

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131063.D
 Acq On : 08 Nov 2022 13:06
 Operator : CG\JU
 Sample : N5460-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 13:52:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	78138	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	187521	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	105916	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	176434	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	114912	20.000	ng	0.00
86) Perylene-d12	15.586	264	140968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	559038	115.366	ng	0.01
7) Phenol-d6	6.528	99	652971	110.401	ng	0.00
23) Nitrobenzene-d5	7.469	82	293446	72.536	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	125107	107.286	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	767966	98.814	ng	0.00
79) Terphenyl-d14	13.027	244	474915	66.260	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	98117	42.590	ng	98
3) Pyridine	3.516	79	251154	39.219	ng	99
4) n-Nitrosodimethylamine	3.481	42	160922	44.688	ng	97
6) Aniline	6.563	93	282546	38.412	ng	98
8) 2-Chlorophenol	6.687	128	219870	40.788	ng	99
9) Benzaldehyde	6.457	77	156311	45.752	ng	99
10) Phenol	6.546	94	284176	41.001	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	213578	42.481	ng	97
12) 1,3-Dichlorobenzene	6.840	146	261456	44.072	ng	98
13) 1,4-Dichlorobenzene	6.916	146	257314	41.650	ng	97
14) 1,2-Dichlorobenzene	7.069	146	245558	40.664	ng	98
15) Benzyl Alcohol	7.045	79	185455	35.898	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	364901	41.736	ng	99
17) 2-Methylphenol	7.151	107	171729	38.077	ng	99
18) Hexachloroethane	7.410	117	67095	28.667	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	109758	26.040	ng	99
20) 3+4-Methylphenols	7.304	107	143962	24.682	ng	# 79
22) Acetophenone	7.310	105	215362	43.138	ng	# 91
24) Nitrobenzene	7.487	77	168991	40.729	ng	98
25) Isophorone	7.722	82	287013	41.391	ng	97
26) 2-Nitrophenol	7.798	139	72999	41.311	ng	# 80
27) 2,4-Dimethylphenol	7.834	122	123974m	45.407	ng	
28) bis(2-Chloroethoxy)met...	7.934	93	164500	42.955	ng	99
29) 2,4-Dichlorophenol	8.040	162	116730	39.696	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	134404	41.918	ng	98
31) Naphthalene	8.210	128	409490	39.956	ng	99
32) Benzoic acid	7.957	122	58900	31.667	ng	88
33) 4-Chloroaniline	8.257	127	104462	26.065	ng	97
34) Hexachlorobutadiene	8.322	225	97147	46.410	ng	99
35) Caprolactam	8.628	113	37653m	41.734	ng	
36) 4-Chloro-3-methylphenol	8.739	107	193139	60.854	ng	99
37) 2-Methylnaphthalene	8.898	142	425775	65.301	ng	100
38) 1-Methylnaphthalene	8.998	142	391363	62.861	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	213490	62.533	ng	99
41) Hexachlorocyclopentadiene	9.051	237	241265	153.312	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	123560	54.267	ng	94

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Quant Time: Nov 08 13:52:09 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

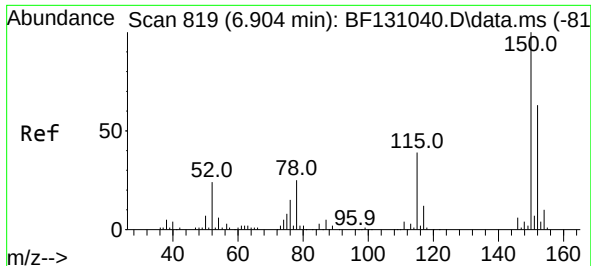
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	132134	51.753	ng	92
46) 1,1'-Biphenyl	9.363	154	459426	55.690	ng	98
47) 2-Chloronaphthalene	9.392	162	394578	58.996	ng	98
48) 2-Nitroaniline	9.487	65	133551	54.330	ng	93
49) Acenaphthylene	9.810	152	403296	39.239	ng	100
50) Dimethylphthalate	9.669	163	299991	36.649	ng	98
51) 2,6-Dinitrotoluene	9.734	165	66210	38.023	ng	96
52) Acenaphthene	9.981	154	241213	38.327	ng	97
53) 3-Nitroaniline	9.904	138	45028	23.959	ng	96
54) 2,4-Dinitrophenol	10.010	184	69370	79.116	ng	86
55) Dibenzofuran	10.157	168	352878	41.276	ng	96
56) 4-Nitrophenol	10.063	139	89803	67.700	ng	# 73
57) 2,4-Dinitrotoluene	10.139	165	87653	38.746	ng	93
58) Fluorene	10.498	166	283571	37.262	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	74708	35.918	ng	96
60) Diethylphthalate	10.369	149	302163	35.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	142369	37.770	ng	# 88
62) 4-Nitroaniline	10.522	138	61398	31.870	ng	# 82
63) Azobenzene	10.651	77	304673	36.745	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	44289	39.559	ng	81
66) n-Nitrosodiphenylamine	10.610	169	247834	39.752	ng	99
67) 4-Bromophenyl-phenylether	10.981	248	86893	39.197	ng	95
68) Hexachlorobenzene	11.045	284	94871	39.454	ng	98
69) Atrazine	11.133	200	81436	45.920	ng	97
70) Pentachlorophenol	11.239	266	84573	81.064	ng	98
71) Phenanthrene	11.463	178	386419	38.883	ng	99
72) Anthracene	11.516	178	393319	40.322	ng	100
73) Carbazole	11.675	167	329825	39.520	ng	99
74) Di-n-butylphthalate	11.998	149	428849	38.364	ng	99
75) Fluoranthene	12.657	202	380167	36.039	ng	97
77) Benzidine	12.780	184	209272	67.515	ng	97
78) Pyrene	12.886	202	379675	36.279	ng	99
80) Butylbenzylphthalate	13.504	149	159256	38.626	ng	98
81) Benzo(a)anthracene	14.080	228	326682	39.153	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	90521	39.924	ng	97
83) Chrysene	14.116	228	298783	37.708	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	215488	45.621	ng	99
85) Di-n-octyl phthalate	14.674	149	460488	68.411	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	490401	41.955	ng	99
88) Benzo(b)fluoranthene	15.145	252	454032	44.321	ng	99
89) Benzo(k)fluoranthene	15.180	252	352951	35.363	ng	97
90) Benzo(a)pyrene	15.527	252	338906	41.612	ng	98
91) Dibenzo(a,h)anthracene	17.133	278	412649	42.946	ng	100
92) Benzo(g,h,i)perylene	17.580	276	422239	43.109	ng	98

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

Manual Integrations

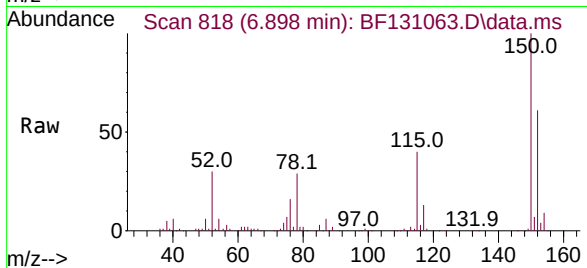
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131063.D
 Acq: 08 Nov 2022 13:06

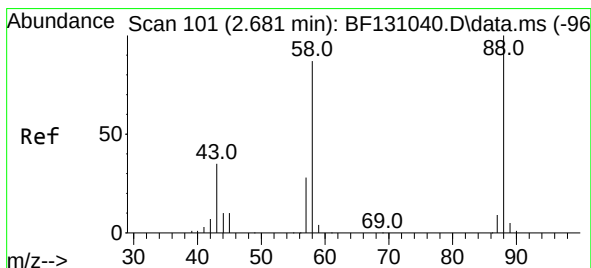
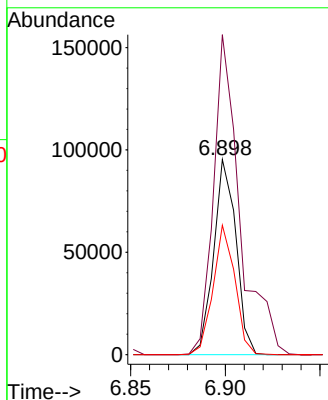
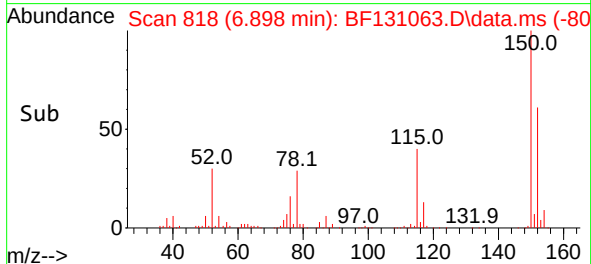
Instrument :
 BNA_F
 ClientSampleId :
 SH-1MSD



Tgt Ion:152 Resp: 78138
 Ion Ratio Lower Upper
 152 100
 150 163.9 126.6 189.8
 115 66.3 49.1 73.7

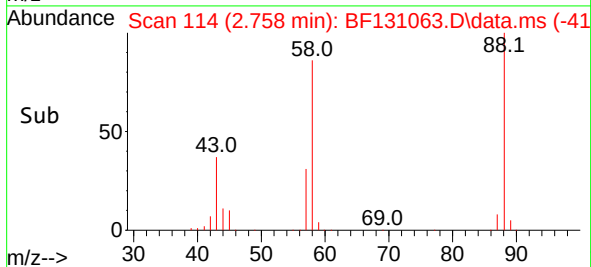
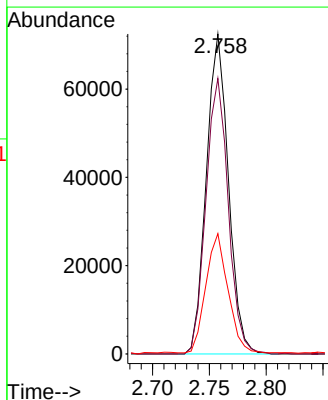
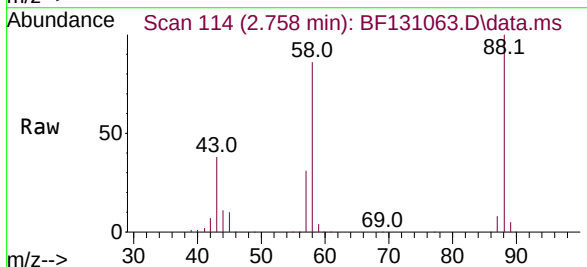
Manual Integrations
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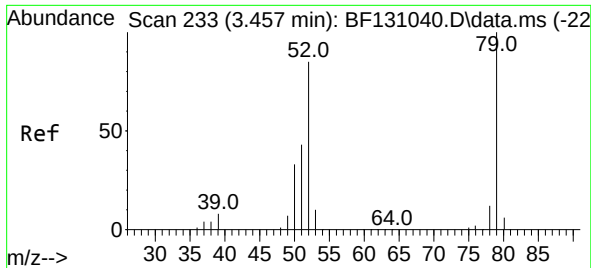
Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022



#2
 1,4-Dioxane
 Concen: 42.590 ng
 RT: 2.758 min Scan# 114
 Delta R.T. 0.077 min
 Lab File: BF131063.D
 Acq: 08 Nov 2022 13:06

Tgt Ion: 88 Resp: 98117
 Ion Ratio Lower Upper
 88 100
 58 87.1 68.7 103.1
 43 37.6 28.6 43.0





#3

Pyridine

Concen: 39.219 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

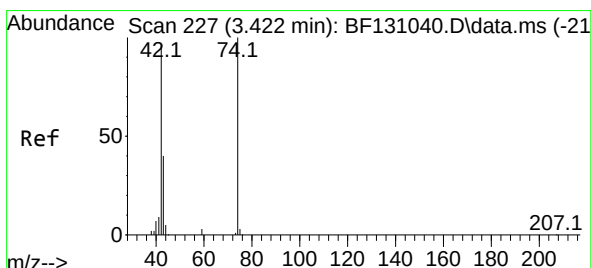
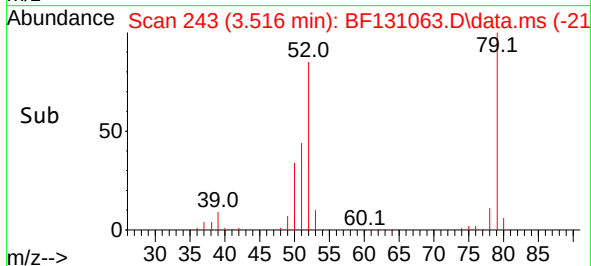
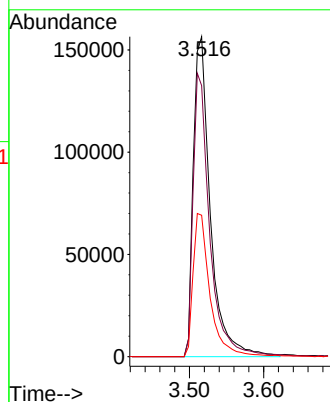
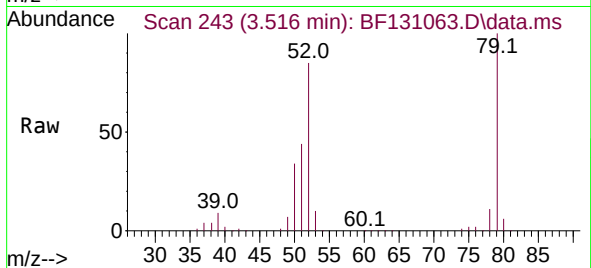
SH-1MSD

Tgt Ion: 79	Resp: 251154
Ion Ratio	Lower Upper
79 100	
52 84.7	67.8 101.8
51 44.2	34.5 51.7

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.688 ng

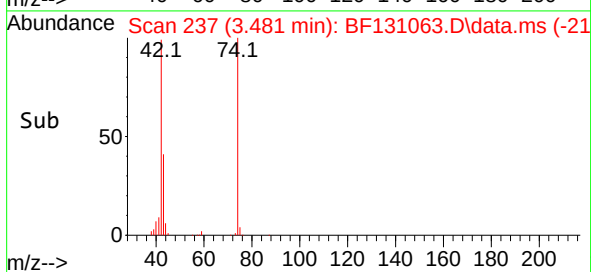
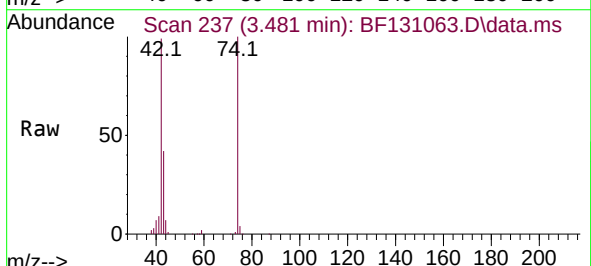
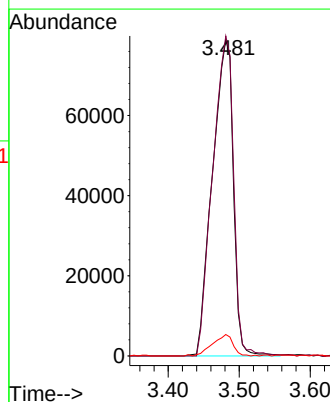
RT: 3.481 min Scan# 237

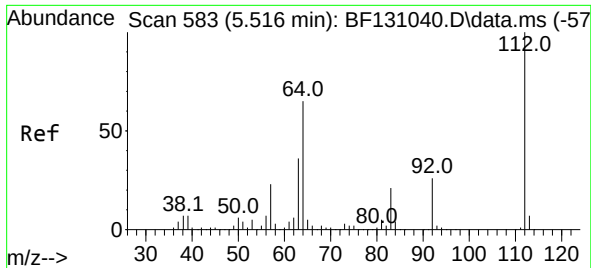
Delta R.T. 0.059 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

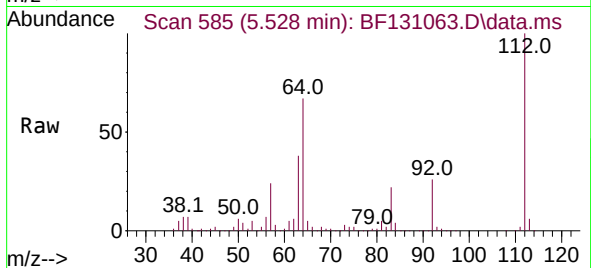
Tgt Ion: 42	Resp: 160922
Ion Ratio	Lower Upper
42 100	
74 101.2	83.6 125.4
44 6.7	4.7 7.1





#5
2-Fluorophenol
Concen: 115.366 ng
RT: 5.528 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

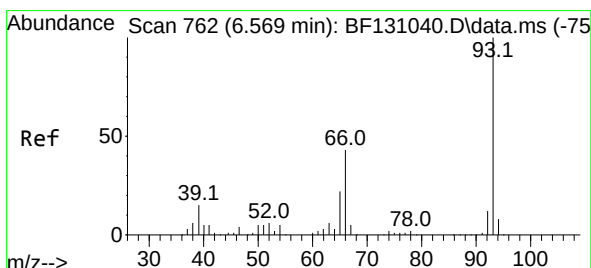
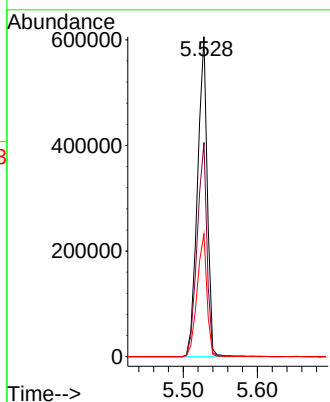
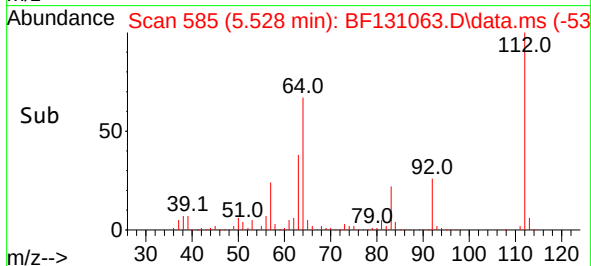
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



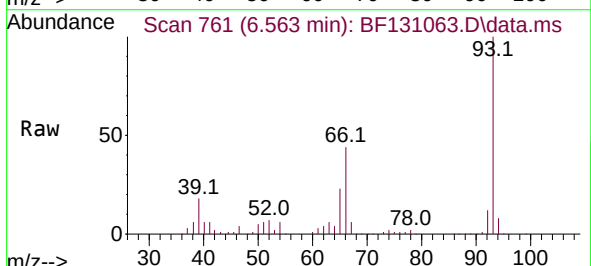
Tgt Ion:112 Resp: 559038
Ion Ratio Lower Upper
112 100
64 66.9 52.2 78.4
63 38.3 29.0 43.4

Manual Integrations
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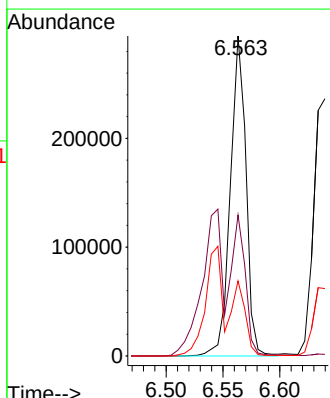
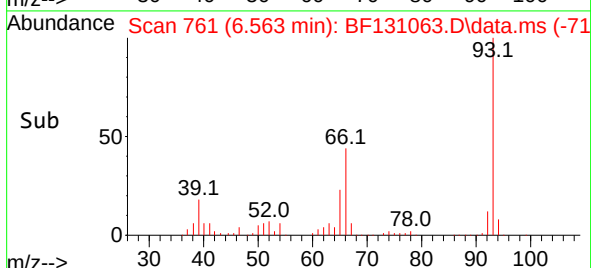
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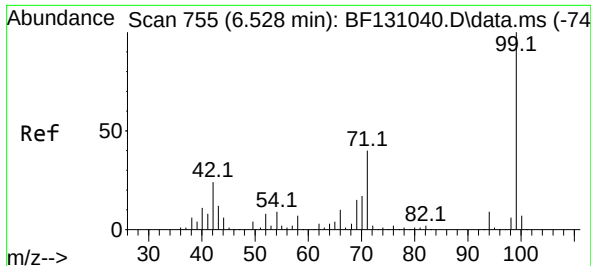


#6
Aniline
Concen: 38.412 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



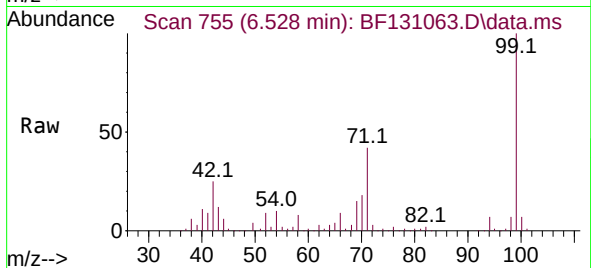
Tgt Ion: 93 Resp: 282546
Ion Ratio Lower Upper
93 100
66 44.0 34.5 51.7
65 23.4 17.9 26.9





#7
Phenol-d6
Concen: 110.401 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

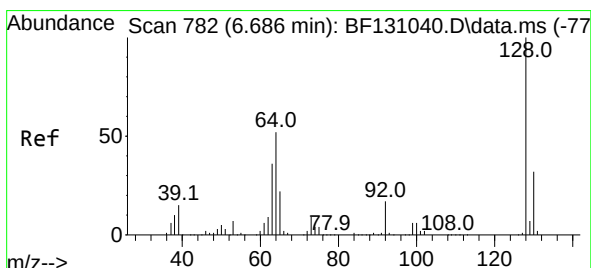
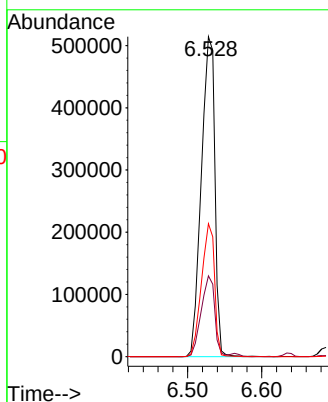
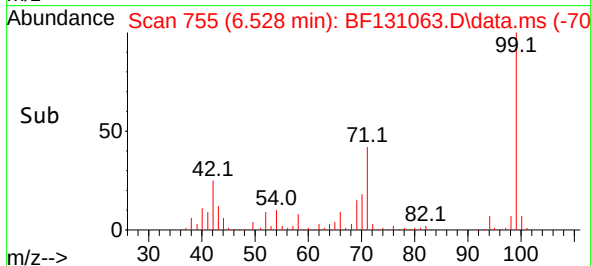
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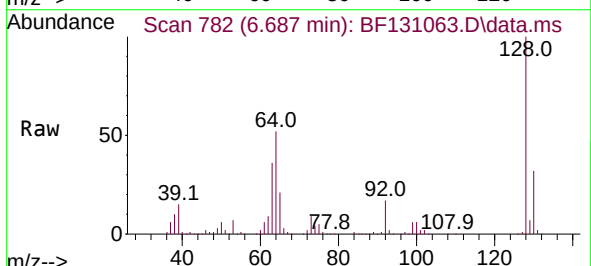
Tgt Ion: 99 Resp: 65297
Ion Ratio Lower Upper
99 100
42 25.2 19.4 29.0
71 41.5 31.8 47.8

Manual Integrations
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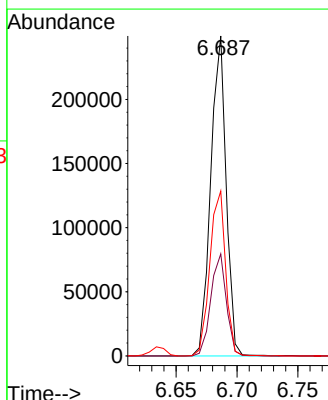
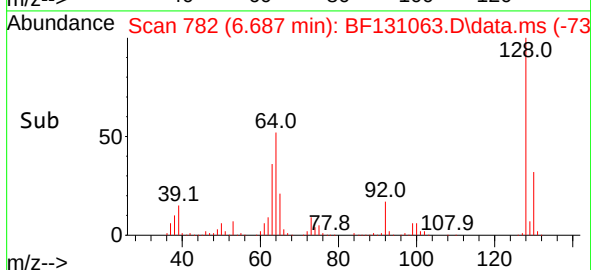
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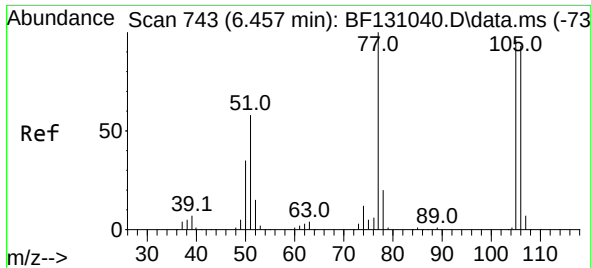


#8
2-Chlorophenol
Concen: 40.788 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



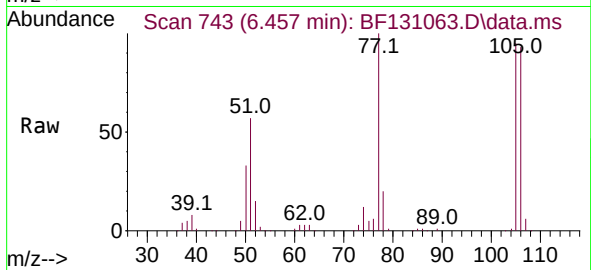
Tgt Ion:128 Resp: 219870
Ion Ratio Lower Upper
128 100
130 31.9 11.5 51.5
64 51.5 32.8 72.8





#9
Benzaldehyde
Concen: 45.752 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

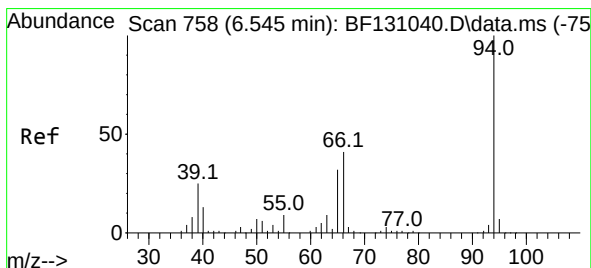
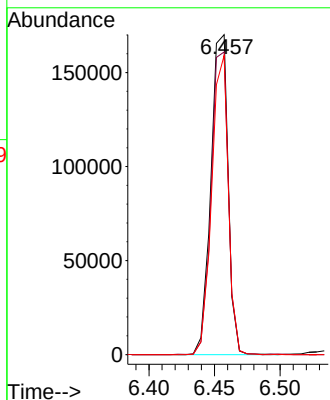
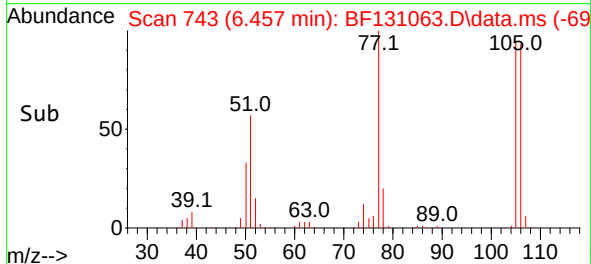
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



