

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133211.D
 Acq On : 03 May 2023 17:14
 Operator : CG\JU
 Sample : 02583-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 18:09:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	177861	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	740021	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	377177	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	615509	20.000	ng	0.00
76) Chrysene-d12	13.886	240	307937	20.000	ng	0.00
86) Perylene-d12	15.304	264	385313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1111758	94.424	ng	0.00
7) Phenol-d6	6.375	99	1344292	91.986	ng	0.00
23) Nitrobenzene-d5	7.298	82	820312	59.833	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	224722	59.243	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1443874	64.044	ng	0.00
79) Terphenyl-d14	12.833	244	1246147	69.793	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.446	88	247466	45.313	ng	98
3) Pyridine	3.140	79	628031	43.297	ng	97
4) n-Nitrosodimethylamine	3.105	42	349275	46.489	ng	97
6) Aniline	6.393	93	529945	28.155	ng	# 51
8) 2-Chlorophenol	6.516	128	625814	52.349	ng	96
9) Benzaldehyde	6.275	77	336802	58.149	ng	100
10) Phenol	6.387	94	760049	47.143	ng	80
11) bis(2-Chloroethyl)ether	6.469	93	591185	48.866	ng	98
12) 1,3-Dichlorobenzene	6.675	146	644250	50.689	ng	96
13) 1,4-Dichlorobenzene	6.745	146	657209	51.594	ng	99
14) 1,2-Dichlorobenzene	6.898	146	625669	53.277	ng	97
15) Benzyl Alcohol	6.881	79	517842	51.297	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	974536	46.378	ng	95
17) 2-Methylphenol	6.998	107	517068	47.236	ng	99
18) Hexachloroethane	7.245	117	228809	51.666	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	399403	43.900	ng	97
20) 3+4-Methylphenols	7.151	107	616650	47.834	ng	# 75
22) Acetophenone	7.145	105	819216	47.789	ng	98
24) Nitrobenzene	7.316	77	632583	45.534	ng	100
25) Isophorone	7.557	82	1186997	45.600	ng	99
26) 2-Nitrophenol	7.634	139	338306	50.487	ng	94
27) 2,4-Dimethylphenol	7.681	122	569734	49.585	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	716822	46.549	ng	99
29) 2,4-Dichlorophenol	7.881	162	516076	49.338	ng	95
30) 1,2,4-Trichlorobenzene	7.957	180	538109	49.657	ng	98
31) Naphthalene	8.040	128	1725966	46.649	ng	99
33) 4-Chloroaniline	8.087	127	378188	25.299	ng	99
34) Hexachlorobutadiene	8.157	225	294068	48.962	ng	98
35) Caprolactam	8.445	113	148121m	42.153	ng	
36) 4-Chloro-3-methylphenol	8.581	107	547520	48.540	ng	96
37) 2-Methylnaphthalene	8.728	142	1159229	45.828	ng	99
38) 1-Methylnaphthalene	8.828	142	1084783	45.843	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	487660	48.087	ng	99
41) Hexachlorocyclopentadiene	8.887	237	437212	73.923	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	287078	40.933	ng	98
44) 2,4,5-Trichlorophenol	9.051	196	298181	36.762	ng	99

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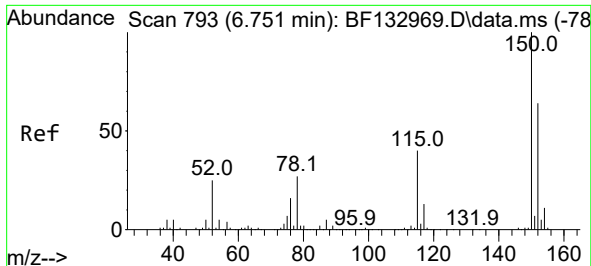
Quant Time: May 03 18:09:13 2023
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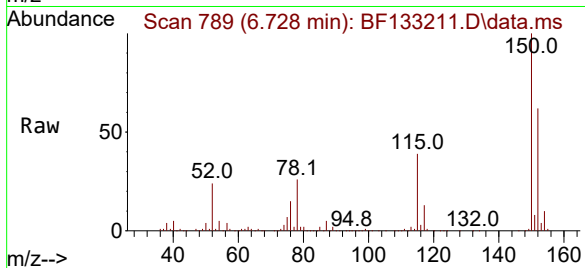
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.192	154	1417230	47.386	ng	99
47) 2-Chloronaphthalene	9.216	162	1069576	48.859	ng	99
48) 2-Nitroaniline	9.316	65	353652	48.882	ng	94
49) Acenaphthylene	9.634	152	1654188	47.292	ng	100
50) Dimethylphthalate	9.498	163	1271914	48.362	ng	100
51) 2,6-Dinitrotoluene	9.557	165	292019	49.333	ng	93
52) Acenaphthene	9.804	154	1016040	43.371	ng	99
53) 3-Nitroaniline	9.722	138	251549	35.740	ng	95
54) 2,4-Dinitrophenol	9.834	184	2363	0.794	ng	96
55) Dibenzofuran	9.975	168	1488589	46.582	ng	98
56) 4-Nitrophenol	9.892	139	308641	56.618	ng	99
57) 2,4-Dinitrotoluene	9.957	165	382880	50.720	ng	96
58) Fluorene	10.316	166	1072589	45.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	161610	25.700	ng	99
60) Diethylphthalate	10.192	149	1209433	48.685	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	524010	45.928	ng	99
62) 4-Nitroaniline	10.339	138	330056	51.022	ng	95
63) Azobenzene	10.469	77	1237939	47.042	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	10838	2.905	ng	76
66) n-Nitrosodiphenylamine	10.428	169	1014616	50.818	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	337402	50.543	ng	98
68) Hexachlorobenzene	10.863	284	351338	51.363	ng	# 93
69) Atrazine	10.957	200	324163	56.347	ng	98
70) Pentachlorophenol	11.057	266	74559	15.305	ng	98
71) Phenanthrene	11.275	178	1575954	47.638	ng	100
72) Anthracene	11.328	178	1594760	47.105	ng	99
73) Carbazole	11.480	167	1424579	47.256	ng	99
74) Di-n-butylphthalate	11.816	149	1779104	52.150	ng	99
75) Fluoranthene	12.457	202	1389228	41.843	ng	99
77) Benzidine	12.580	184	513908	98.688	ng	# 93
78) Pyrene	12.686	202	1347310	51.040	ng	98
80) Butylbenzylphthalate	13.310	149	573915	61.404	ng	95
81) Benzo(a)anthracene	13.874	228	1017054	48.029	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	235286	40.221	ng	98
83) Chrysene	13.910	228	1021672	48.259	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	672952	57.362	ng	99
85) Di-n-octyl phthalate	14.486	149	1289189	67.394	ng	99
87) Indeno(1,2,3-cd)pyrene	16.686	276	1118164	51.017	ng	99
88) Benzo(b)fluoranthene	14.904	252	1205798	49.190	ng	99
89) Benzo(k)fluoranthene	14.927	252	1084032	44.611	ng	98
90) Benzo(a)pyrene	15.251	252	1035497	46.410	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	942718	51.570	ng	99
92) Benzo(g,h,i)perylene	17.104	276	846814	46.922	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

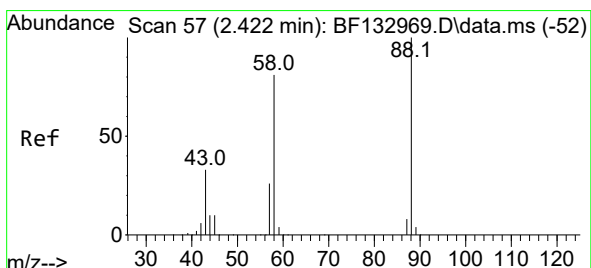
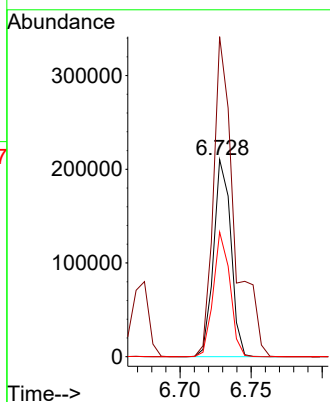
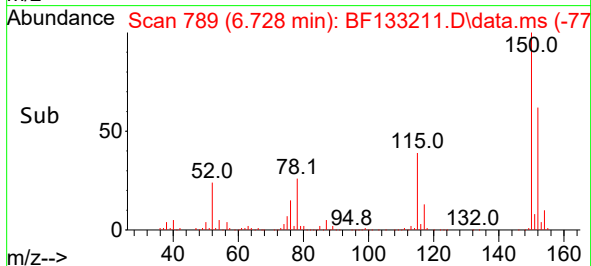
Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD



Tgt Ion:152 Resp: 17786
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.8 187.2
 115 63.2 49.9 74.9

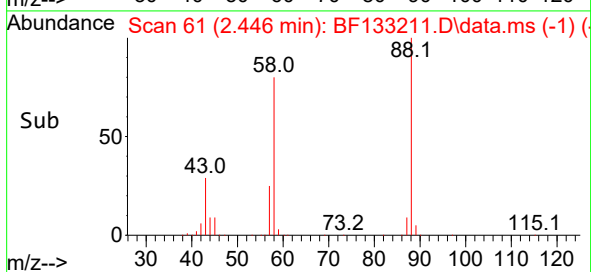
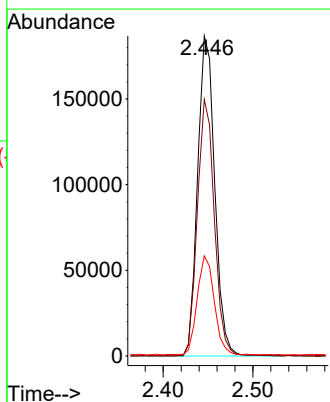
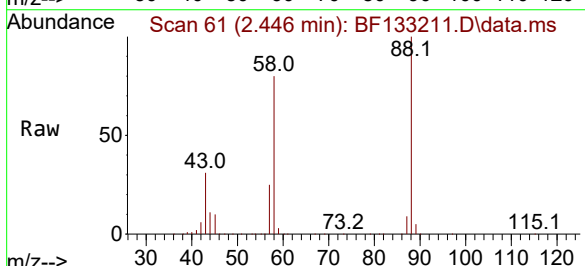
Manual Integrations
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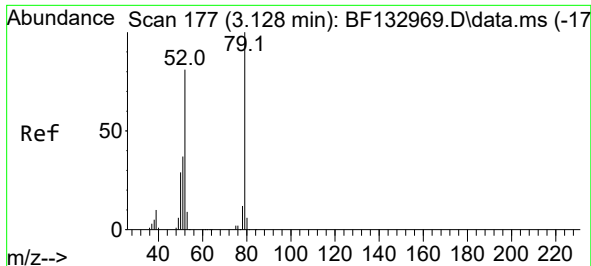
Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#2
 1,4-Dioxane
 Concen: 45.313 ng
 RT: 2.446 min Scan# 61
 Delta R.T. 0.070 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

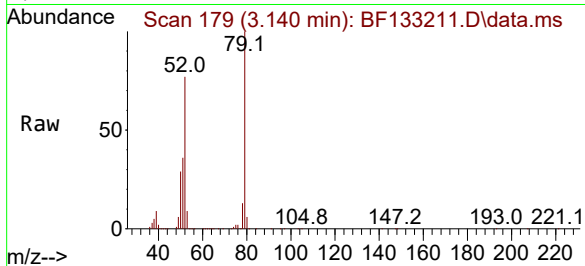
Tgt Ion: 88 Resp: 247466
 Ion Ratio Lower Upper
 88 100
 58 79.9 64.7 97.1
 43 30.7 26.2 39.2





#3
Pyridine
Concen: 43.297 ng
RT: 3.140 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

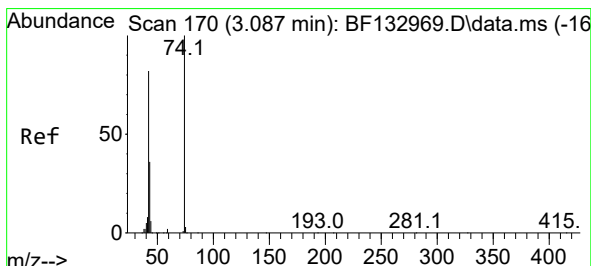
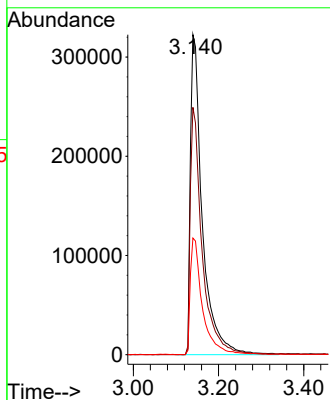
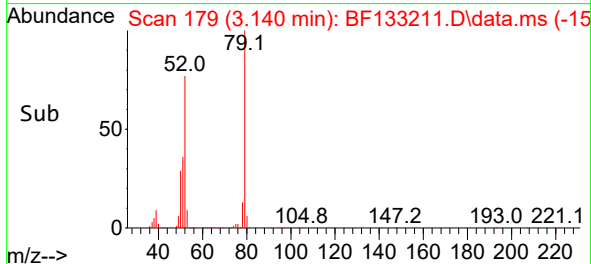
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion: 79 Resp: 62803
Ion Ratio Lower Upper
79 100
52 77.3 64.6 96.8
51 36.4 30.0 45.0

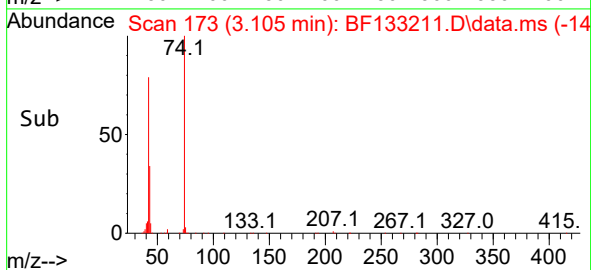
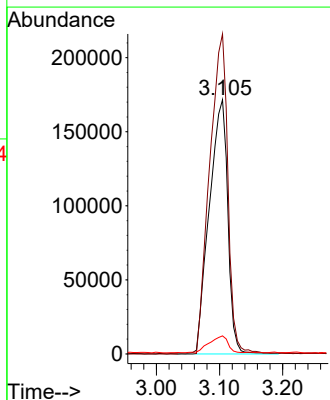
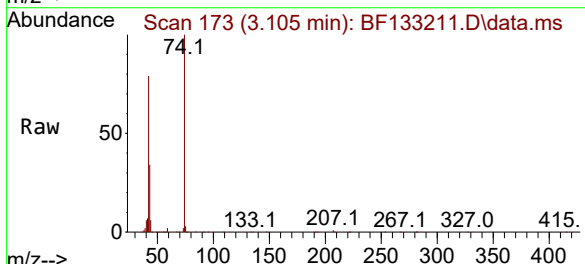
Manual Integrations
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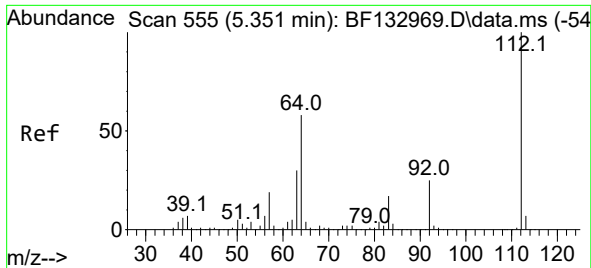
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#4
n-Nitrosodimethylamine
Concen: 46.489 ng
RT: 3.105 min Scan# 173
Delta R.T. 0.070 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 42 Resp: 349275
Ion Ratio Lower Upper
42 100
74 125.8 98.0 147.0
44 7.1 5.8 8.8





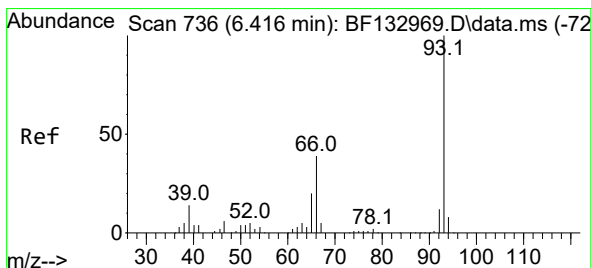
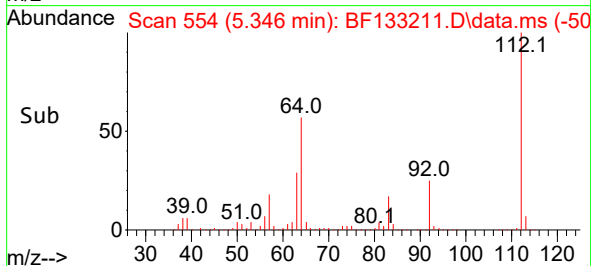
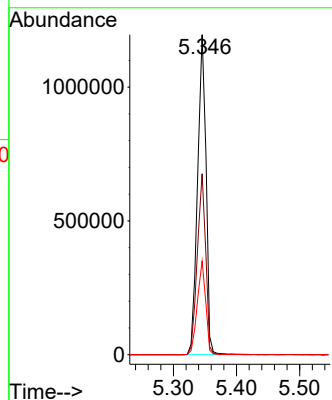
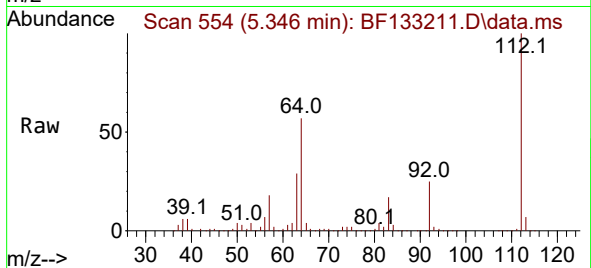
#5
2-Fluorophenol
Concen: 94.424 ng
RT: 5.346 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Instrument :
BNA_F
ClientSampleId :
CF-24MSD

Tgt Ion:112 Resp: 1111758
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 29.2 23.8 35.8

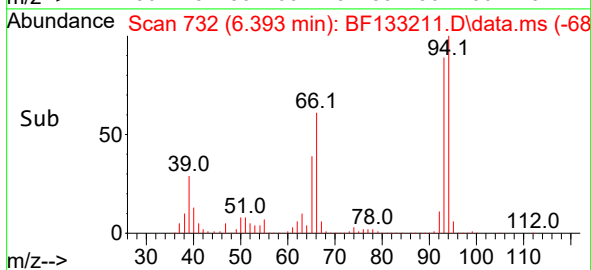
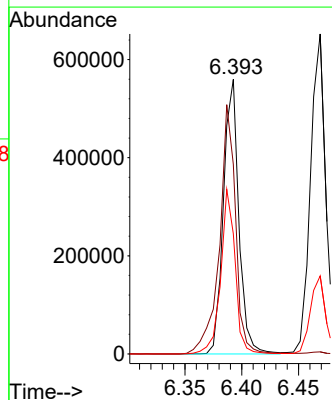
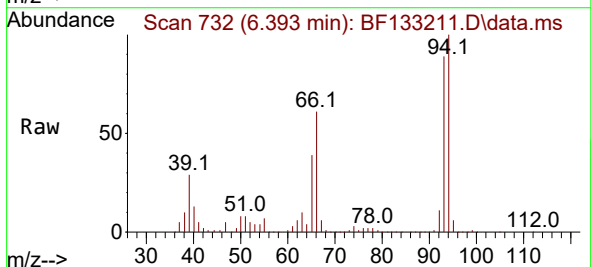
Manual Integrations
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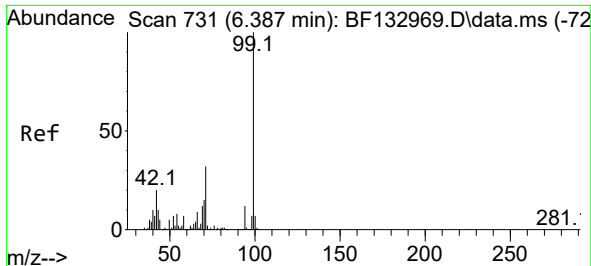
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#6
Aniline
Concen: 28.155 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 93 Resp: 529945
Ion Ratio Lower Upper
93 100
66 69.0 31.5 47.3#
65 43.8 16.4 24.6#





#7

Phenol-d6

Concen: 91.986 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion: 99 Resp: 134429

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

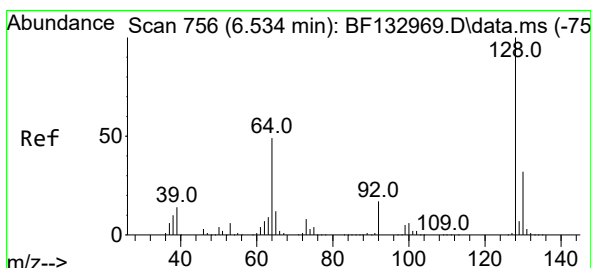
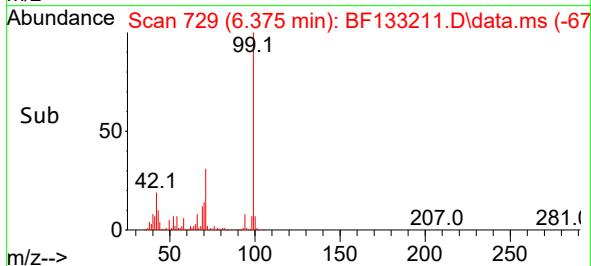
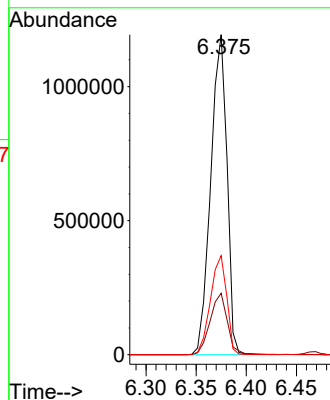
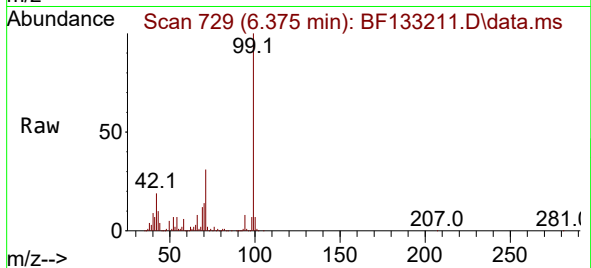
71 31.0 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 52.349 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

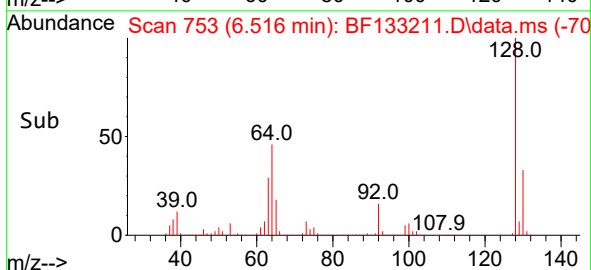
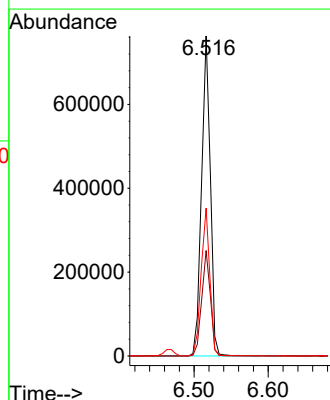
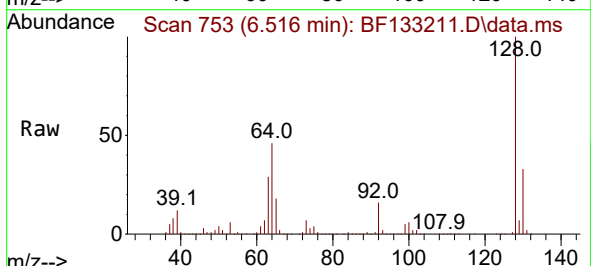
Tgt Ion:128 Resp: 625814

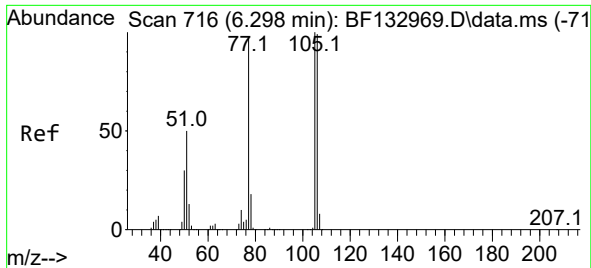
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

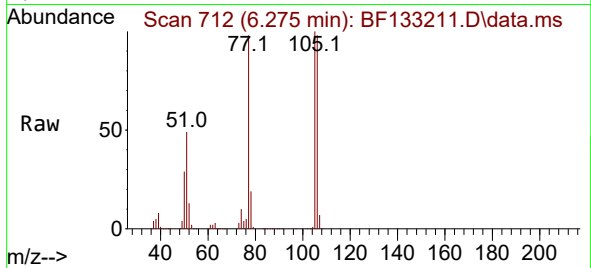
64 46.2 30.3 70.3





#9
Benzaldehyde
Concen: 58.149 ng
RT: 6.275 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

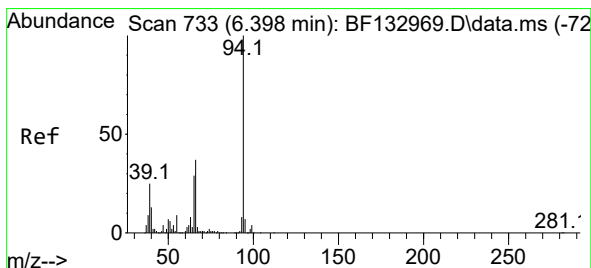
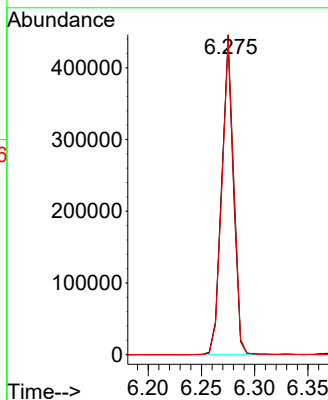
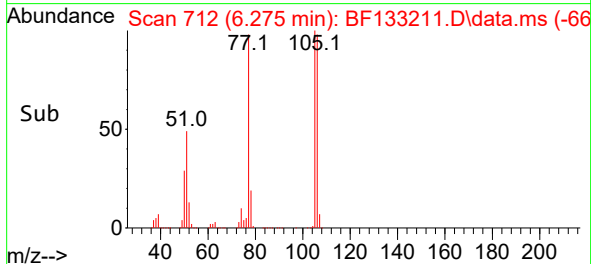
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



