

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130239.D
 Acq On : 14 Sep 2022 14:48
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 14 16:03:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	111859	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	420404	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	211251	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	346577	20.000	ng	0.00
76) Chrysene-d12	13.816	240	194174	20.000	ng	0.00
86) Perylene-d12	15.204	264	167272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	510682	79.185	ng	0.00
7) Phenol-d6	6.310	99	632153	78.339	ng	0.00
23) Nitrobenzene-d5	7.251	82	649124	78.883	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	163787	80.915	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1107661	76.353	ng	0.00
79) Terphenyl-d14	12.774	244	981317	83.716	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.316	88	112585m	38.011	ng	
3) Pyridine	2.999	79	303525	39.284	ng	100
4) n-Nitrosodimethylamine	2.963	42	164307	39.100	ng	93
6) Aniline	6.345	93	383162	38.537	ng	99
8) 2-Chlorophenol	6.463	128	288960	39.333	ng	96
9) Benzaldehyde	6.228	77	208722	38.615	ng	97
10) Phenol	6.328	94	373157	39.460	ng	97
11) bis(2-Chloroethyl)ether	6.422	93	265039	38.857	ng	96
12) 1,3-Dichlorobenzene	6.616	146	318493	39.400	ng	97
13) 1,4-Dichlorobenzene	6.698	146	322412	39.112	ng	97
14) 1,2-Dichlorobenzene	6.851	146	299299	38.867	ng	98
15) Benzyl Alcohol	6.828	79	257034	40.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.963	45	378228	38.019	ng	98
17) 2-Methylphenol	6.934	107	234824	39.321	ng	98
18) Hexachloroethane	7.187	117	127363	39.196	ng	95
19) n-Nitroso-di-n-propyla...	7.104	70	211205	38.788	ng	96
20) 3+4-Methylphenols	7.092	107	305702	39.405	ng	91
22) Acetophenone	7.092	105	397251	38.650	ng	# 96
24) Nitrobenzene	7.269	77	326874	39.120	ng	95
25) Isophorone	7.504	82	515558	38.872	ng	99
26) 2-Nitrophenol	7.581	139	145161	42.380	ng	96
27) 2,4-Dimethylphenol	7.622	122	209332	39.692	ng	96
28) bis(2-Chloroethoxy)met...	7.722	93	289980	38.828	ng	99
29) 2,4-Dichlorophenol	7.822	162	231075	39.982	ng	97
30) 1,2,4-Trichlorobenzene	7.904	180	246789	39.496	ng	95
31) Naphthalene	7.986	128	858029	39.616	ng	99
32) Benzoic acid	7.739	122	174275m	42.730	ng	
33) 4-Chloroaniline	8.034	127	325212	39.480	ng	97
34) Hexachlorobutadiene	8.098	225	157869	39.533	ng	98
35) Caprolactam	8.416	113	67892	40.977	ng	88
36) 4-Chloro-3-methylphenol	8.516	107	251342	39.235	ng	96
37) 2-Methylnaphthalene	8.675	142	540077	39.109	ng	99
38) 1-Methylnaphthalene	8.769	142	520663	39.248	ng	98
40) 1,2,4,5-Tetrachloroben...	8.839	216	225251	39.071	ng	99
41) Hexachlorocyclopentadiene	8.822	237	126329	40.928	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	162073	40.281	ng	95