Tgt Ion: 77 Resp: 156311
Ion Ratio Lower Upper
77 100
105 94.6 76.4 116.4
106 93.5 73.3 113.3

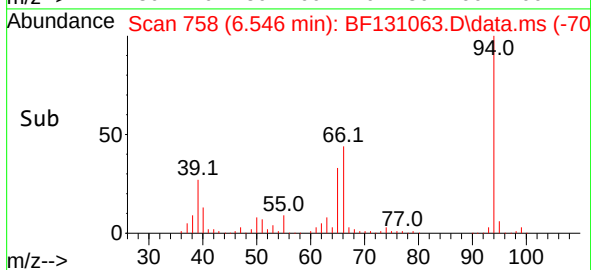
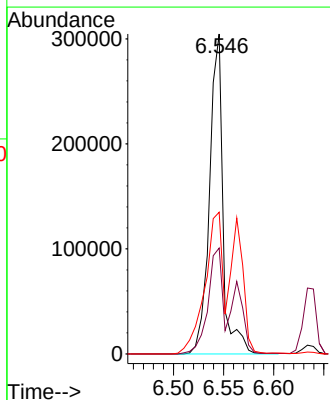
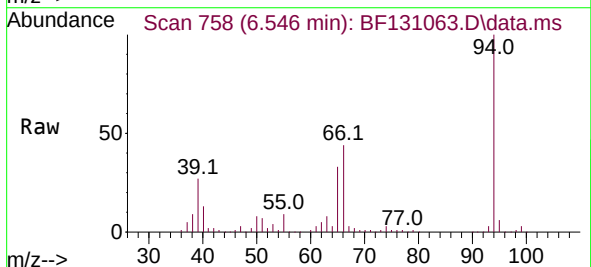
Manual Integrations
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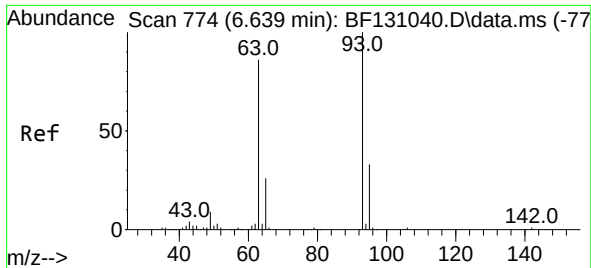
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#10
Phenol
Concen: 41.001 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.001 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Tgt Ion: 94 Resp: 284176
Ion Ratio Lower Upper
94 100
65 33.1 11.8 51.8
66 44.3 21.5 61.5





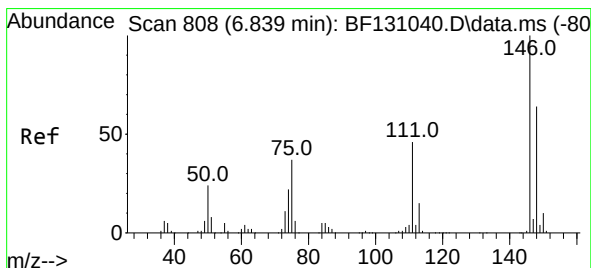
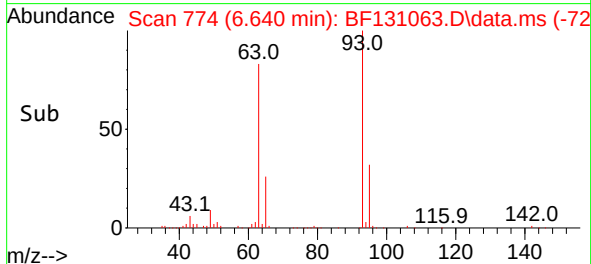
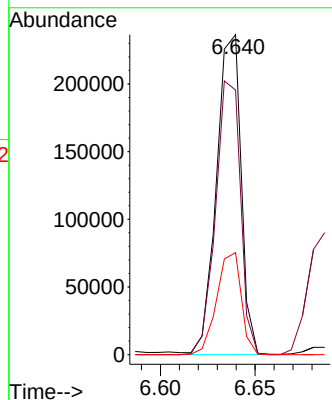
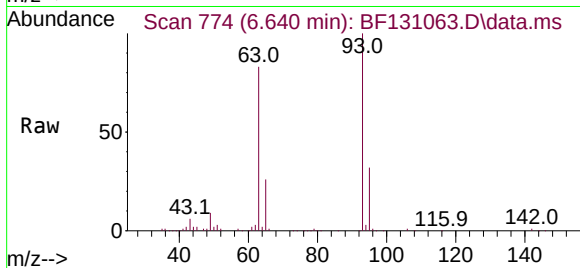
#11
bis(2-Chloroethyl)ether
Concen: 42.481 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :
BNA_F
ClientSampleId :
SH-1MSD

Tgt Ion: 93 Resp: 213578
Ion Ratio Lower Upper
93 100
63 82.7 65.6 105.6
95 31.9 12.5 52.5

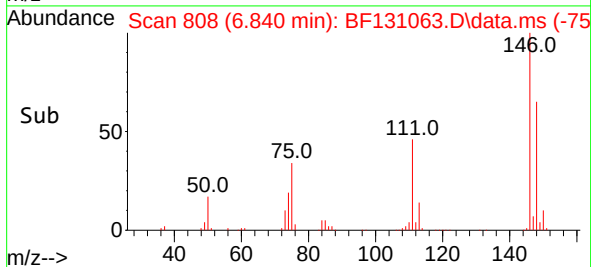
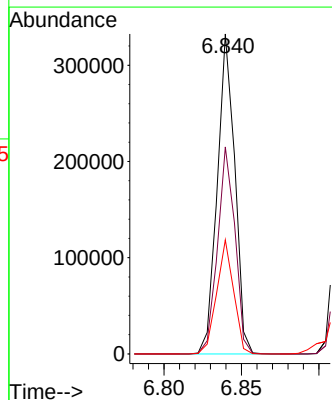
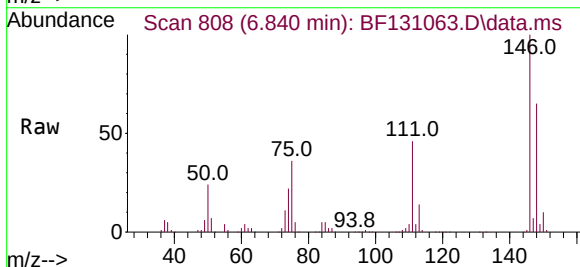
Manual Integrations
APPROVED

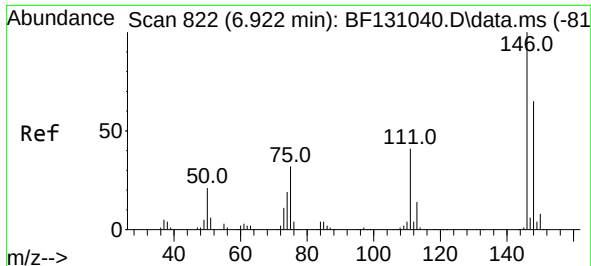
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#12
1,3-Dichlorobenzene
Concen: 44.072 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

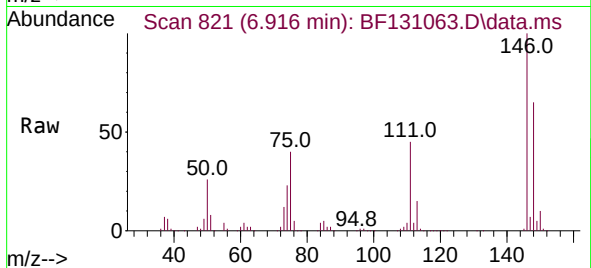
Tgt Ion:146 Resp: 261456
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 35.6 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 41.650 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

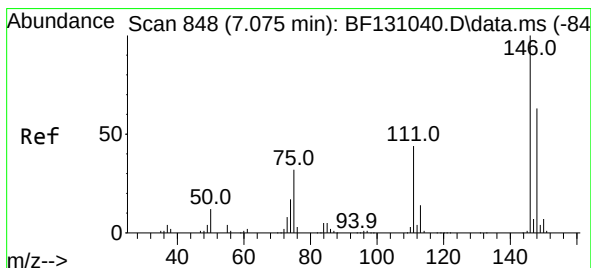
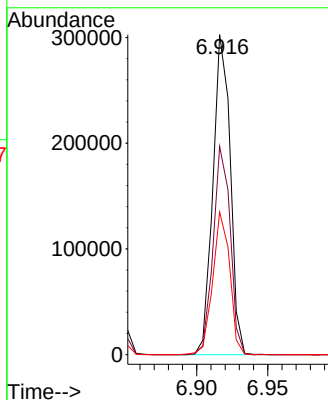
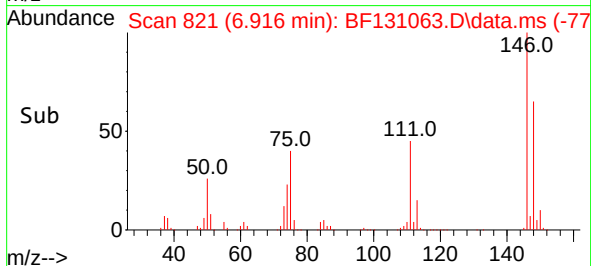
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



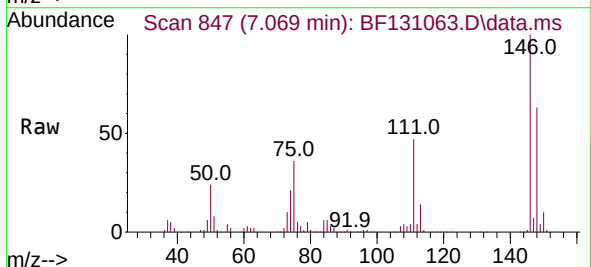
Tgt Ion:146 Resp: 257314
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 44.6 32.6 49.0

Manual Integrations
APPROVED

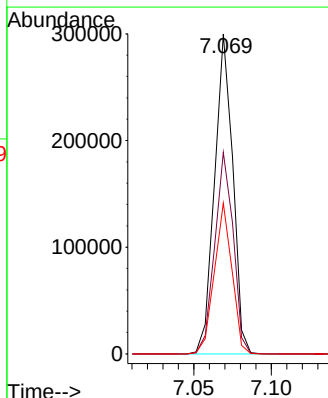
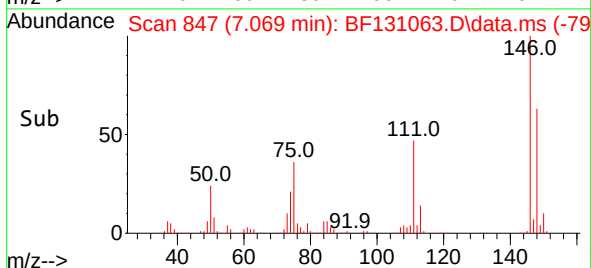
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

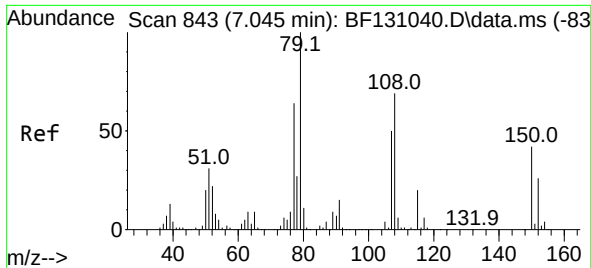


#14
1,2-Dichlorobenzene
Concen: 40.664 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



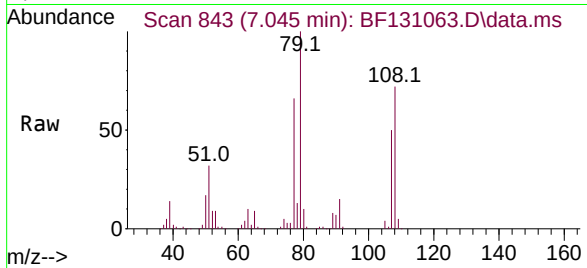
Tgt Ion:146 Resp: 245558
Ion Ratio Lower Upper
146 100
148 63.0 50.2 75.2
111 47.1 35.4 53.0





#15
Benzyl Alcohol
Concen: 35.898 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

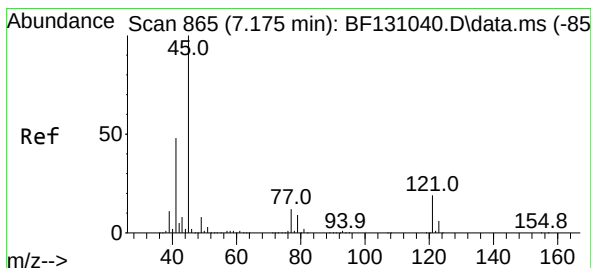
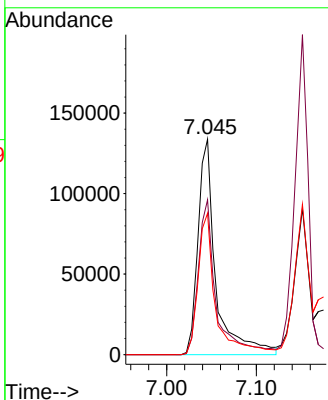
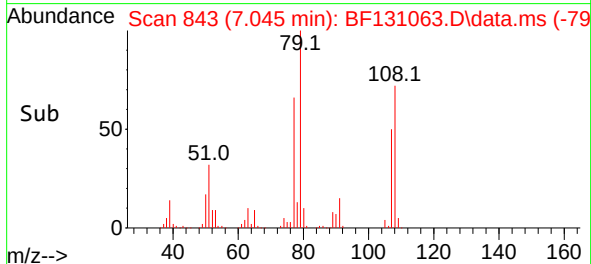
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



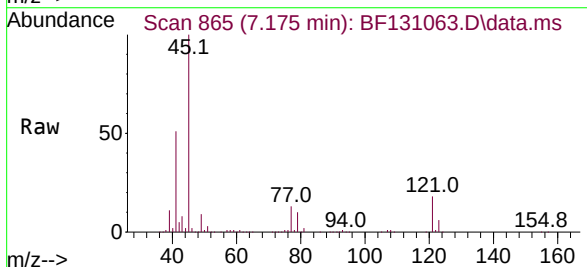
Tgt Ion: 79 Resp: 185455
Ion Ratio Lower Upper
79 100
108 71.8 55.2 82.8
77 65.7 50.9 76.3

Manual Integrations
APPROVED

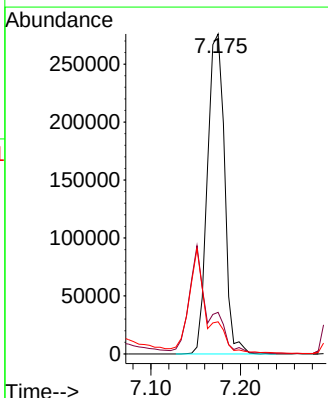
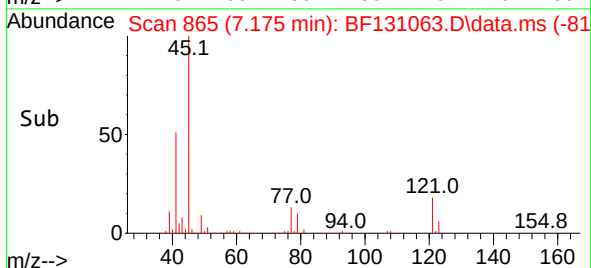
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

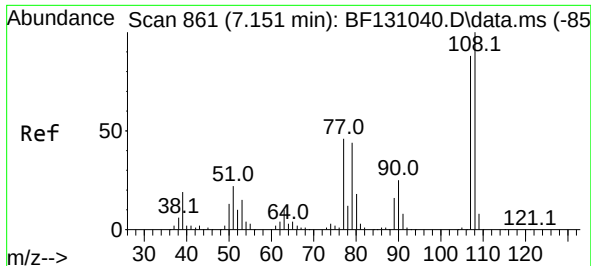


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.736 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



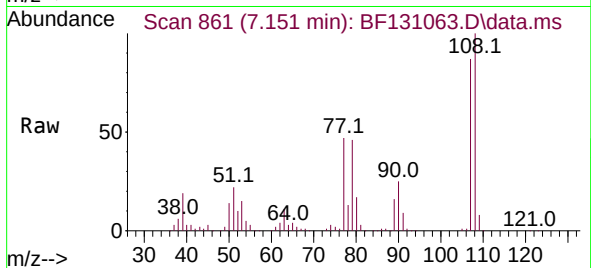
Tgt Ion: 45 Resp: 364901
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.5
79 10.0 0.0 29.7





#17
2-Methylphenol
Concen: 38.077 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

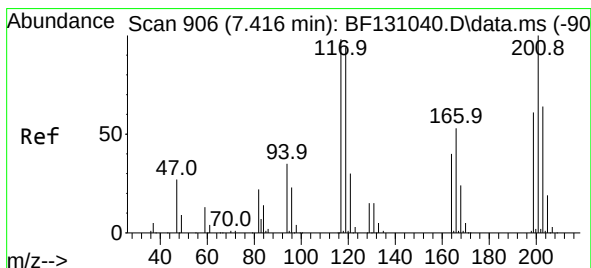
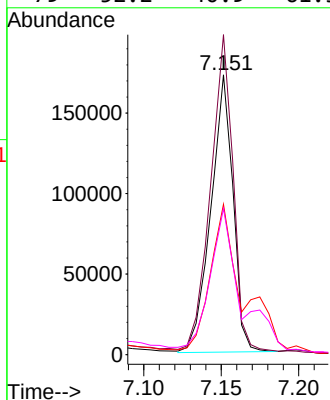
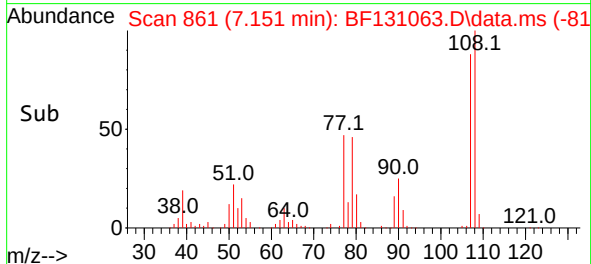
Instrument :
BNA_F
Client SampleId :
SH-1MSD



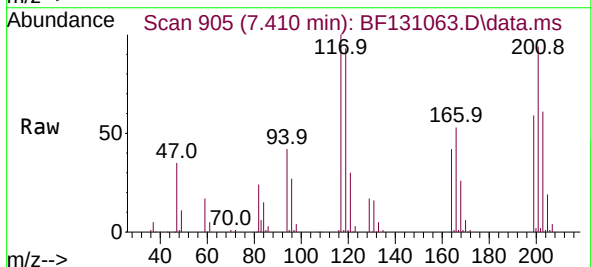
Tgt Ion:107 Resp: 171729
Ion Ratio Lower Upper
107 100
108 114.4 91.2 136.8
77 53.7 42.1 63.1
79 52.2 40.9 61.3

Manual Integrations
APPROVED

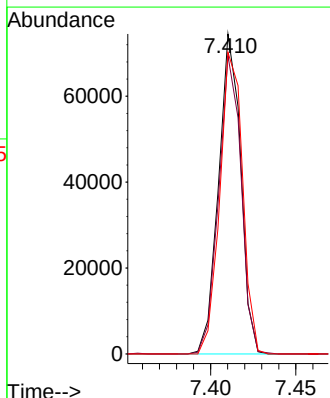
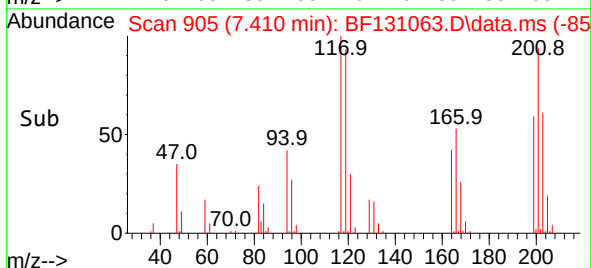
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

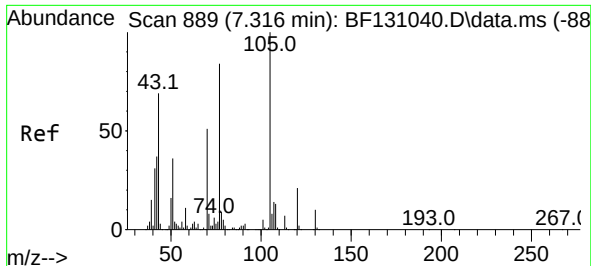


#18
Hexachloroethane
Concen: 28.667 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



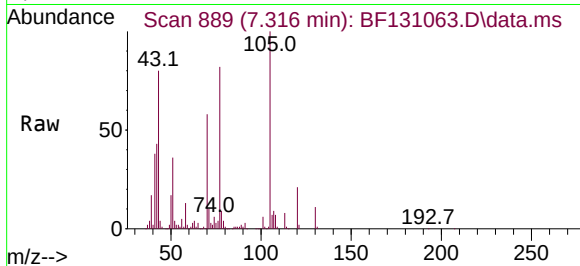
Tgt Ion:117 Resp: 67095
Ion Ratio Lower Upper
117 100
119 93.2 76.9 115.3
201 94.2 81.8 122.6





#19
n-Nitroso-di-n-propylamine
Concen: 26.040 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

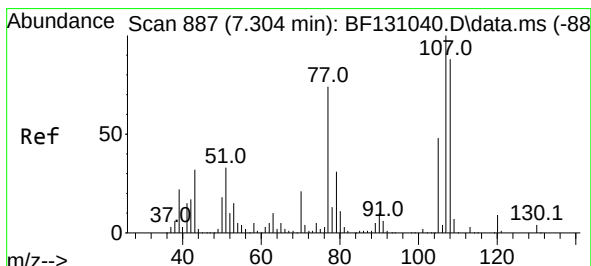
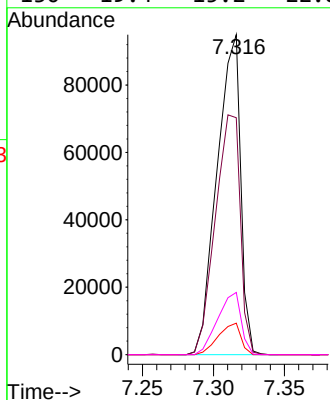
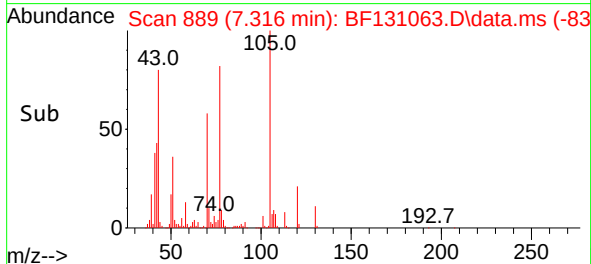
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



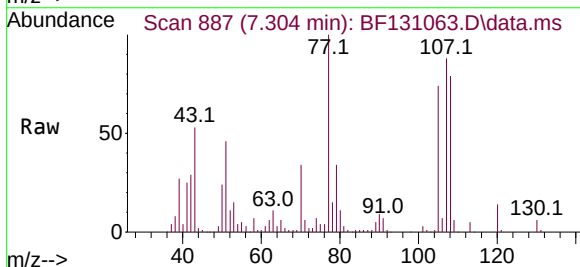
Tgt Ion: 70 Resp: 109758
Ion Ratio Lower Upper
70 100
42 74.0 59.0 88.4
101 9.8 8.0 12.0
130 19.4 15.2 22.8

Manual Integrations
APPROVED

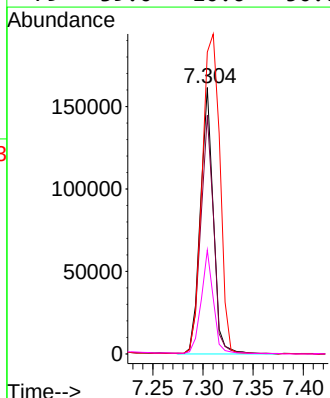
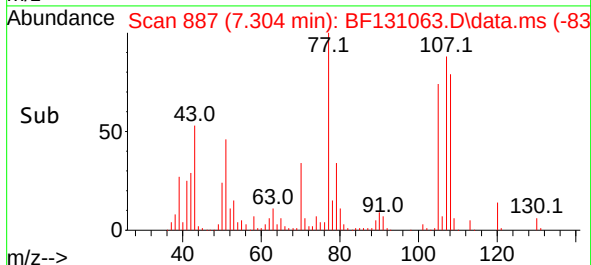
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

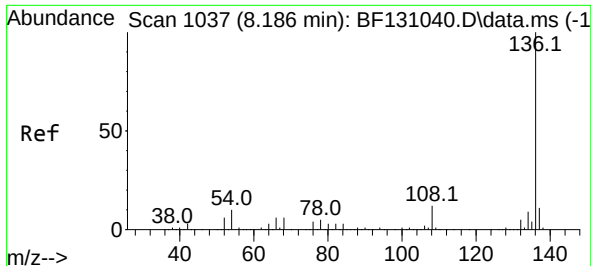


#20
3+4-Methylphenols
Concen: 24.682 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



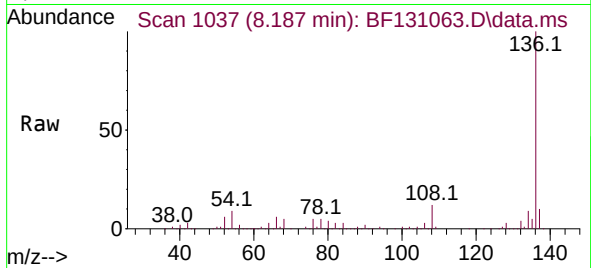
Tgt Ion:107 Resp: 143962
Ion Ratio Lower Upper
107 100
108 89.6 67.7 107.7
77 113.4 54.2 94.2#
79 39.0 10.6 50.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