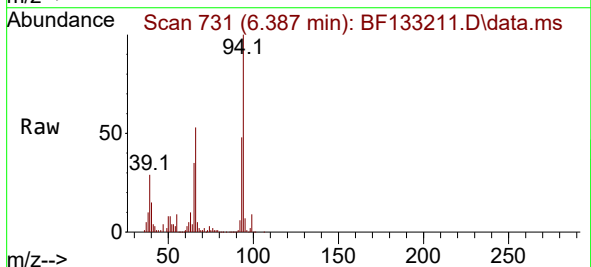
Tgt Ion: 77 Resp: 336802
Ion Ratio Lower Upper
77 100
105 102.4 82.3 122.3
106 100.1 80.8 120.8

Manual Integrations
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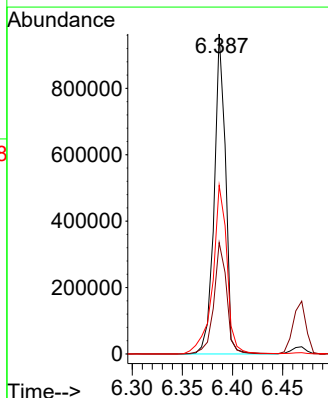
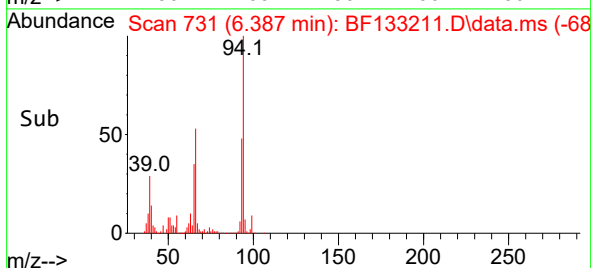
Reviewed By :Christian Giraldo 05/04/2023
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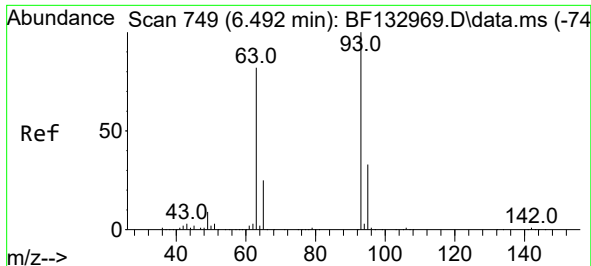


#10
Phenol
Concen: 47.143 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



Tgt Ion: 94 Resp: 760049
Ion Ratio Lower Upper
94 100
65 34.8 8.6 48.6
66 52.7 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 48.866 ng

RT: 6.469 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

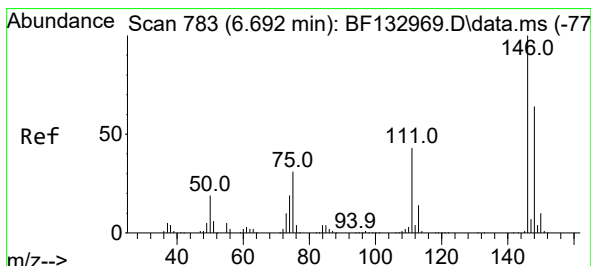
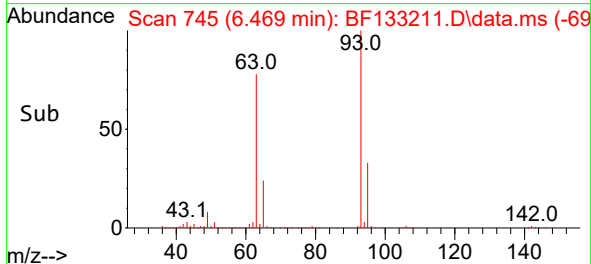
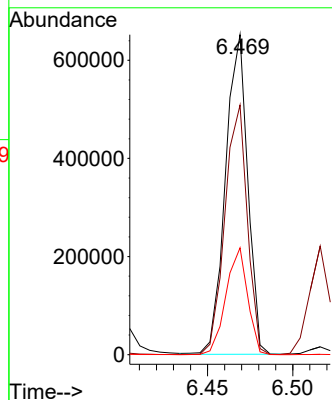
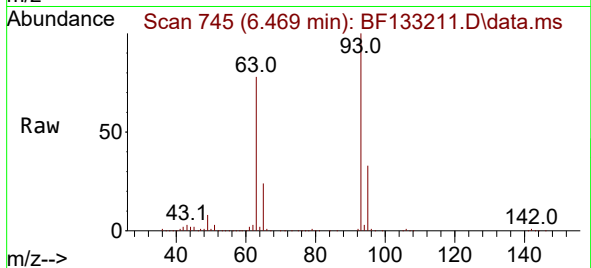
CF-24MSD

Tgt Ion:	93	Resp:	59118
Ion	Ratio	Lower	Upper
93	100		
63	78.0	60.6	100.6
95	33.4	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12

1,3-Dichlorobenzene

Concen: 50.689 ng

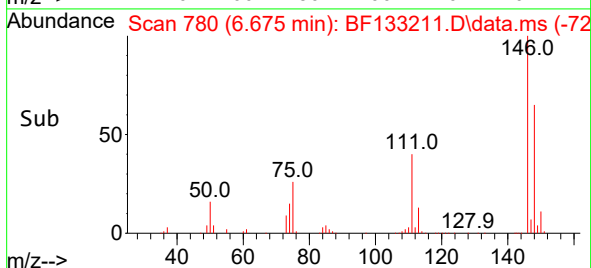
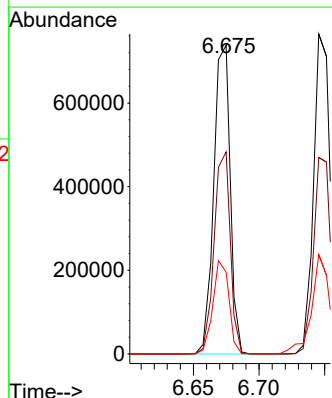
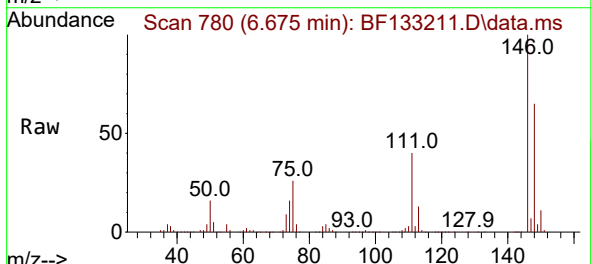
RT: 6.675 min Scan# 780

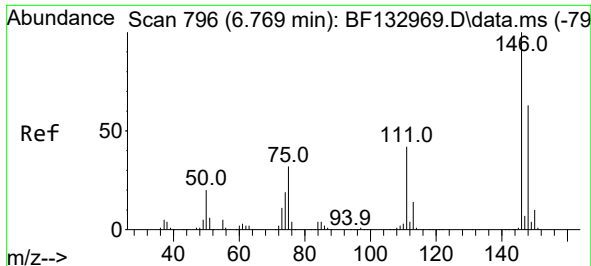
Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Tgt Ion:	146	Resp:	644250
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.4
75	26.5	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 51.594 ng

RT: 6.745 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion:146 Resp: 657209

Ion Ratio Lower Upper

146 100

148 61.4 50.3 75.5

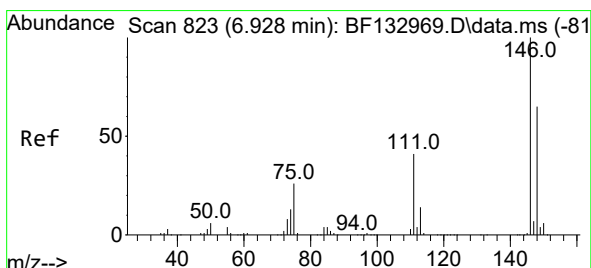
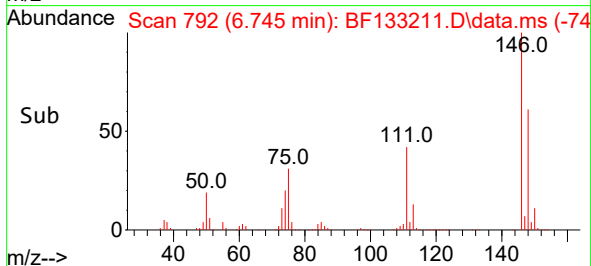
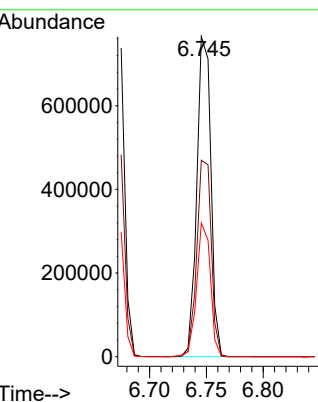
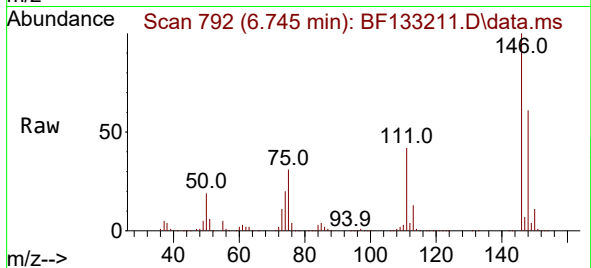
111 41.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#14

1,2-Dichlorobenzene

Concen: 53.277 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

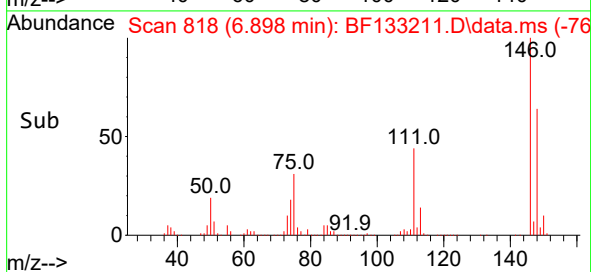
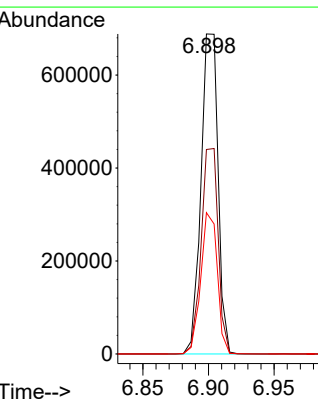
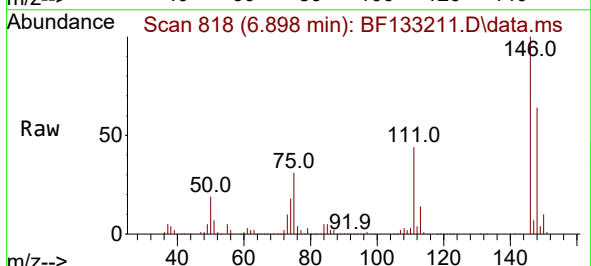
Tgt Ion:146 Resp: 625669

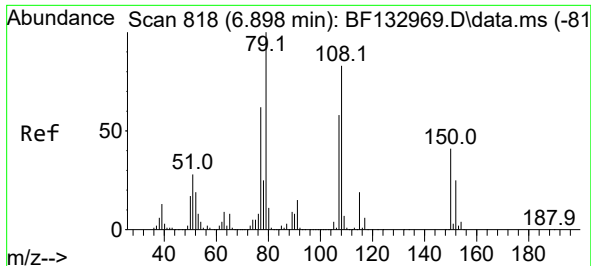
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 44.2 32.8 49.2





#15

Benzyl Alcohol

Concen: 51.297 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion: 79 Resp: 51784

Ion Ratio Lower Upper

79 100

108 85.4 66.6 99.8

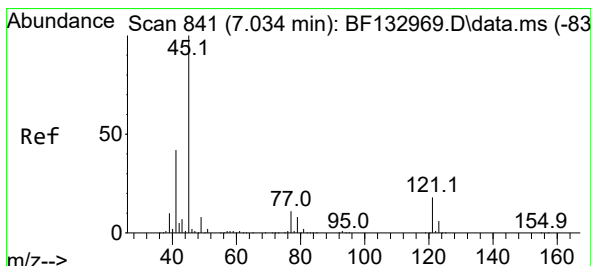
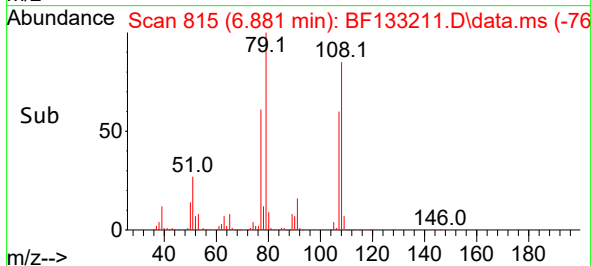
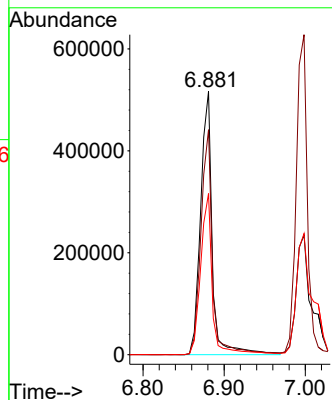
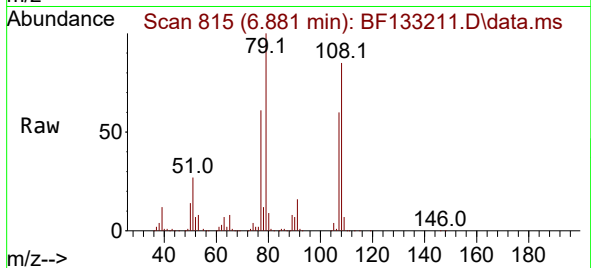
77 61.2 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.378 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

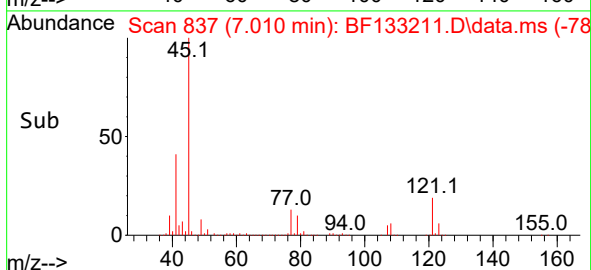
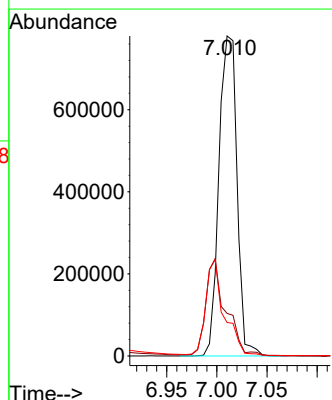
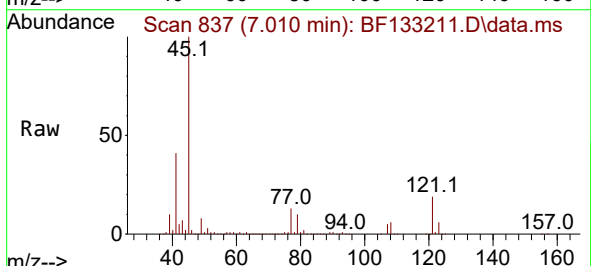
Tgt Ion: 45 Resp: 974536

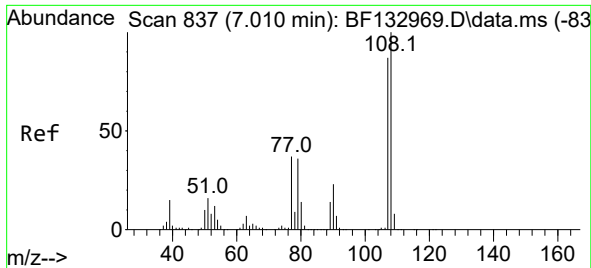
Ion Ratio Lower Upper

45 100

77 13.3 0.0 31.5

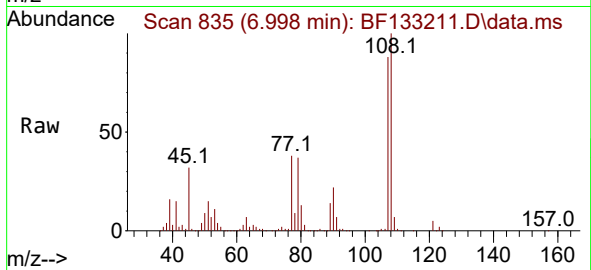
79 10.5 0.0 28.7





#17
2-Methylphenol
Concen: 47.236 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

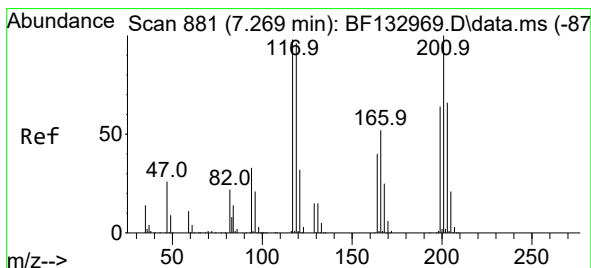
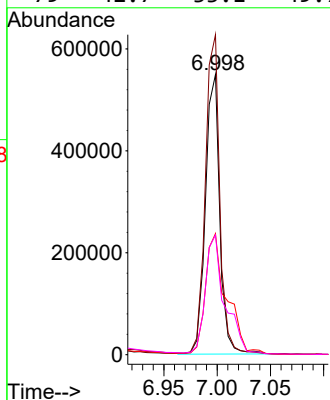
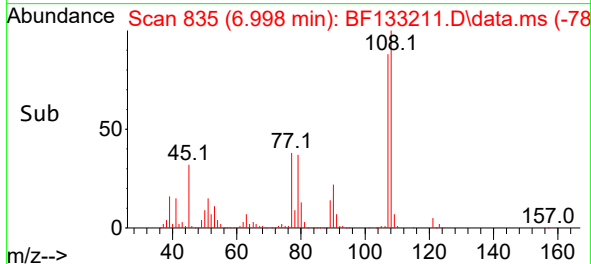
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:	107	Resp:	51706
Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.4	138.6
77	43.2	33.8	50.8
79	42.7	33.1	49.7

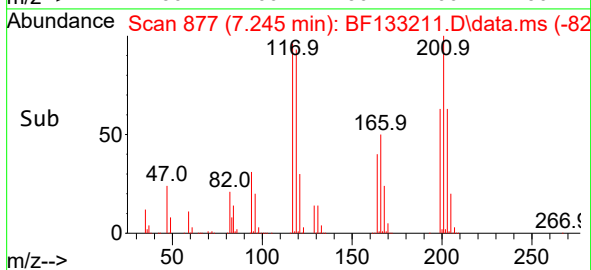
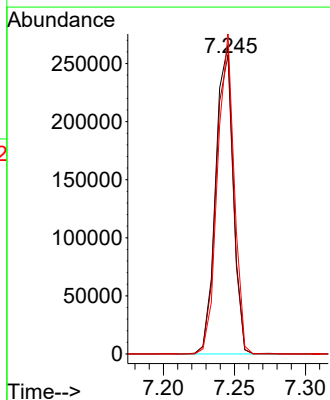
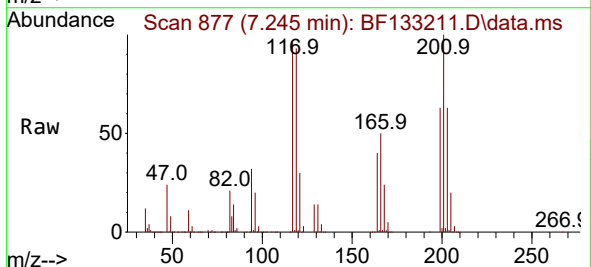
Manual Integrations
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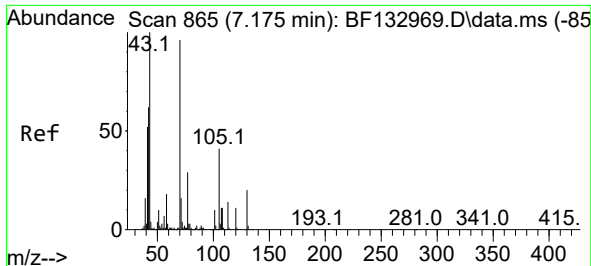
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#18
Hexachloroethane
Concen: 51.666 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:	117	Resp:	228809
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.4
201	103.7	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.900 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF133211.D

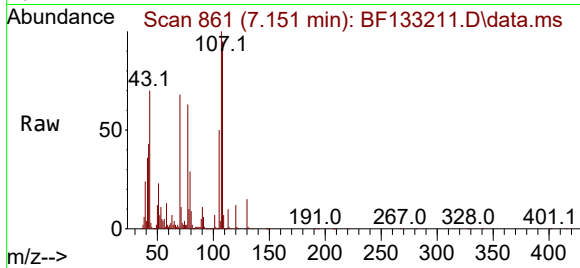
Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD



Tgt Ion: 70 Resp: 39940

Ion Ratio Lower Upper

70 100

42 62.3 51.8 77.6

101 10.5 8.0 12.0

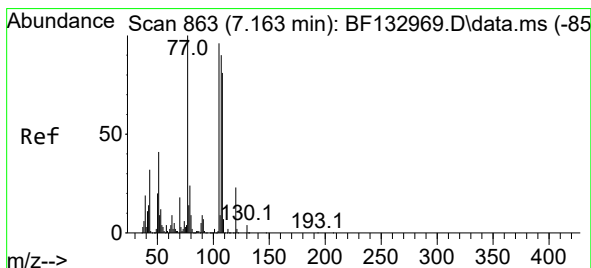
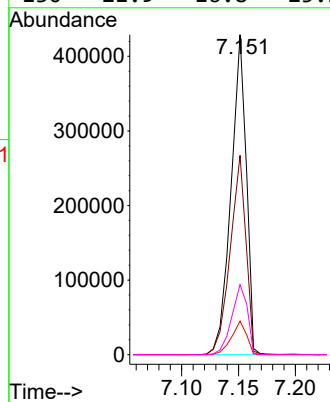
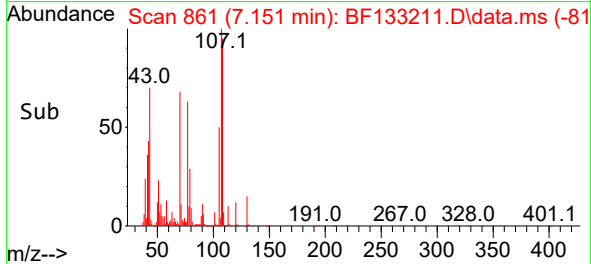
130 21.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#20

3+4-Methylphenols

Concen: 47.834 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Tgt Ion:107 Resp: 616650

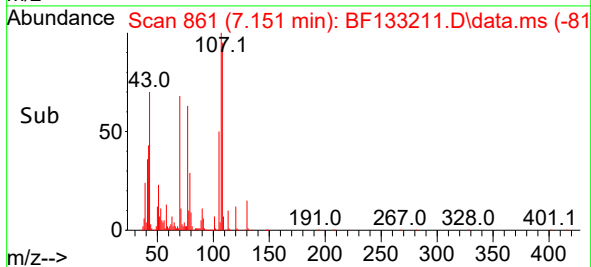
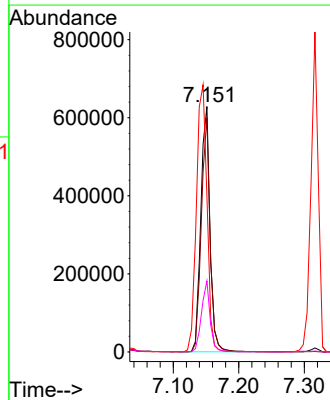
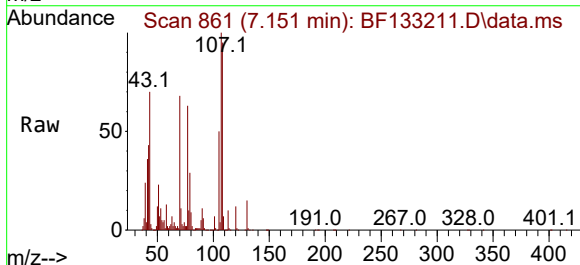
Ion Ratio Lower Upper

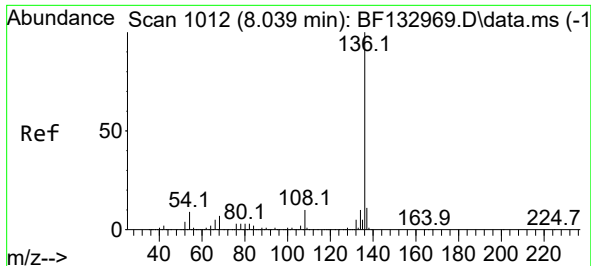
107 100

108 95.5 70.5 110.5

77 63.4 91.7 131.7#

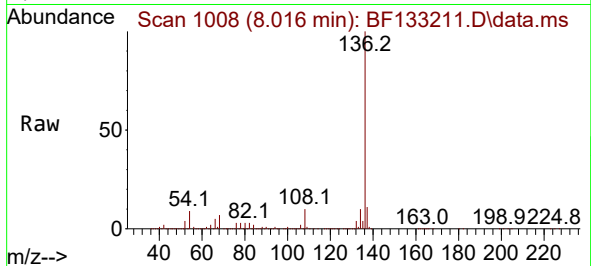
79 28.9 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