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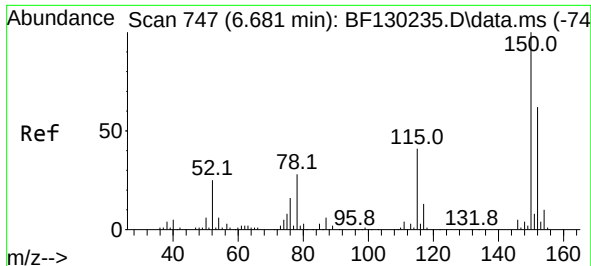
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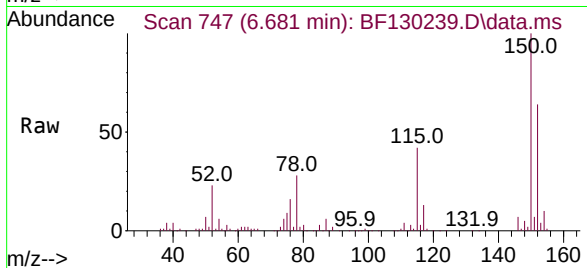
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.986	196	170850	39.350	ng	94
46) 1,1'-Biphenyl	9.139	154	612845	38.844	ng	98
47) 2-Chloronaphthalene	9.163	162	496520	38.904	ng	98
48) 2-Nitroaniline	9.257	65	170826	40.131	ng	97
49) Acenaphthylene	9.575	152	741039	38.725	ng	100
50) Dimethylphthalate	9.445	163	565862	38.778	ng	100
51) 2,6-Dinitrotoluene	9.504	165	123378	40.428	ng	91
52) Acenaphthene	9.745	154	493197m	39.227	ng	
53) 3-Nitroaniline	9.669	138	137735	40.503	ng	99
54) 2,4-Dinitrophenol	9.769	184	61688	40.604	ng	95
55) Dibenzofuran	9.916	168	674652	38.578	ng	98
56) 4-Nitrophenol	9.828	139	101605	41.022	ng	94
57) 2,4-Dinitrotoluene	9.904	165	160475	41.145	ng	92
58) Fluorene	10.257	166	548439	38.347	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.033	232	136252	40.093	ng	99
60) Diethylphthalate	10.139	149	567057	38.751	ng	99
61) 4-Chlorophenyl-phenyle...	10.251	204	245137	39.072	ng	93
62) 4-Nitroaniline	10.280	138	135104	39.549	ng	97
63) Azobenzene	10.410	77	575973	38.225	ng	97
65) 4,6-Dinitro-2-methylph...	10.304	198	82087	42.548	ng	92
66) n-Nitrosodiphenylamine	10.375	169	455339	39.316	ng	97
67) 4-Bromophenyl-phenylether	10.739	248	152215	39.813	ng	94
68) Hexachlorobenzene	10.798	284	169454	39.099	ng	93
69) Atrazine	10.904	200	132944	39.280	ng	96
70) Pentachlorophenol	10.992	266	97843	42.065	ng	99
71) Phenanthrene	11.216	178	756401	38.873	ng	100
72) Anthracene	11.263	178	736925	39.245	ng	100
73) Carbazole	11.422	167	654832	38.641	ng	98
74) Di-n-butylphthalate	11.757	149	801435	39.218	ng	99
75) Fluoranthene	12.398	202	720112	38.299	ng	97
77) Benzidine	12.521	184	216804	38.463	ng	98
78) Pyrene	12.621	202	714562	42.067	ng	100
80) Butylbenzylphthalate	13.251	149	260882	41.457	ng	98
81) Benzo(a)anthracene	13.804	228	507138	39.260	ng	99
82) 3,3'-Dichlorobenzidine	13.774	252	137907	39.220	ng	100
83) Chrysene	13.845	228	486144	39.636	ng	100
84) Bis(2-ethylhexyl)phtha...	13.810	149	296141	41.085	ng	100
85) Di-n-octyl phthalate	14.421	149	442210	40.111	ng	99
87) Indeno(1,2,3-cd)pyrene	16.539	276	509439	42.947	ng	99
88) Benzo(b)fluoranthene	14.815	252	406508	37.234	ng	99
89) Benzo(k)fluoranthene	14.845	252	420725	39.174	ng	99
90) Benzo(a)pyrene	15.151	252	342091	39.550	ng	98
91) Dibenzo(a,h)anthracene	16.557	278	422313	43.399	ng	97
92) Benzo(g,h,i)perylene	16.945	276	419561	42.802	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

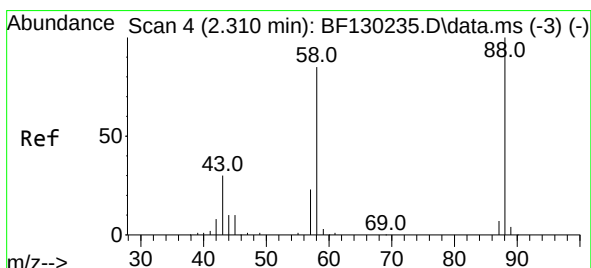
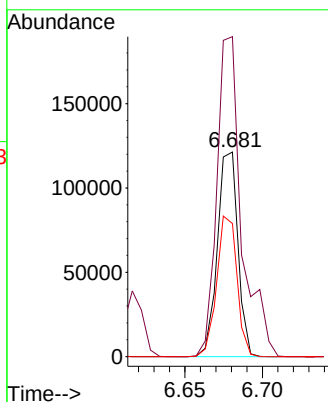
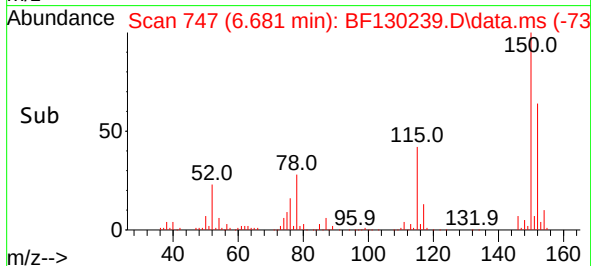
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



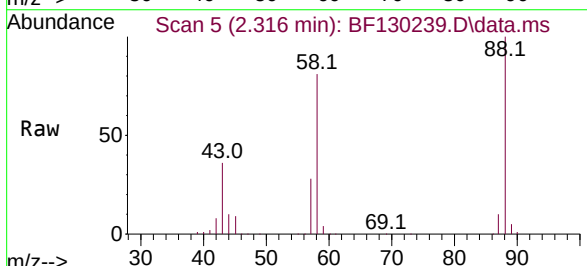
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Ion Ratio Lower Upper
152 100
150 156.4 122.8 184.2
115 65.0 53.8 80.8