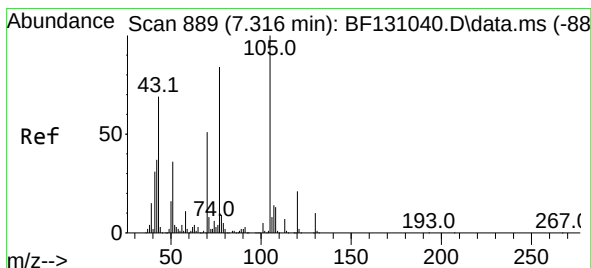
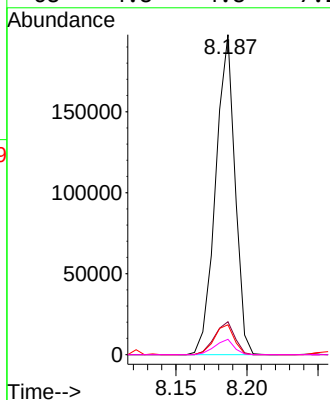
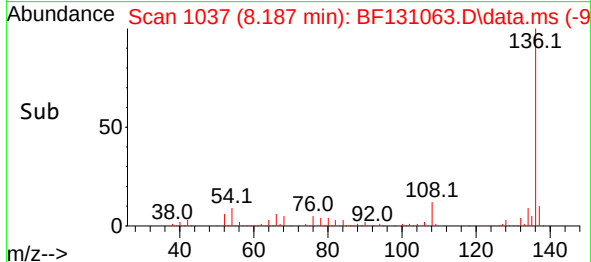
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



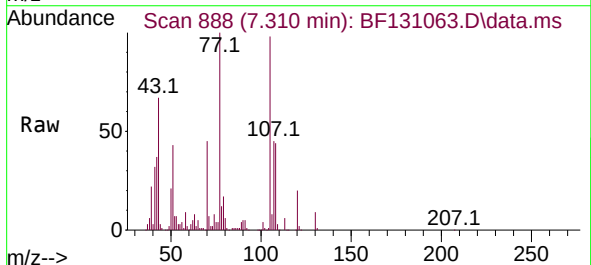
Tgt Ion:136 Resp: 187521
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 9.3 8.2 12.2
68 4.8 4.8 7.2#

Manual Integrations
APPROVED

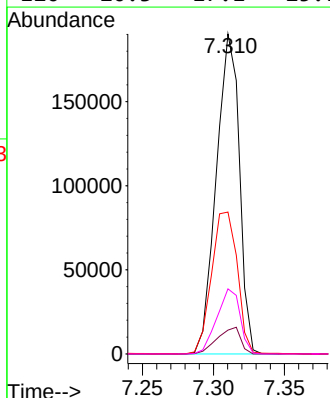
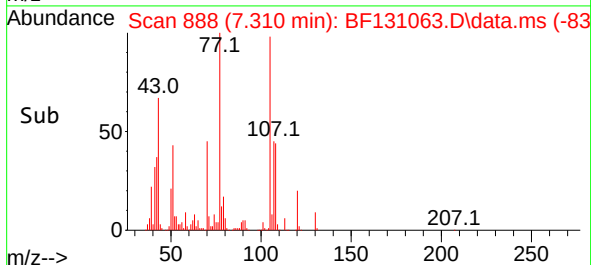
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

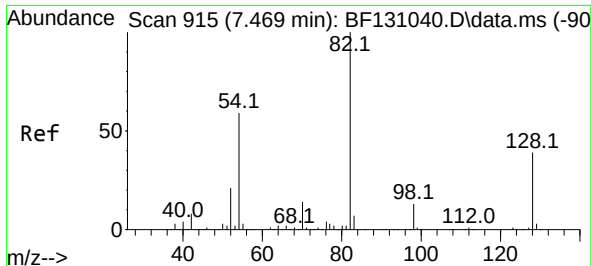


#22
Acetophenone
Concen: 43.138 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



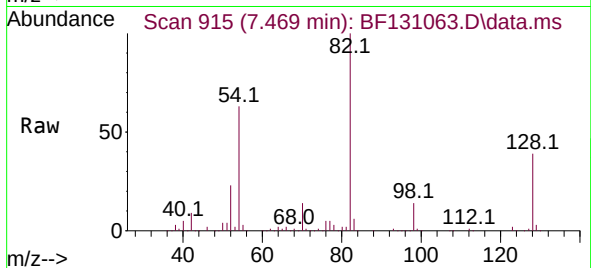
Tgt Ion:105 Resp: 215362
Ion Ratio Lower Upper
105 100
71 7.4 6.5 9.7
51 44.3 28.5 42.7#
120 20.3 17.1 25.7





#23
Nitrobenzene-d5
Concen: 72.536 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

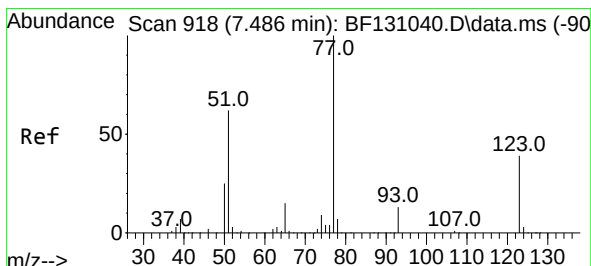
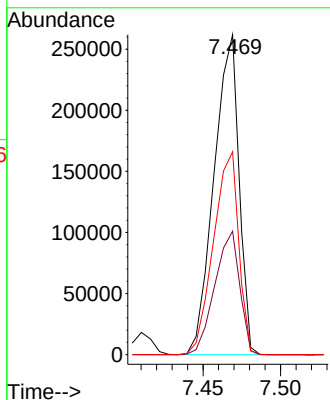
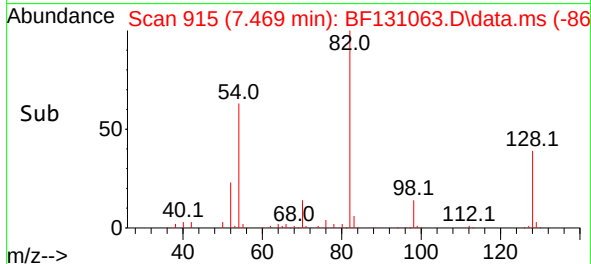
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



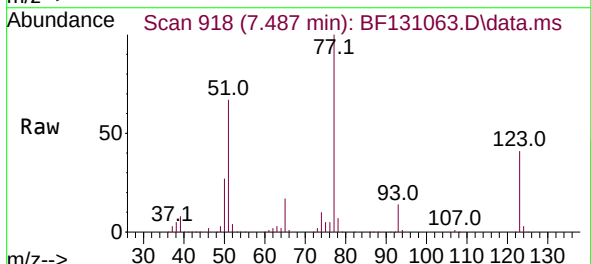
Tgt Ion: 82 Resp: 293446
Ion Ratio Lower Upper
82 100
128 38.6 31.3 46.9
54 63.4 47.2 70.8

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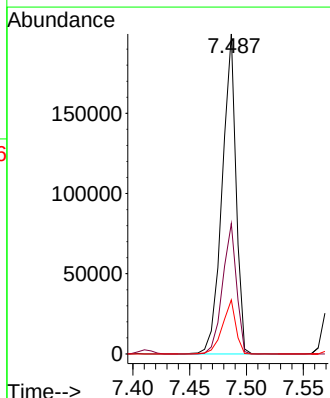
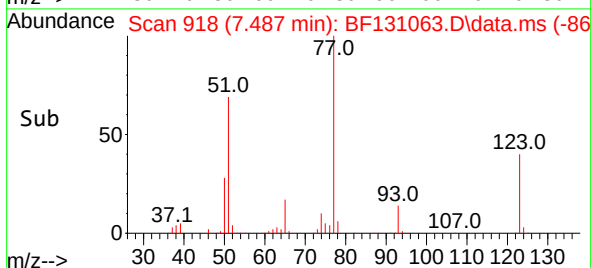
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

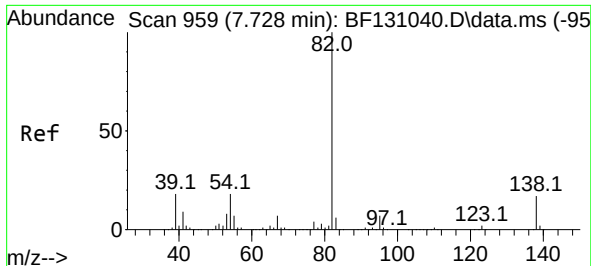


#24
Nitrobenzene
Concen: 40.729 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



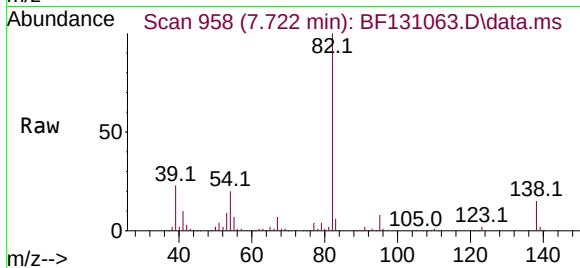
Tgt Ion: 77 Resp: 168991
Ion Ratio Lower Upper
77 100
123 40.7 32.2 48.2
65 16.9 11.9 17.9





#25
Isophorone
Concen: 41.391 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

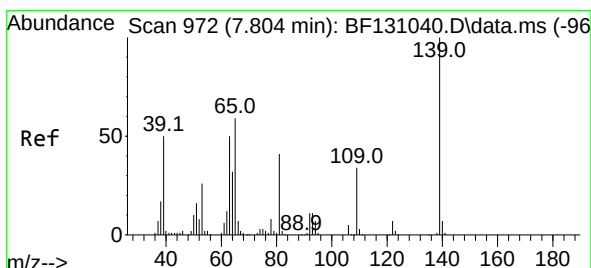
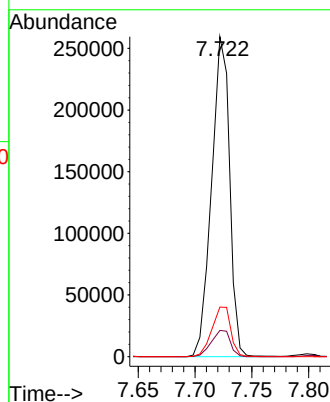
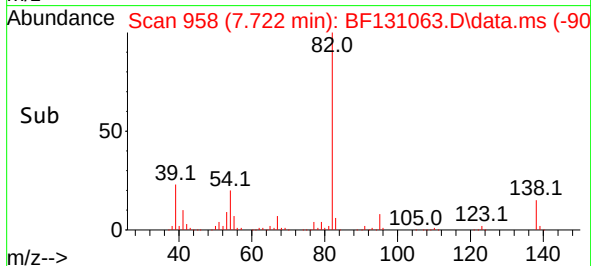
Instrument :
BNA_F
Client Sample Id :
SH-1MSD



Tgt Ion: 82 Resp: 287013
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.6
138 15.5 13.5 20.3

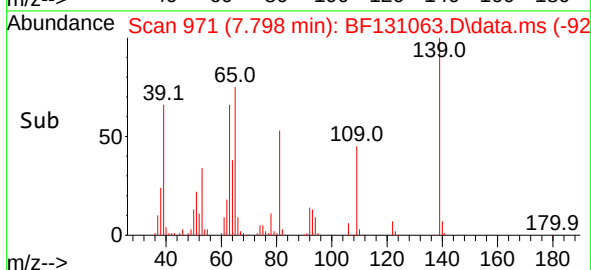
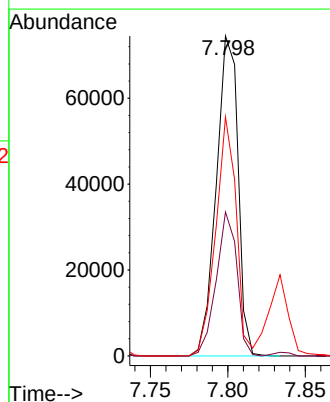
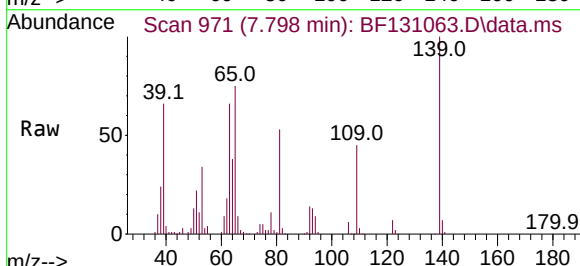
Manual Integrations
APPROVED

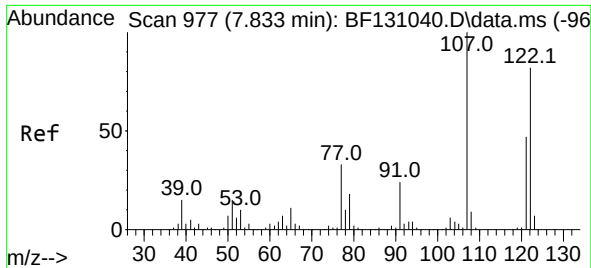
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#26
2-Nitrophenol
Concen: 41.311 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Tgt Ion:139 Resp: 72999
Ion Ratio Lower Upper
139 100
109 45.0 27.6 41.4#
65 74.7 47.1 70.7#





#27

2,4-Dimethylphenol

Concen: 45.407 ng m

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

SH-1MSD

Tgt Ion:122 Resp: 123974

Ion Ratio Lower Upper

122 100

107 129.2 97.9 146.9

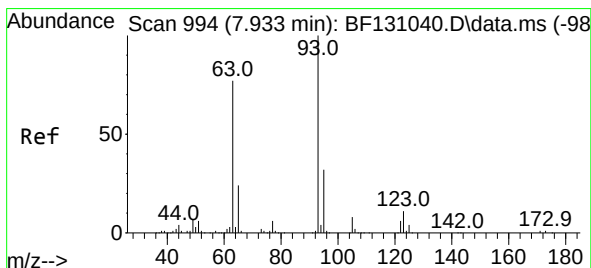
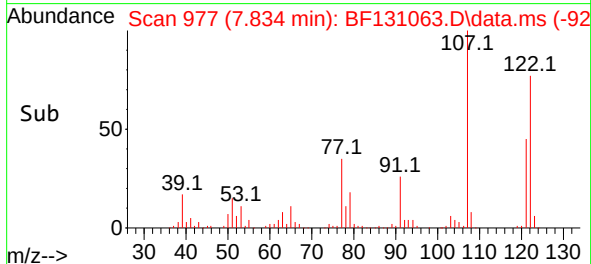
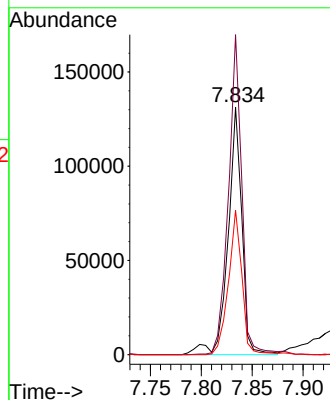
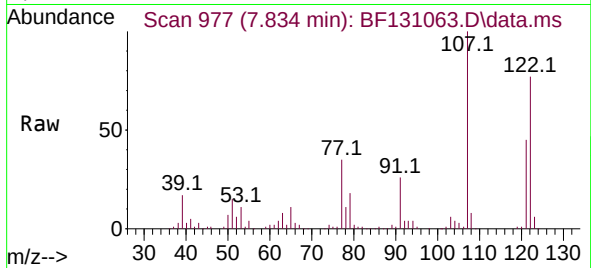
121 58.3 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.955 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

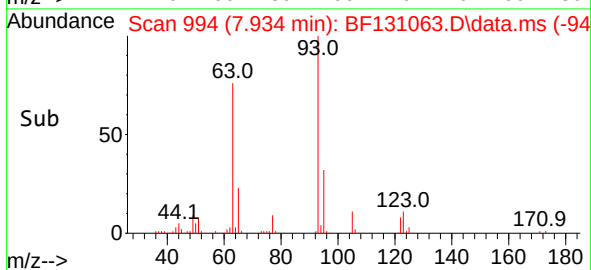
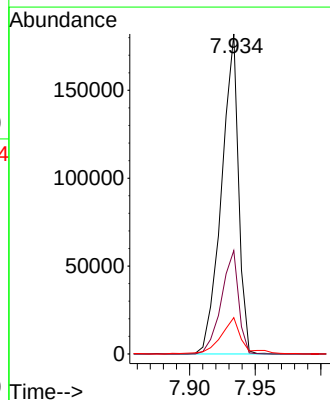
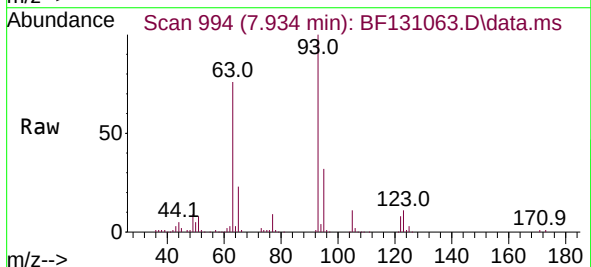
Tgt Ion: 93 Resp: 164500

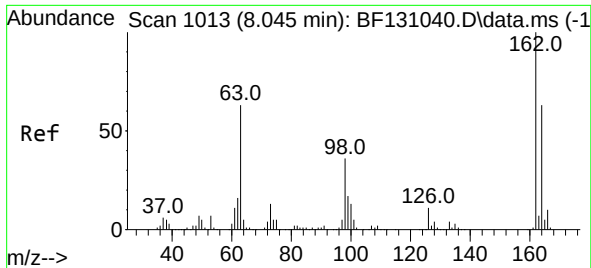
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.696 ng

RT: 8.040 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

SH-1MSD

Tgt Ion:162 Resp: 116730

Ion Ratio Lower Upper

162 100

164 64.2 43.3 83.3

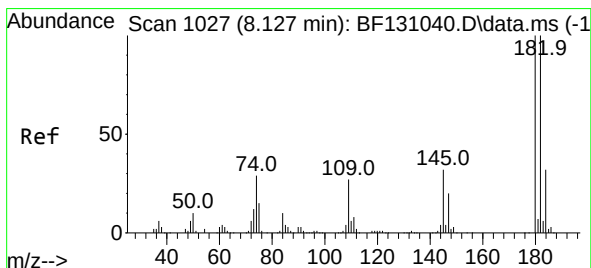
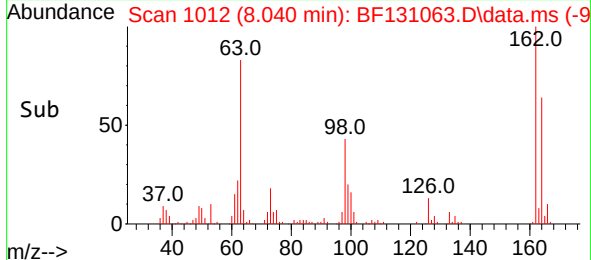
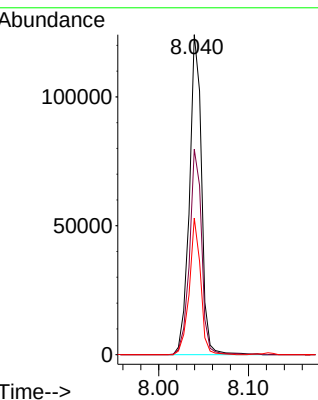
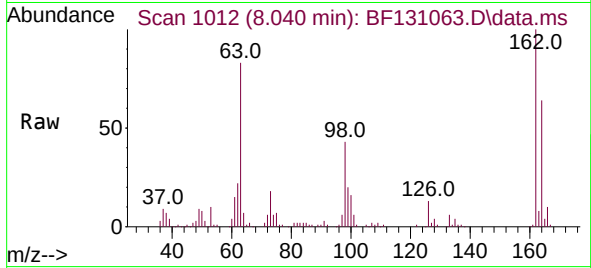
98 42.7 15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.918 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

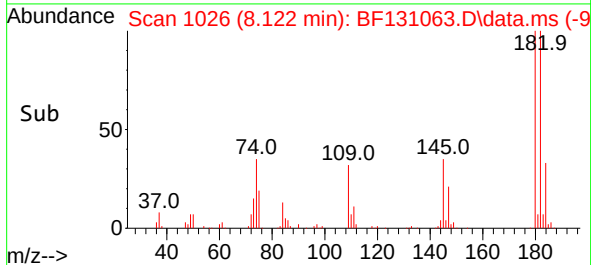
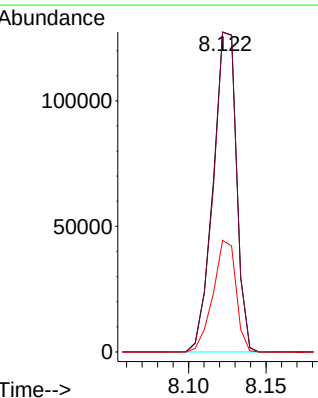
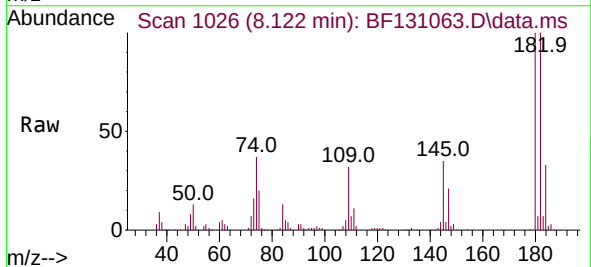
Tgt Ion:180 Resp: 134404

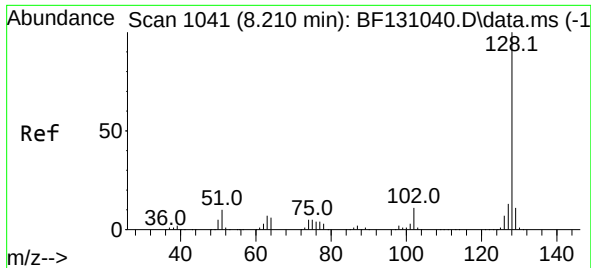
Ion Ratio Lower Upper

180 100

182 99.9 80.3 120.5

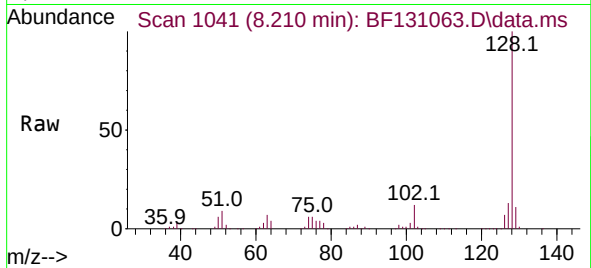
145 34.9 25.8 38.6





#31
Naphthalene
Concen: 39.956 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

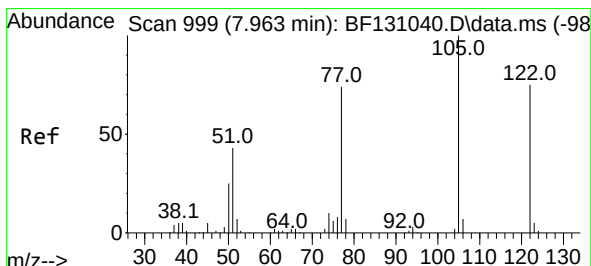
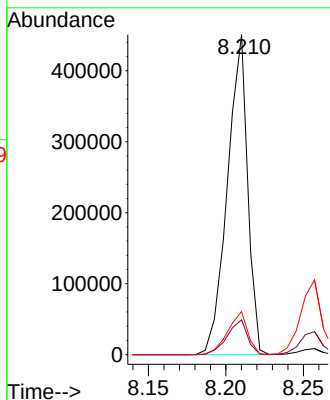
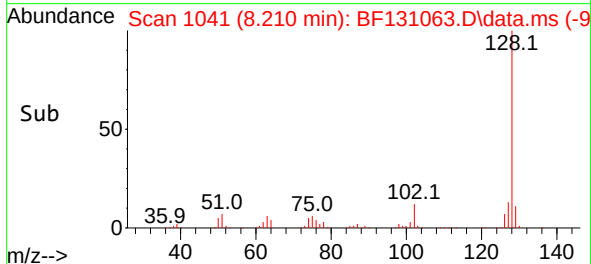
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



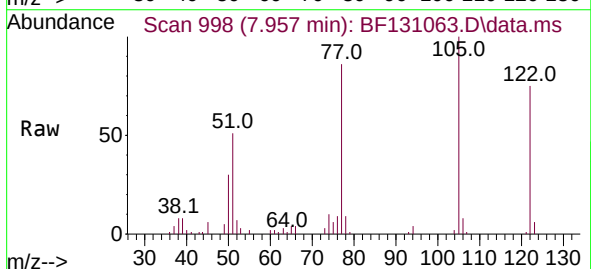
Tgt Ion:128 Resp: 409490
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.4 10.5 15.7

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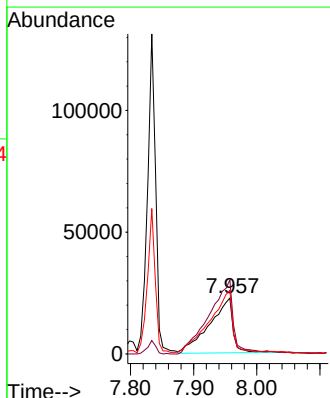
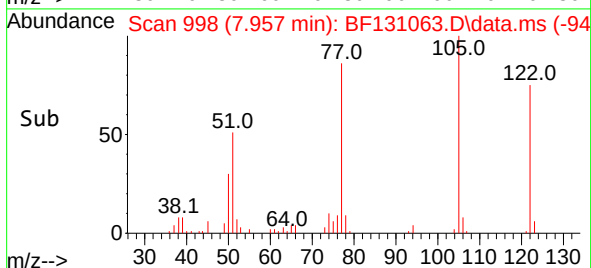
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

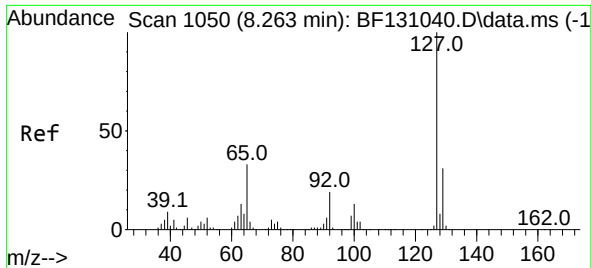


#32
Benzoic acid
Concen: 31.667 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:122 Resp: 58900
Ion Ratio Lower Upper
122 100
105 132.6 106.0 146.0
77 113.8 74.4 114.4





#33
4-Chloroaniline
Concen: 26.065 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