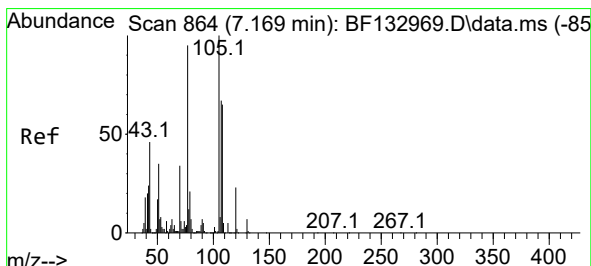
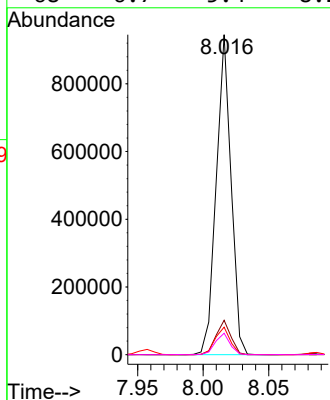
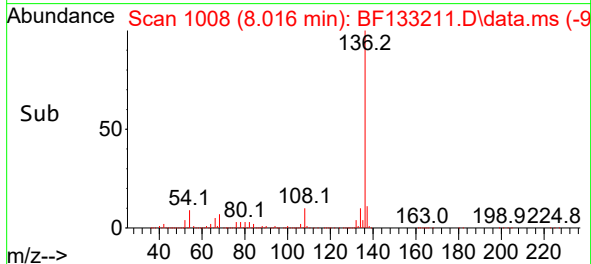
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:136 Resp: 740021
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.0 10.4
68 6.7 5.4 8.2

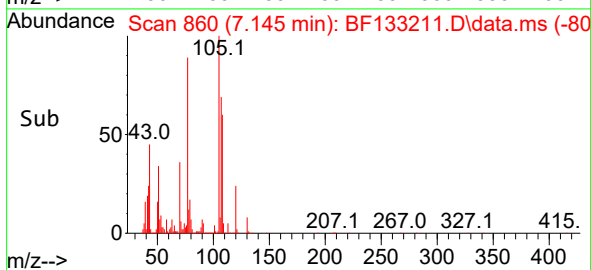
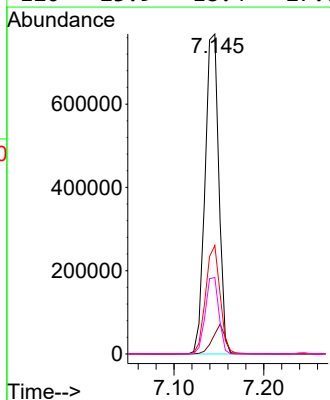
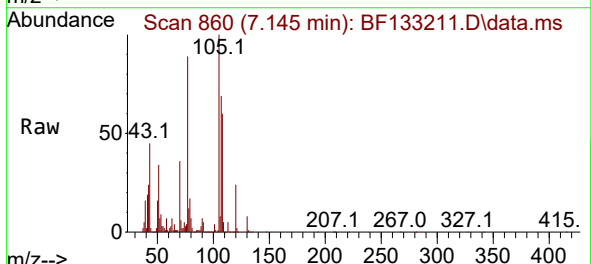
Manual Integrations
APPROVED

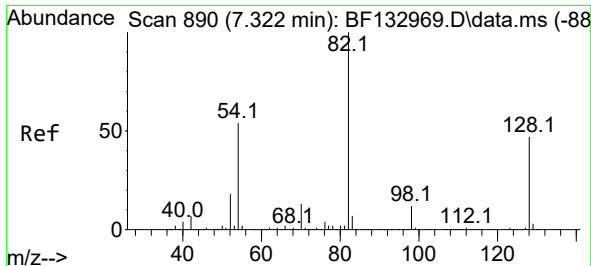
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Acetophenone
Concen: 47.789 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:105 Resp: 819216
Ion Ratio Lower Upper
105 100
71 6.3 4.6 7.0
51 33.9 28.2 42.2
120 23.9 18.4 27.6





#23

Nitrobenzene-d5

Concen: 59.833 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion: 82 Resp: 820312

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

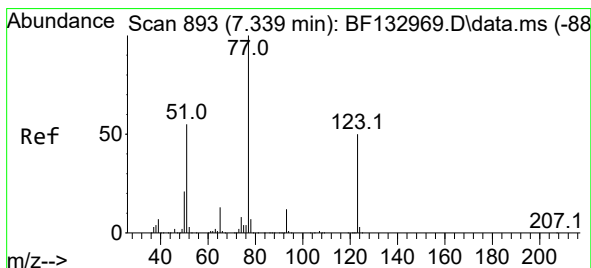
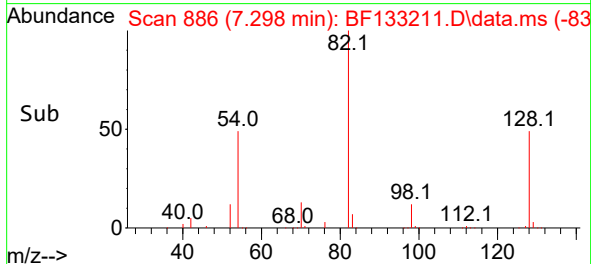
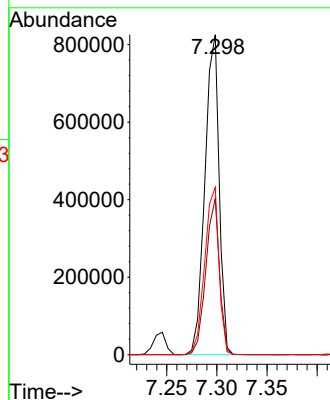
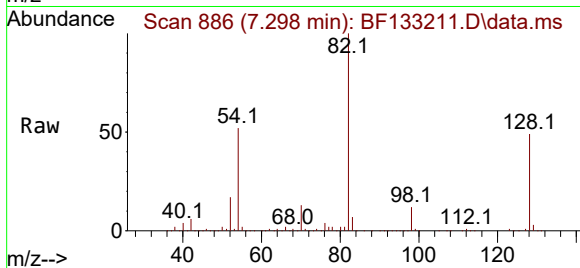
54 52.3 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#24

Nitrobenzene

Concen: 45.534 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

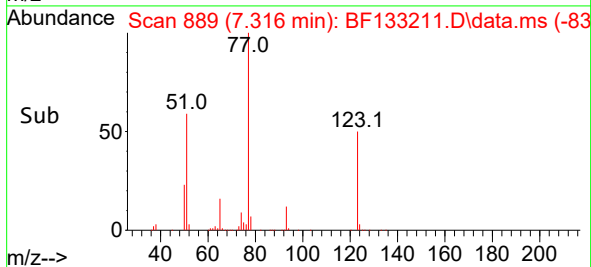
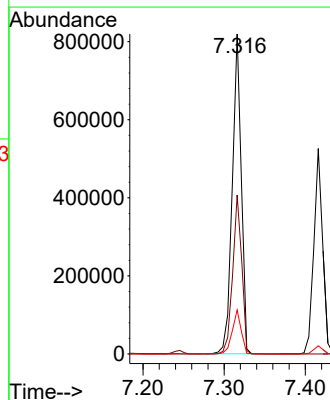
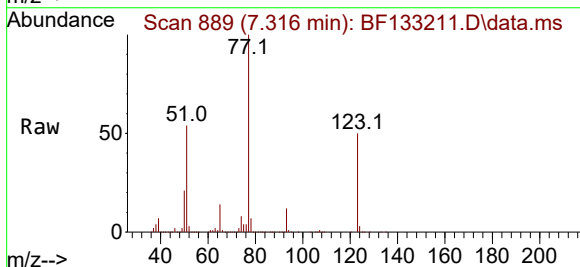
Tgt Ion: 77 Resp: 632583

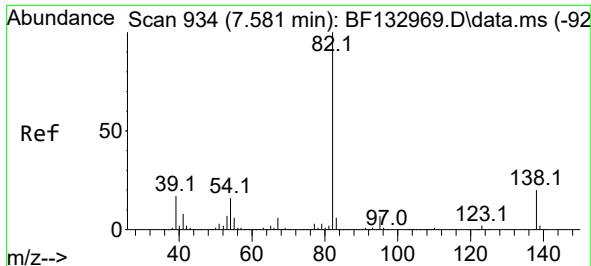
Ion Ratio Lower Upper

77 100

123 49.6 39.9 59.9

65 13.8 10.7 16.1





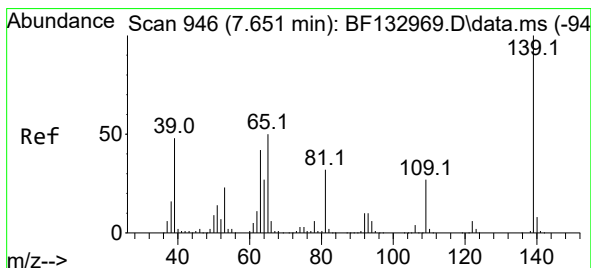
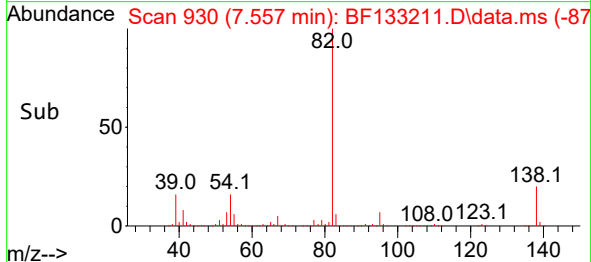
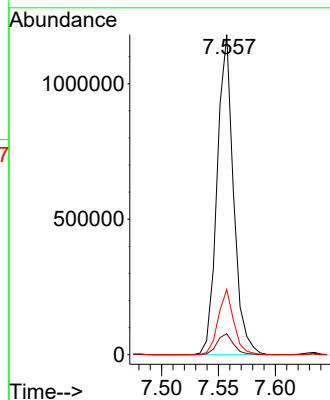
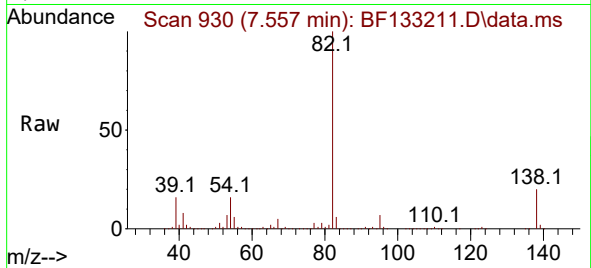
#25
Isophorone
Concen: 45.600 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Instrument :
BNA_F
ClientSampleId :
CF-24MSD

Tgt Ion: 82 Resp: 118699
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 20.3 16.0 24.0

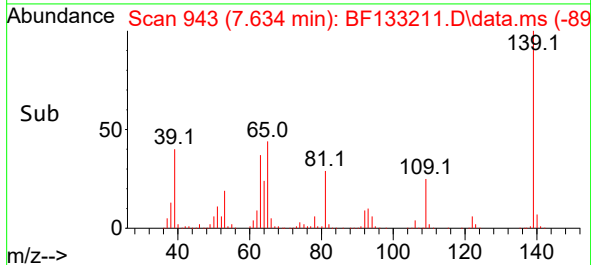
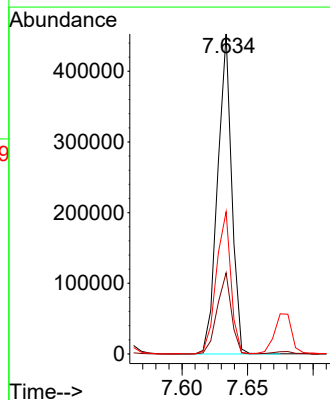
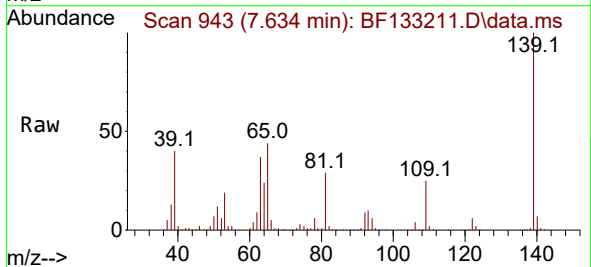
Manual Integrations
APPROVED

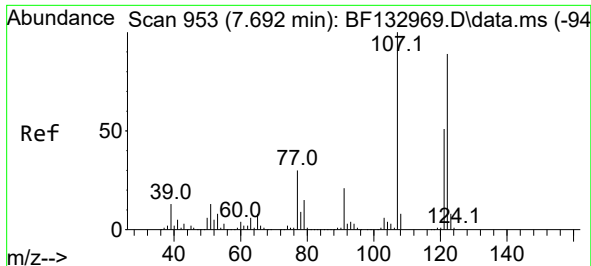
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
2-Nitrophenol
Concen: 50.487 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:139 Resp: 338306
Ion Ratio Lower Upper
139 100
109 25.3 21.6 32.4
65 44.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 49.585 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

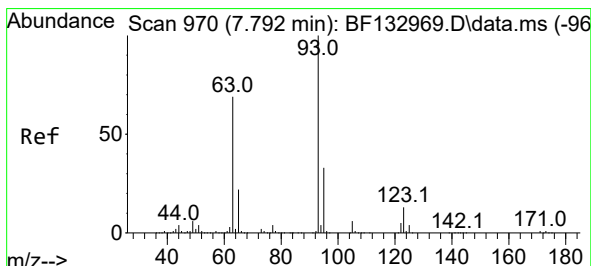
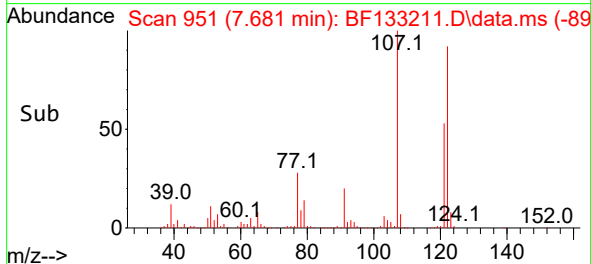
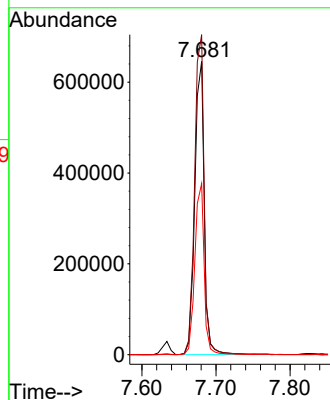
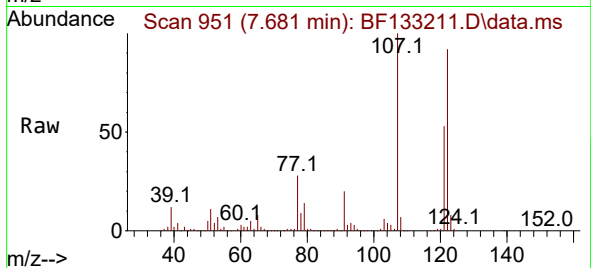
CF-24MSD

Tgt Ion:122 Resp: 569734
 Ion Ratio Lower Upper
 122 100
 107 109.2 89.7 134.5
 121 58.3 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.549 ng

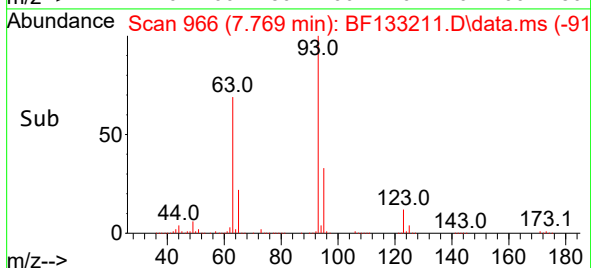
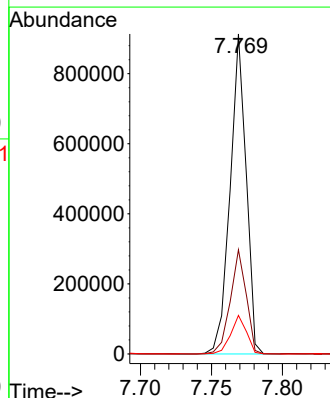
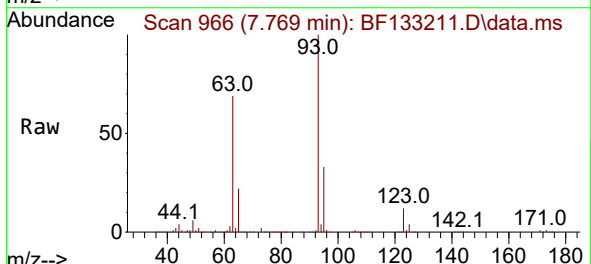
RT: 7.769 min Scan# 966

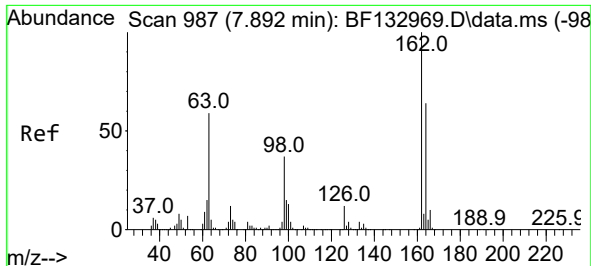
Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Tgt Ion: 93 Resp: 716822
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.4 39.6
 123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 49.338 ng

RT: 7.881 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

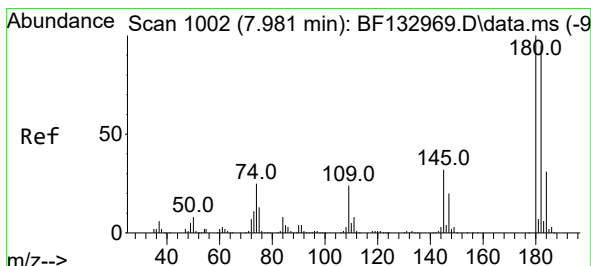
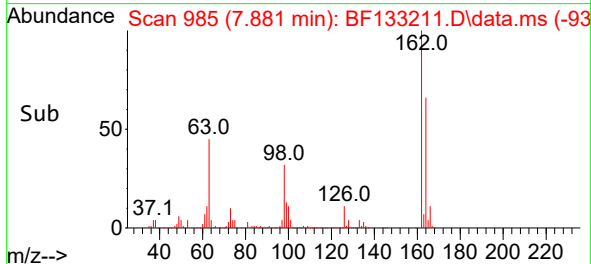
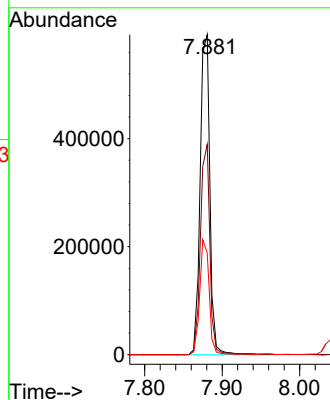
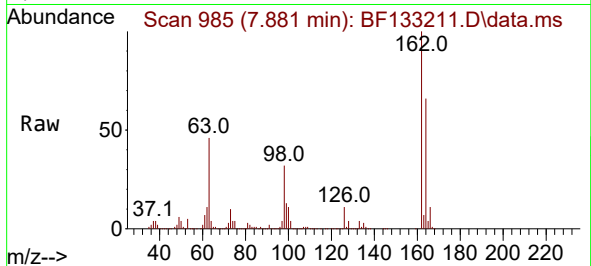
CF-24MSD

Tgt Ion:162 Resp: 516070
 Ion Ratio Lower Upper
 162 100
 164 65.7 43.9 83.9
 98 31.8 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.657 ng

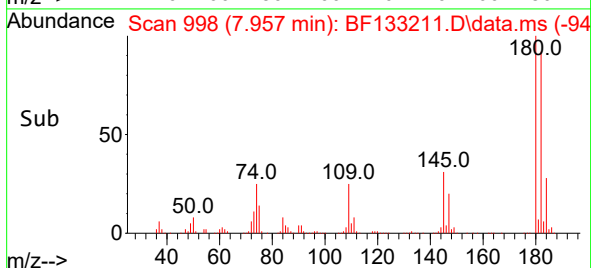
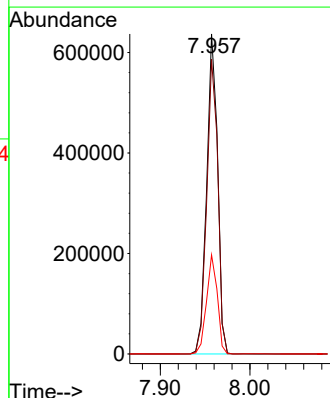
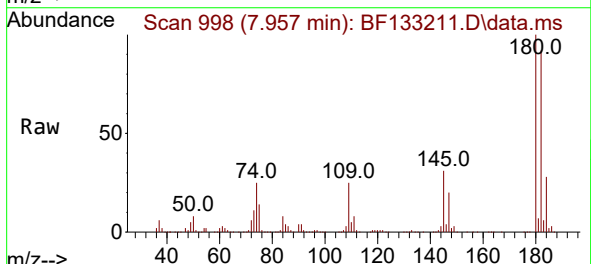
RT: 7.957 min Scan# 998

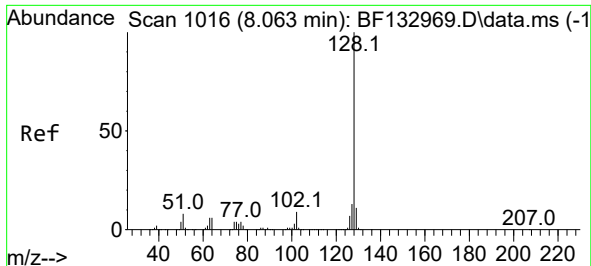
Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

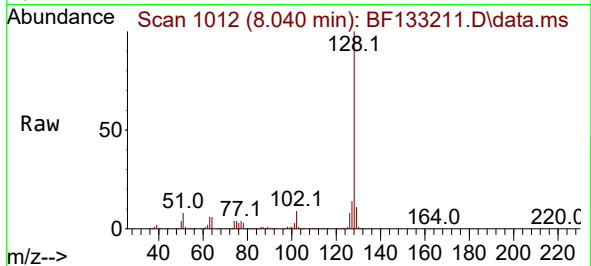
Tgt Ion:180 Resp: 538109
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.9 113.9
 145 31.0 25.3 37.9





#31
Naphthalene
Concen: 46.649 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

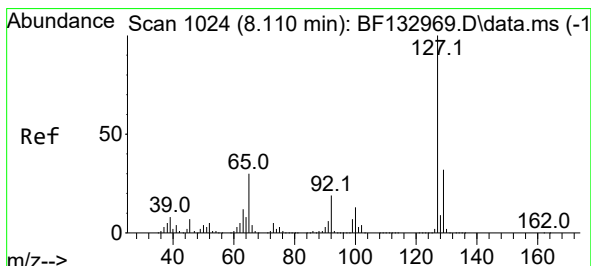
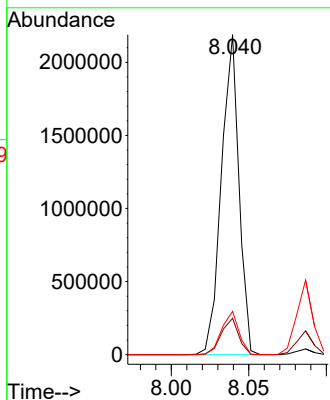
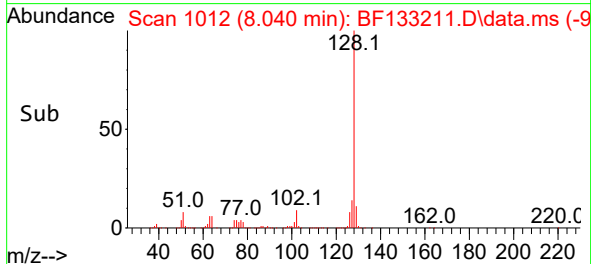
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:128 Resp: 1725960
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.7 16.1

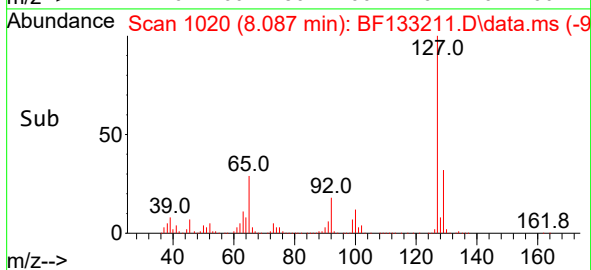
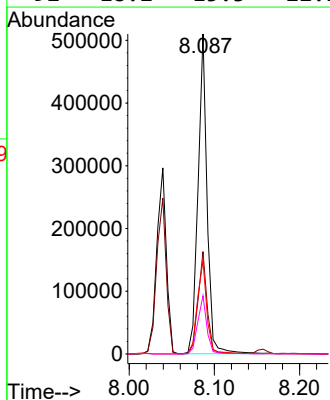
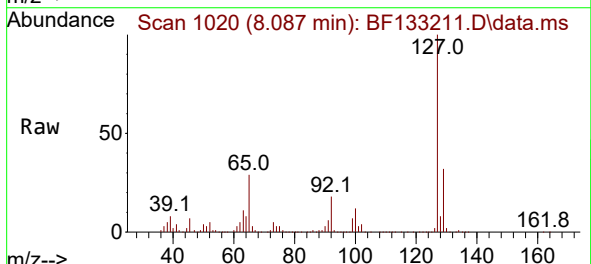
Manual Integrations
APPROVED

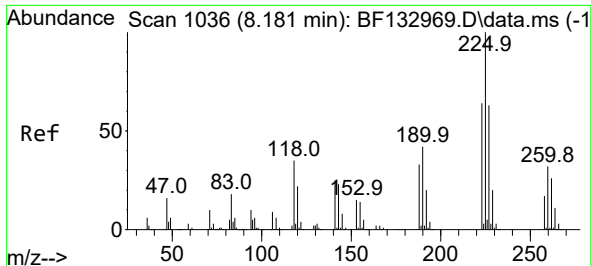
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#33
4-Chloroaniline
Concen: 25.299 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

