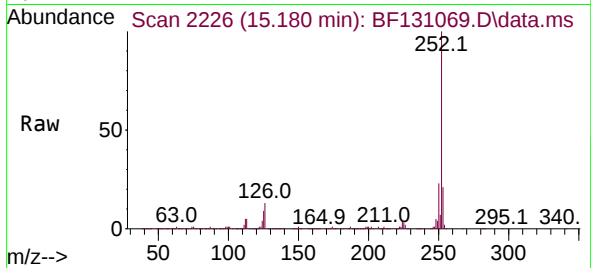
Tgt Ion: 252 Resp: 567730
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.9 26.9
 125 8.1 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 40.970 ng
RT: 15.180 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

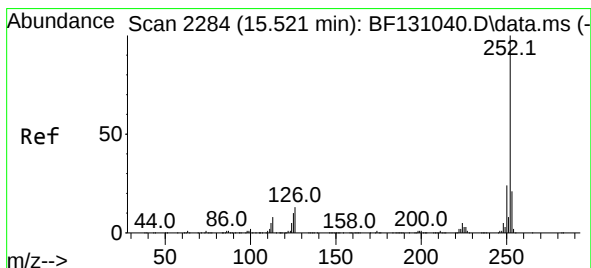
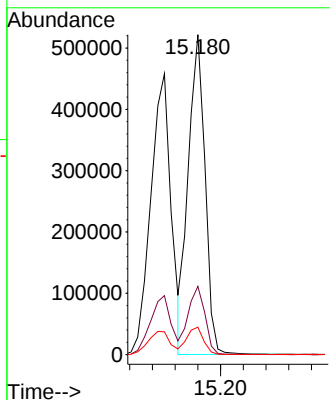
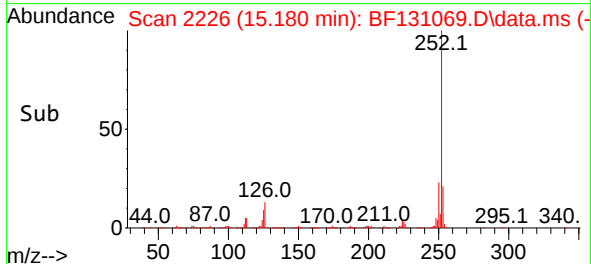
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



Tgt Ion:252 Resp: 534593
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 8.6 7.2 10.8

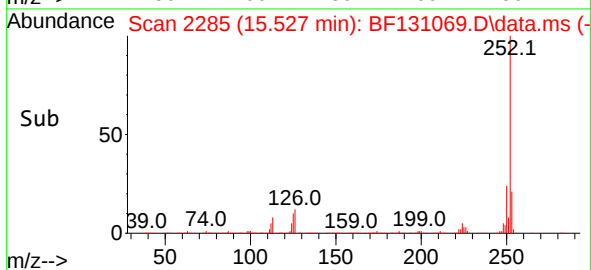
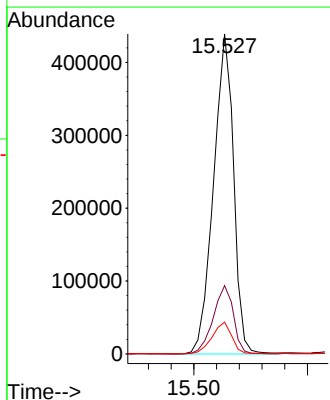
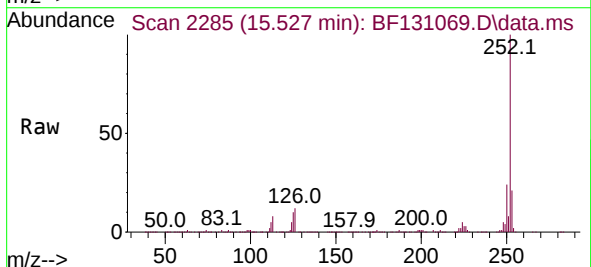
Manual Integrations
APPROVED