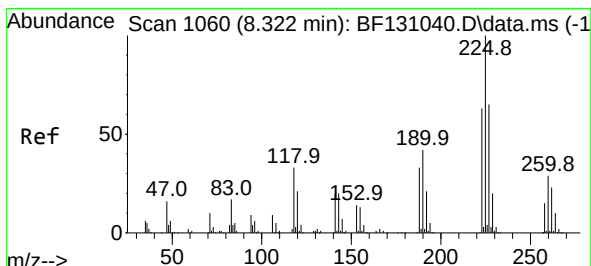
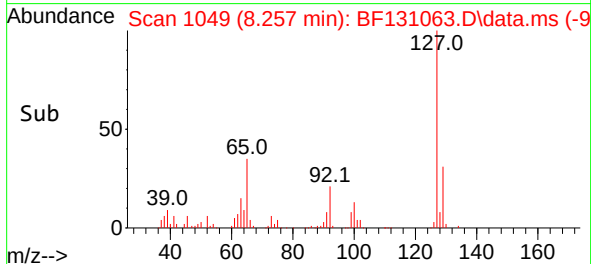
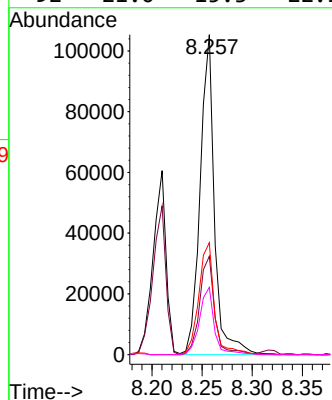
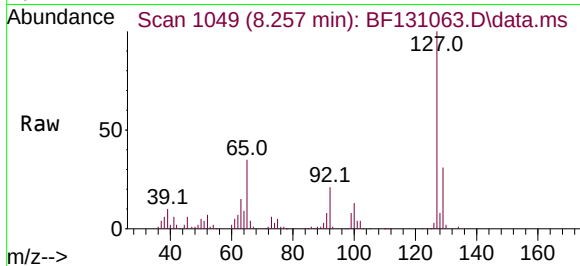
SH-1MSD

Tgt Ion:127 Resp: 104462
Ion Ratio Lower Upper
127 100
129 30.7 25.0 37.6
65 35.0 26.6 40.0
92 21.0 15.3 22.9

Manual Integrations

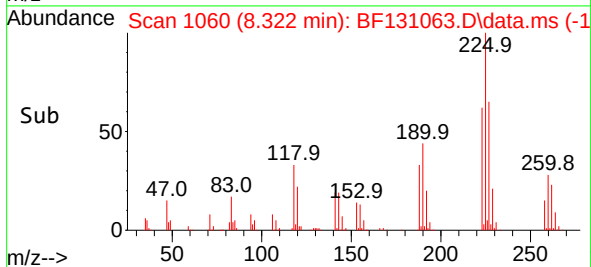
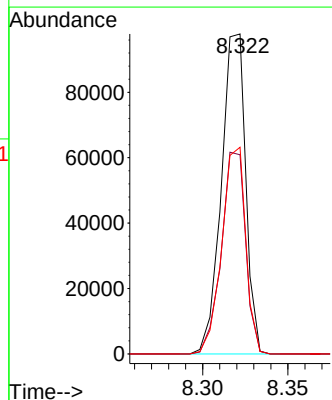
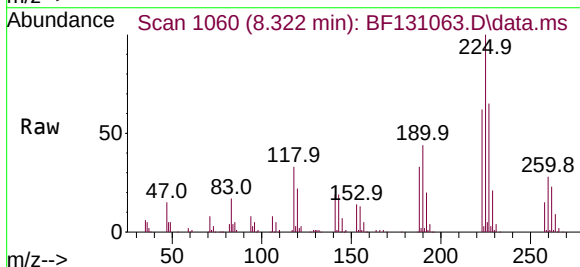
APPROVED

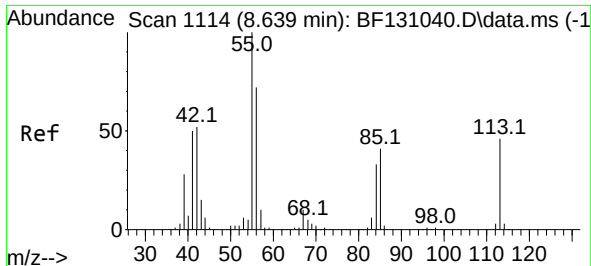
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#34
Hexachlorobutadiene
Concen: 46.410 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

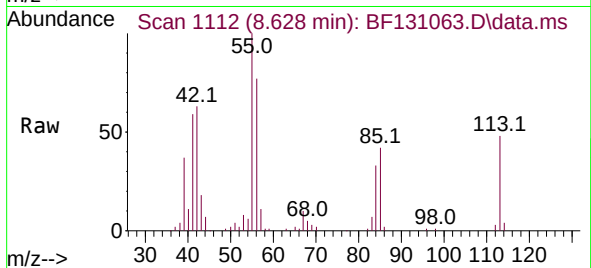
Tgt Ion:225 Resp: 97147
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 64.6 52.0 78.0





#35
Caprolactam
Concen: 41.734 ng m
RT: 8.628 min Scan# 1112
Delta R.T. -0.011 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

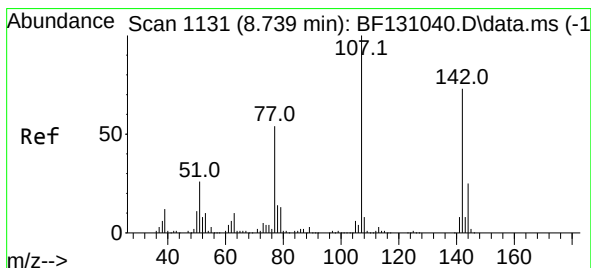
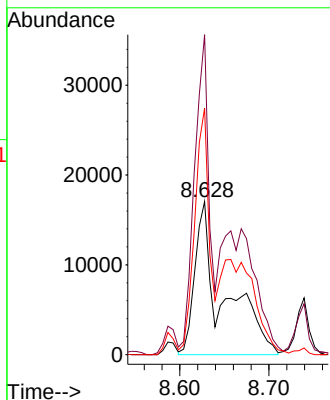
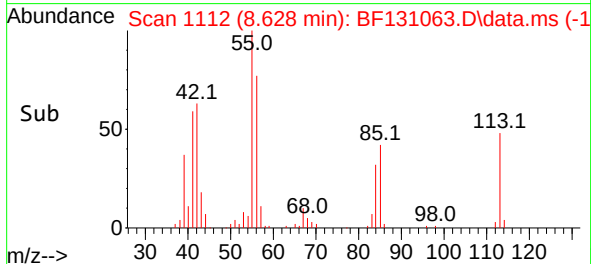
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



Tgt Ion:113 Resp: 37653
Ion Ratio Lower Upper
113 100
55 209.0 199.0 239.0
56 161.0 137.0 177.0

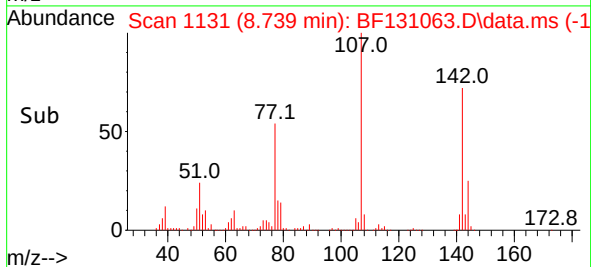
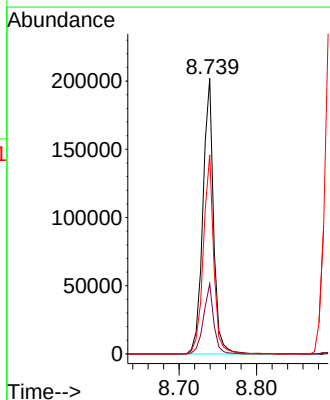
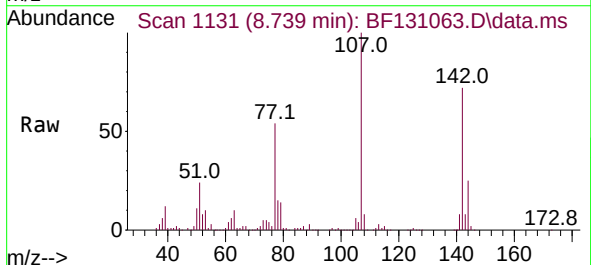
Manual Integrations
APPROVED

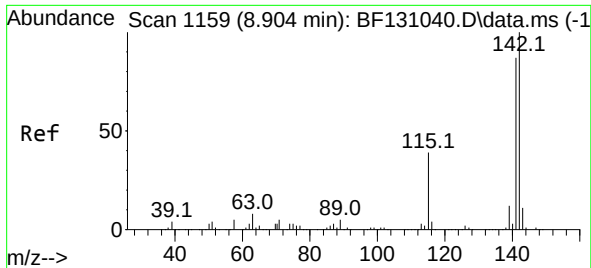
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#36
4-Chloro-3-methylphenol
Concen: 60.854 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

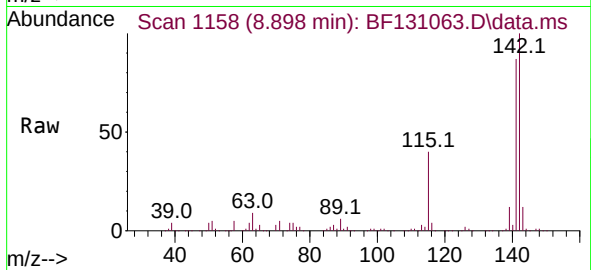
Tgt Ion:107 Resp: 193139
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.2
142 72.2 58.6 88.0





#37
2-Methylnaphthalene
Concen: 65.301 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

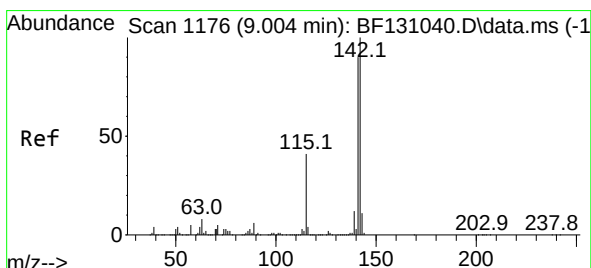
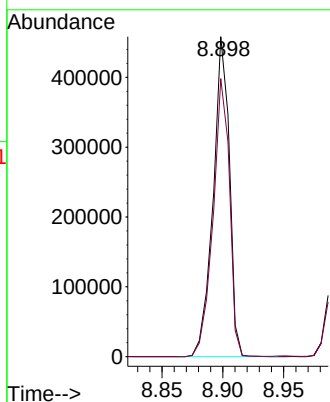
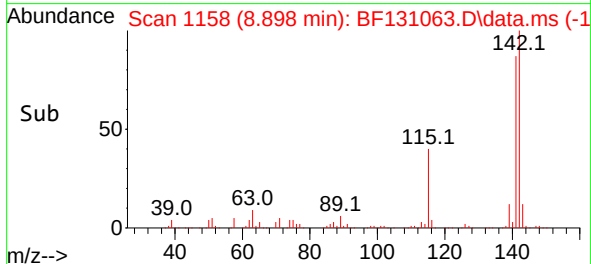
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



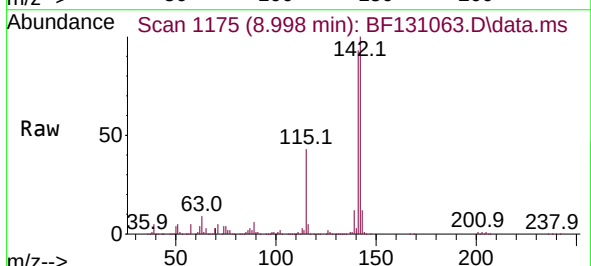
Tgt Ion:142 Resp: 425775
Ion Ratio Lower Upper
142 100
141 86.9 69.8 104.6

Manual Integrations
APPROVED

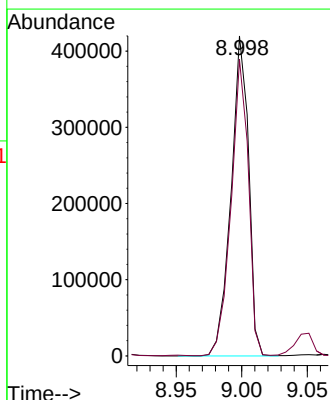
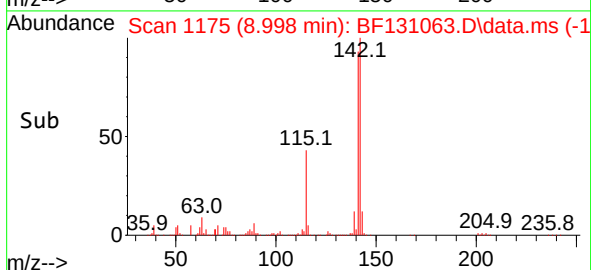
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

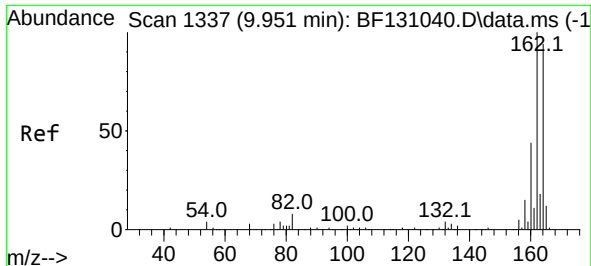


#38
1-Methylnaphthalene
Concen: 62.861 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:142 Resp: 391363
Ion Ratio Lower Upper
142 100
141 92.6 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: BF131063.D

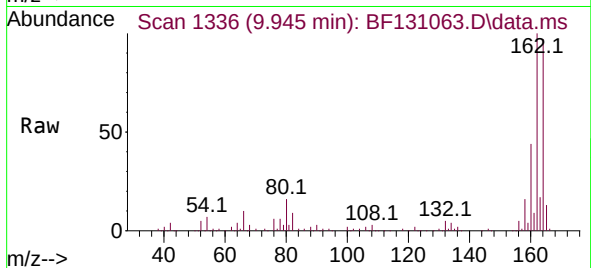
Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

SH-1MSD



Tgt Ion:164 Resp: 105916

Ion Ratio Lower Upper

164 100

162 103.6 85.0 127.6

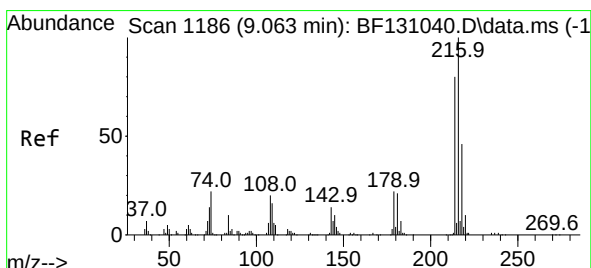
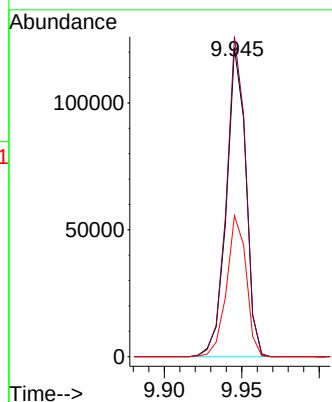
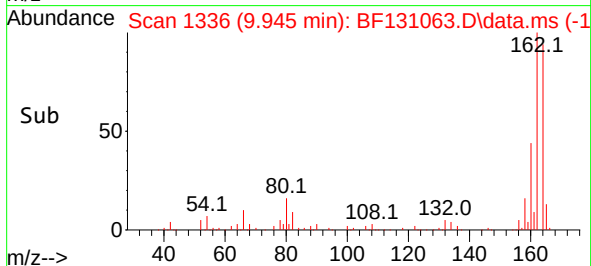
160 45.6 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/09/2022

Supervised By :Jagrut Upadhyay 11/09/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.533 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Tgt Ion:216 Resp: 213490

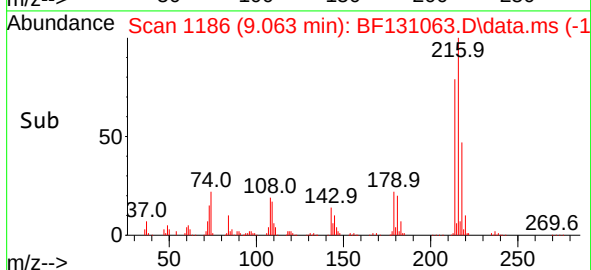
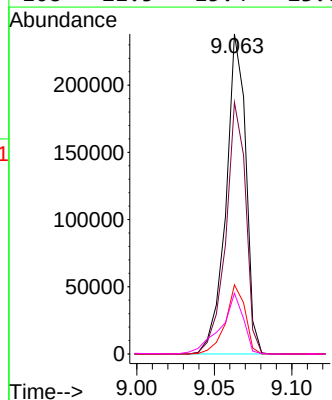
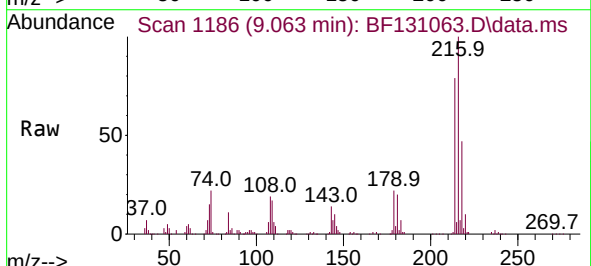
Ion Ratio Lower Upper

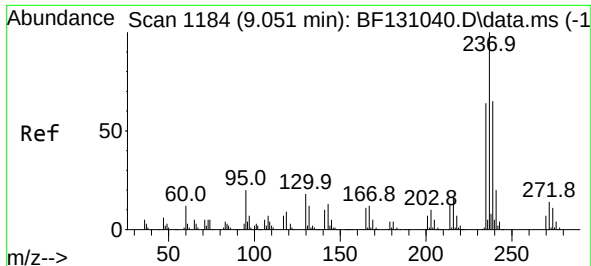
216 100

214 78.4 62.7 94.1

179 21.1 16.7 25.1

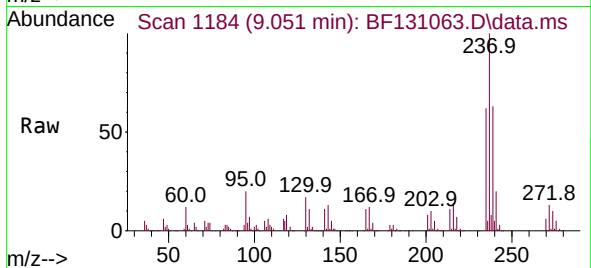
108 21.5 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 153.312 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

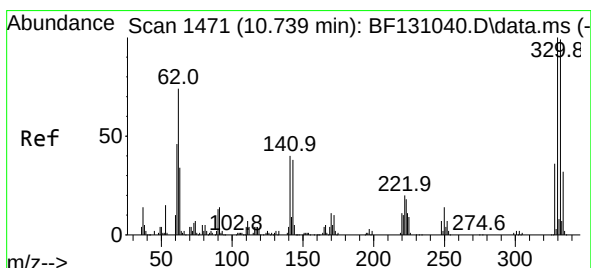
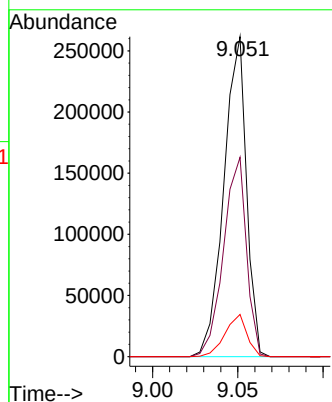
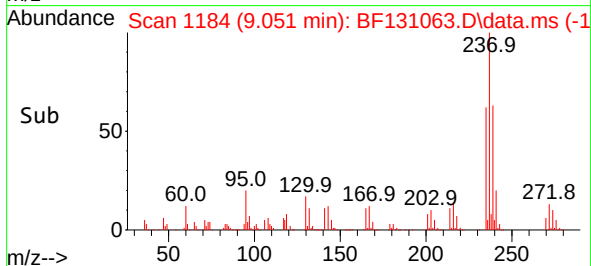
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



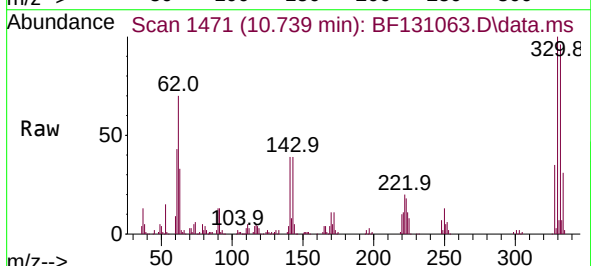
Tgt Ion:237 Resp: 241265
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 13.2 0.0 33.8

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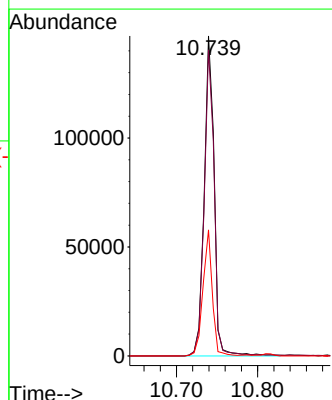
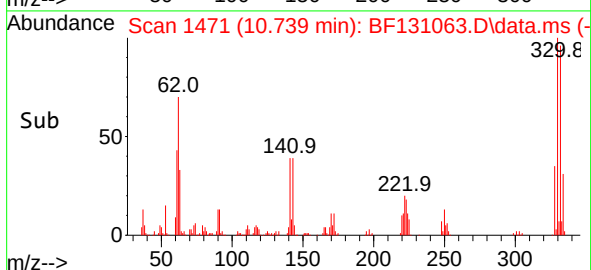
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

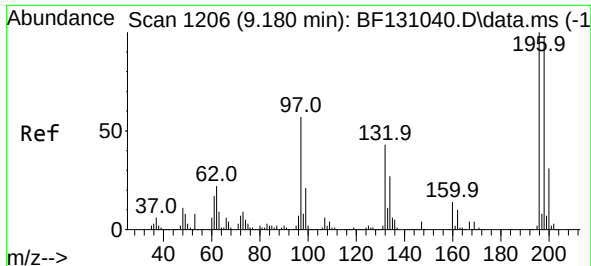


#42
2,4,6-Tribromophenol
Concen: 107.286 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



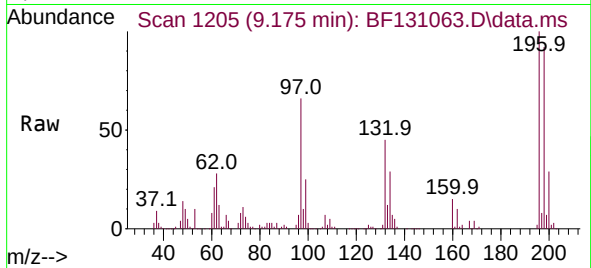
Tgt Ion:330 Resp: 125107
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.9 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 54.267 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

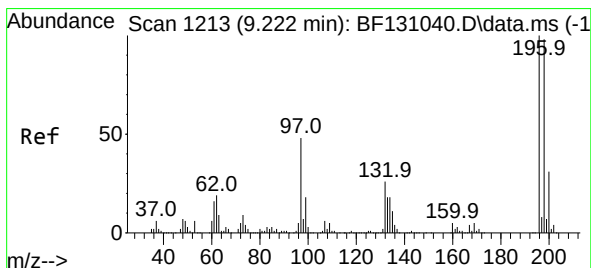
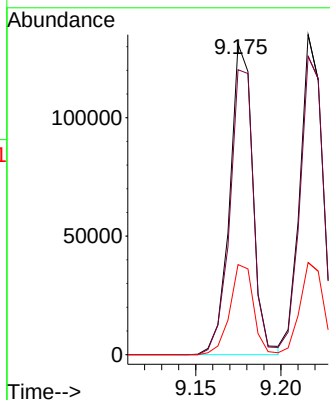
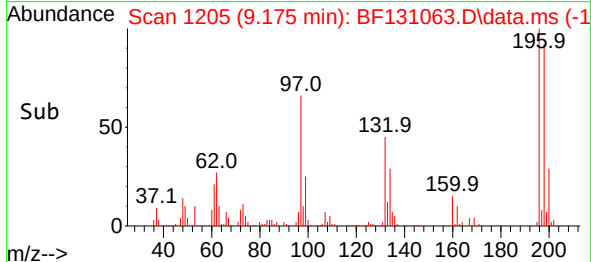
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



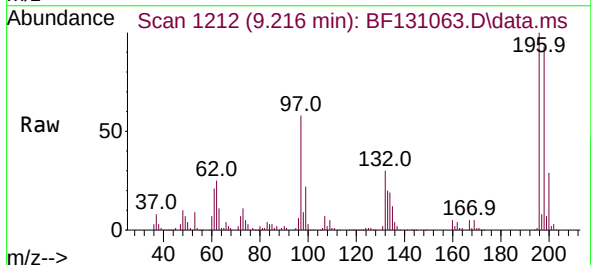
Tgt Ion:196 Resp: 123560
Ion Ratio Lower Upper
196 100
198 91.7 78.2 117.2
200 28.9 25.0 37.4

Manual Integrations
APPROVED

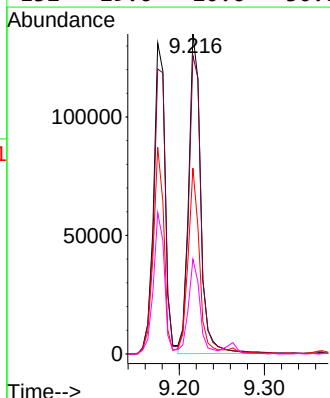
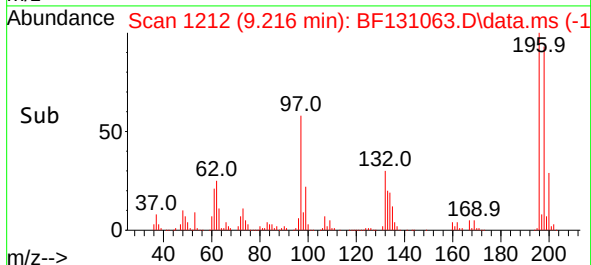
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

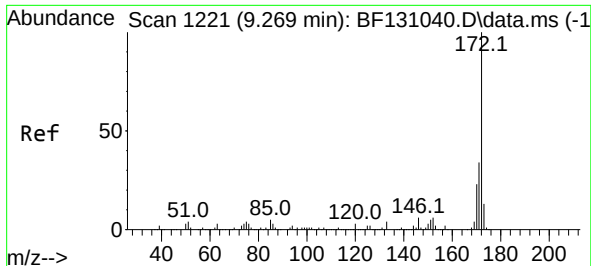


#44
2,4,5-Trichlorophenol
Concen: 51.753 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