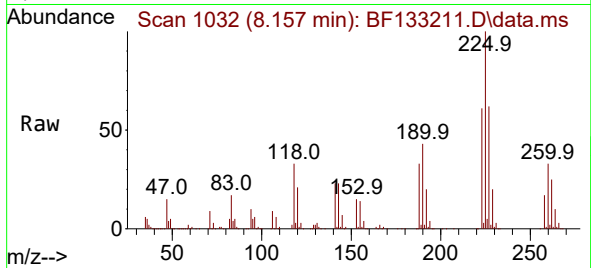
Tgt Ion:127 Resp: 378188
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 29.1 23.6 35.4
92 18.2 15.3 22.9





#34
Hexachlorobutadiene
Concen: 48.962 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

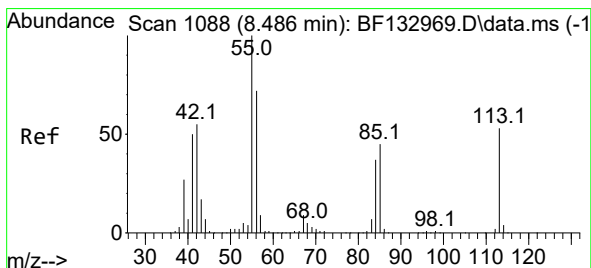
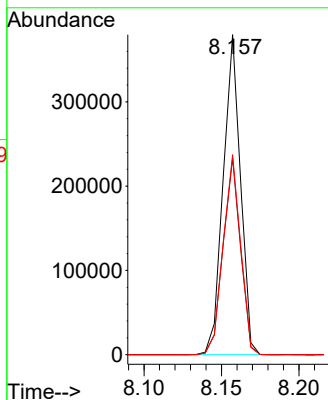
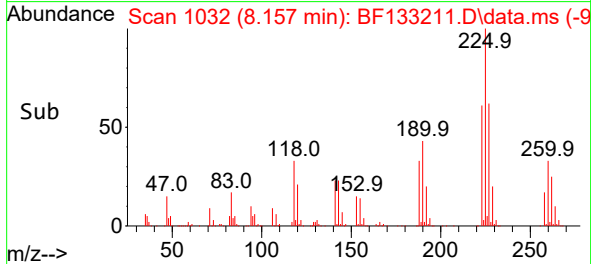
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:225 Resp: 294068
Ion Ratio Lower Upper
225 100
223 61.4 50.9 76.3
227 62.5 50.3 75.5

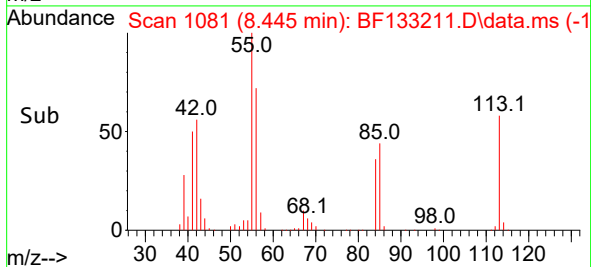
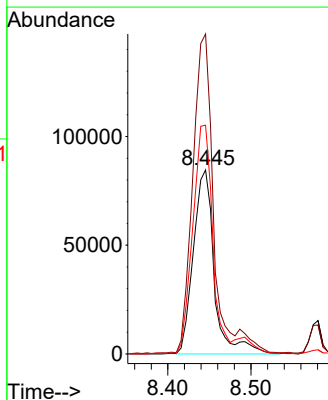
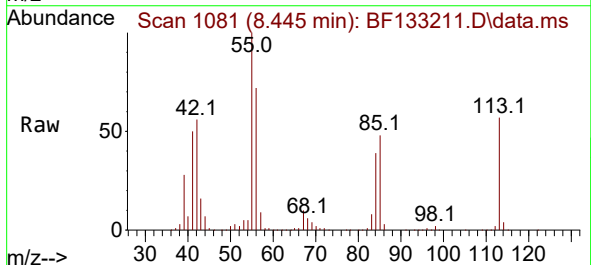
Manual Integrations
APPROVED

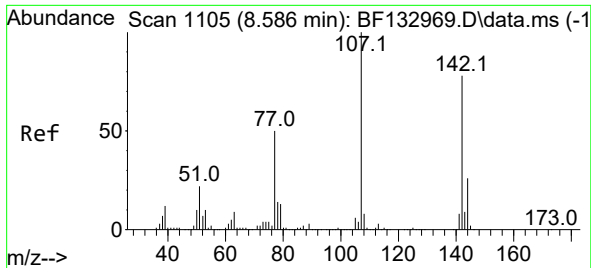
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#35
Caprolactam
Concen: 42.153 ng m
RT: 8.445 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

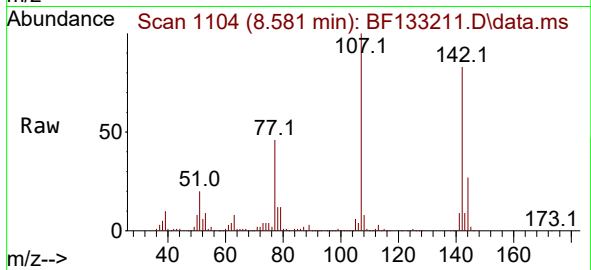
Tgt Ion:113 Resp: 148121
Ion Ratio Lower Upper
113 100
55 174.0 167.1 207.1
56 124.4 114.5 154.5





#36
4-Chloro-3-methylphenol
Concen: 48.540 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

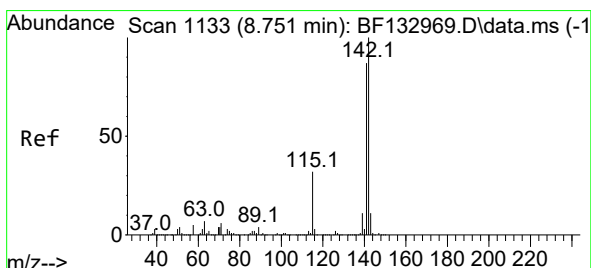
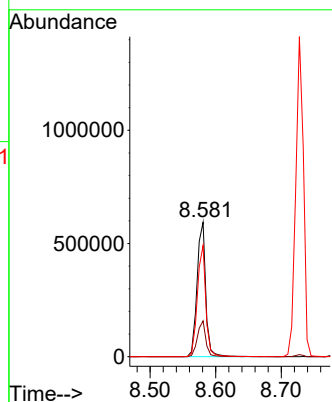
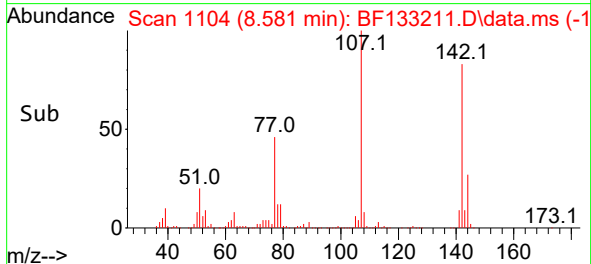
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:107 Resp: 547520
Ion Ratio Lower Upper
107 100
144 26.7 20.6 30.8
142 82.7 62.8 94.2

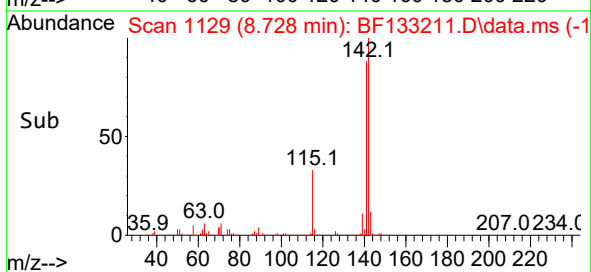
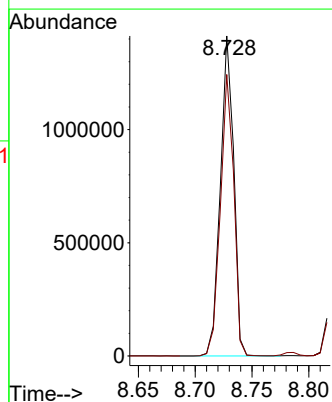
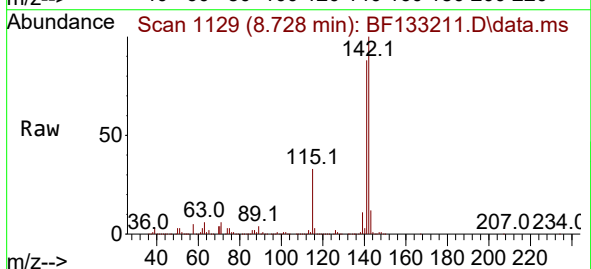
Manual Integrations
APPROVED

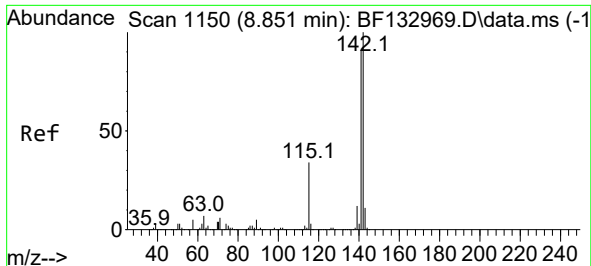
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#37
2-Methylnaphthalene
Concen: 45.828 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

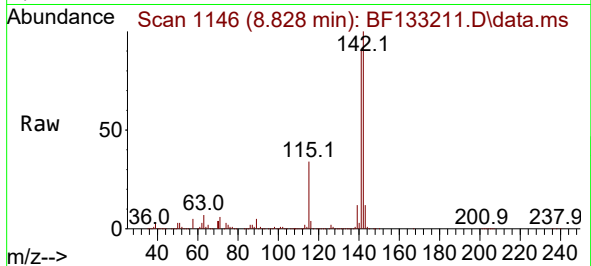
Tgt Ion:142 Resp: 1159229
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.0





#38
1-Methylnaphthalene
Concen: 45.843 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

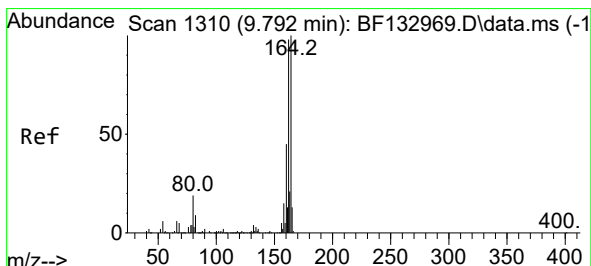
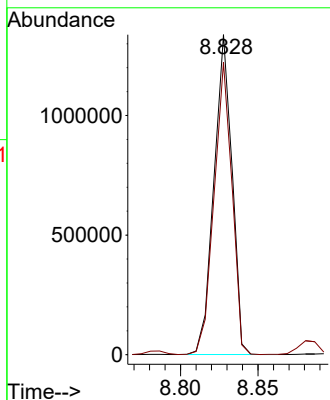
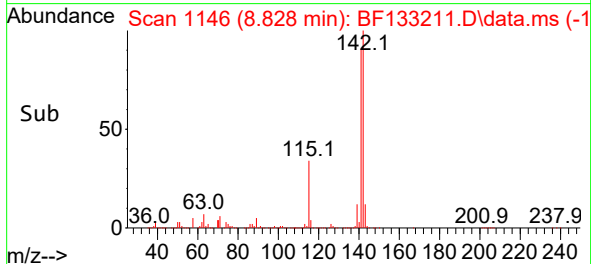
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



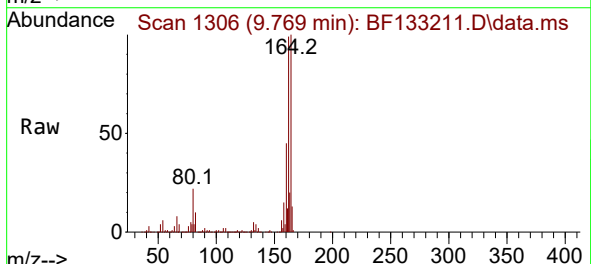
Tgt Ion:142 Resp: 108478
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

Manual Integrations
APPROVED

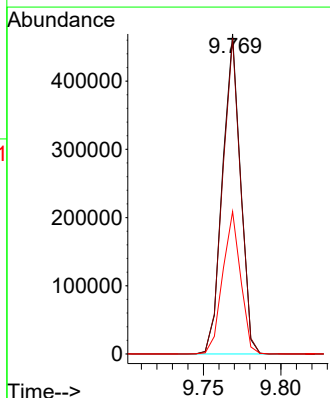
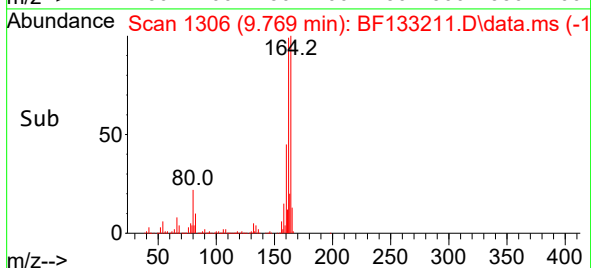
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

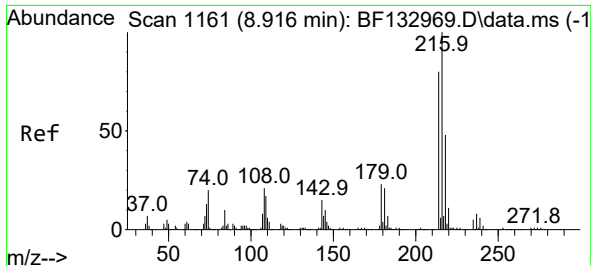


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



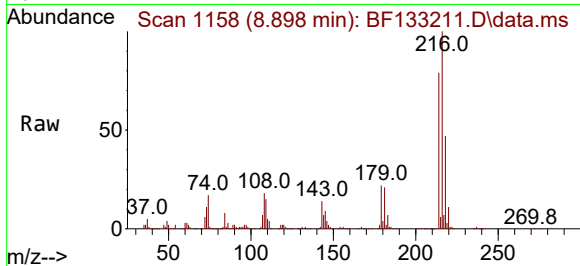
Tgt Ion:164 Resp: 377177
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 44.5 35.8 53.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.087 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

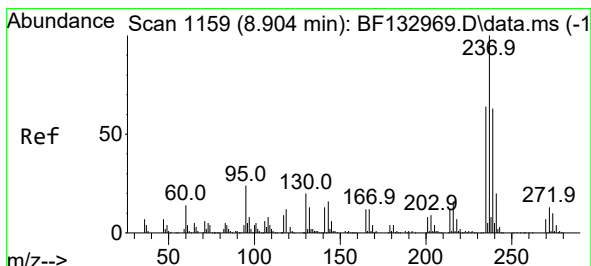
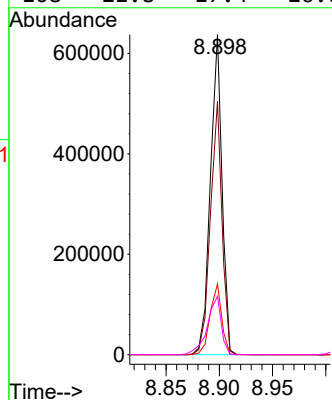
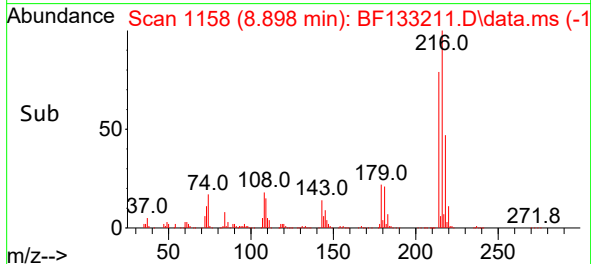
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:216 Resp: 487660
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.0 17.4 26.2
108 21.8 17.4 26.0

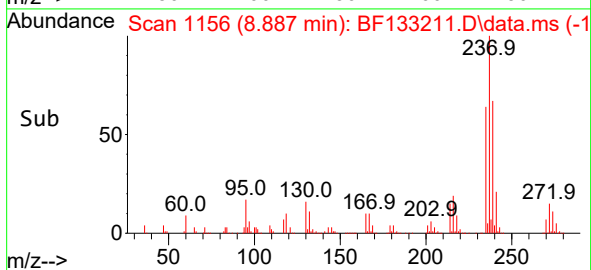
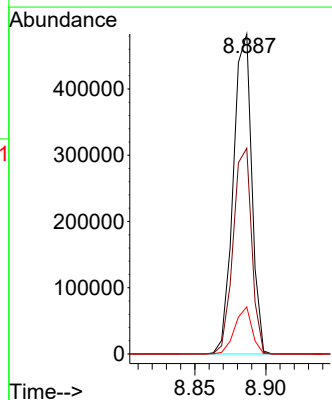
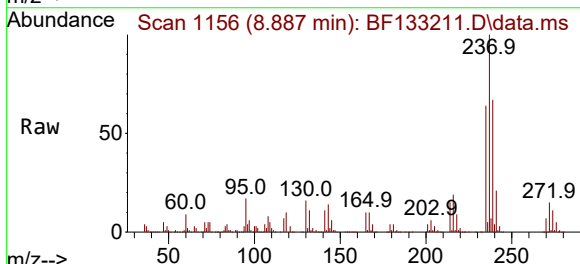
Manual Integrations
APPROVED

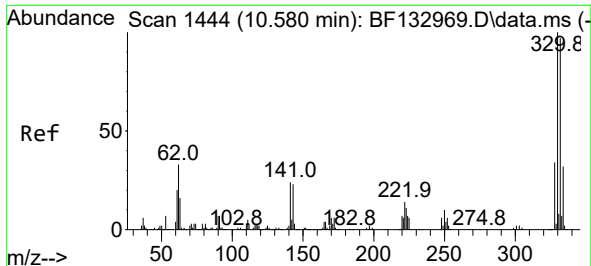
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#41
Hexachlorocyclopentadiene
Concen: 73.923 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:237 Resp: 437212
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 14.7 0.0 32.7





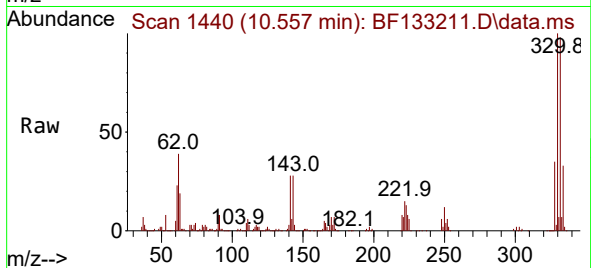
#42
2,4,6-Tribromophenol
Concen: 59.243 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

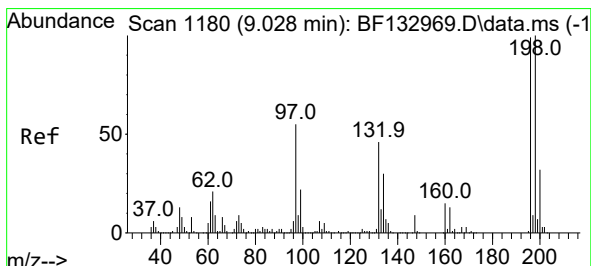
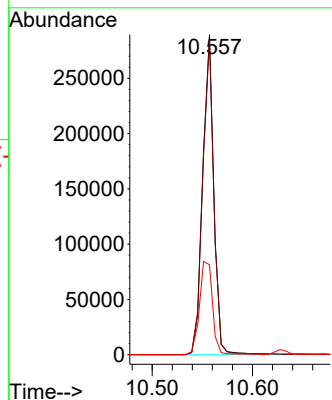
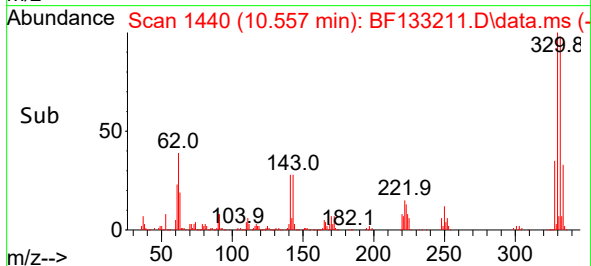


Tgt Ion:330 Resp: 22472
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 34.2 25.8 38.8

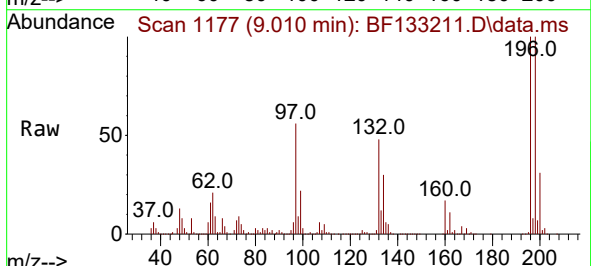
Manual Integrations

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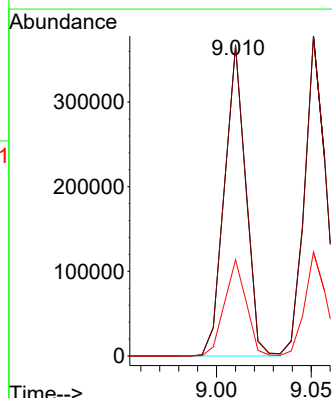
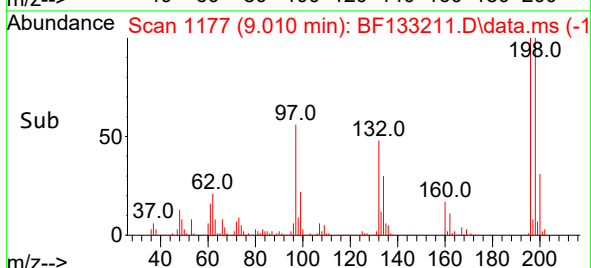
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

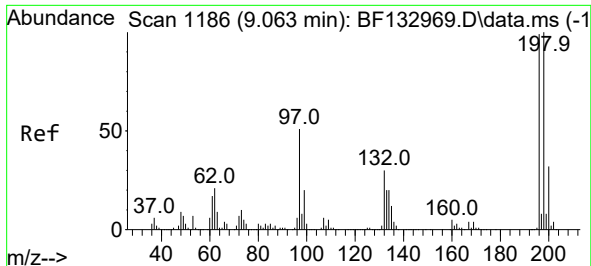


#43
2,4,6-Trichlorophenol
Concen: 40.933 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



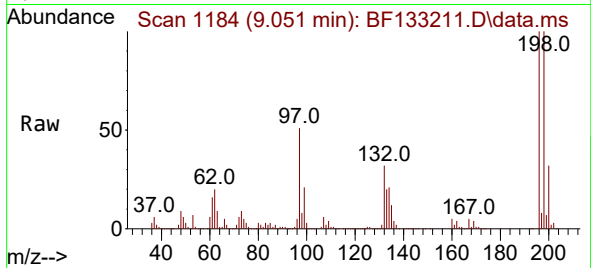
Tgt Ion:196 Resp: 287078
Ion Ratio Lower Upper
196 100
198 99.7 81.0 121.6
200 30.9 26.1 39.1





#44
2,4,5-Trichlorophenol
Concen: 36.762 ng
RT: 9.051 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

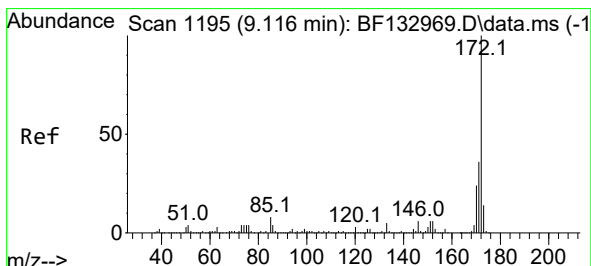
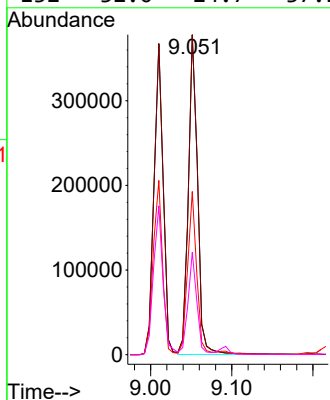
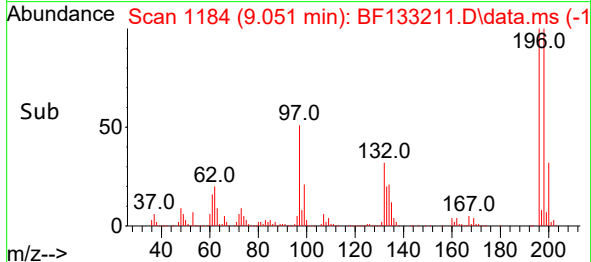
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:196 Resp: 29818
Ion Ratio Lower Upper
196 100
198 100.0 80.9 121.3
97 51.0 41.3 61.9
132 32.0 24.7 37.1

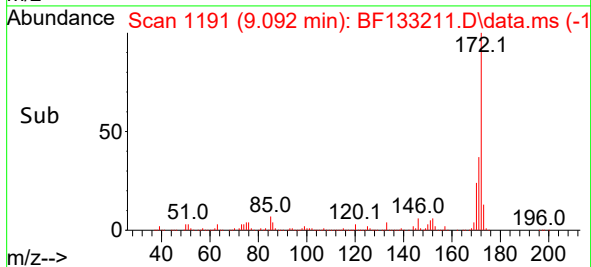
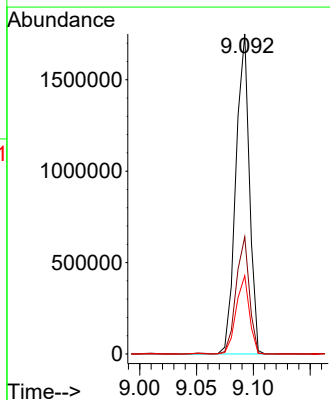
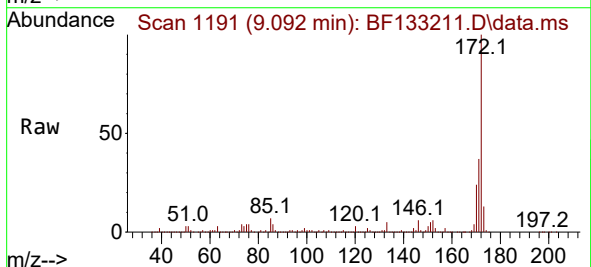
Manual Integrations
APPROVED