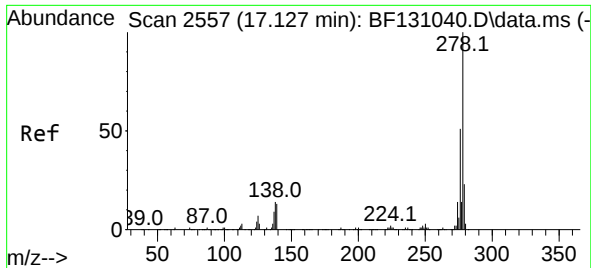
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#90
Benzo(a)pyrene
Concen: 50.496 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

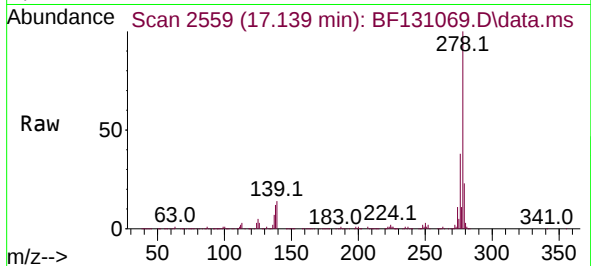
Tgt Ion:252 Resp: 537660
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 9.9 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 43.231 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.012 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21

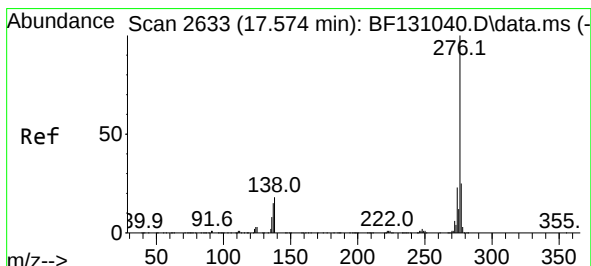
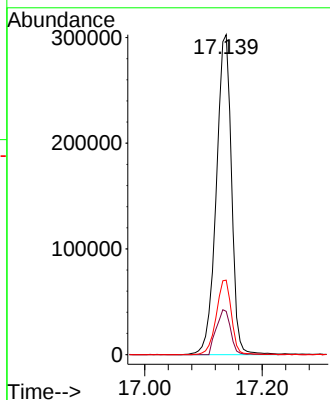
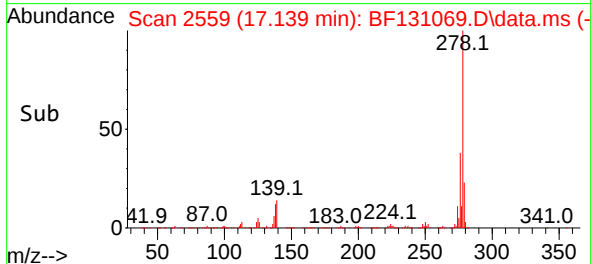
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS



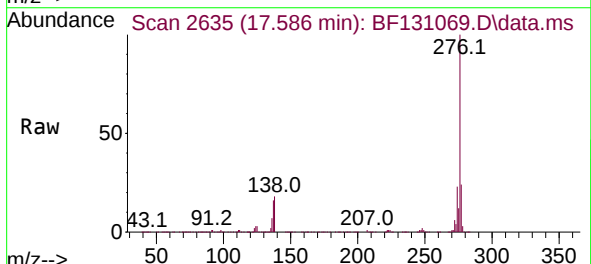
Tgt Ion: 278 Resp: 54334
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 23.3 18.7 28.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.237 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.012 min
Lab File: BF131069.D
Acq: 08 Nov 2022 16:21



Tgt Ion: 276 Resp: 512087
Ion Ratio Lower Upper
276 100
277 24.0 20.0 30.0
138 17.7 14.8 22.2