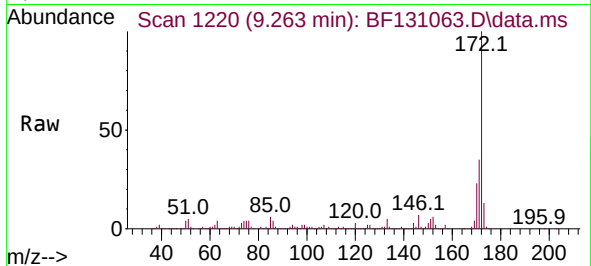
Tgt Ion:196 Resp: 132134
Ion Ratio Lower Upper
196 100
198 93.2 78.6 118.0
97 58.0 38.9 58.3
132 29.6 20.6 30.8





#45
2-Fluorobiphenyl
Concen: 98.814 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

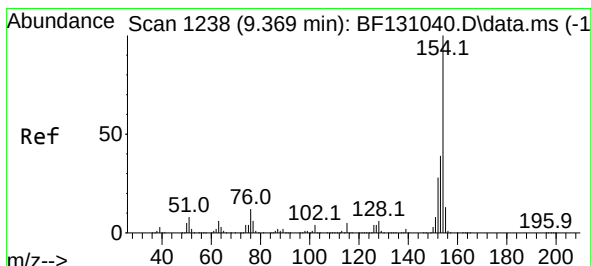
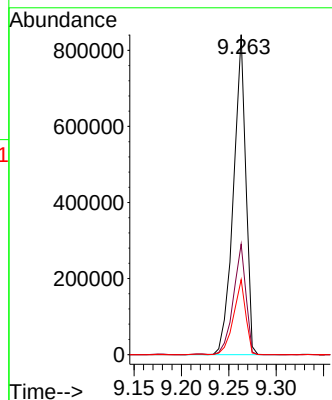
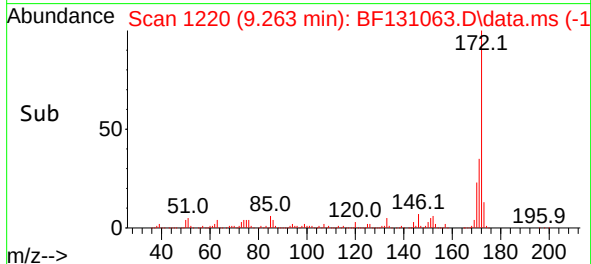
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



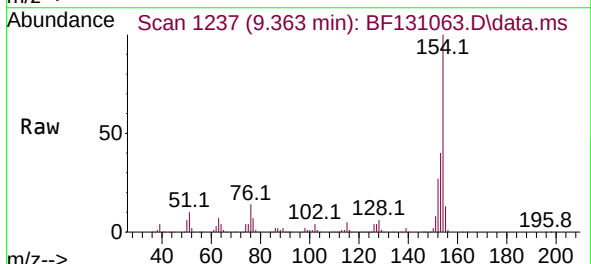
Tgt Ion:172 Resp: 767966
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 23.4 18.4 27.6

Manual Integrations
APPROVED

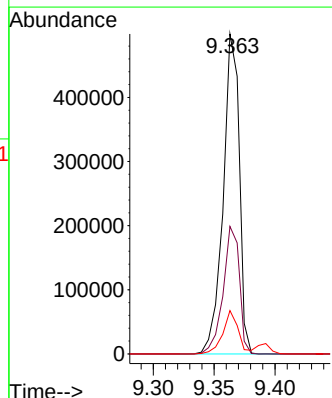
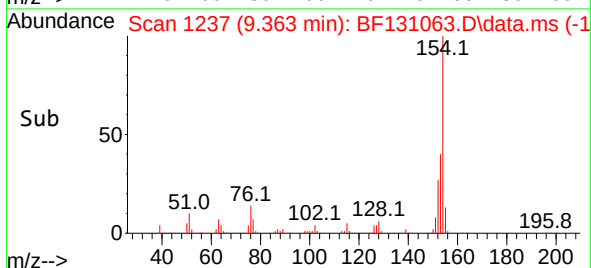
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

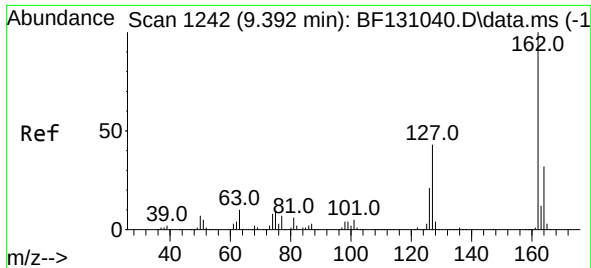


#46
1,1'-Biphenyl
Concen: 55.690 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



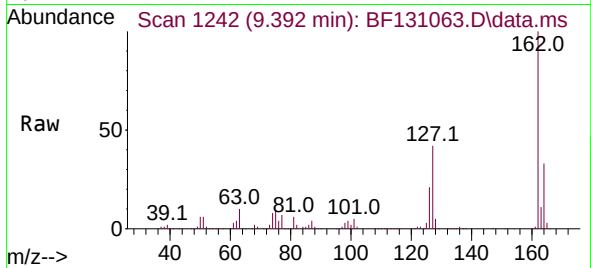
Tgt Ion:154 Resp: 459426
Ion Ratio Lower Upper
154 100
153 39.8 19.3 59.3
76 13.5 0.0 32.0





#47
2-Chloronaphthalene
Concen: 58.996 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

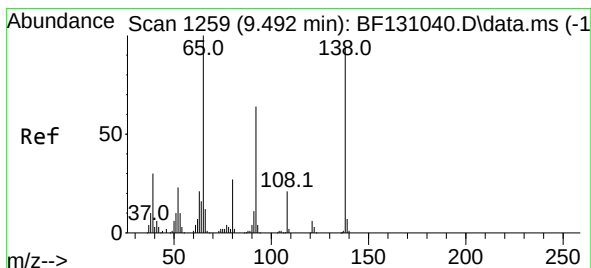
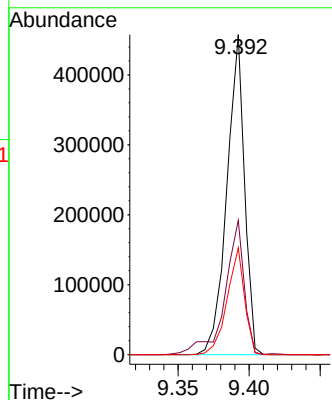
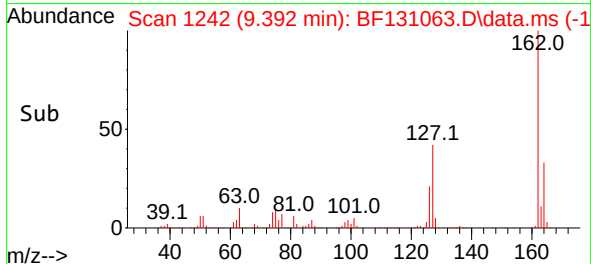
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



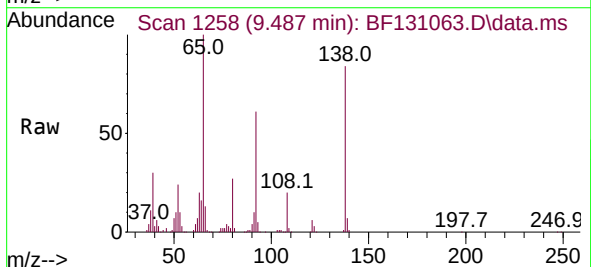
Tgt Ion:162 Resp: 394578
Ion Ratio Lower Upper
162 100
127 42.0 34.6 51.8
164 33.4 26.0 39.0

Manual Integrations
APPROVED

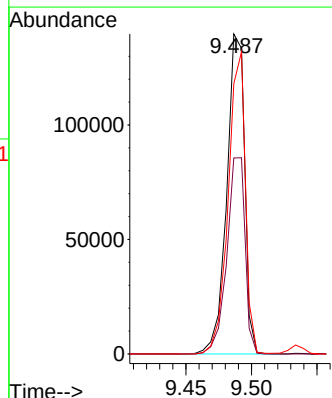
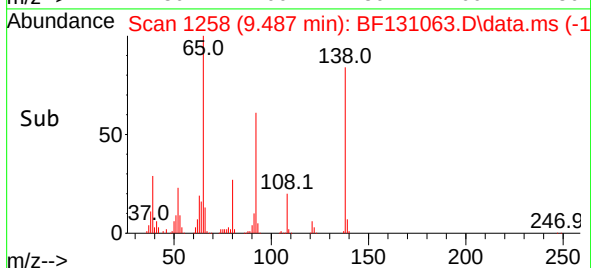
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

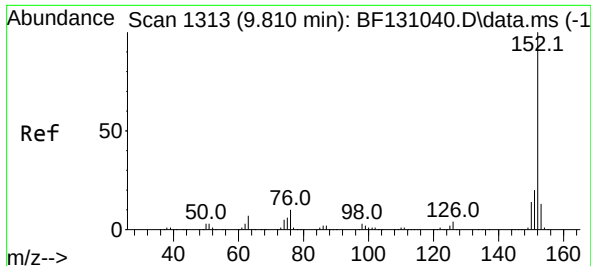


#48
2-Nitroaniline
Concen: 54.330 ng
RT: 9.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion: 65 Resp: 133551
Ion Ratio Lower Upper
65 100
92 61.2 51.3 76.9
138 84.4 75.0 112.4





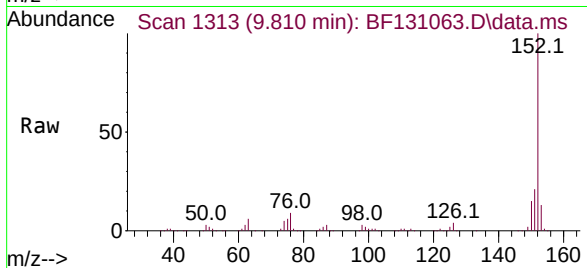
#49
Acenaphthylene
Concen: 39.239 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

SH-1MSD

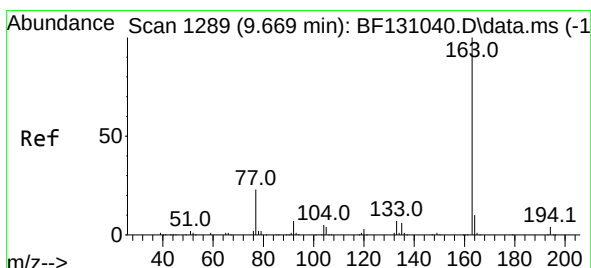
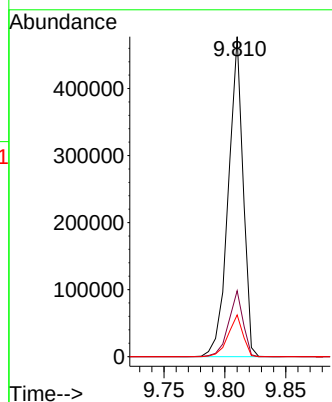
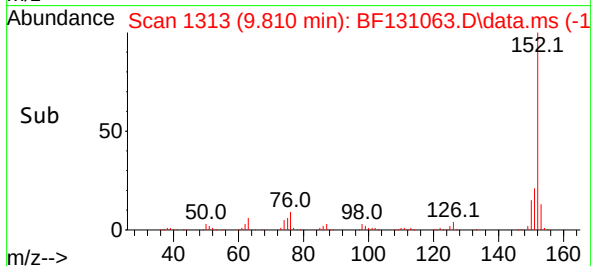


Tgt Ion:152 Resp: 403296
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.0 10.4 15.6

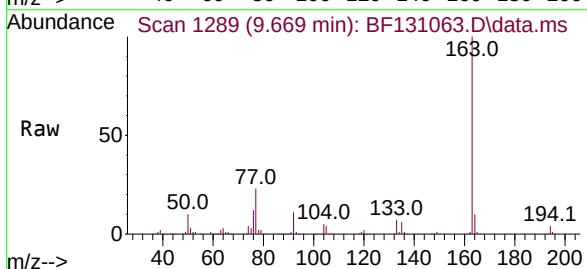
Manual Integrations

APPROVED

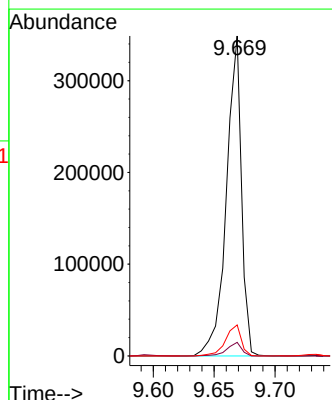
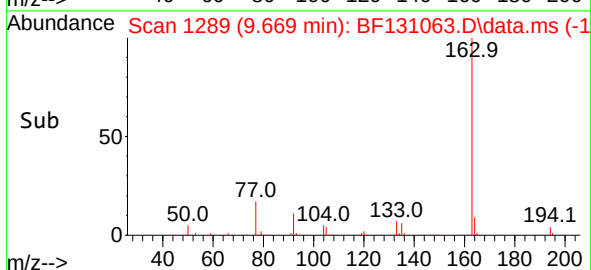
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

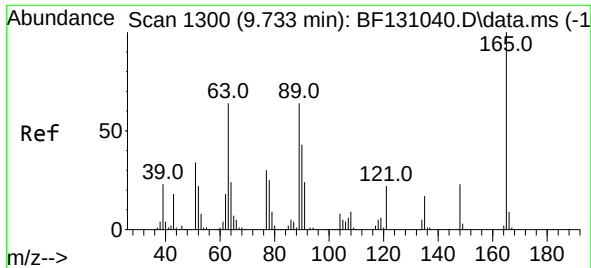


#50
Dimethylphthalate
Concen: 36.649 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



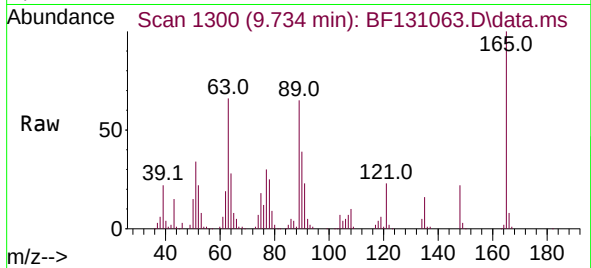
Tgt Ion:163 Resp: 299991
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 38.023 ng
RT: 9.734 min Scan# 1300
Delta R.T. 0.001 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

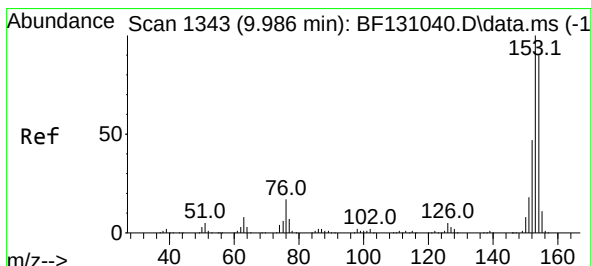
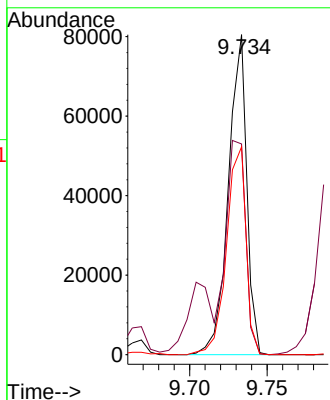
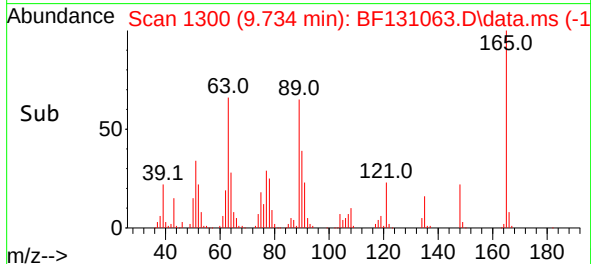
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



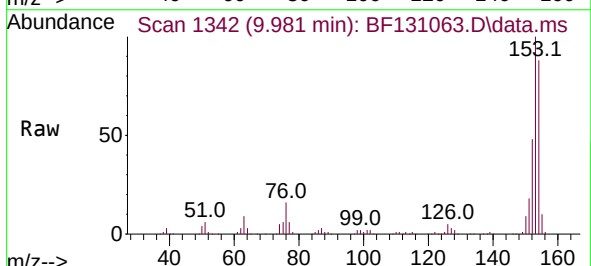
Tgt Ion:165 Resp: 66210
Ion Ratio Lower Upper
165 100
63 65.8 57.2 85.8
89 64.9 51.4 77.2

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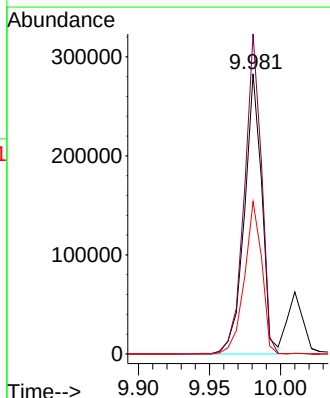
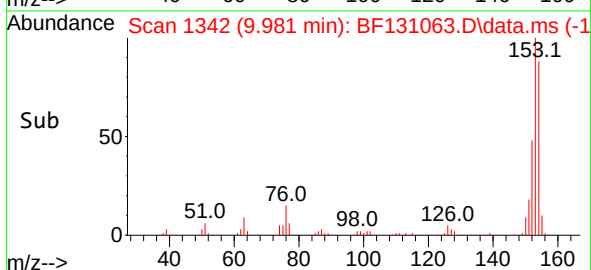
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

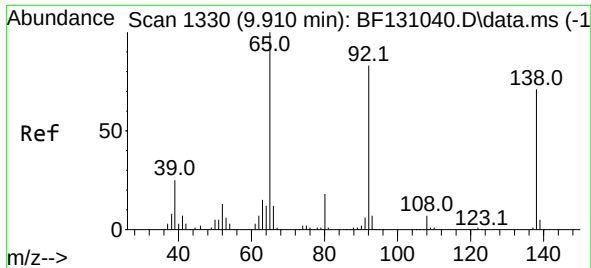


#52
Acenaphthene
Concen: 38.327 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:154 Resp: 241213
Ion Ratio Lower Upper
154 100
153 114.3 89.0 133.6
152 54.4 42.1 63.1





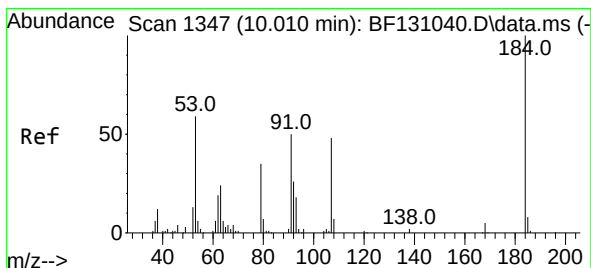
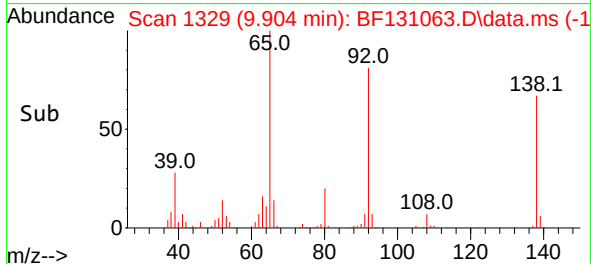
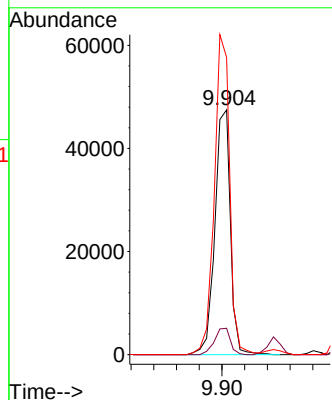
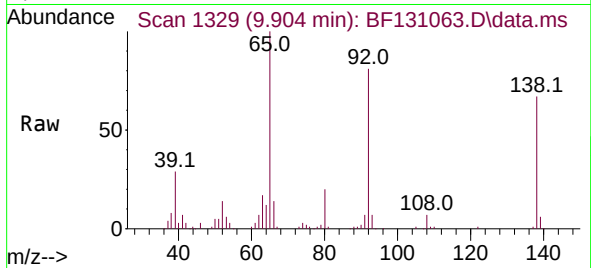
#53
3-Nitroaniline
Concen: 23.959 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :
BNA_F
ClientSampleId :
SH-1MSD

Tgt Ion:138 Resp: 45028
Ion Ratio Lower Upper
138 100
108 10.8 8.4 12.6
92 121.5 93.8 140.6

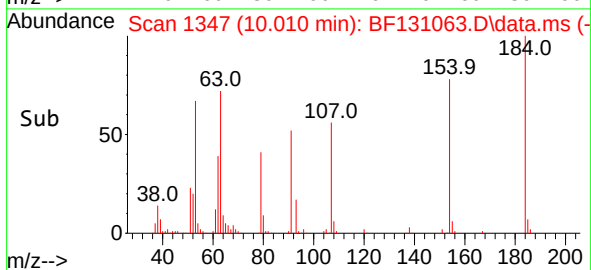
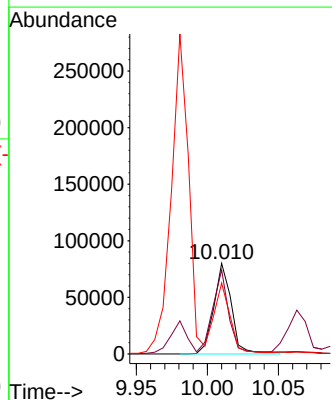
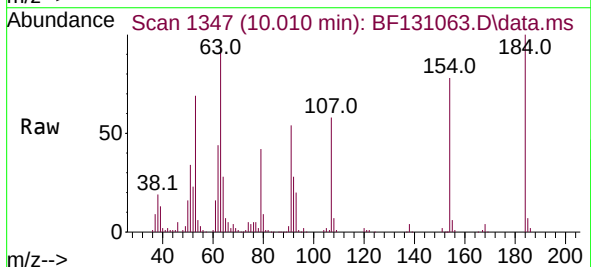
Manual Integrations
APPROVED

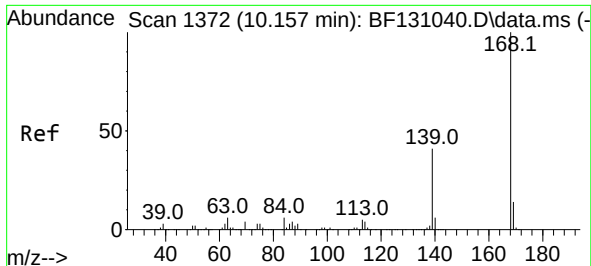
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#54
2,4-Dinitrophenol
Concen: 79.116 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

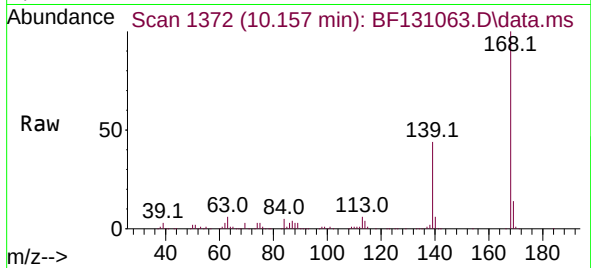
Tgt Ion:184 Resp: 69370
Ion Ratio Lower Upper
184 100
63 92.8 63.8 95.8
154 78.3 53.8 80.6





#55
Dibenzofuran
Concen: 41.276 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

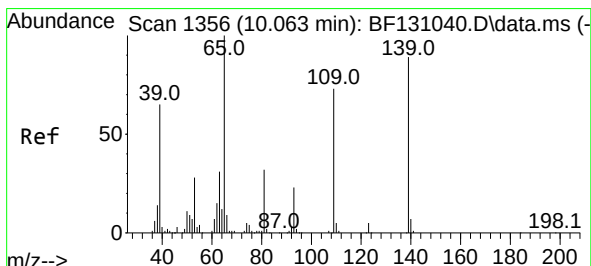
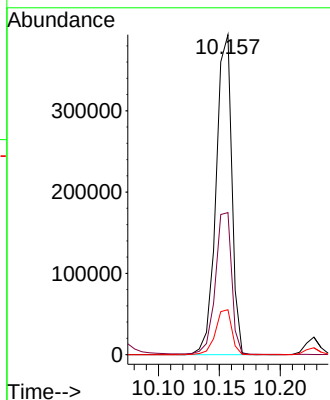
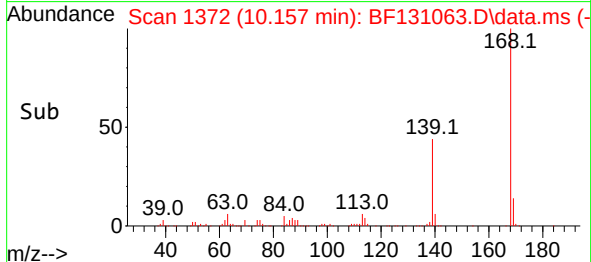
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



Tgt Ion:168 Resp: 352878
Ion Ratio Lower Upper
168 100
139 44.4 33.0 49.6
169 14.0 11.3 16.9

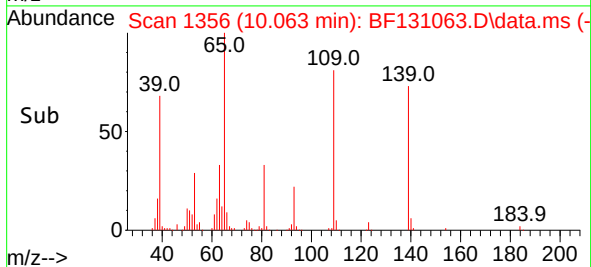
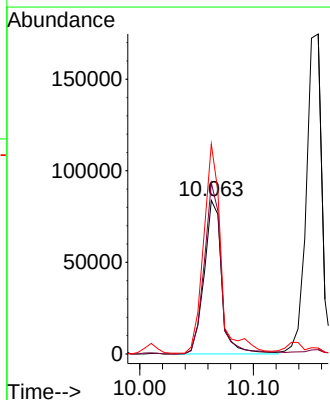
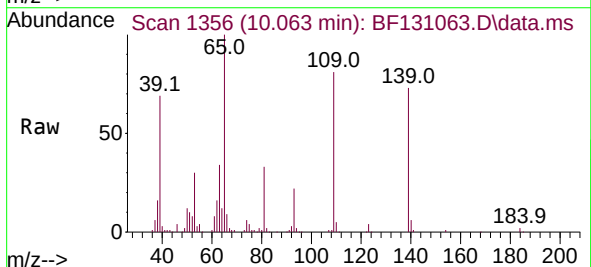
Manual Integrations
APPROVED