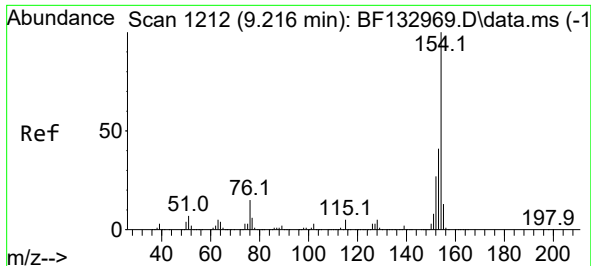
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#45
2-Fluorobiphenyl
Concen: 64.044 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

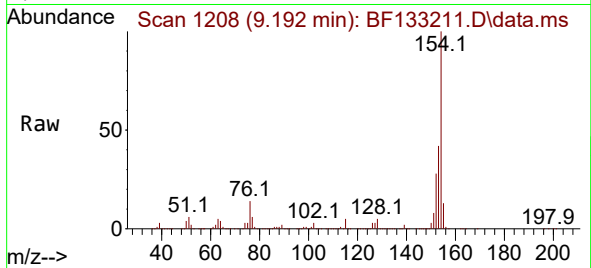
Tgt Ion:172 Resp: 1443874
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2





#46
1,1'-Biphenyl
Concen: 47.386 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

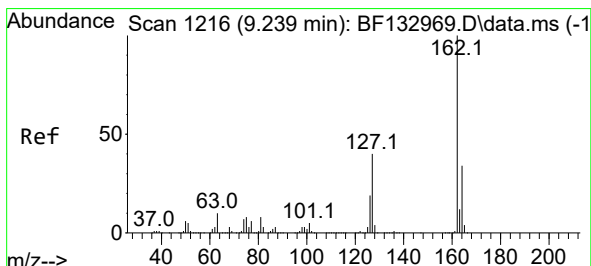
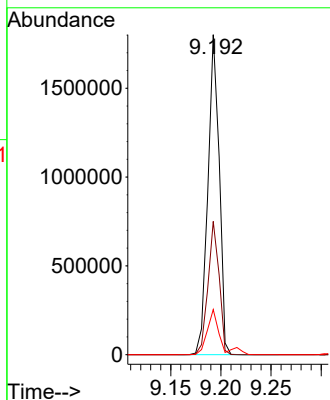
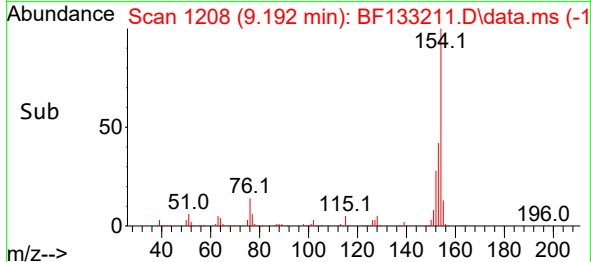
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



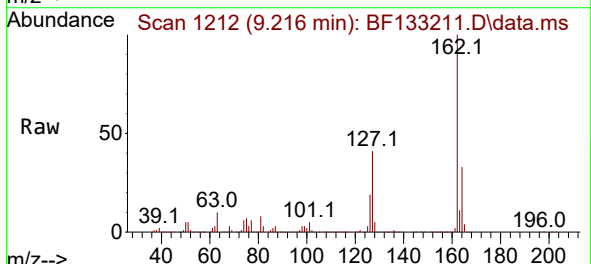
Tgt Ion:154 Resp: 1417230
Ion Ratio Lower Upper
154 100
153 41.7 21.0 61.0
76 14.1 0.0 34.5

Manual Integrations
APPROVED

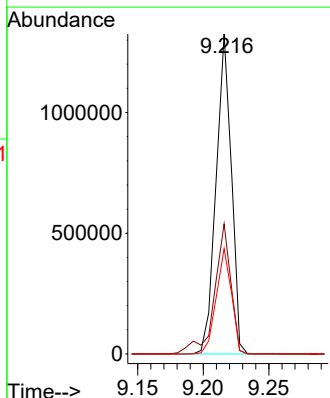
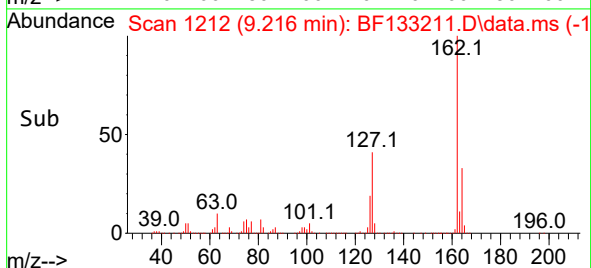
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

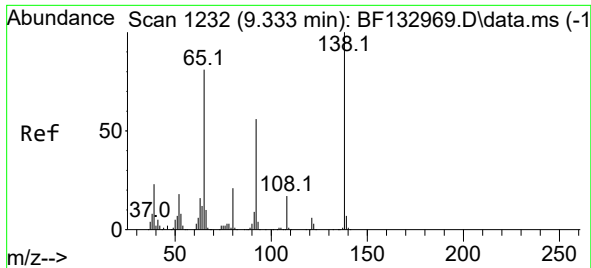


#47
2-Chloronaphthalene
Concen: 48.859 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



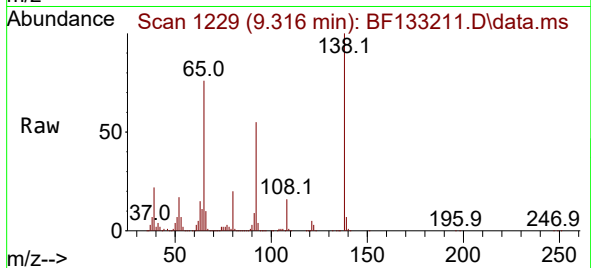
Tgt Ion:162 Resp: 1069576
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 32.9 26.8 40.2





#48
2-Nitroaniline
Concen: 48.882 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

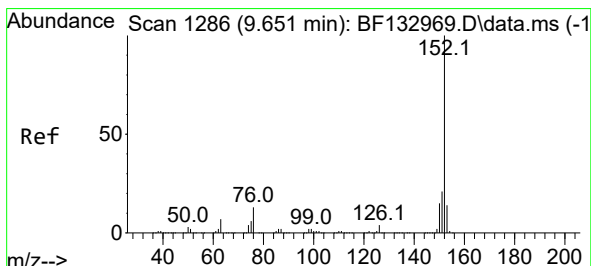
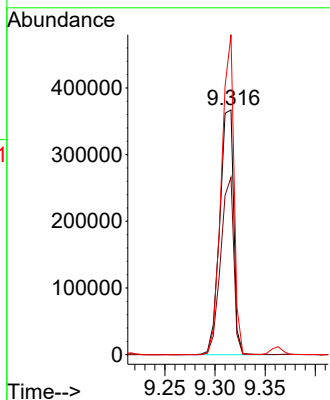
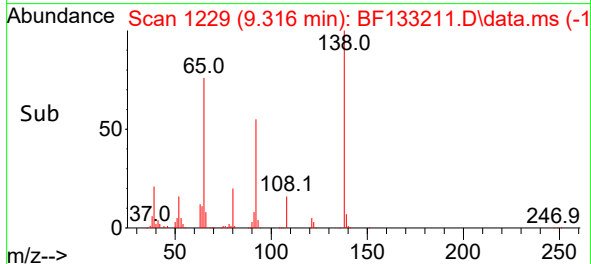
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion: 65 Resp: 353652
Ion Ratio Lower Upper
65 100
92 72.4 55.4 83.0
138 130.7 98.2 147.2

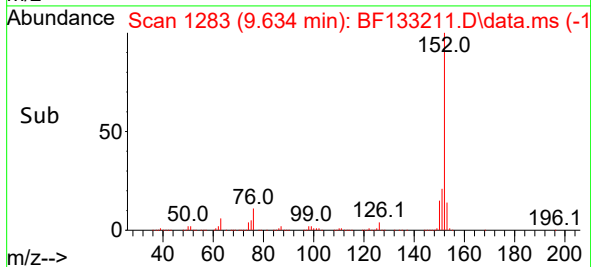
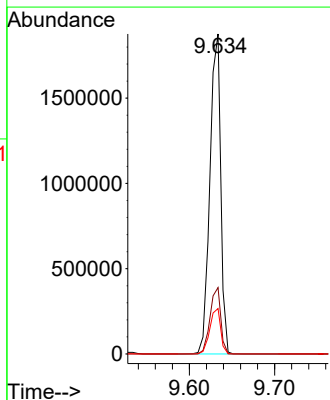
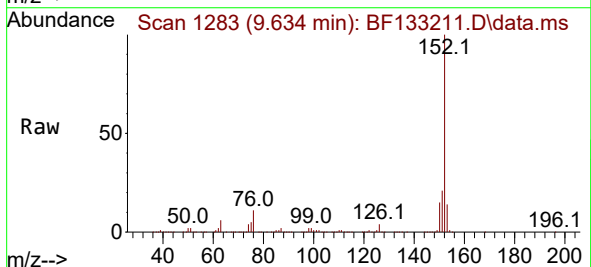
Manual Integrations
APPROVED

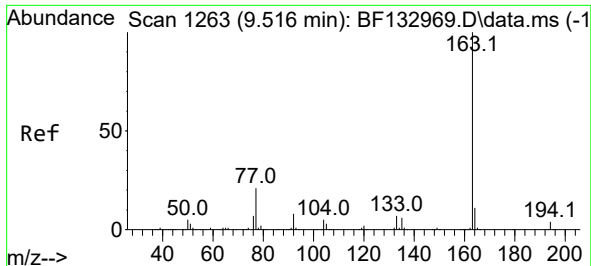
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#49
Acenaphthylene
Concen: 47.292 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

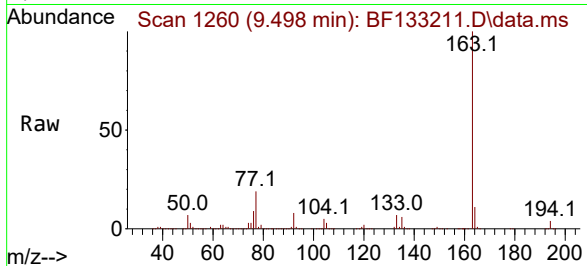
Tgt Ion:152 Resp: 1654188
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.2 11.5 17.3





#50
Dimethylphthalate
Concen: 48.362 ng
RT: 9.498 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

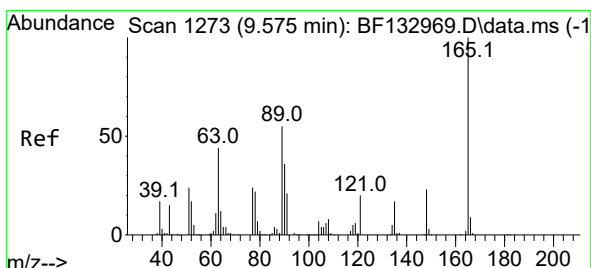
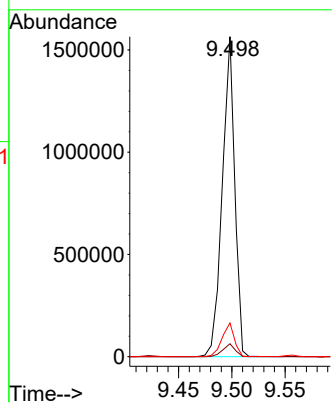
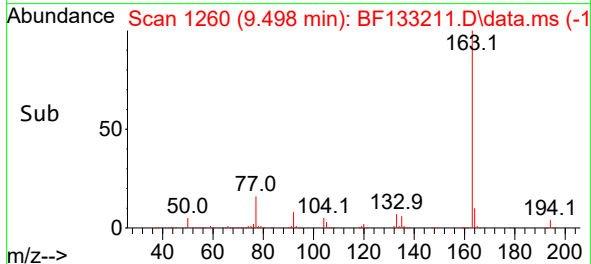
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:163 Resp: 1271914
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.6 8.5 12.7

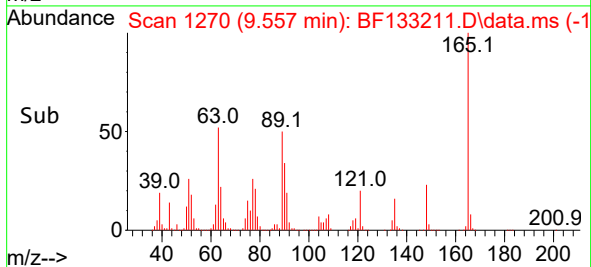
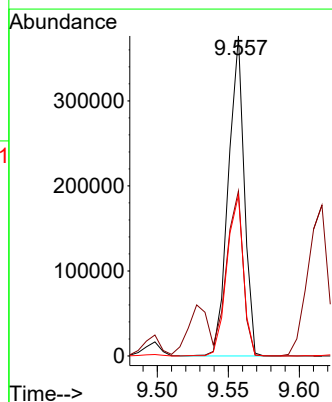
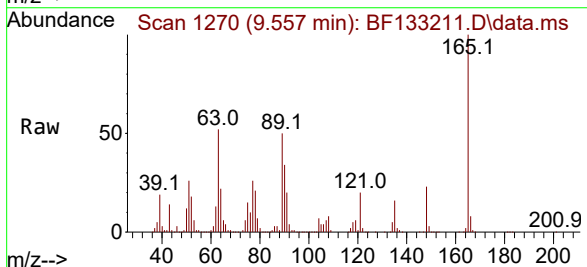
Manual Integrations
APPROVED

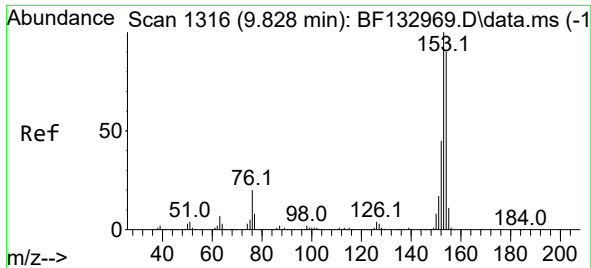
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#51
2,6-Dinitrotoluene
Concen: 49.333 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

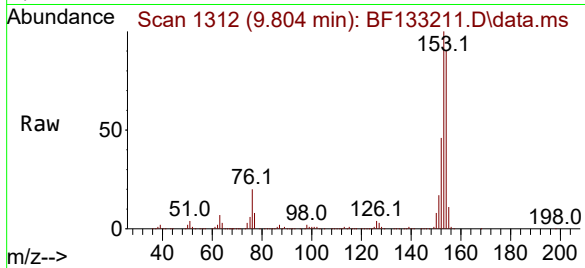
Tgt Ion:165 Resp: 292019
Ion Ratio Lower Upper
165 100
63 51.5 45.9 68.9
89 50.2 44.0 66.0





#52
Acenaphthene
Concen: 43.371 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

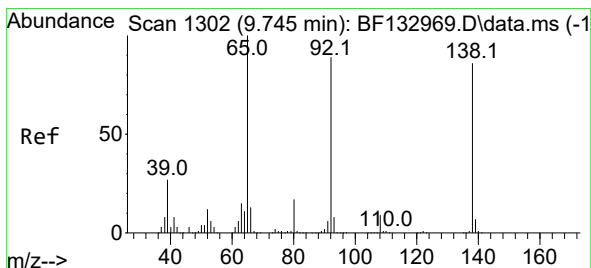
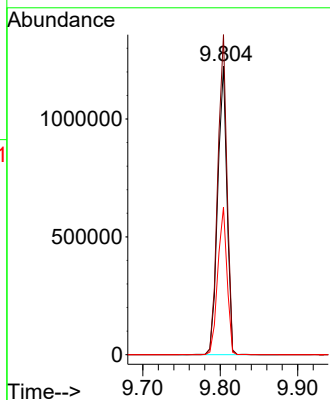
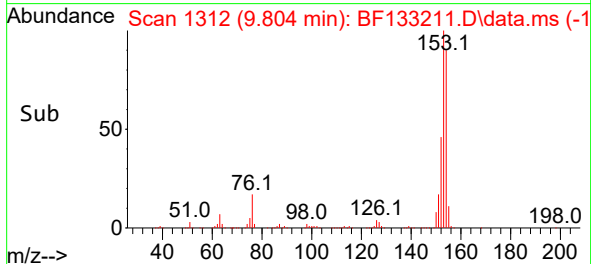
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



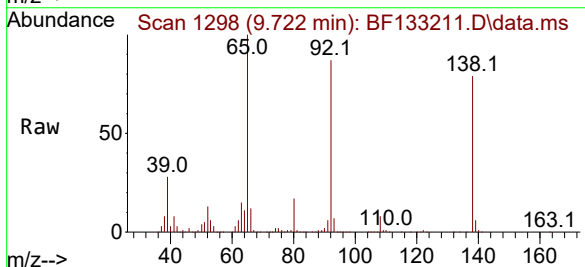
Tgt Ion:154 Resp: 1016040
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.6
152 51.1 40.4 60.6

Manual Integrations
APPROVED

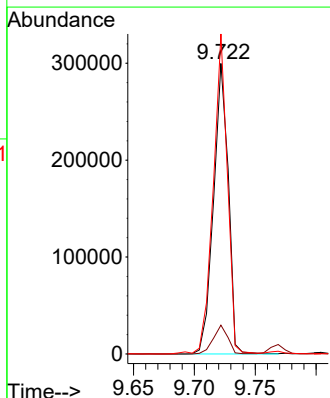
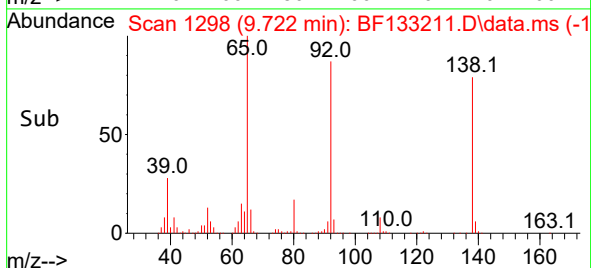
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

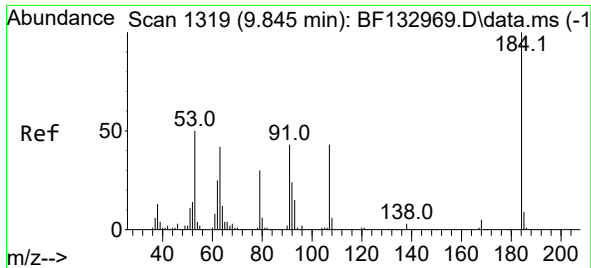


#53
3-Nitroaniline
Concen: 35.740 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



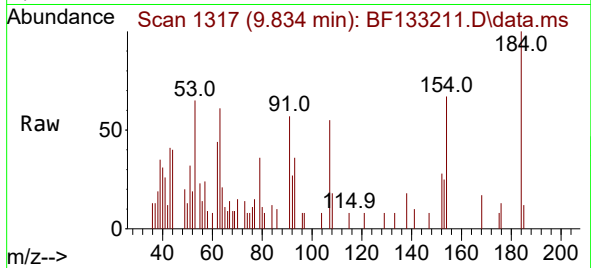
Tgt Ion:138 Resp: 251549
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 110.1 83.6 125.4





#54
2,4-Dinitrophenol
Concen: 0.794 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

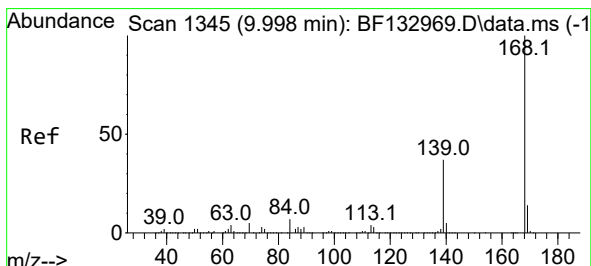
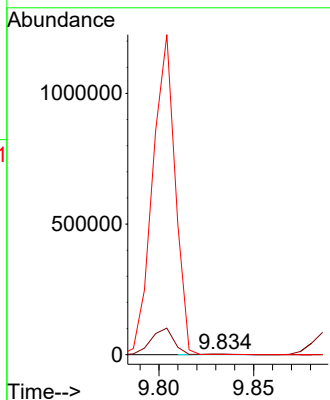
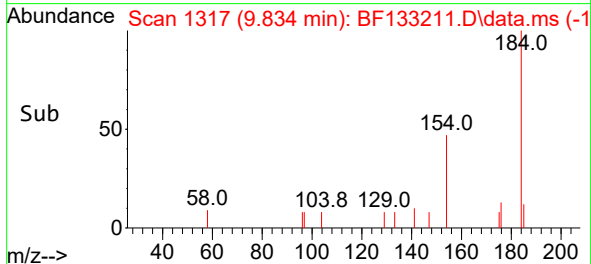
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



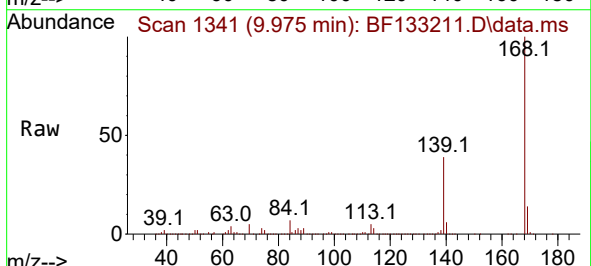
Tgt Ion:184 Resp: 236
Ion Ratio Lower Upper
184 100
63 61.0 49.8 74.8
154 66.5 49.5 74.3

Manual Integrations
APPROVED

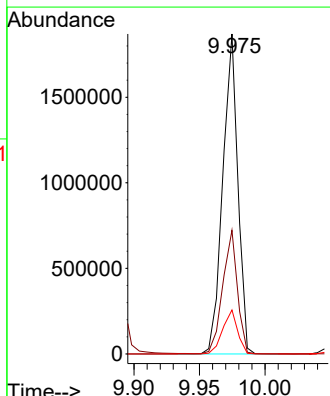
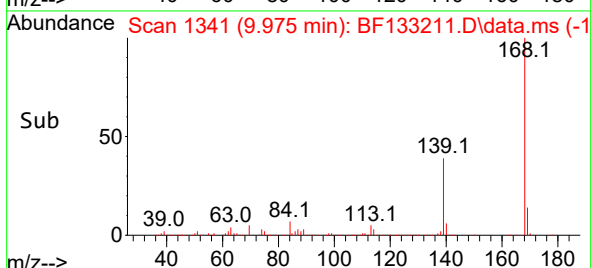
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

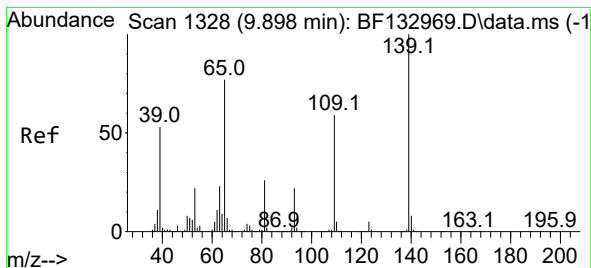


#55
Dibenzofuran
Concen: 46.582 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



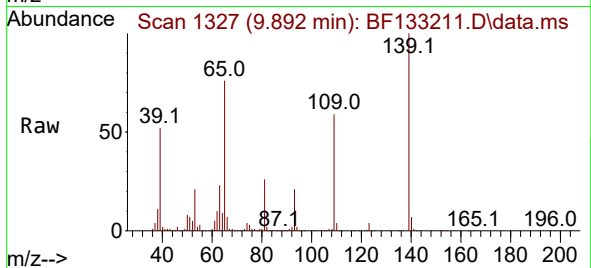
Tgt Ion:168 Resp: 1488589
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.8
169 13.7 10.8 16.2





#56
4-Nitrophenol
Concen: 56.618 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

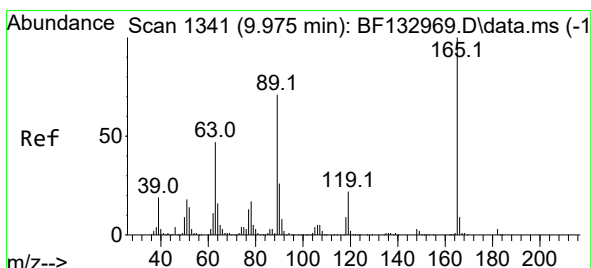
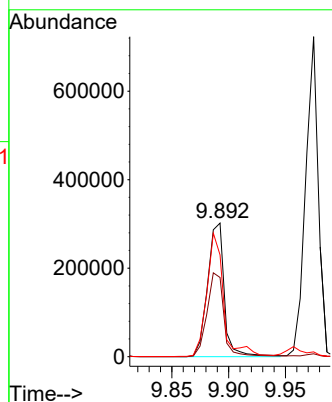
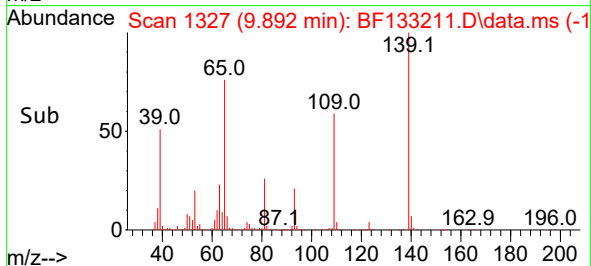
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:139 Resp: 30864
Ion Ratio Lower Upper
139 100
109 59.3 39.4 79.4
65 76.2 57.5 97.5

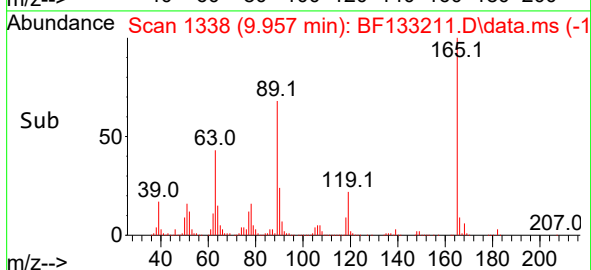
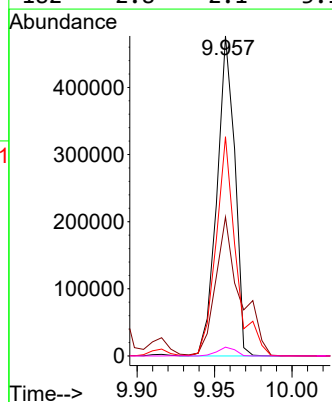
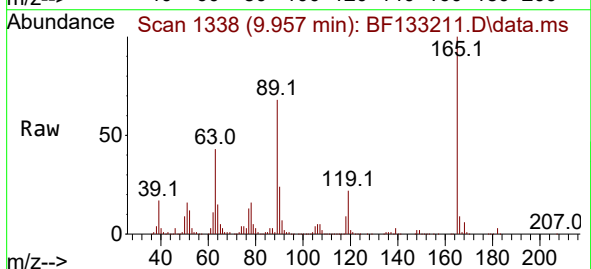
Manual Integrations
APPROVED

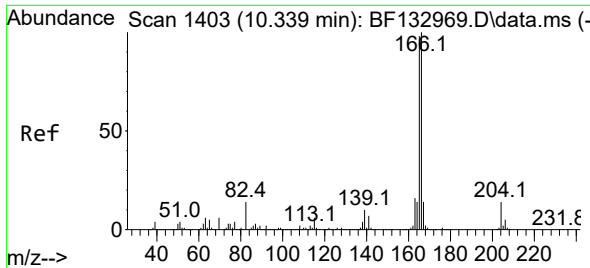
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#57
2,4-Dinitrotoluene
Concen: 50.720 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

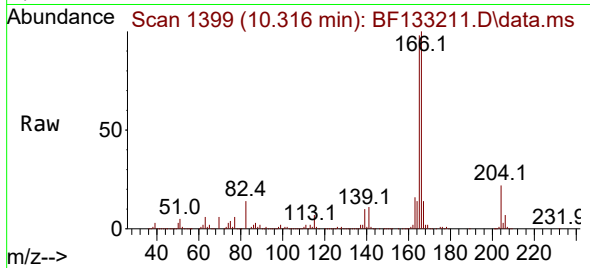
Tgt Ion:165 Resp: 382880
Ion Ratio Lower Upper
165 100
63 43.4 37.7 56.5
89 68.5 57.0 85.4
182 2.8 2.1 3.1





#58
Fluorene
Concen: 45.812 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

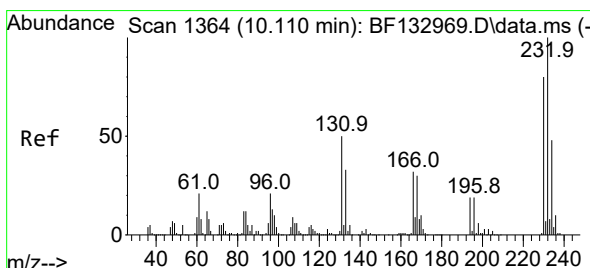
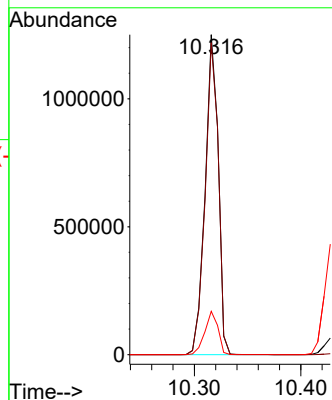
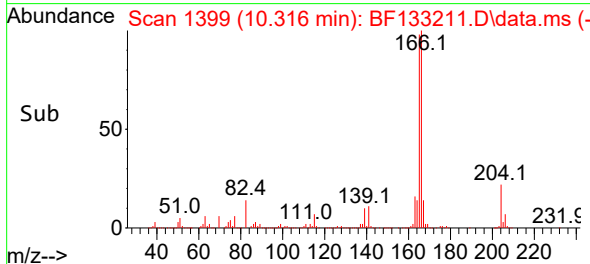
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:166 Resp: 1072589
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.5 11.0 16.4

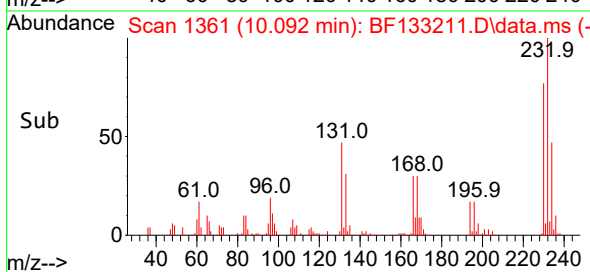
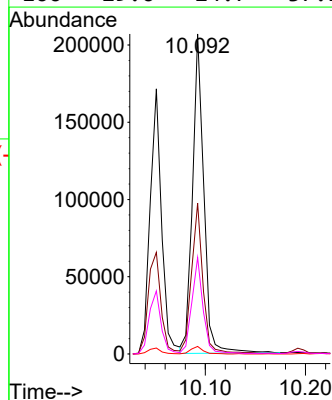
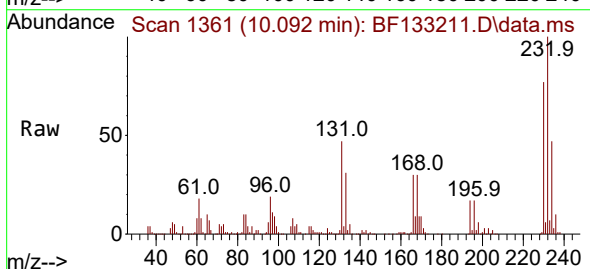
Manual Integrations
APPROVED

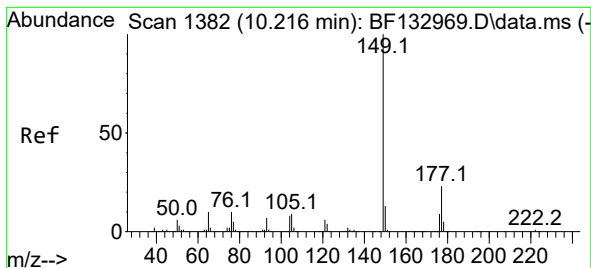
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 25.700 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

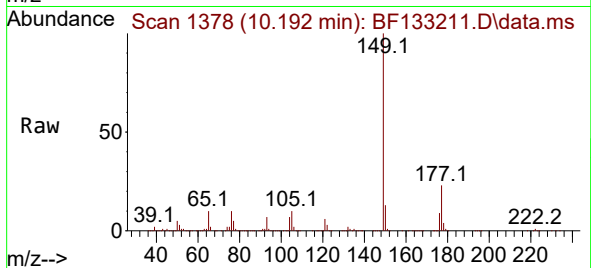
Tgt Ion:232 Resp: 161610
Ion Ratio Lower Upper
232 100
131 47.5 38.0 57.0
130 2.5 1.8 2.8
166 29.6 24.7 37.1





#60
Diethylphthalate
Concen: 48.685 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

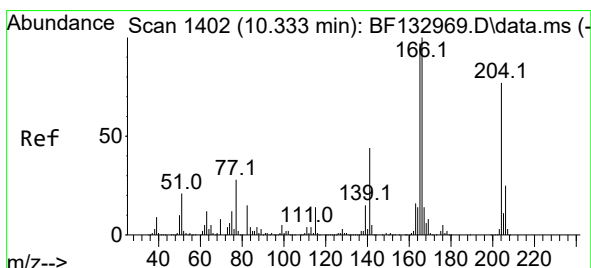
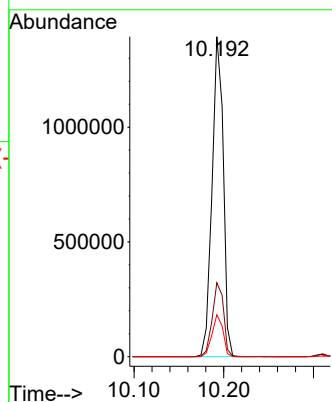
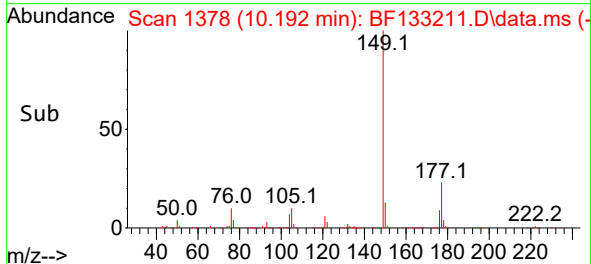
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



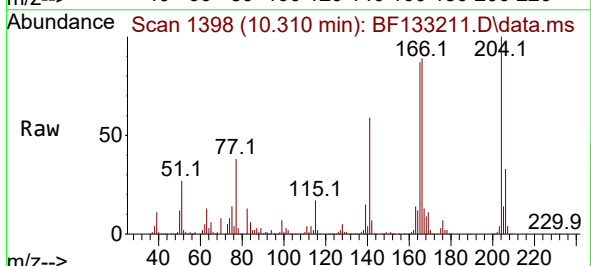
Tgt Ion:149 Resp: 120943
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.1 10.2 15.4

Manual Integrations
APPROVED

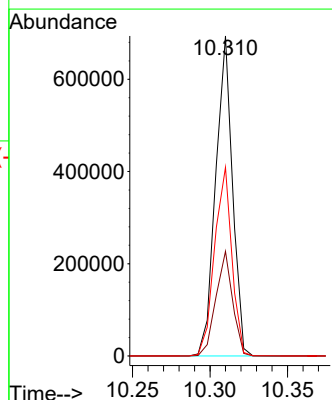
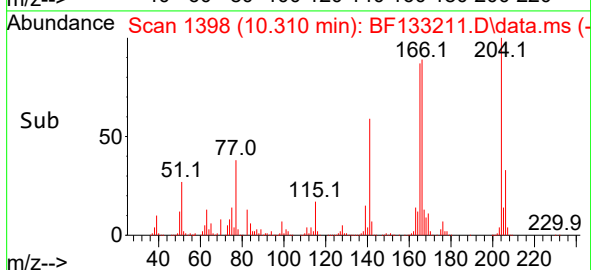
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

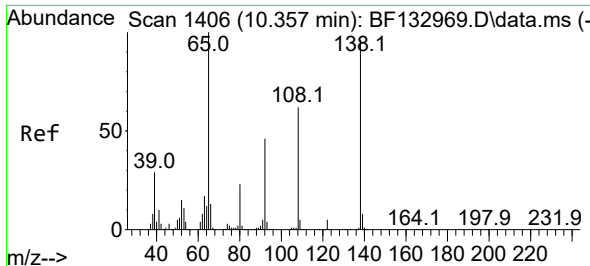


#61
4-Chlorophenyl-phenylether
Concen: 45.928 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



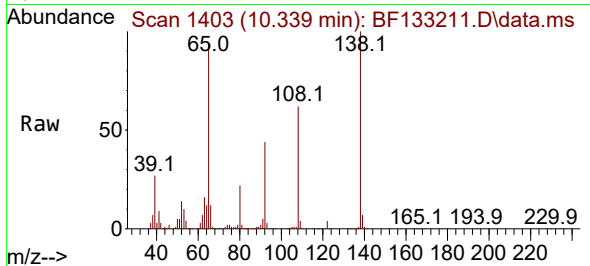
Tgt Ion:204 Resp: 524010
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 58.9 46.1 69.1





#62
4-Nitroaniline
Concen: 51.022 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

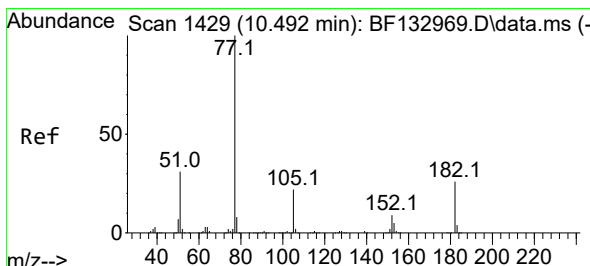
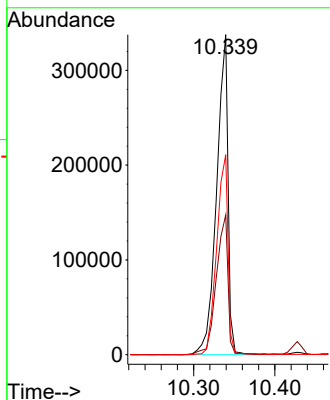
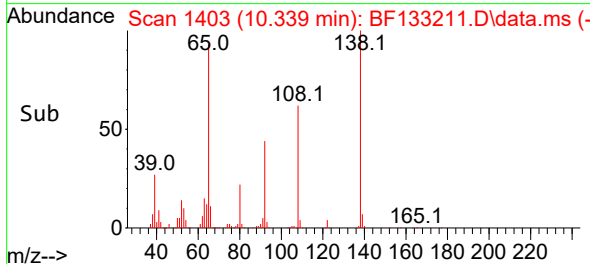
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:138 Resp: 330050
Ion Ratio Lower Upper
138 100
92 43.7 27.7 67.7
108 62.5 45.2 85.2

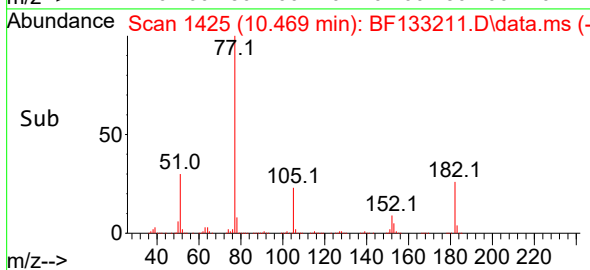
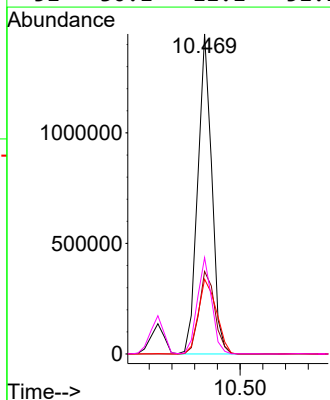
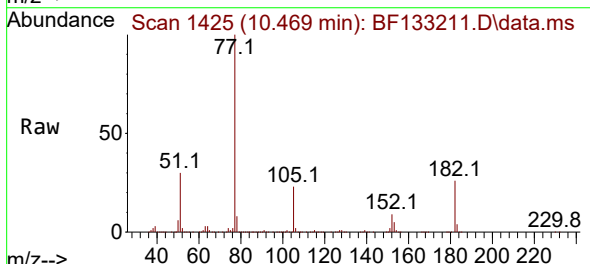
Manual Integrations
APPROVED

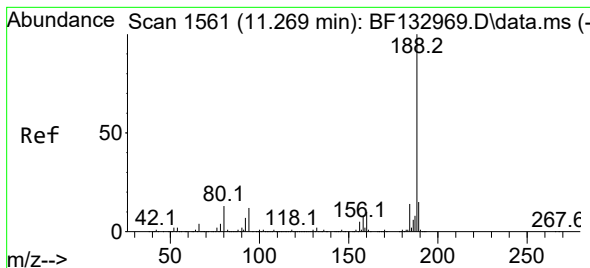
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#63
Azobenzene
Concen: 47.042 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

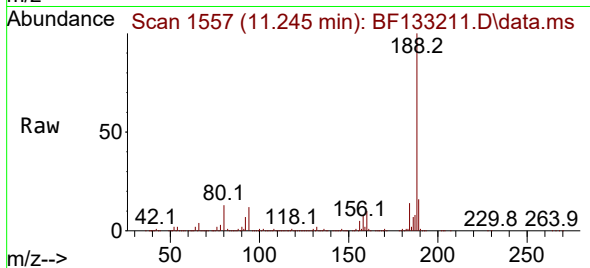
Tgt Ion: 77 Resp: 1237939
Ion Ratio Lower Upper
77 100
182 25.8 5.9 45.9
105 23.3 2.3 42.3
51 30.1 11.1 51.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

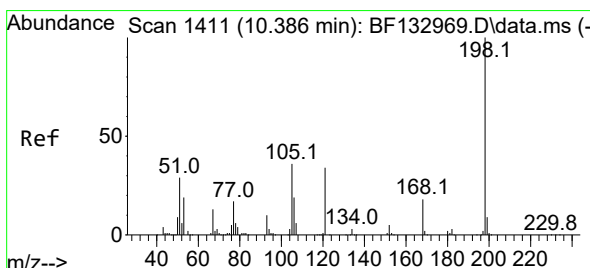
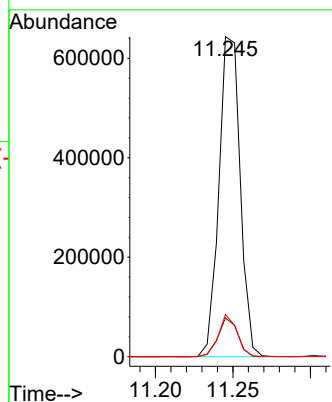
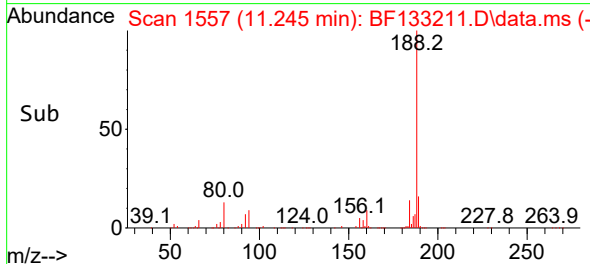
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:188 Resp: 615509
Ion Ratio Lower Upper
188 100
94 12.1 9.7 14.5
80 13.1 10.4 15.6

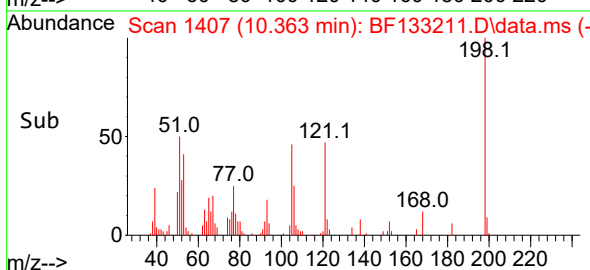
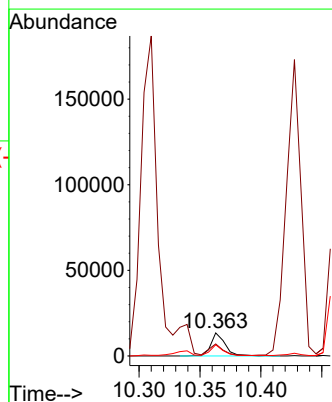
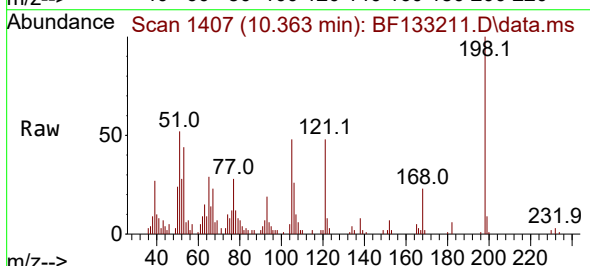
Manual Integrations
APPROVED

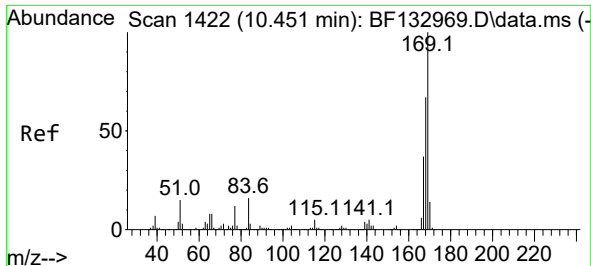
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 2.905 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

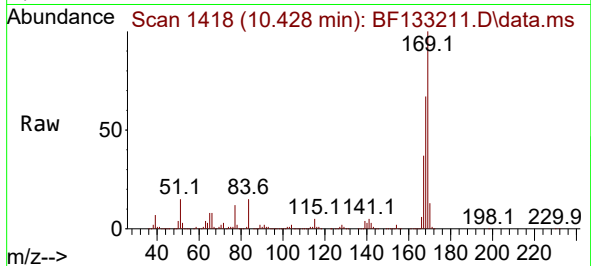
Tgt Ion:198 Resp: 10838
Ion Ratio Lower Upper
198 100
51 52.0 15.5 55.5
105 48.4 16.7 56.7





#66
n-Nitrosodiphenylamine
Concen: 50.818 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

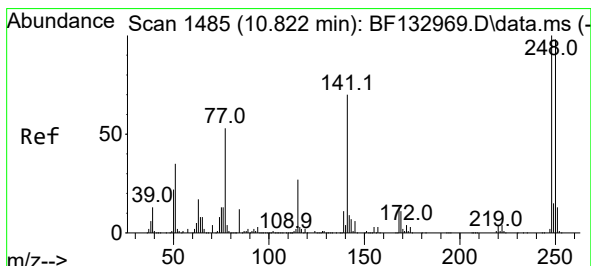
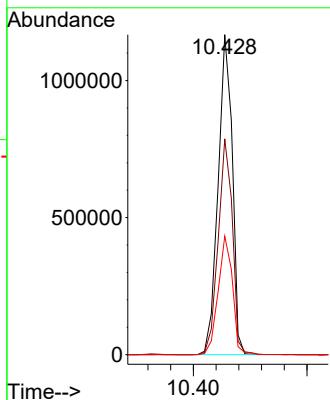
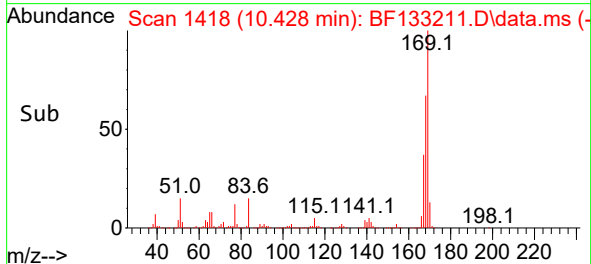
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:169 Resp: 1014610
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.8
167 37.0 29.7 44.5

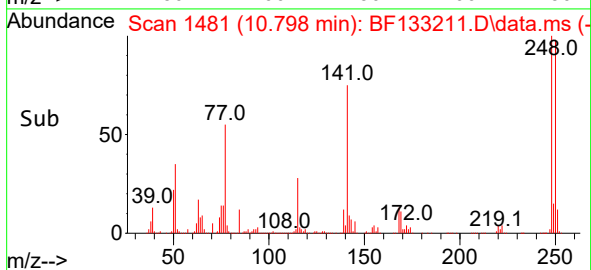
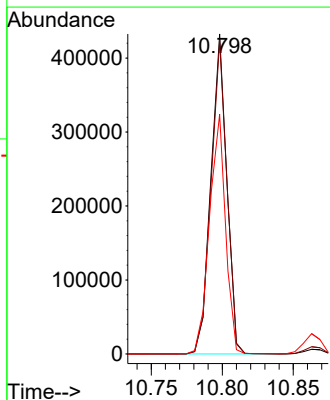
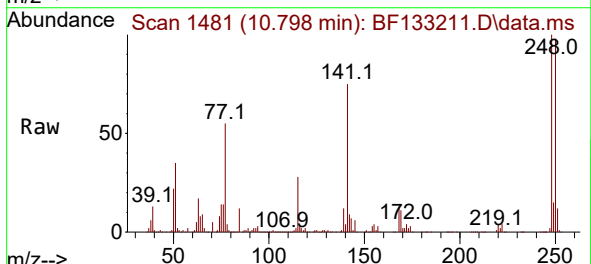
Manual Integrations
APPROVED

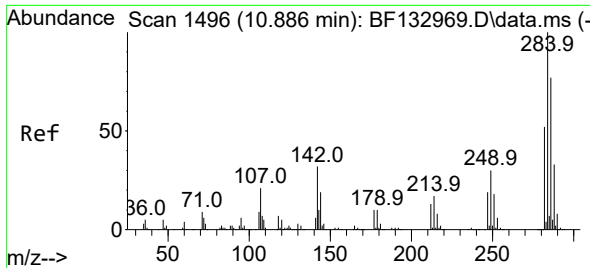
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#67
4-Bromophenyl-phenylether
Concen: 50.543 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

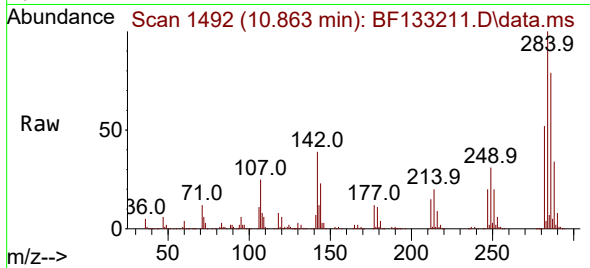
Tgt Ion:248 Resp: 337402
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 74.9 56.3 84.5





#68
Hexachlorobenzene
Concen: 51.363 ng
RT: 10.863 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

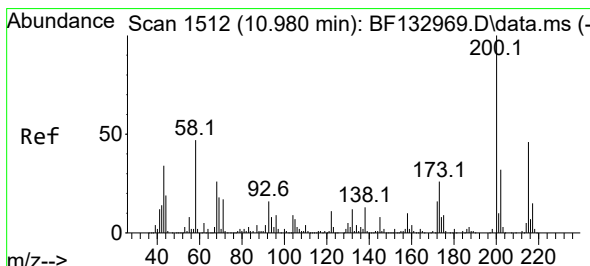
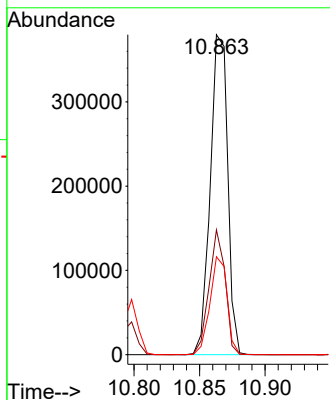
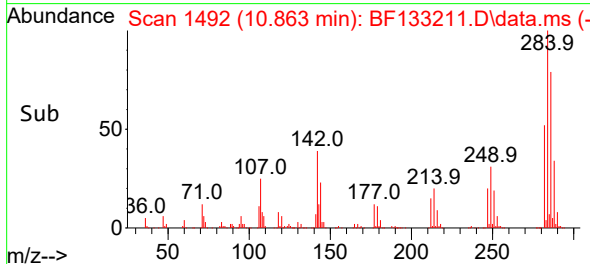
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