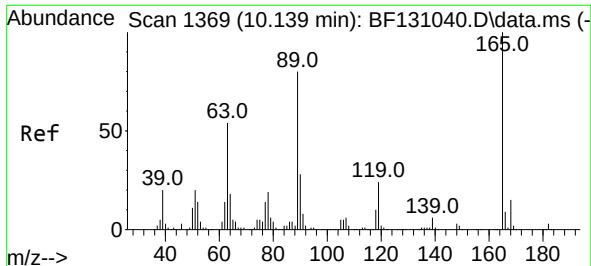
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#56
4-Nitrophenol
Concen: 67.700 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

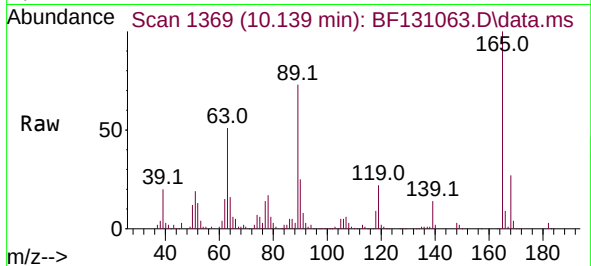
Tgt Ion:139 Resp: 89803
Ion Ratio Lower Upper
139 100
109 111.3 62.3 102.3#
65 136.6 92.6 132.6#





#57
2,4-Dinitrotoluene
Concen: 38.746 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

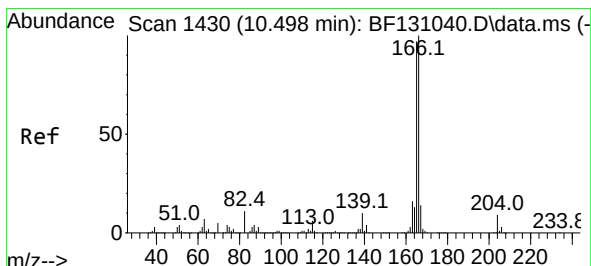
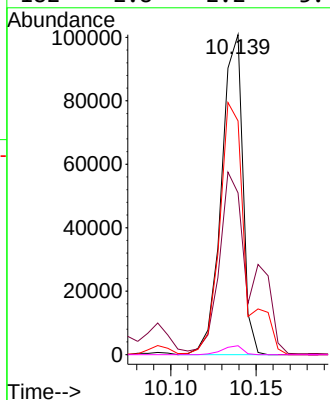
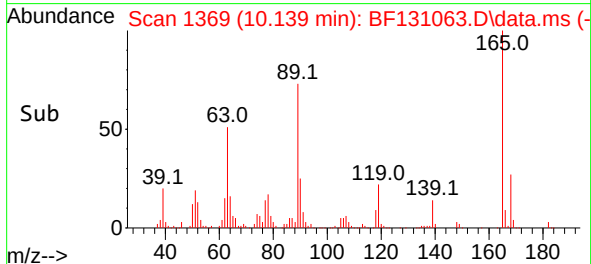
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



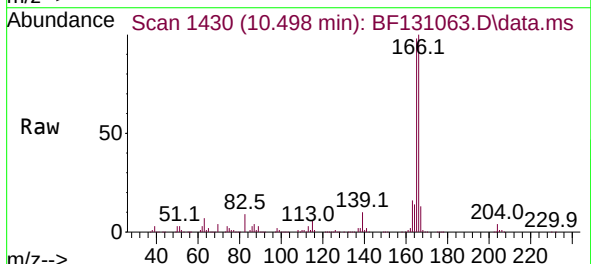
Tgt Ion:165 Resp: 87653
Ion Ratio Lower Upper
165 100
63 50.5 43.4 65.0
89 73.0 64.0 96.0
182 2.8 2.2 3.4

Manual Integrations
APPROVED

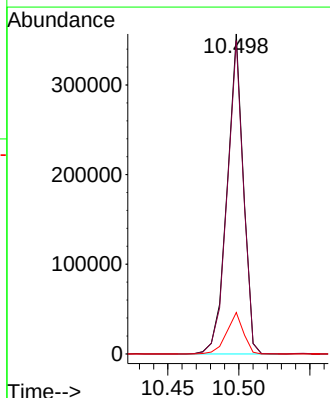
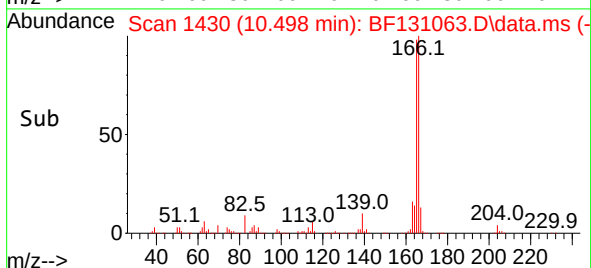
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

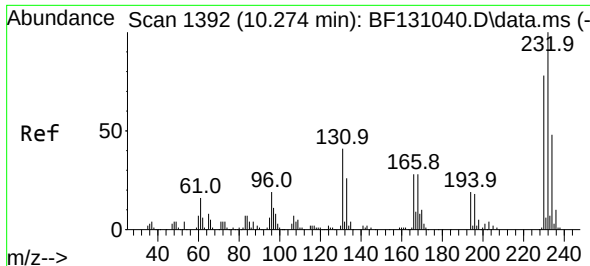


#58
Fluorene
Concen: 37.262 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



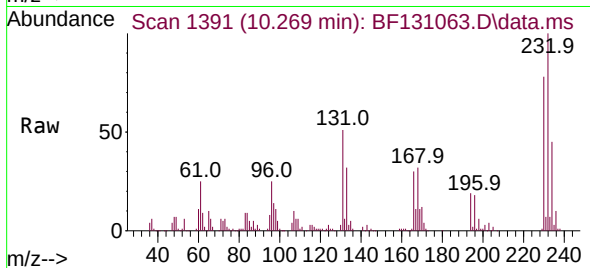
Tgt Ion:166 Resp: 283571
Ion Ratio Lower Upper
166 100
165 97.9 77.2 115.8
167 12.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.918 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

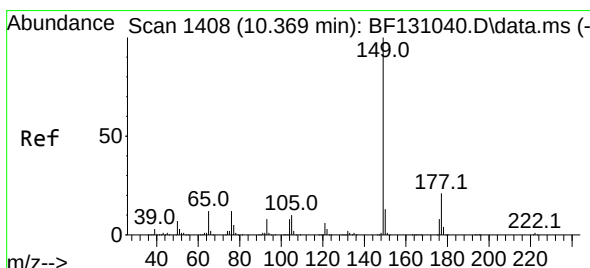
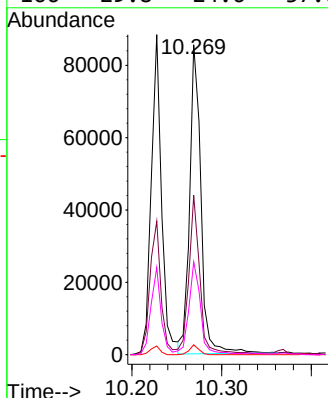
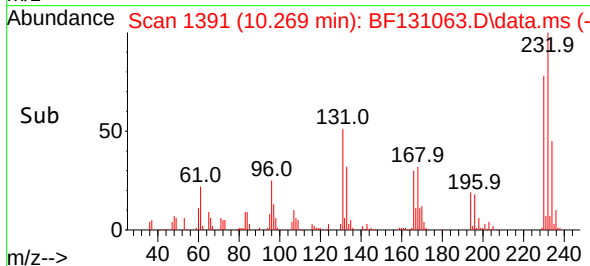
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



Tgt Ion:232 Resp: 74708
Ion Ratio Lower Upper
232 100
131 51.4 37.8 56.6
130 2.6 2.2 3.2
166 29.8 24.6 37.0

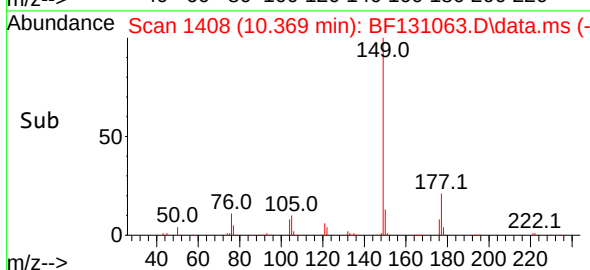
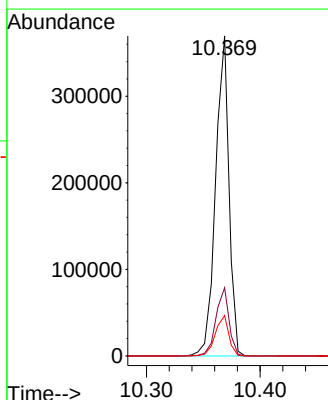
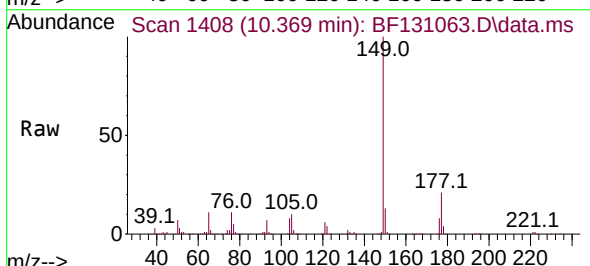
Manual Integrations
APPROVED

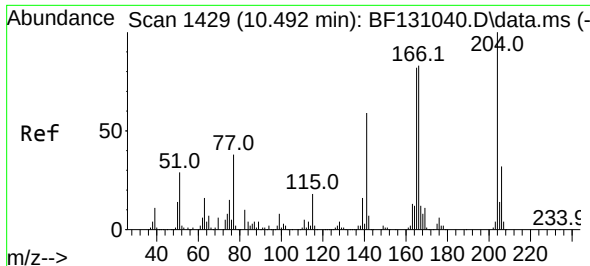
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#60
Diethylphthalate
Concen: 35.421 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Tgt Ion:149 Resp: 302163
Ion Ratio Lower Upper
149 100
177 21.3 16.6 25.0
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.770 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

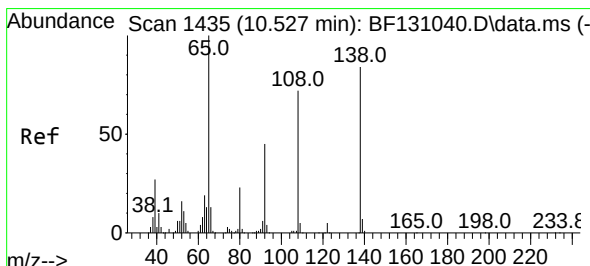
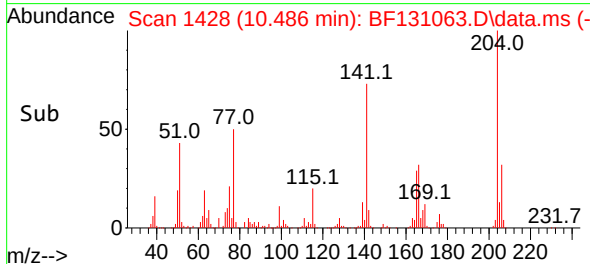
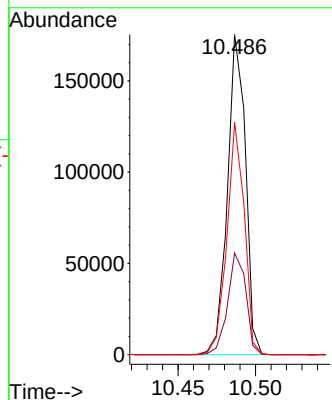
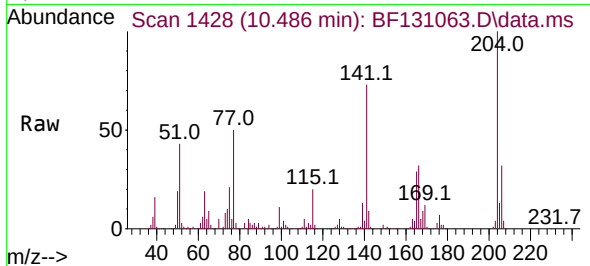
SH-1MSD

Tgt Ion:204 Resp: 142369
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 72.6 47.1 70.7

Manual Integrations

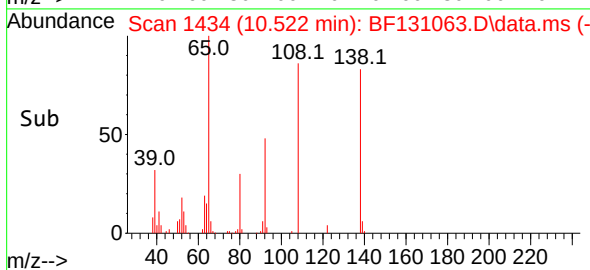
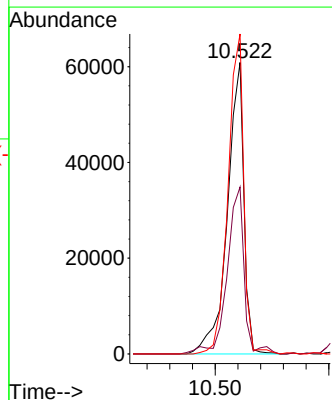
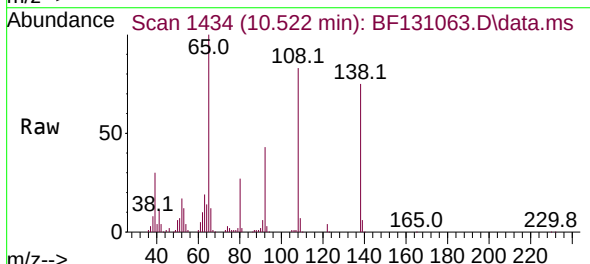
APPROVED

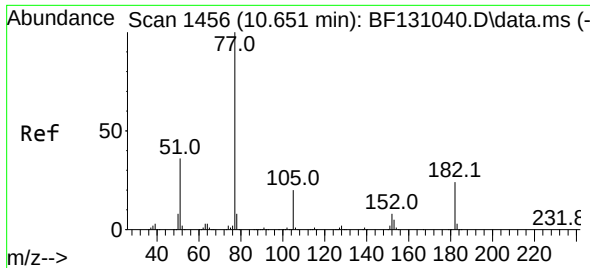
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#62
4-Nitroaniline
Concen: 31.870 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

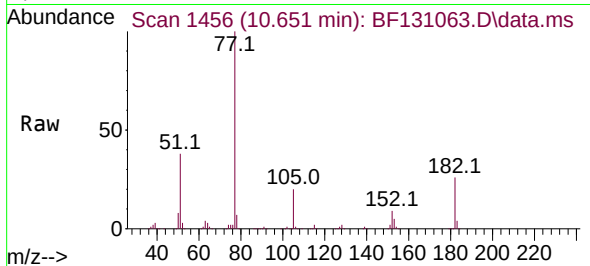
Tgt Ion:138 Resp: 61398
Ion Ratio Lower Upper
138 100
92 57.3 33.5 73.5
108 109.8 66.0 106.0





#63
Azobenzene
Concen: 36.745 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

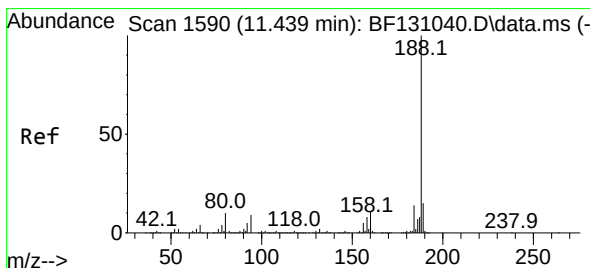
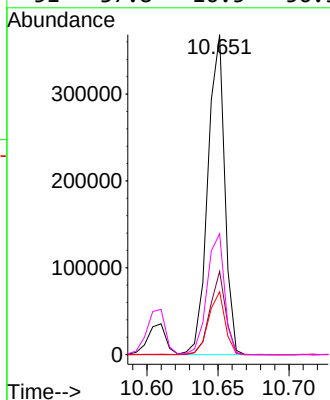
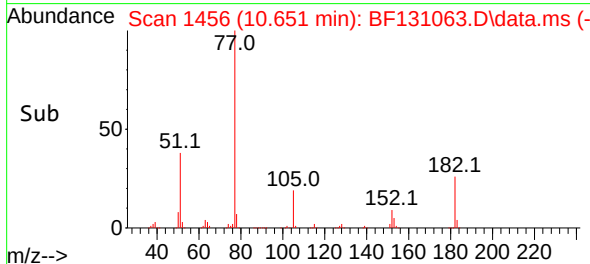
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



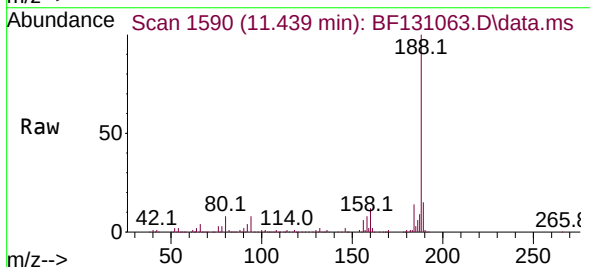
Tgt Ion: 77 Resp: 304673
Ion Ratio Lower Upper
77 100
182 26.0 3.9 43.9
105 19.6 0.0 39.9
51 37.8 16.5 56.5

Manual Integrations
APPROVED

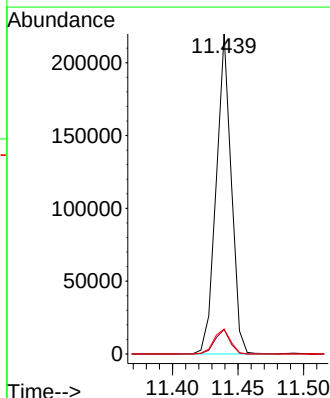
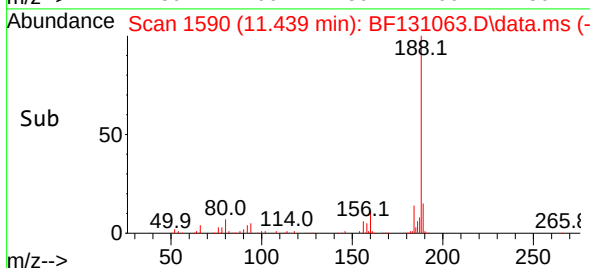
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

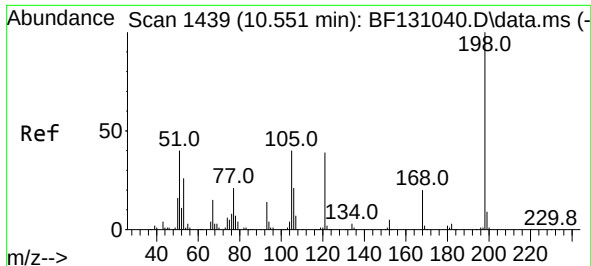


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:188 Resp: 176434
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 7.8 8.1 12.1#





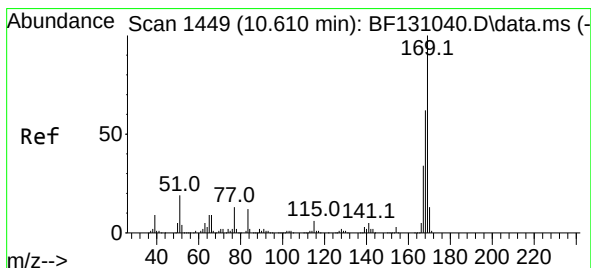
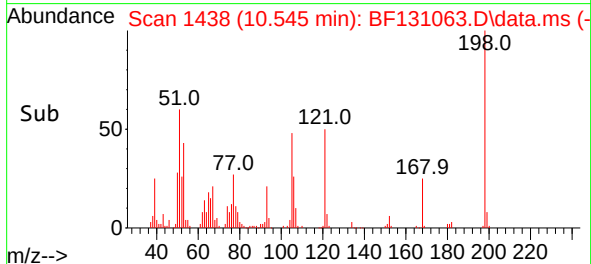
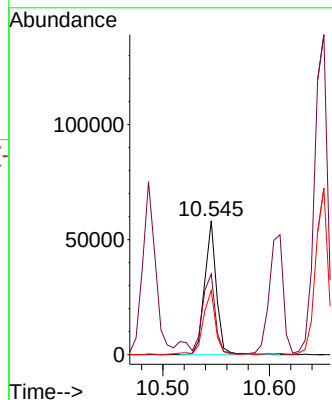
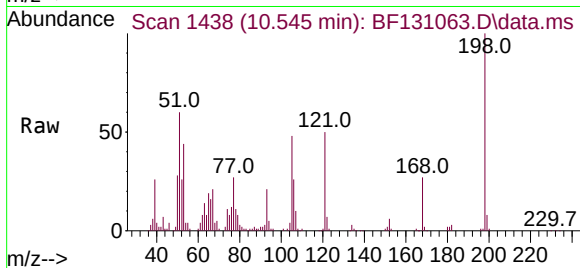
#65
4,6-Dinitro-2-methylphenol
Concen: 39.559 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :
BNA_F
Client Sample Id :
SH-1MSD

Tgt Ion:198 Resp: 44289
Ion Ratio Lower Upper
198 100
51 60.2 24.0 64.0
105 47.8 20.3 60.3

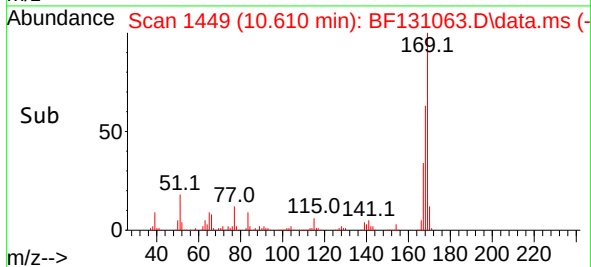
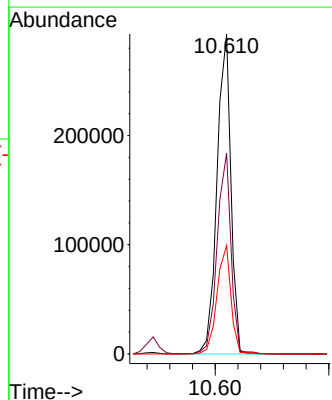
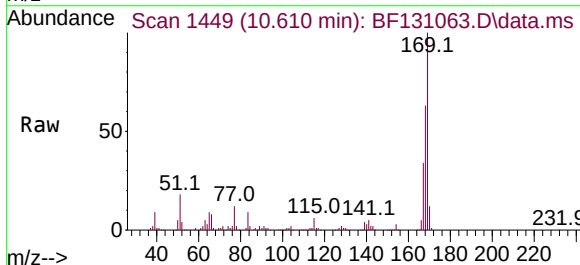
Manual Integrations
APPROVED

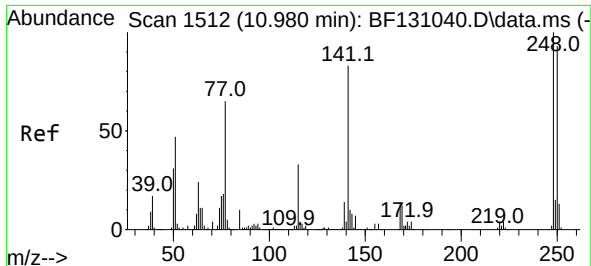
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#66
n-Nitrosodiphenylamine
Concen: 39.752 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

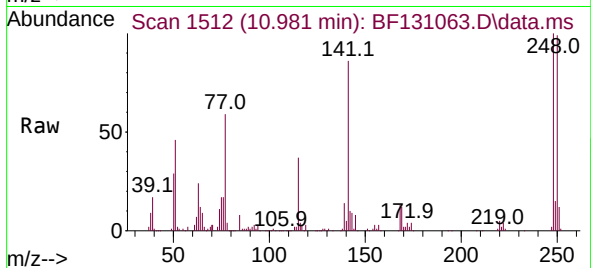
Tgt Ion:169 Resp: 247834
Ion Ratio Lower Upper
169 100
168 62.7 49.4 74.2
167 33.9 27.2 40.8





#67
4-Bromophenyl-phenylether
Concen: 39.197 ng
RT: 10.981 min Scan# 1512
Delta R.T. 0.001 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

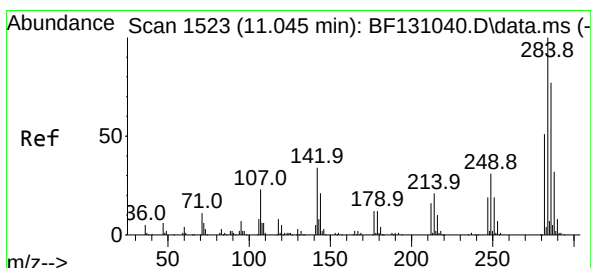
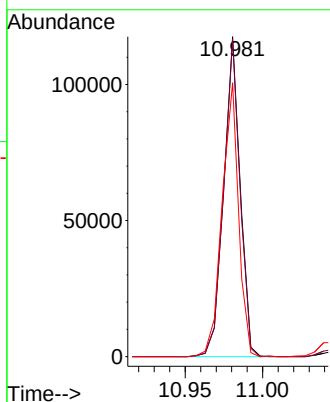
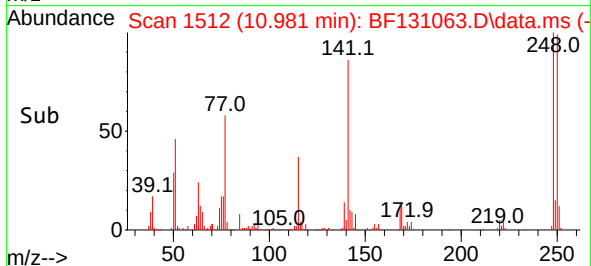
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



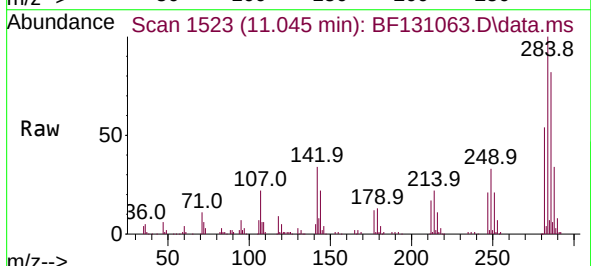
Tgt Ion:248 Resp: 86893
Ion Ratio Lower Upper
248 100
250 99.2 74.6 112.0
141 85.6 66.2 99.2