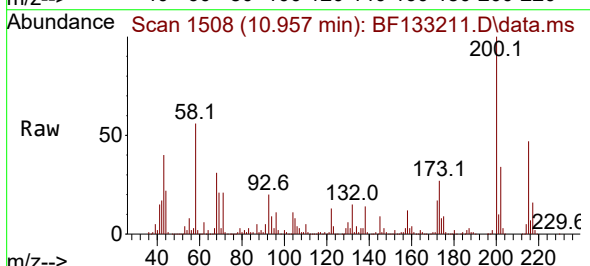
Tgt Ion:284 Resp: 351338
Ion Ratio Lower Upper
284 100
142 39.0 26.0 39.0
249 30.6 23.7 35.5

Manual Integrations
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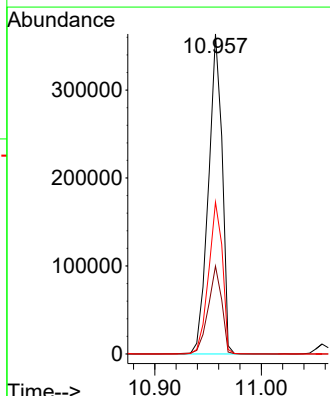
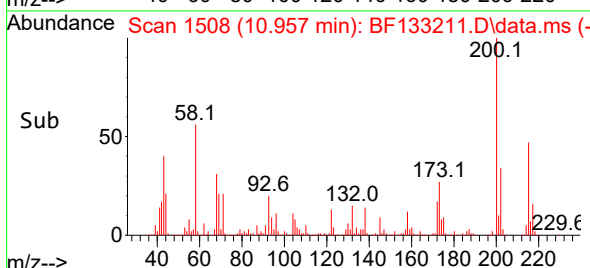
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

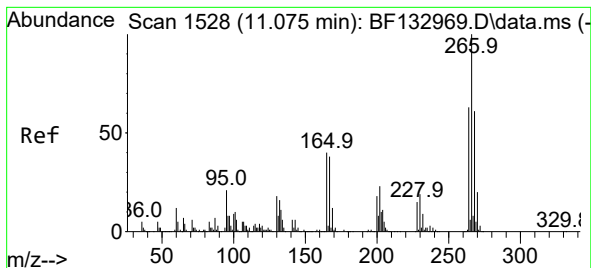


#69
Atrazine
Concen: 56.347 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



Tgt Ion:200 Resp: 324163
Ion Ratio Lower Upper
200 100
173 27.4 6.2 46.2
215 47.4 26.3 66.3





#70

Pentachlorophenol

Concen: 15.305 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion:266 Resp: 7455

Ion Ratio Lower Upper

266 100

268 63.0 48.8 73.2

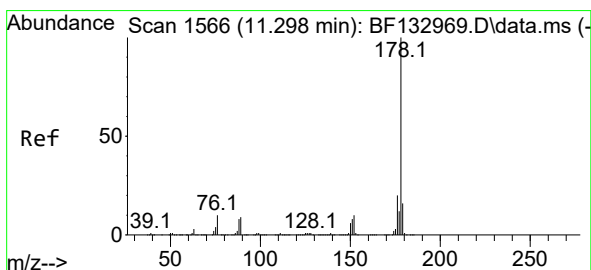
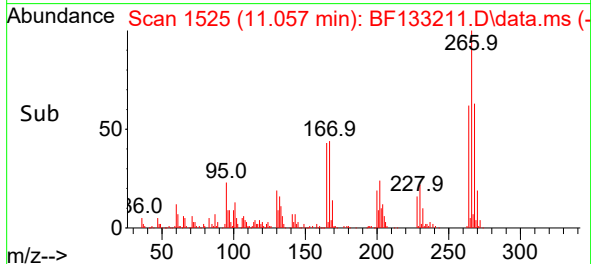
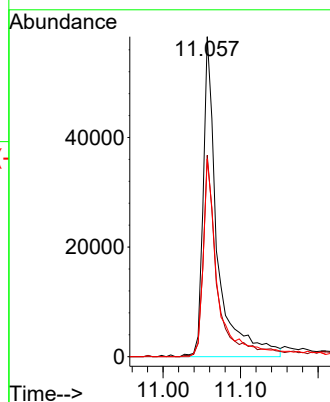
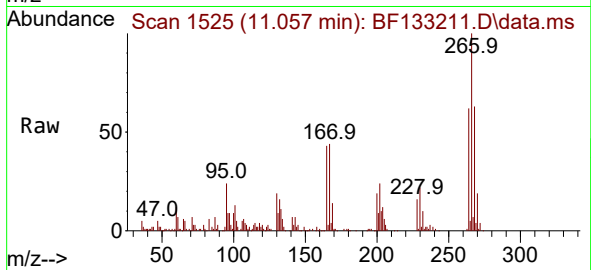
264 61.9 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#71

Phenanthrene

Concen: 47.638 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

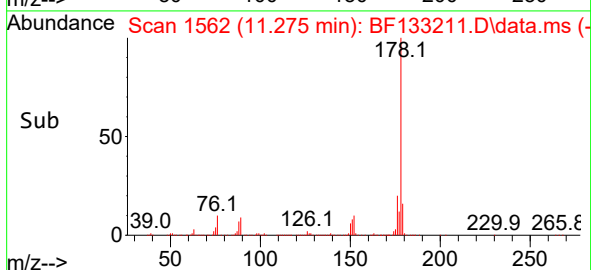
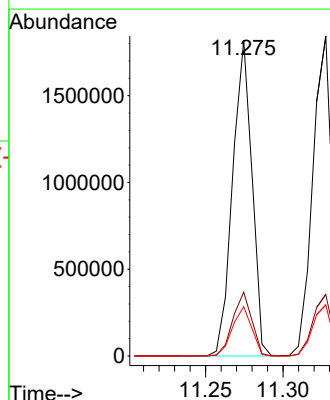
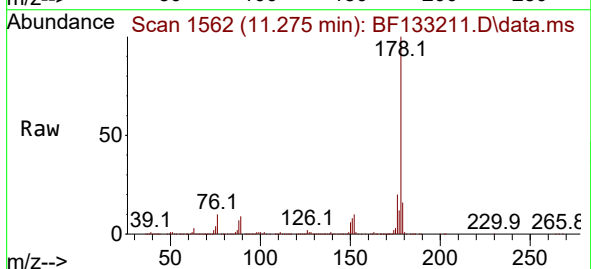
Tgt Ion:178 Resp: 1575954

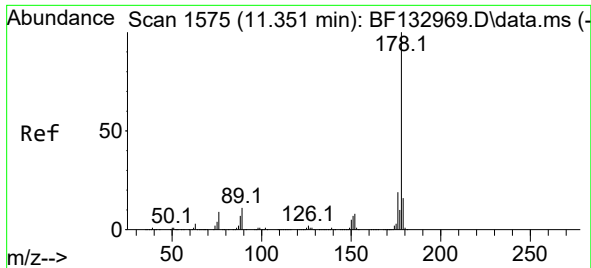
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

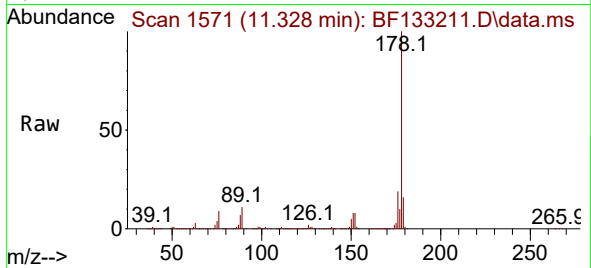
179 15.6 12.5 18.7





#72
 Anthracene
 Concen: 47.105 ng
 RT: 11.328 min Scan# 1597
 Delta R.T. -0.000 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

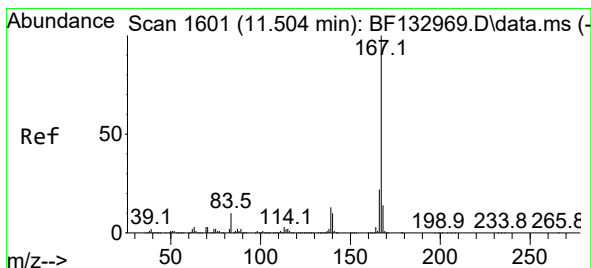
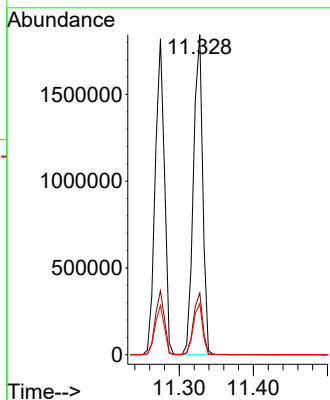
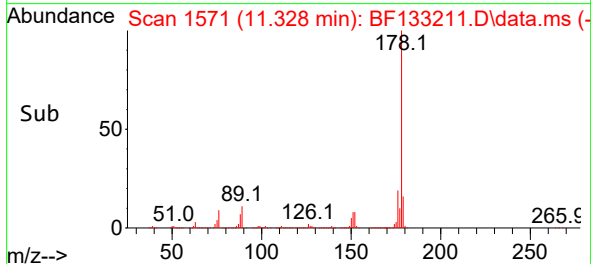
Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD



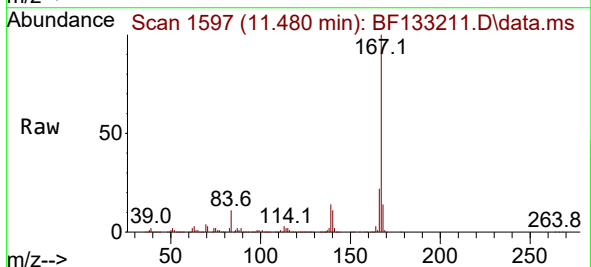
Tgt Ion:178 Resp: 1594760
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.9 12.4 18.6

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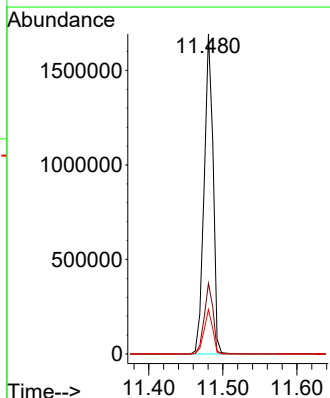
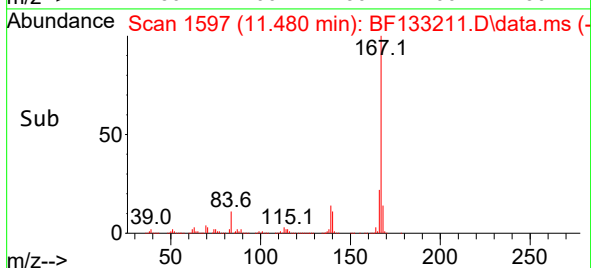
Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

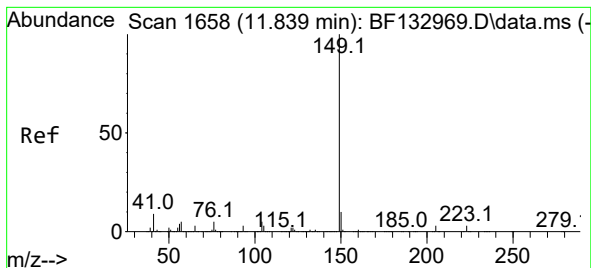


#73
 Carbazole
 Concen: 47.256 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14



Tgt Ion:167 Resp: 1424579
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.9 10.6 16.0





#74

Di-n-butylphthalate

Concen: 52.150 ng

RT: 11.816 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion:149 Resp: 1779104

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

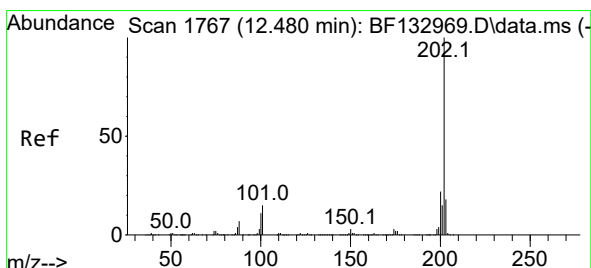
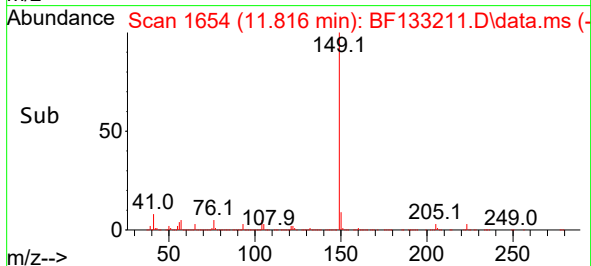
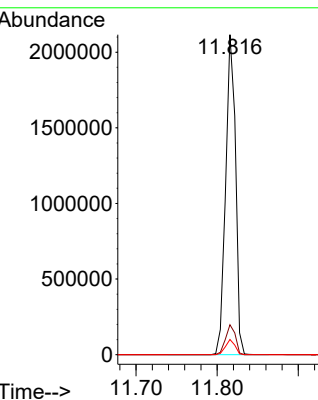
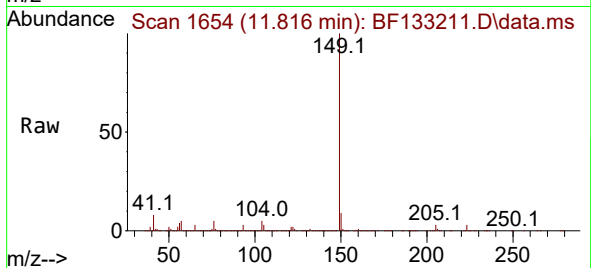
104 4.7 4.0 6.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#75

Fluoranthene

Concen: 41.843 ng

RT: 12.457 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

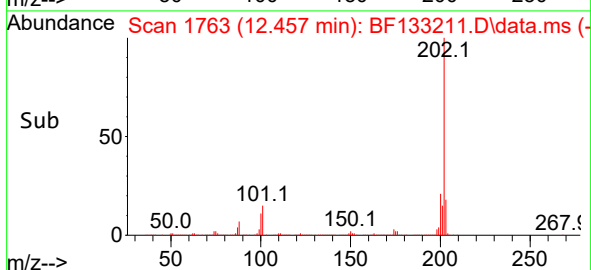
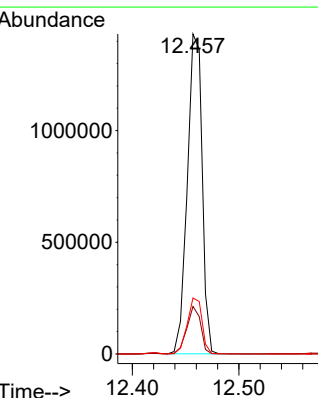
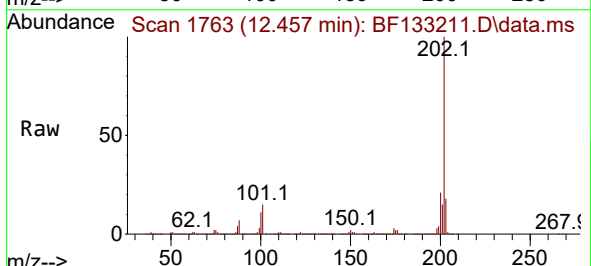
Tgt Ion:202 Resp: 1389228

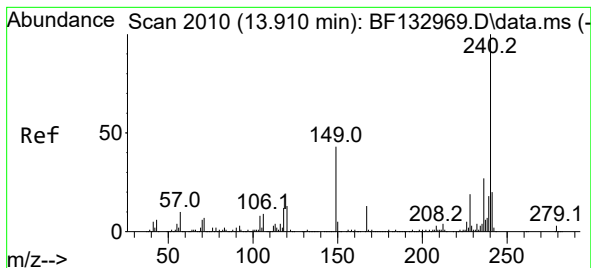
Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.3

203 17.5 0.0 38.1





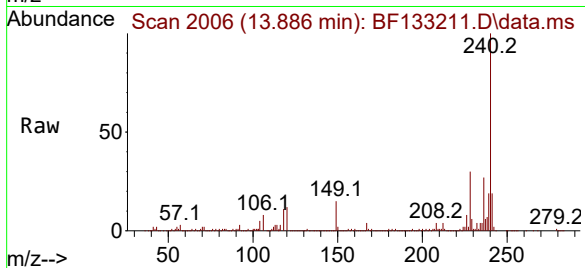
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

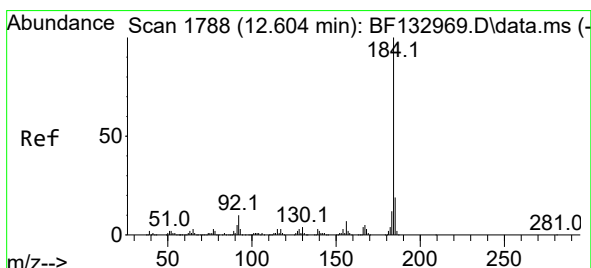
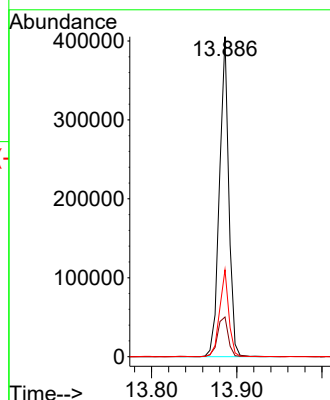
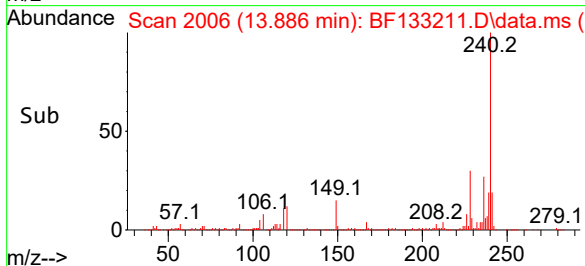


Tgt Ion:240 Resp: 307937
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 27.2 21.5 32.3

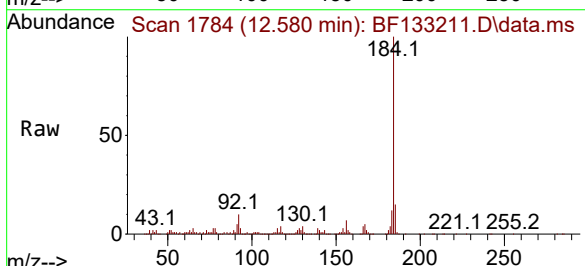
Manual Integrations

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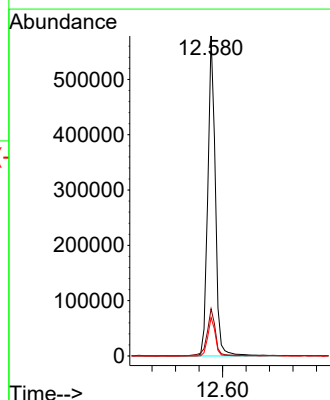
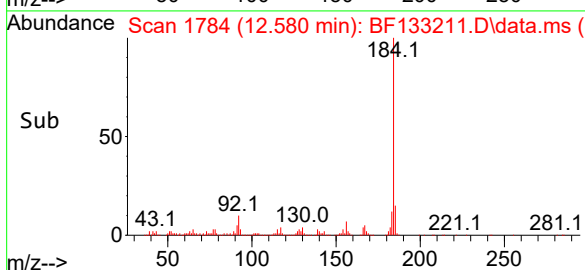
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

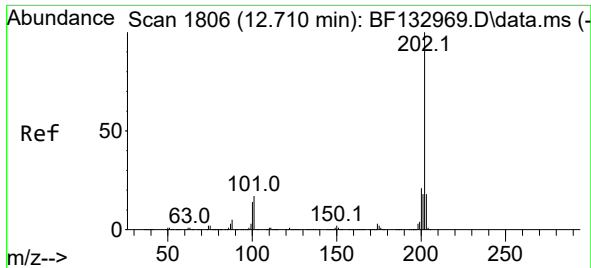


#77
Benzidine
Concen: 98.688 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



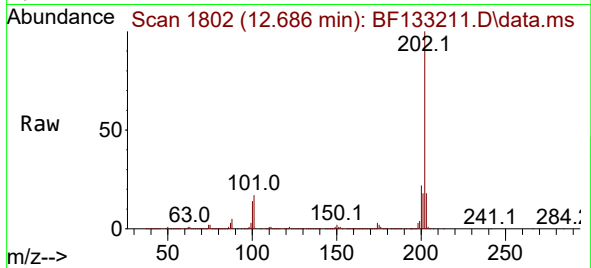
Tgt Ion:184 Resp: 513908
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2#
183 12.0 9.4 14.0





#78
Pyrene
Concen: 51.040 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

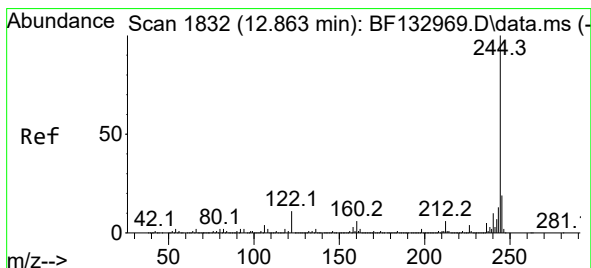
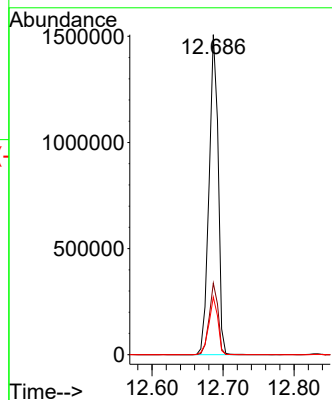
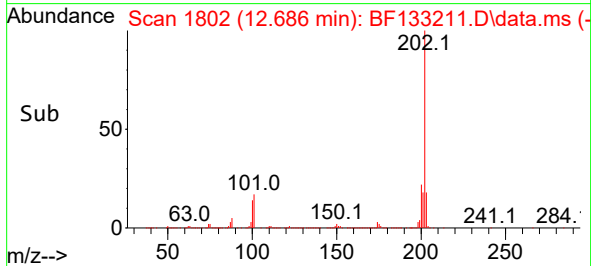
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



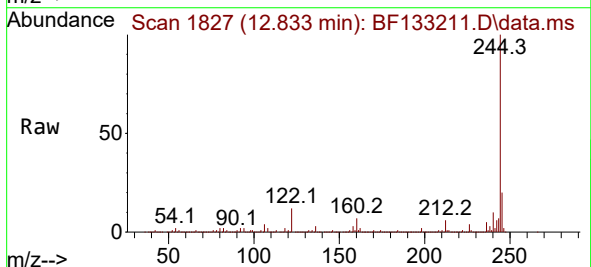
Tgt Ion:202 Resp: 1347310
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 18.0 14.1 21.1

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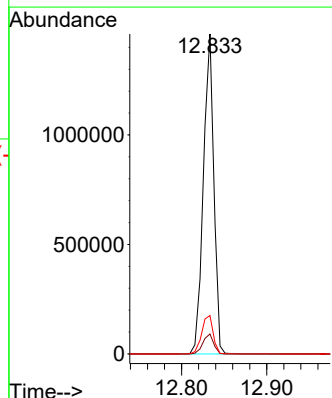
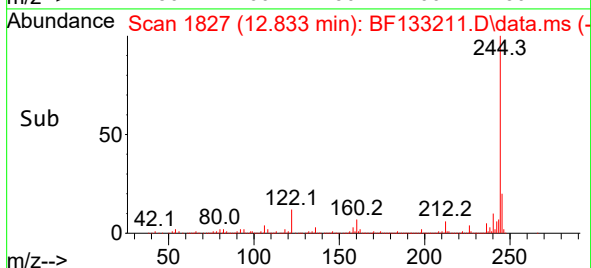
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

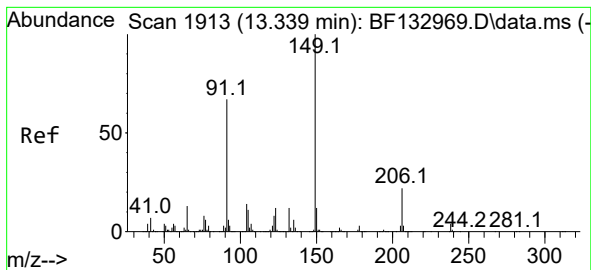


#79
Terphenyl-d14
Concen: 69.793 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



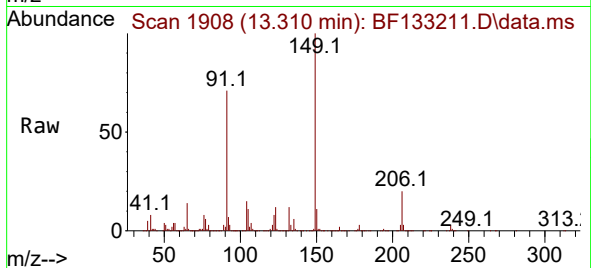
Tgt Ion:244 Resp: 1246147
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 12.0 8.6 13.0





#80
Butylbenzylphthalate
Concen: 61.404 ng
RT: 13.310 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

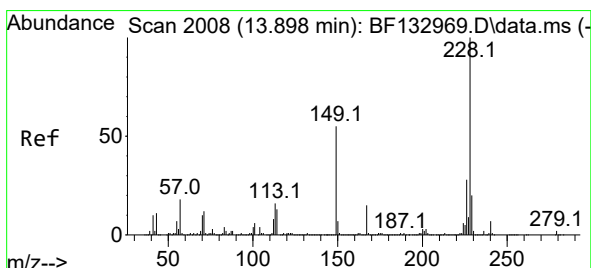
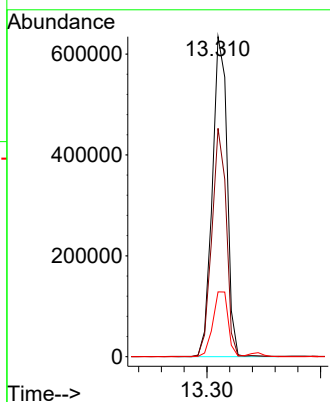
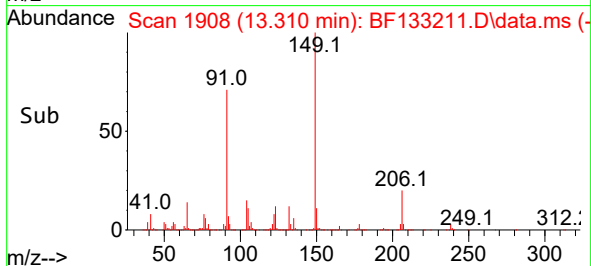
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