Manual Integrations
APPROVED

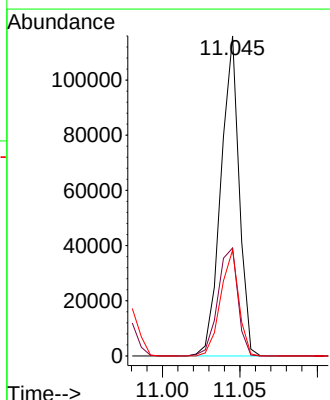
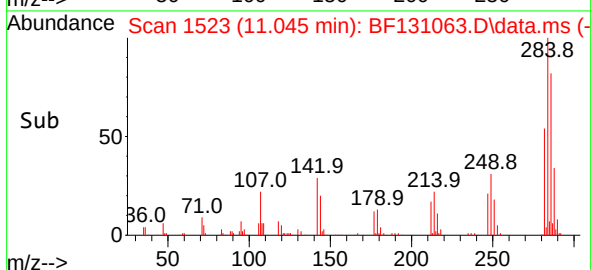
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

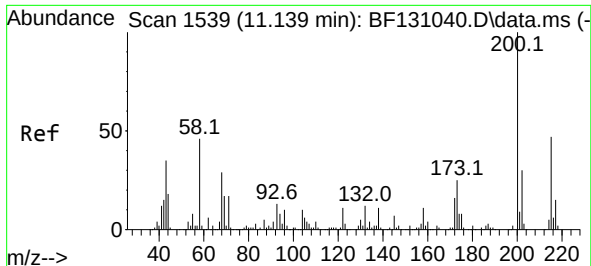


#68
Hexachlorobenzene
Concen: 39.454 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



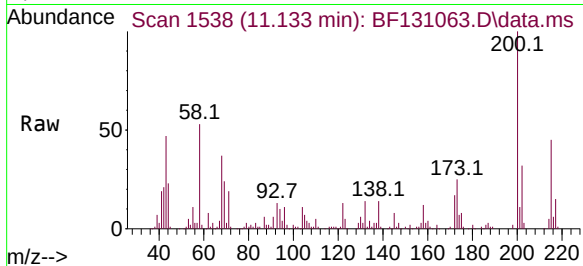
Tgt Ion:284 Resp: 94871
Ion Ratio Lower Upper
284 100
142 33.7 27.4 41.2
249 33.1 25.1 37.7





#69
Atrazine
Concen: 45.920 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

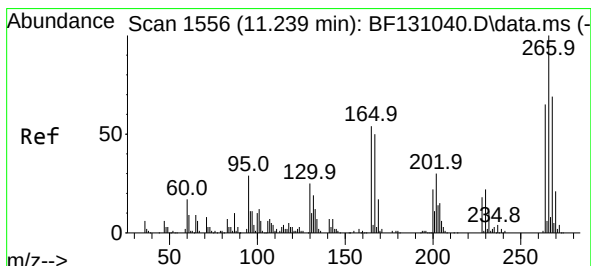
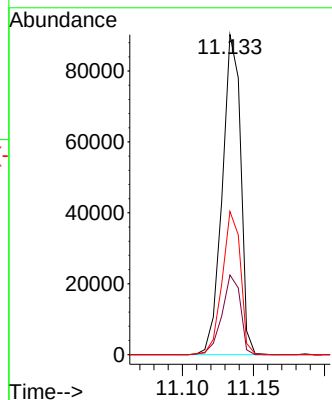
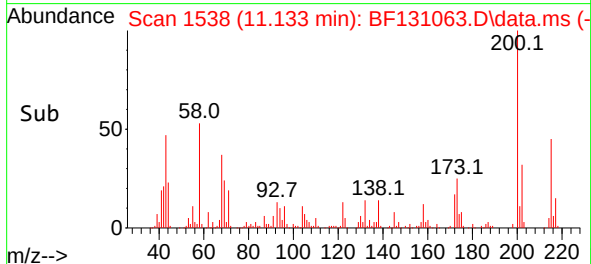
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



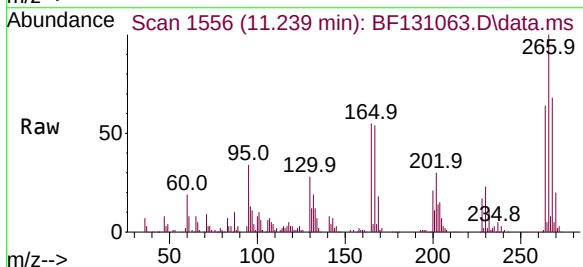
Tgt Ion:200 Resp: 81436
Ion Ratio Lower Upper
200 100
173 24.9 5.1 45.1
215 44.7 27.5 67.5

Manual Integrations
APPROVED

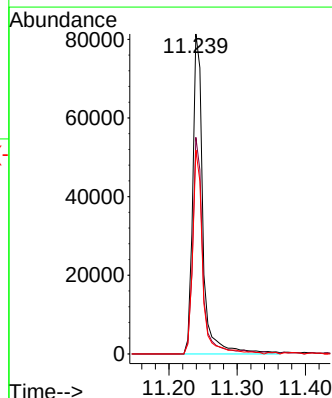
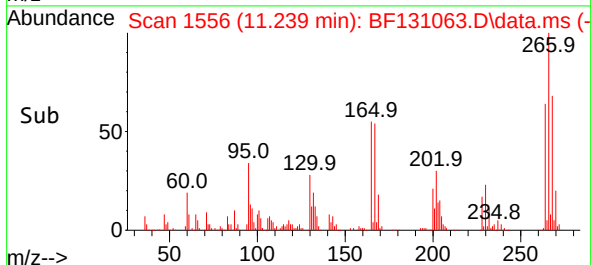
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

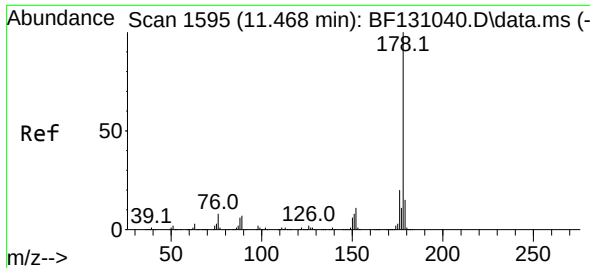


#70
Pentachlorophenol
Concen: 81.064 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:266 Resp: 84573
Ion Ratio Lower Upper
266 100
268 67.7 54.8 82.2
264 63.7 52.3 78.5





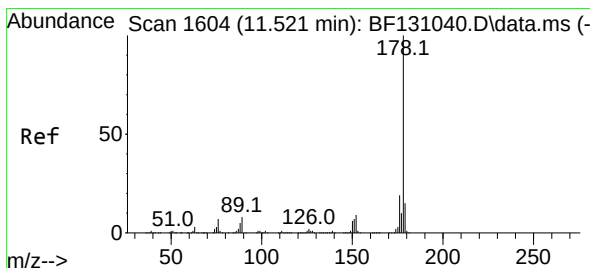
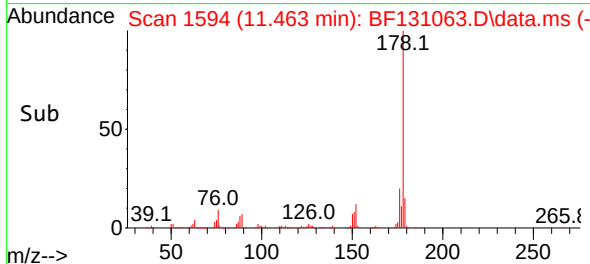
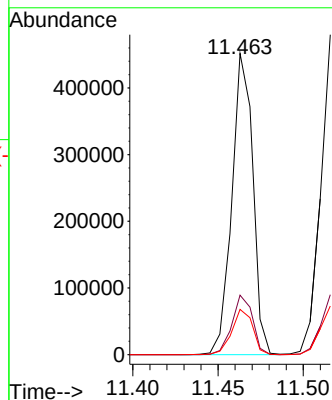
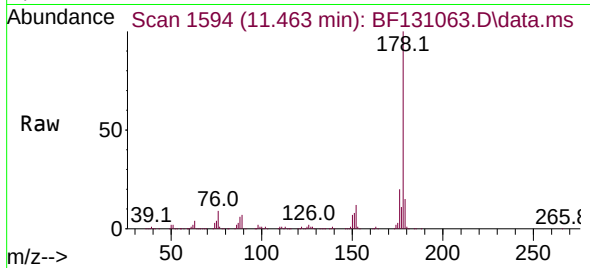
#71
Phenanthrene
Concen: 38.883 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :
BNA_F
ClientSampleId :
SH-1MSD

Tgt Ion:178 Resp: 386419
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.0 12.3 18.5

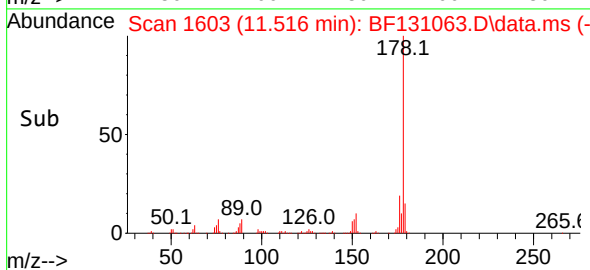
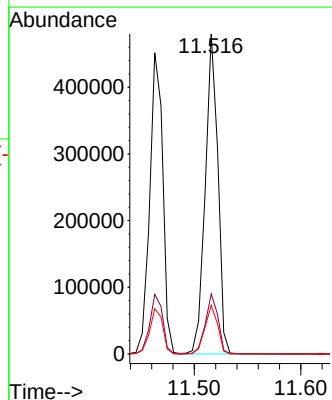
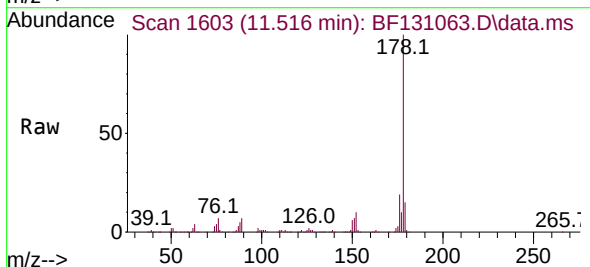
Manual Integrations
APPROVED

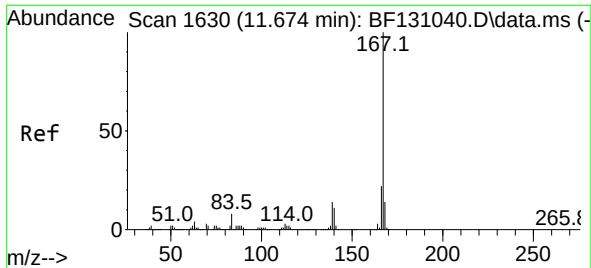
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#72
Anthracene
Concen: 40.322 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

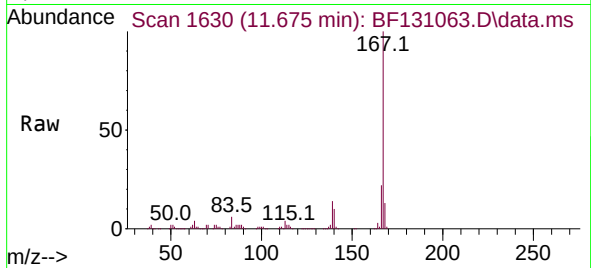
Tgt Ion:178 Resp: 393319
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 39.520 ng
 RT: 11.675 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131063.D
 Acq: 08 Nov 2022 13:06

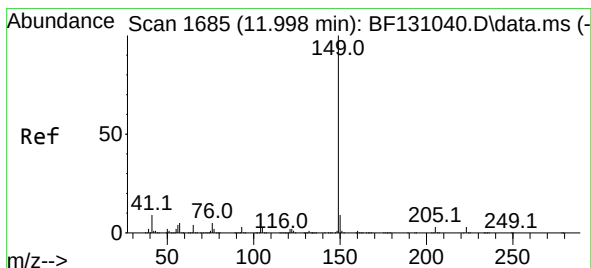
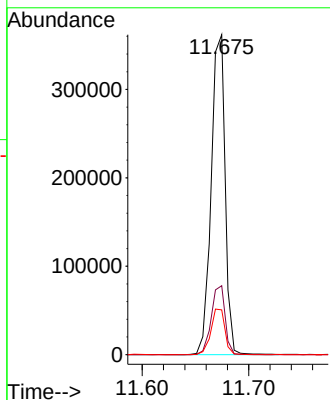
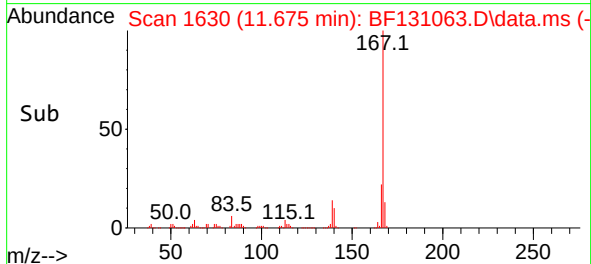
Instrument :
 BNA_F
 ClientSampleId :
 SH-1MSD



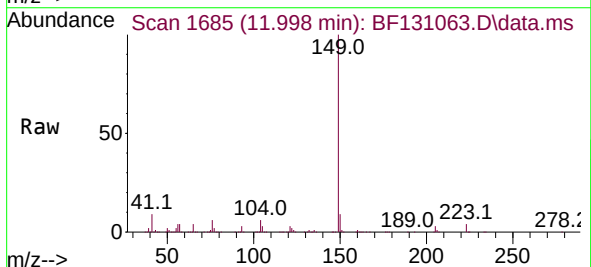
Tgt Ion:167 Resp: 329825
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 14.0 11.0 16.4

Manual Integrations
 APPROVED

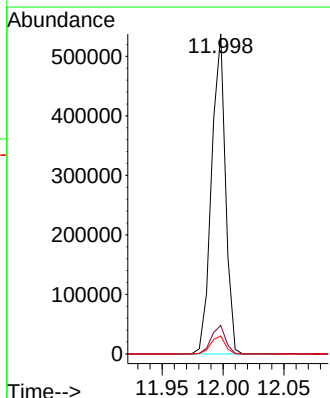
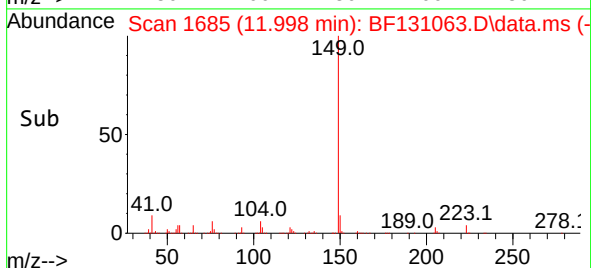
Reviewed By :Christian Giraldo 11/09/2022
 Supervised By :Jagrut Upadhyay 11/09/2022

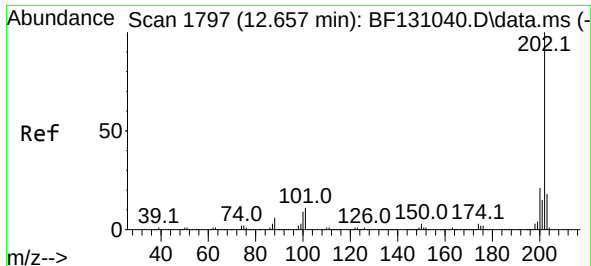


#74
 Di-n-butylphthalate
 Concen: 38.364 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: BF131063.D
 Acq: 08 Nov 2022 13:06



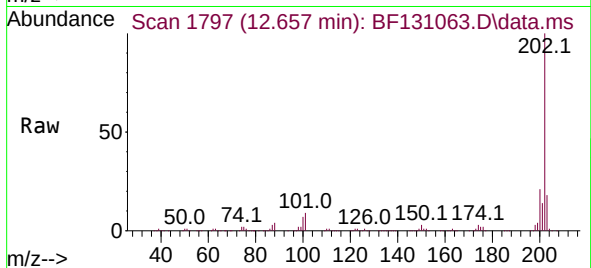
Tgt Ion:149 Resp: 428849
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 36.039 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

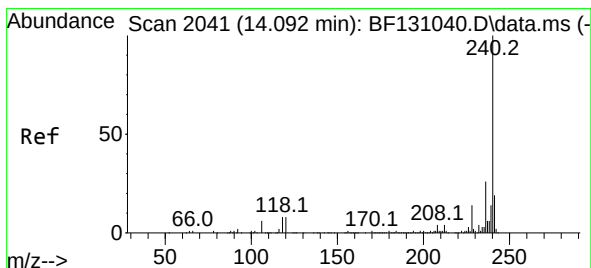
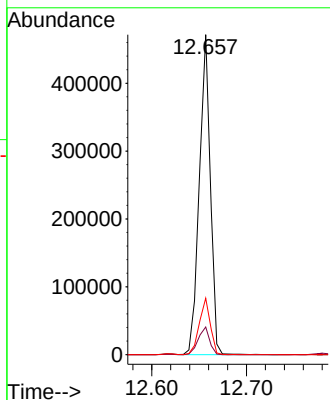
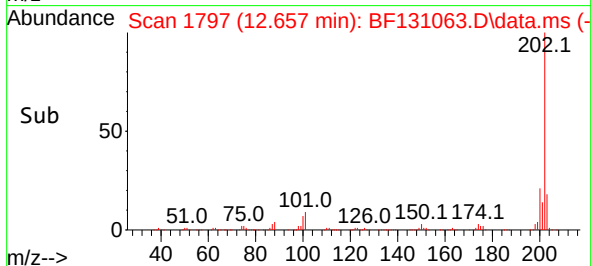
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



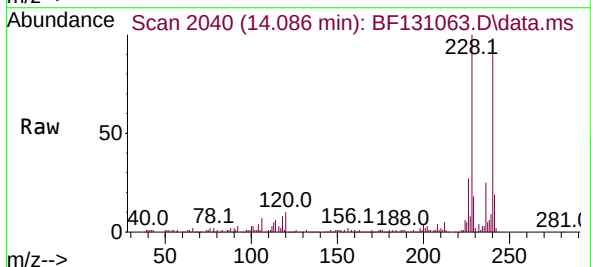
Tgt Ion:202 Resp: 380162
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.9
203 17.6 0.0 37.8

Manual Integrations
APPROVED

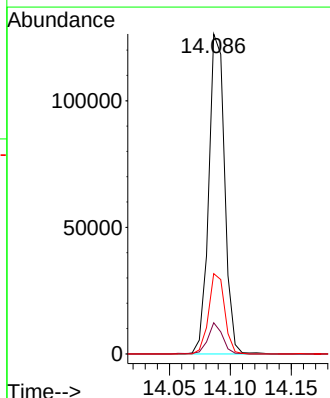
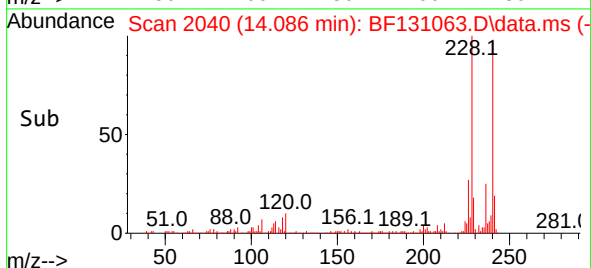
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

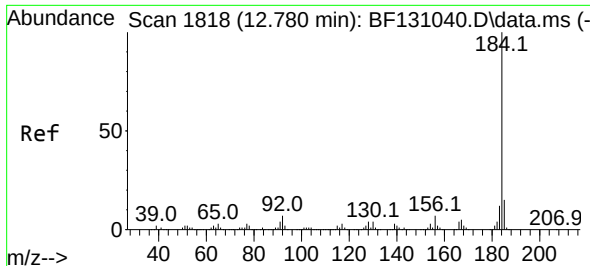


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



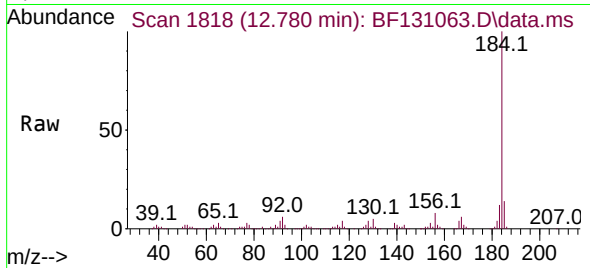
Tgt Ion:240 Resp: 114912
Ion Ratio Lower Upper
240 100
120 9.7 6.7 10.1
236 25.1 20.8 31.2





#77
Benzidine
Concen: 67.515 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

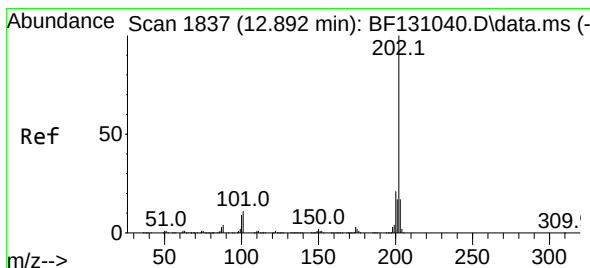
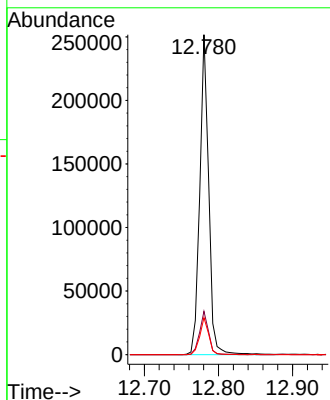
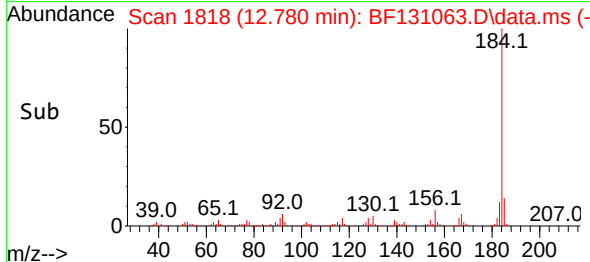
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



Tgt Ion:184 Resp: 209272
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 11.5 10.0 15.0

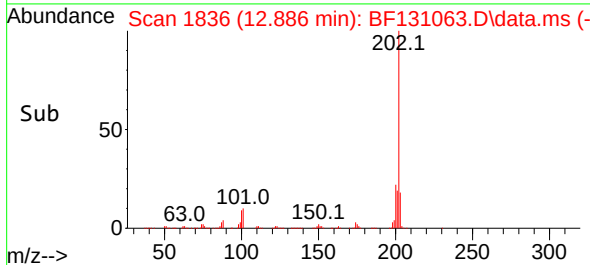
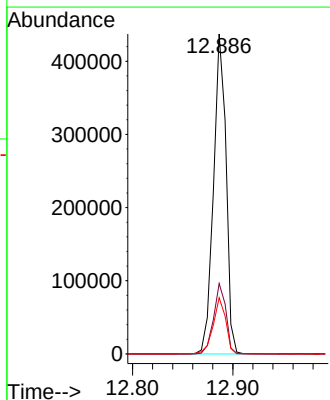
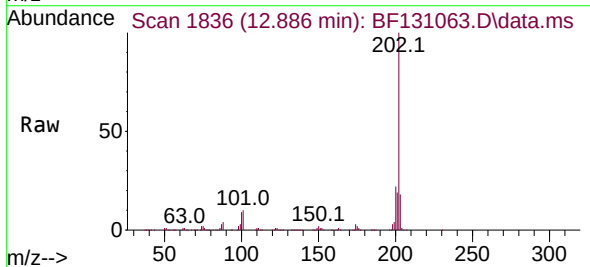
Manual Integrations
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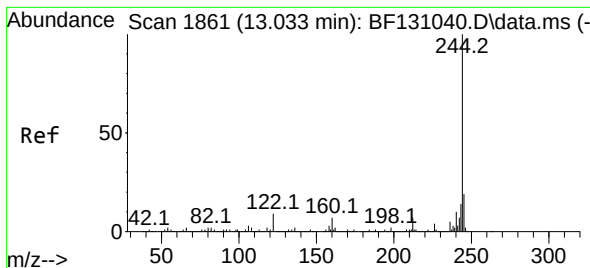
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022



#78
Pyrene
Concen: 36.279 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Tgt Ion:202 Resp: 379675
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 66.260 ng

RT: 13.027 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

SH-1MSD

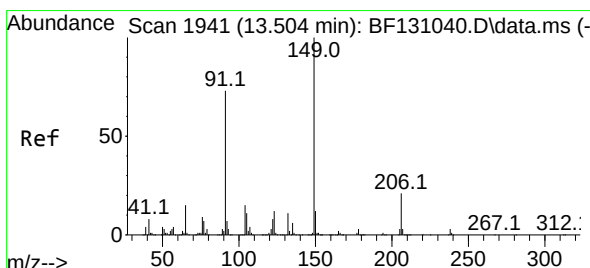
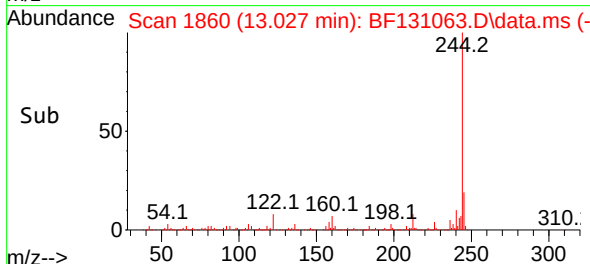
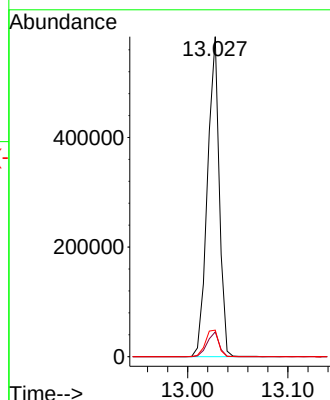
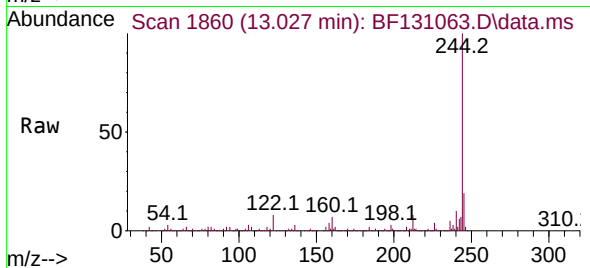
Tgt Ion:244 Resp: 474915

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.3	7.0	10.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 38.626 ng

RT: 13.504 min Scan# 1941

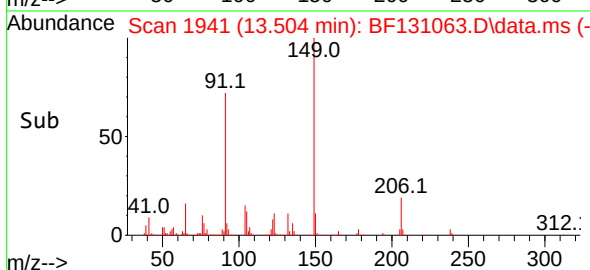
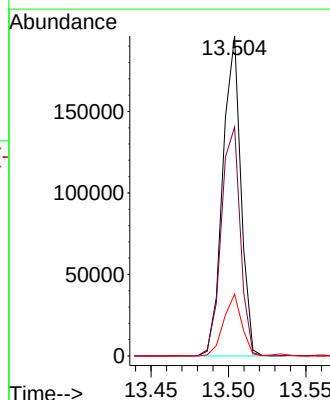
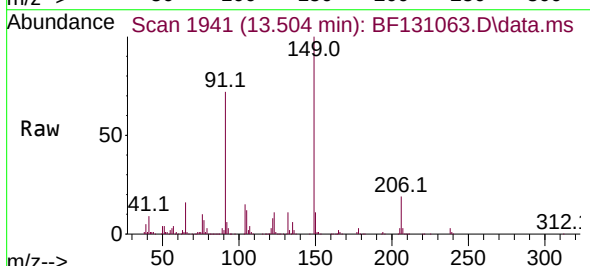
Delta R.T. 0.000 min

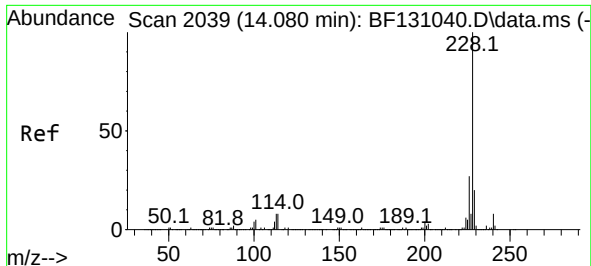
Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Tgt Ion:149 Resp: 159256

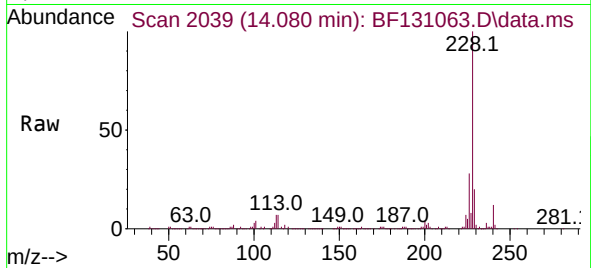
Ion	Ratio	Lower	Upper
149	100		
91	71.5	58.3	87.5
206	19.3	16.5	24.7





#81
Benzo(a)anthracene
Concen: 39.153 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

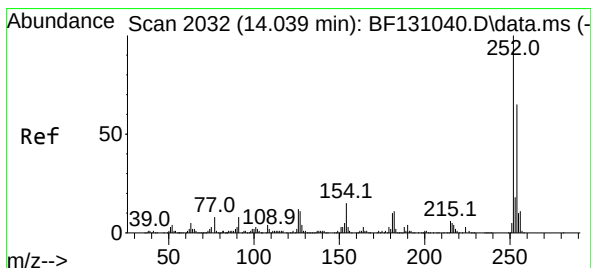
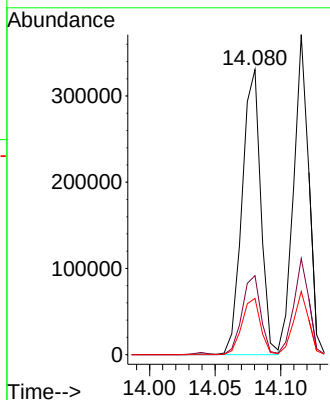
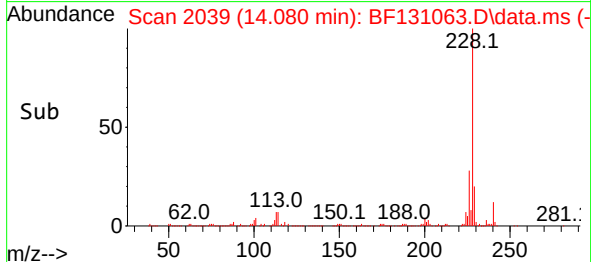
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



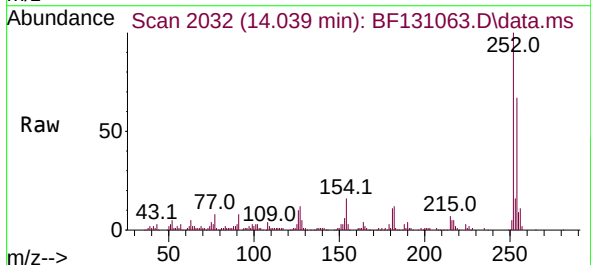
Tgt Ion:228 Resp: 326682
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.8 15.8 23.6

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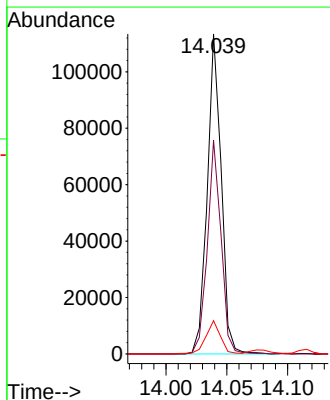
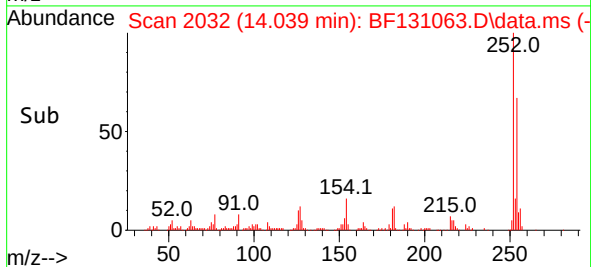
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

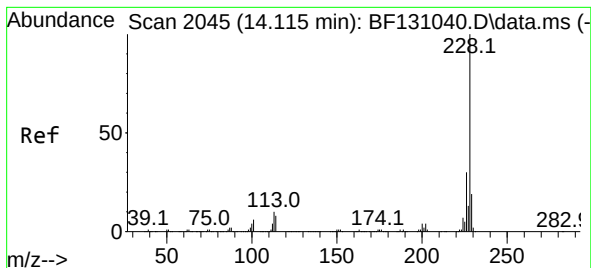


#82
3,3'-Dichlorobenzidine
Concen: 39.924 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:252 Resp: 90521
Ion Ratio Lower Upper
252 100
254 66.8 51.7 77.5
126 10.4 9.2 13.8





#83

Chrysene

Concen: 37.708 ng

RT: 14.116 min Scan# 2045

Delta R.T. 0.001 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

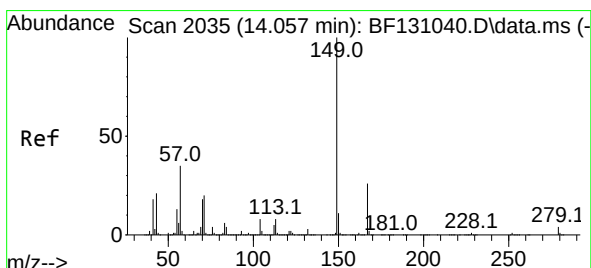
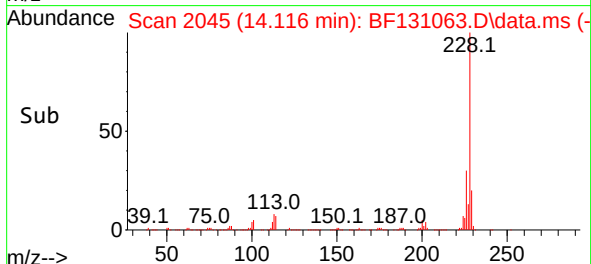
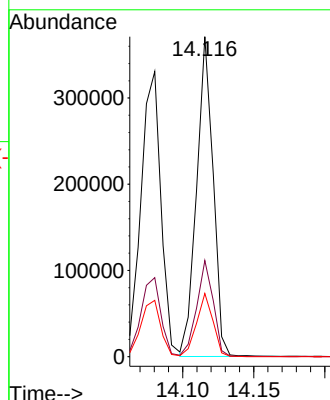
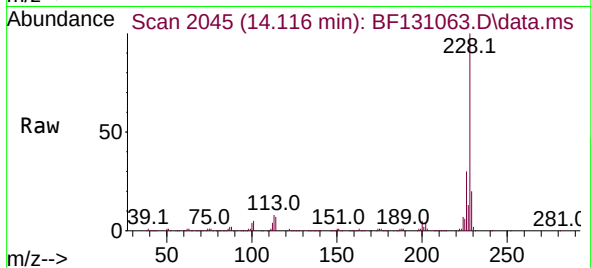
SH-1MSD

Tgt Ion:228 Resp: 298783
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 19.8 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: 45.621 ng

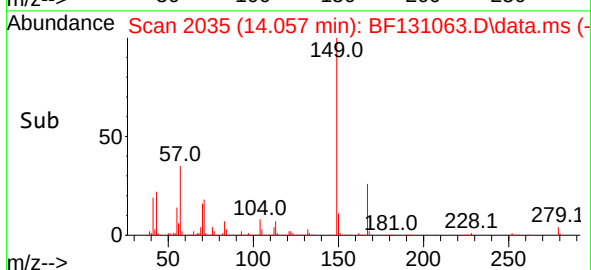
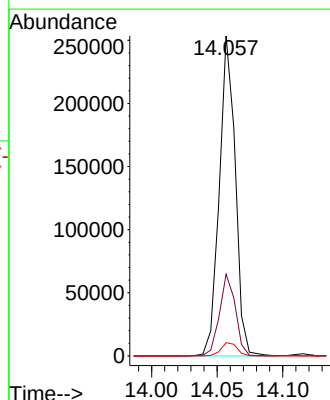
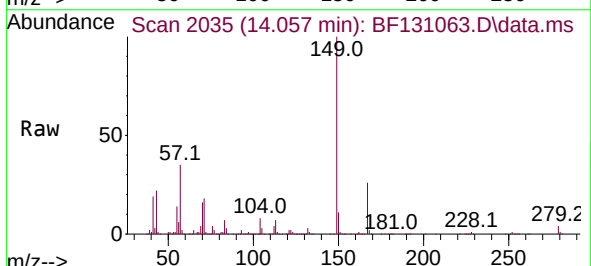
RT: 14.057 min Scan# 2035

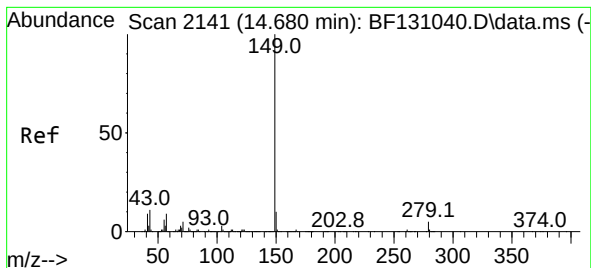
Delta R.T. -0.000 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Tgt Ion:149 Resp: 215488
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.8 31.2
 279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 68.411 ng

RT: 14.674 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

SH-1MSD

Tgt Ion:149 Resp: 460488

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

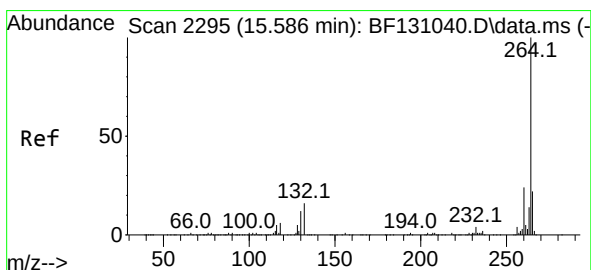
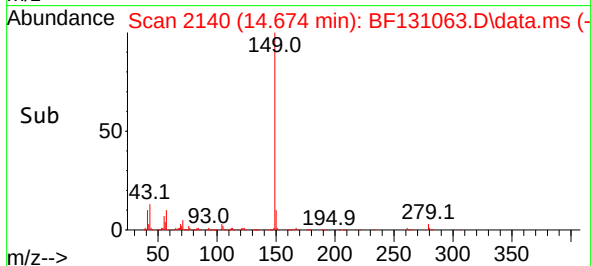
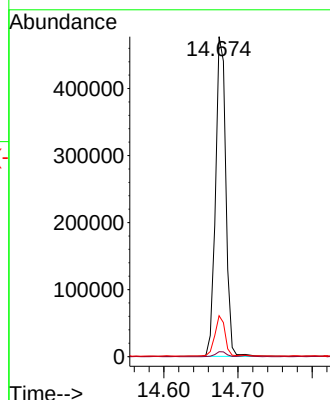
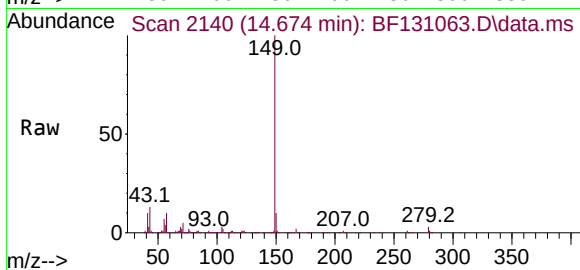
43 12.5 9.5 14.3

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: BF131063.D

Acq: 08 Nov 2022 13:06

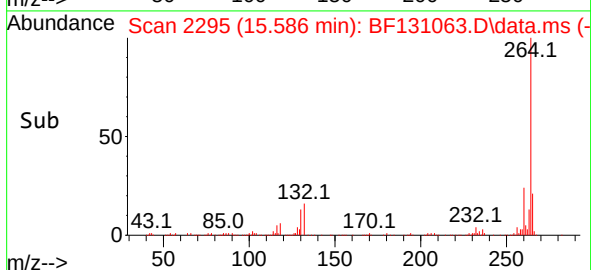
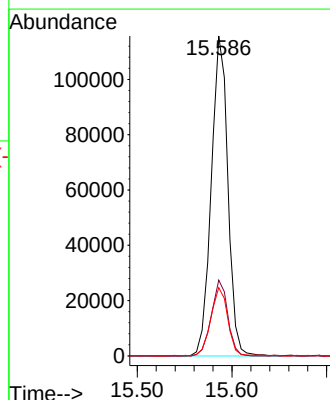
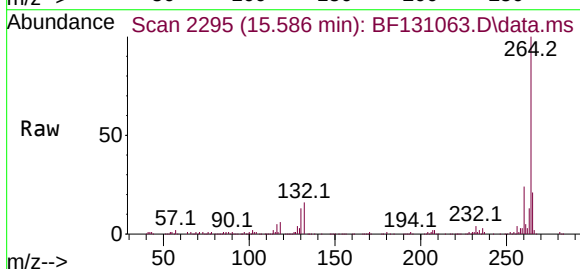
Tgt Ion:264 Resp: 140968

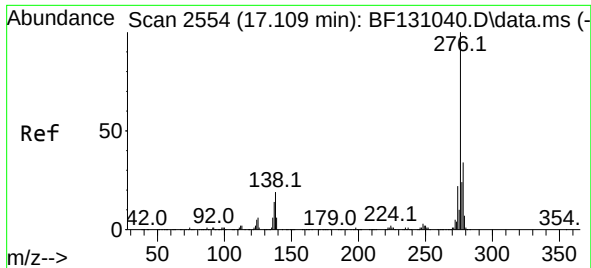
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

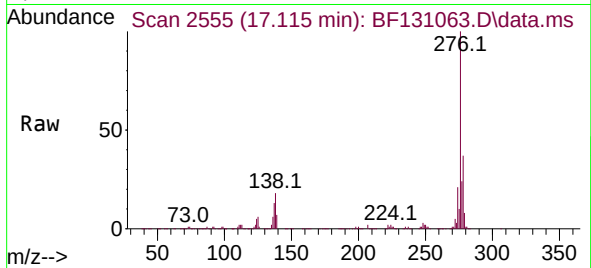
265 21.3 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.955 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

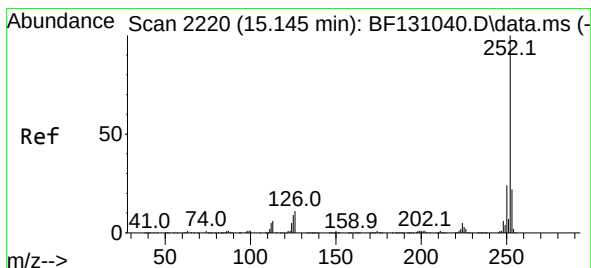
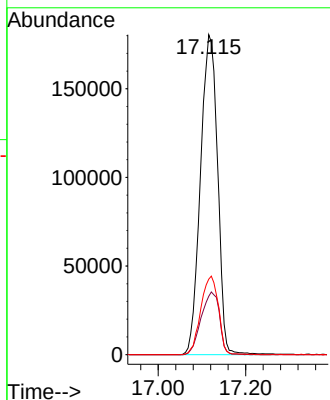
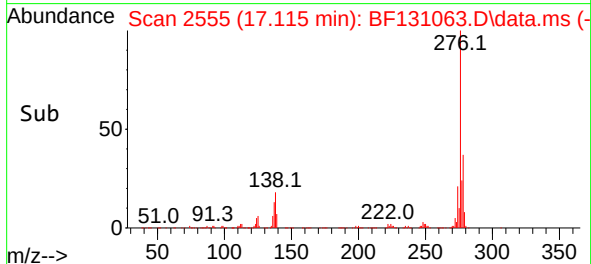
Instrument :
BNA_F
ClientSampleId :
SH-1MSD



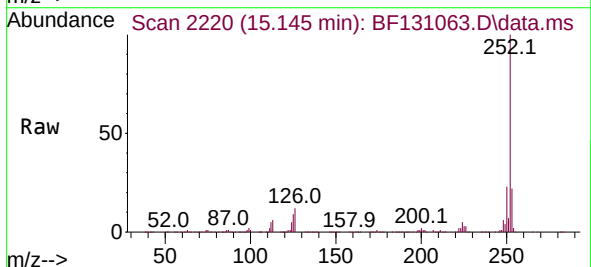
Tgt Ion:276 Resp: 490401
Ion Ratio Lower Upper
276 100
138 20.9 17.3 25.9
277 25.2 20.2 30.4

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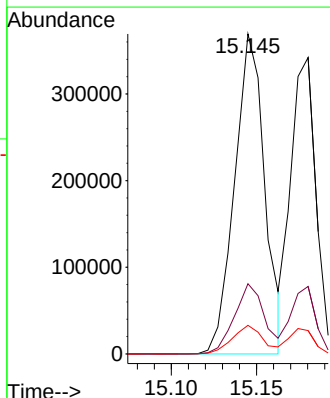
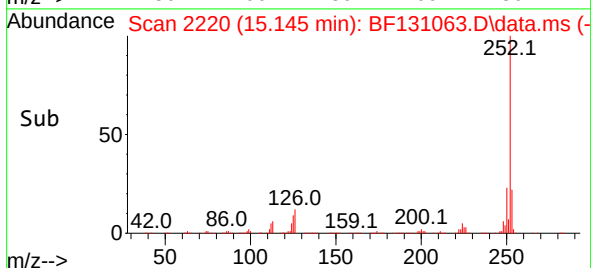
Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

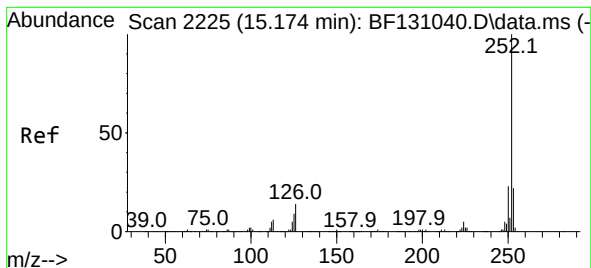


#88
Benzo(b)fluoranthene
Concen: 44.321 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06



Tgt Ion:252 Resp: 454032
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 35.363 ng

RT: 15.180 min Scan# 2225

Delta R.T. 0.006 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

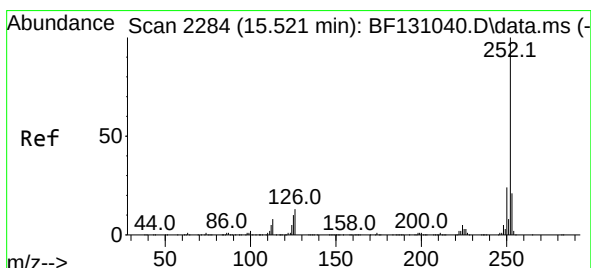
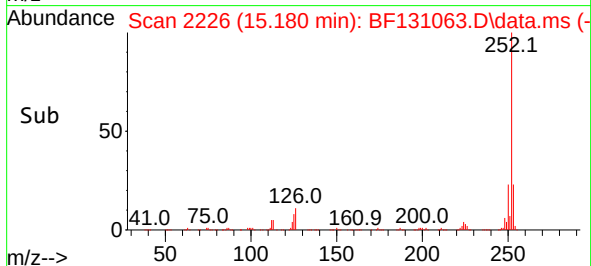
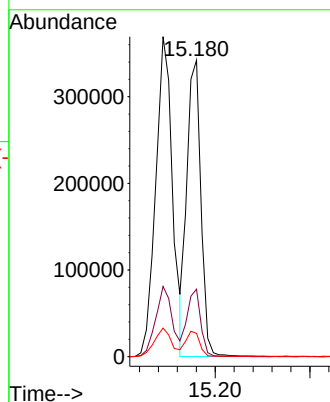
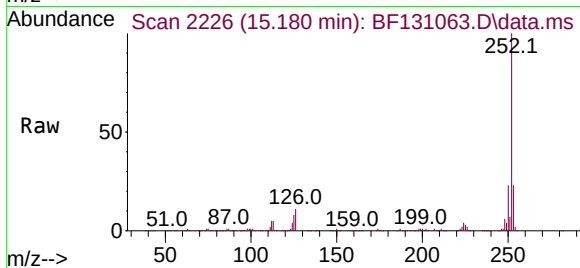
SH-1MSD

Tgt Ion:252 Resp: 352951
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.1 25.7
 125 7.8 7.2 10.8

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 41.612 ng

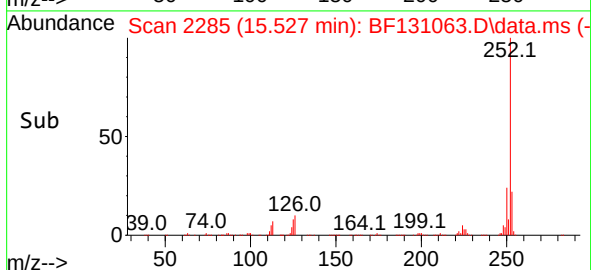
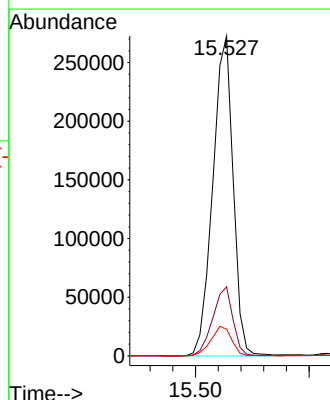
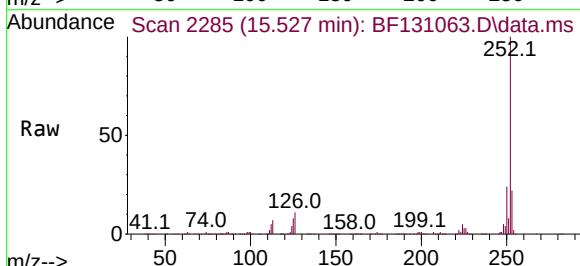
RT: 15.527 min Scan# 2285

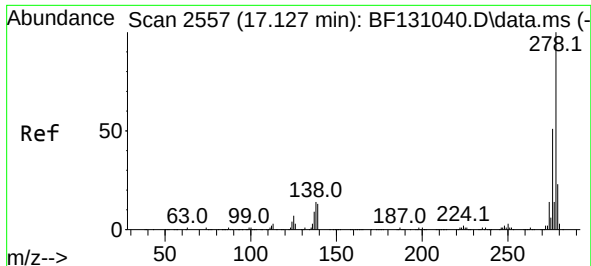
Delta R.T. 0.006 min

Lab File: BF131063.D

Acq: 08 Nov 2022 13:06

Tgt Ion:252 Resp: 338906
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.9 25.3
 125 8.3 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 42.946 ng
RT: 17.133 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Instrument :

BNA_F

ClientSampleId :

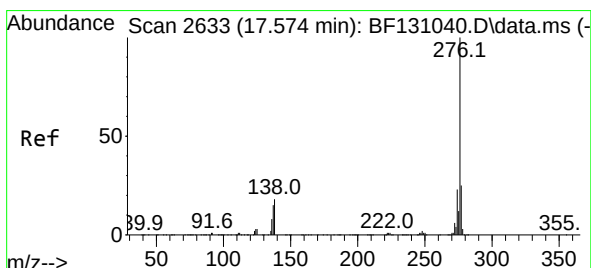
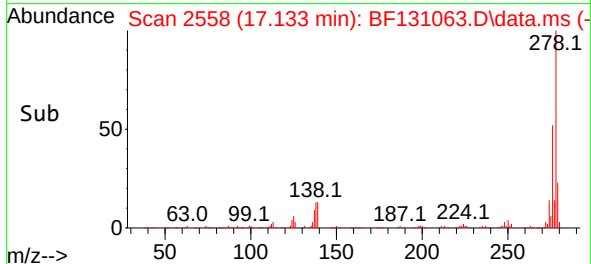
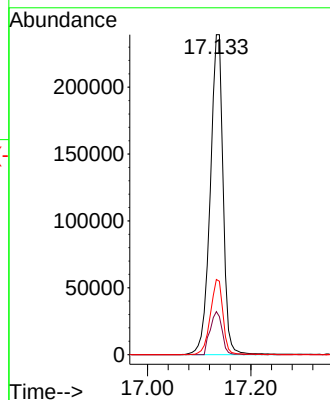
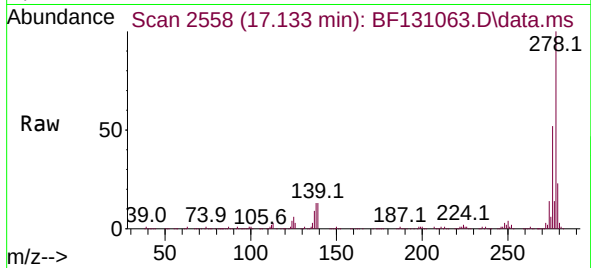
SH-1MSD

Tgt Ion:278 Resp: 412649
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 23.5 18.7 28.1

Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 43.109 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.006 min
Lab File: BF131063.D
Acq: 08 Nov 2022 13:06

Tgt Ion:276 Resp: 422239
Ion Ratio Lower Upper
276 100
277 23.2 20.0 30.0
138 18.1 14.8 22.2