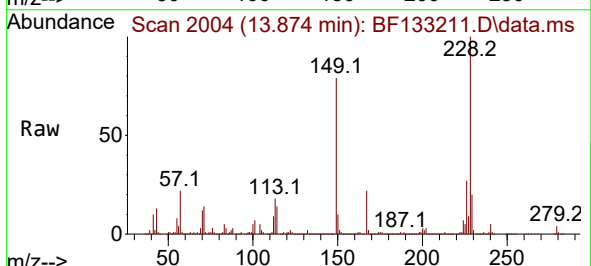
Tgt Ion:149 Resp: 573915
Ion Ratio Lower Upper
149 100
91 71.3 53.8 80.6
206 20.3 17.5 26.3

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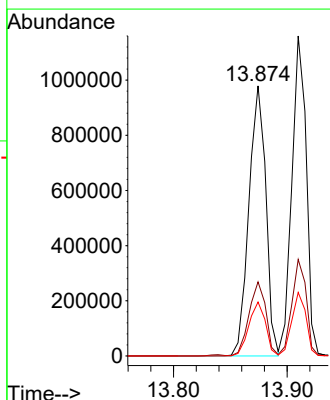
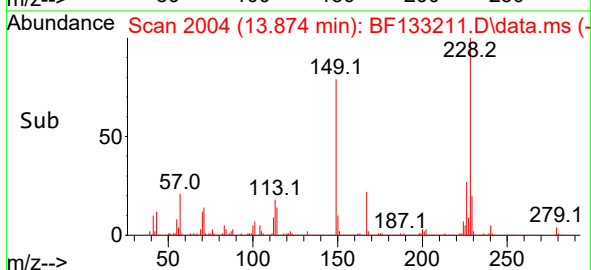
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

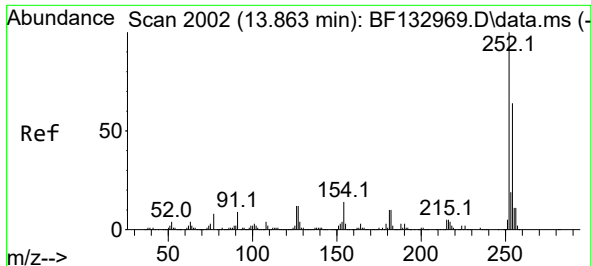


#81
Benzo(a)anthracene
Concen: 48.029 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14



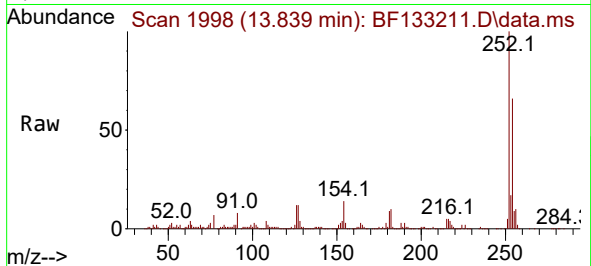
Tgt Ion:228 Resp: 1017054
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 20.0 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 40.221 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

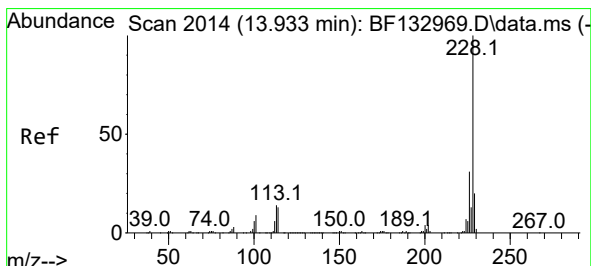
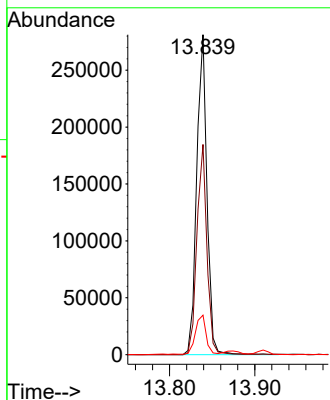
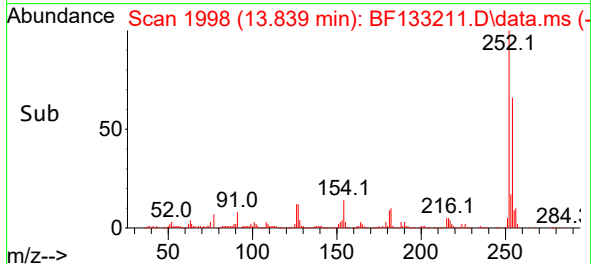
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:252 Resp: 235280
Ion Ratio Lower Upper
252 100
254 65.7 51.5 77.3
126 12.3 9.5 14.3

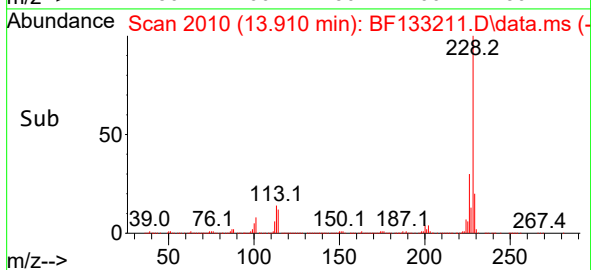
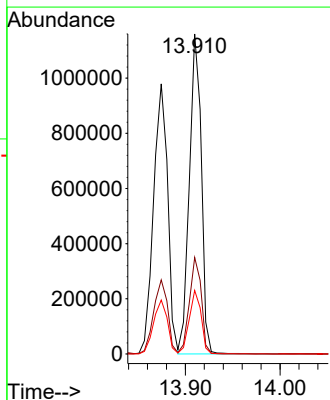
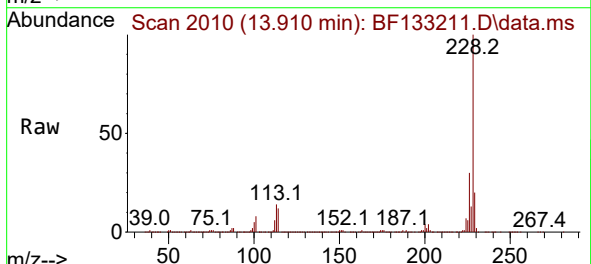
Manual Integrations
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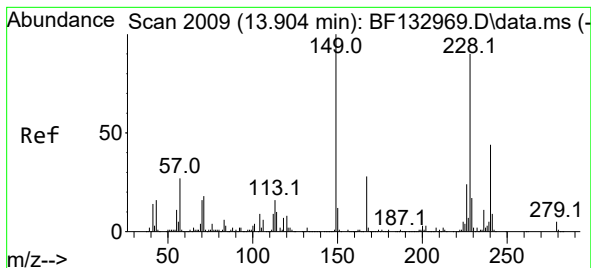
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#83
Chrysene
Concen: 48.259 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

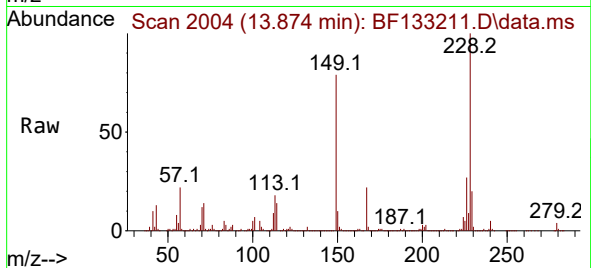
Tgt Ion:228 Resp: 1021672
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 19.8 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 57.362 ng
RT: 13.874 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

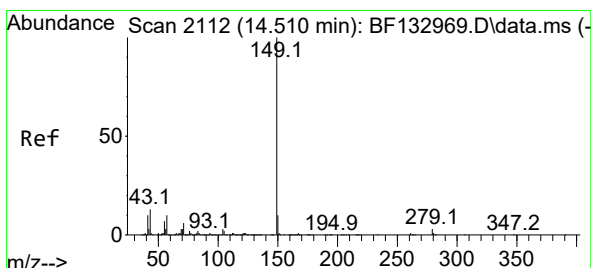
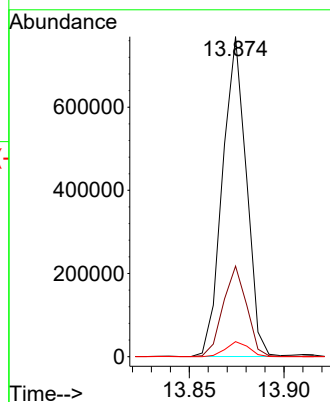
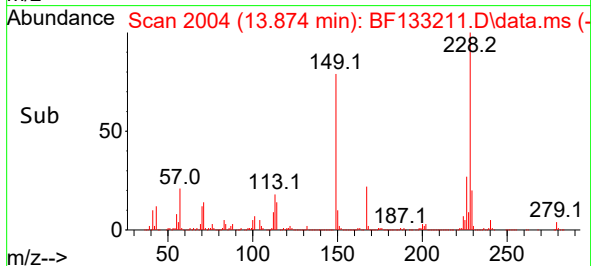
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:149 Resp: 672952
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 4.7 4.2 6.4

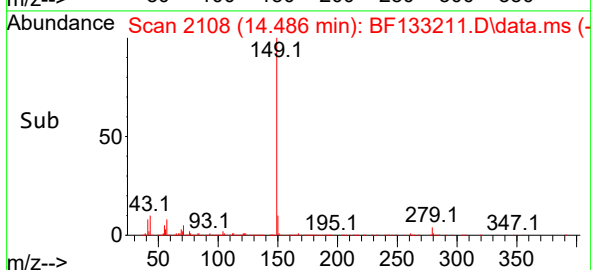
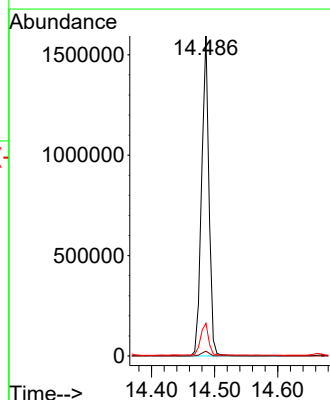
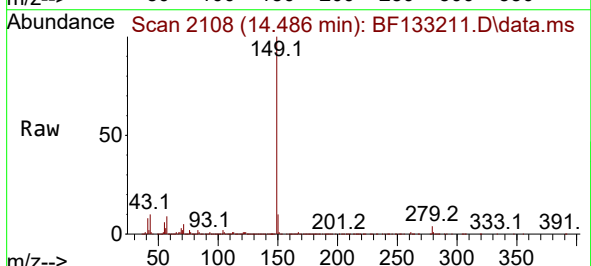
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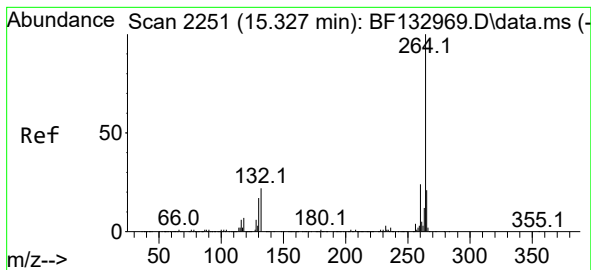
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#85
Di-n-octyl phthalate
Concen: 67.394 ng
RT: 14.486 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

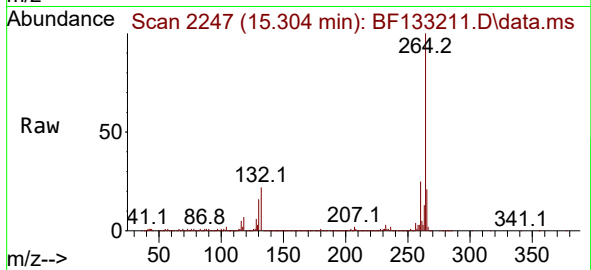
Tgt Ion:149 Resp: 1289189
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

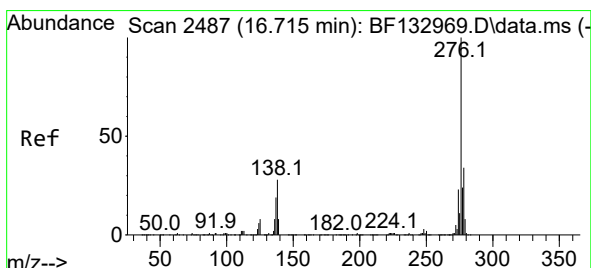
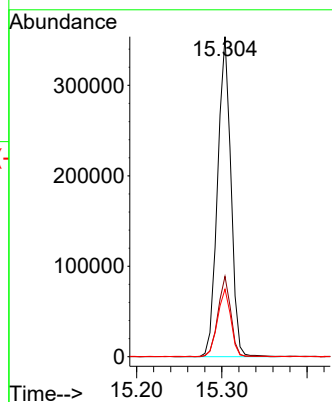
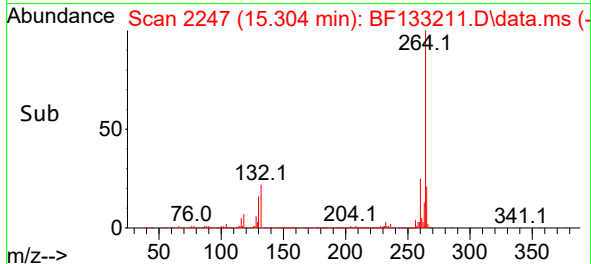
Instrument :
BNA_F
ClientSampleId :
CF-24MSD



Tgt Ion:264 Resp: 38531
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 21.1 17.0 25.4

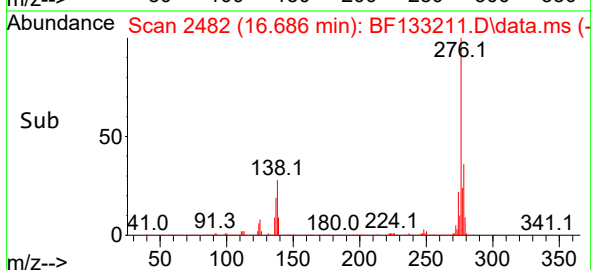
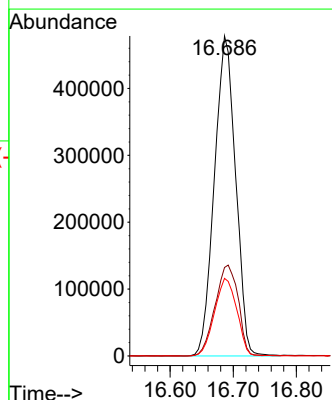
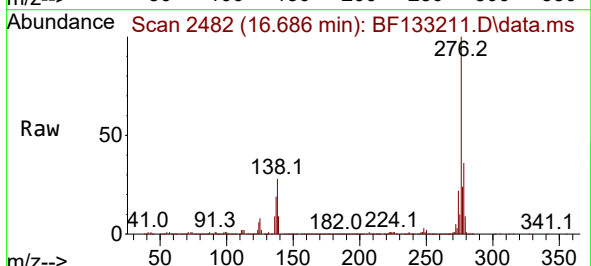
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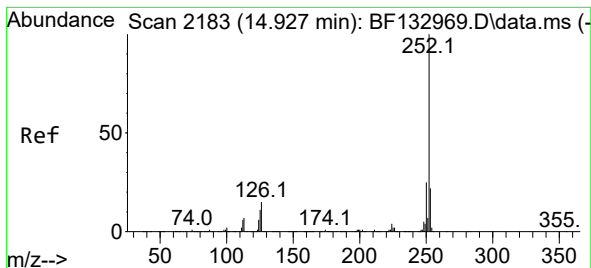
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 51.017 ng
RT: 16.686 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:276 Resp: 1118164
Ion Ratio Lower Upper
276 100
138 30.9 25.5 38.3
277 25.6 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 49.190 ng

RT: 14.904 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BF133211.D

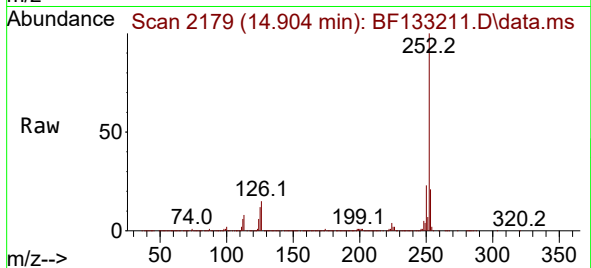
Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD



Tgt Ion:252 Resp: 1205798

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

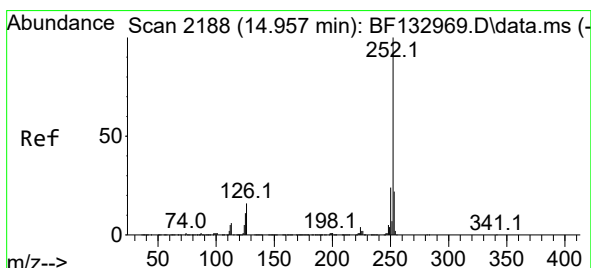
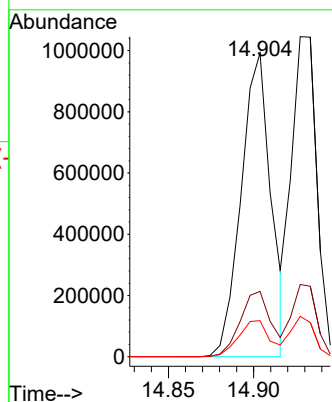
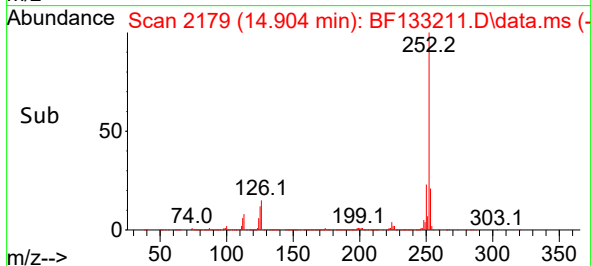
125 11.8 8.9 13.3

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Supervised By :Jagrut Upadhyay 05/04/2023



#89

Benzo(k)fluoranthene

Concen: 44.611 ng

RT: 14.927 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

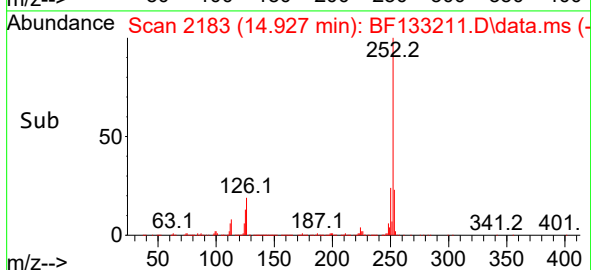
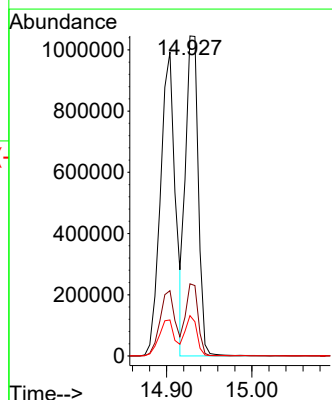
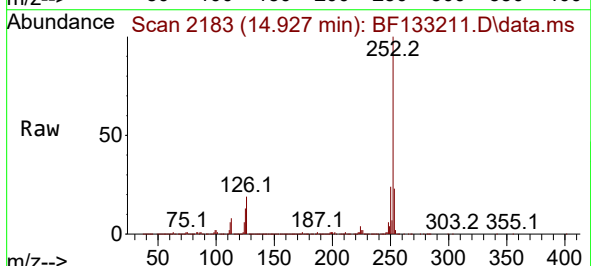
Tgt Ion:252 Resp: 1084032

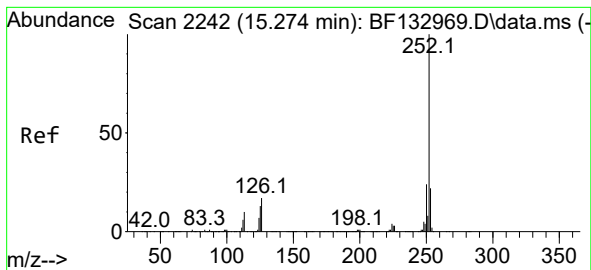
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 12.6 9.0 13.4





#90

Benzo(a)pyrene

Concen: 46.410 ng

RT: 15.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

Tgt Ion:252 Resp: 103549

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

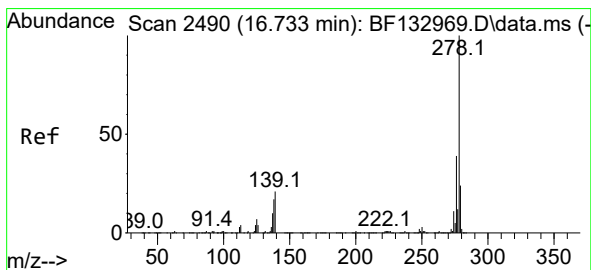
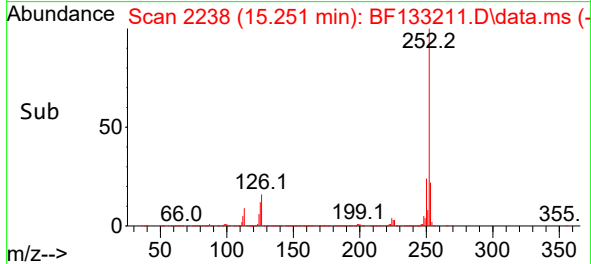
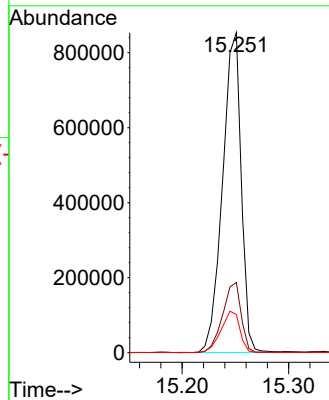
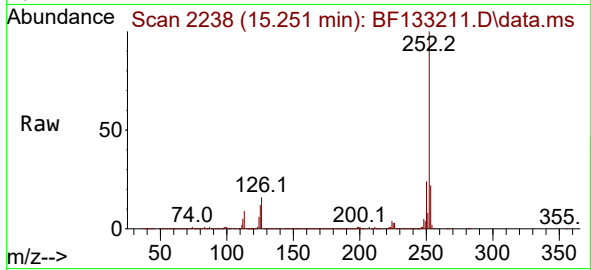
125 11.9 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#91

Dibenzo(a,h)anthracene

Concen: 51.570 ng

RT: 16.704 min Scan# 2485

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

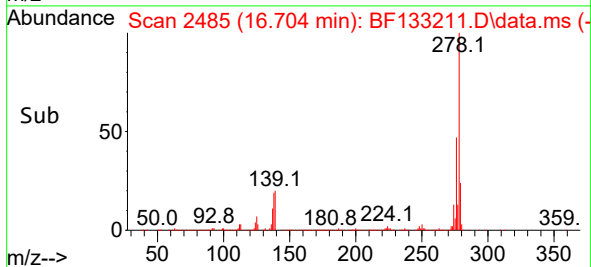
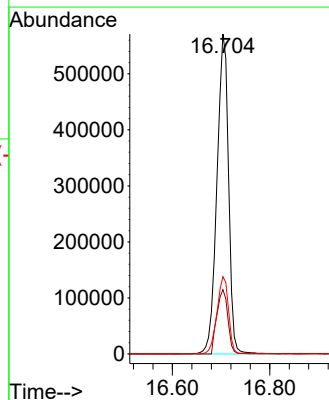
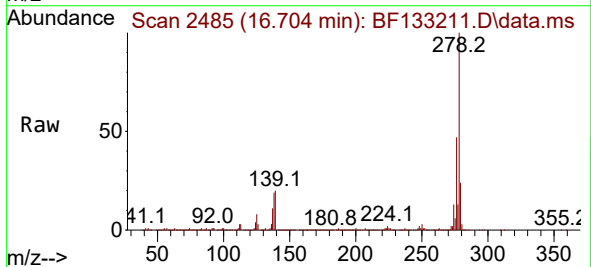
Tgt Ion:278 Resp: 942718

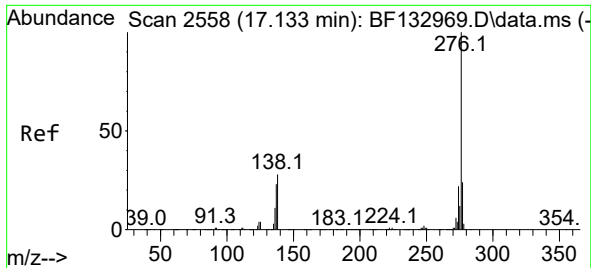
Ion Ratio Lower Upper

278 100

139 20.1 16.6 24.8

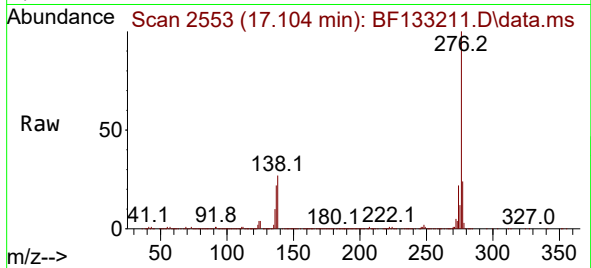
279 24.2 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 46.922 ng
 RT: 17.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD



Tgt Ion:276 Resp: 846814
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.4 29.0
 138 27.1 22.7 34.1

Manual Integrations
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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