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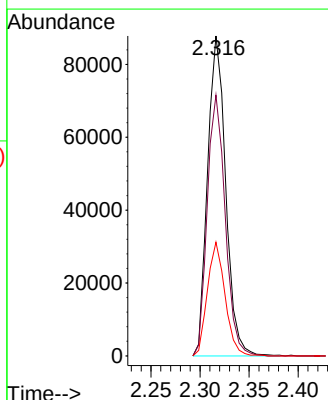
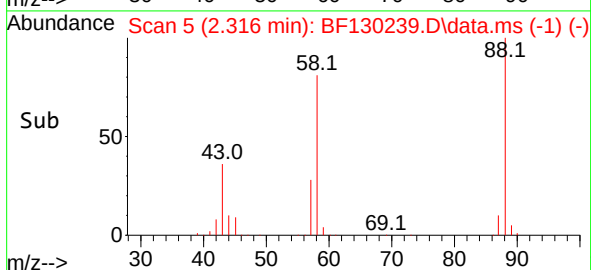
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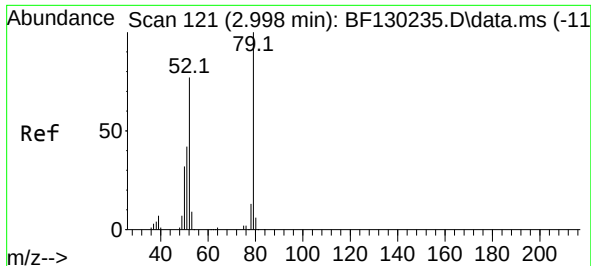


#2
1,4-Dioxane
Concen: 38.011 ng m
RT: 2.316 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



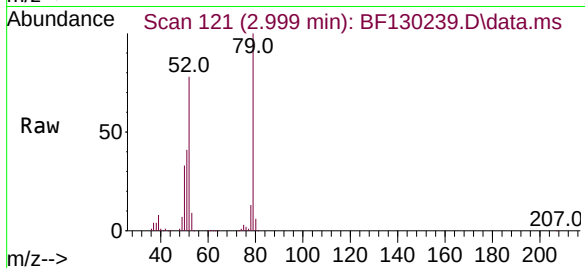
Tgt Ion: 88 Resp: 112585
Ion Ratio Lower Upper
88 100
58 71.8 61.3 91.9
43 30.5 23.0 34.6





#3
Pyridine
Concen: 39.284 ng
RT: 2.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

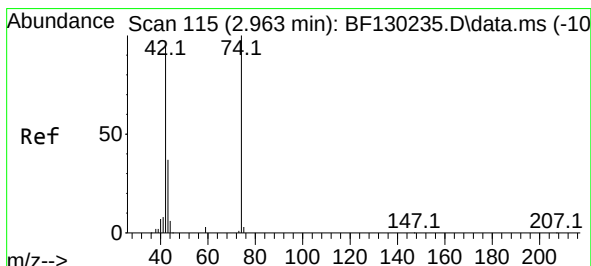
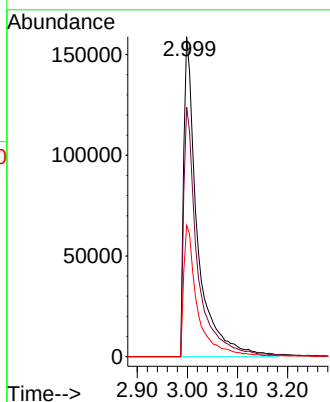
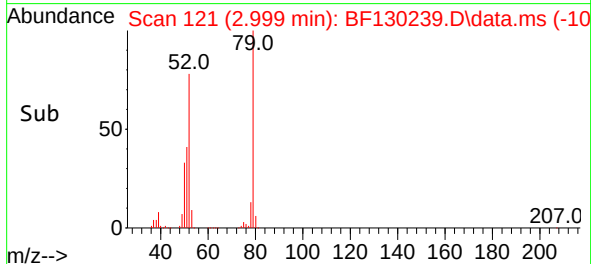
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



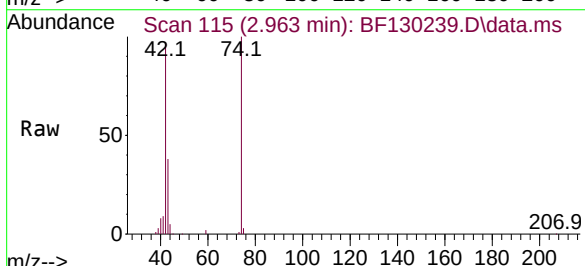
Tgt Ion: 79 Resp: 303525
Ion Ratio Lower Upper
79 100
52 78.0 62.4 93.6
51 41.0 32.2 48.4

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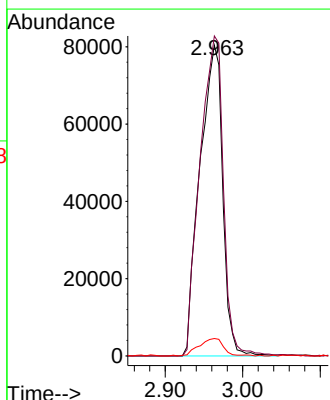
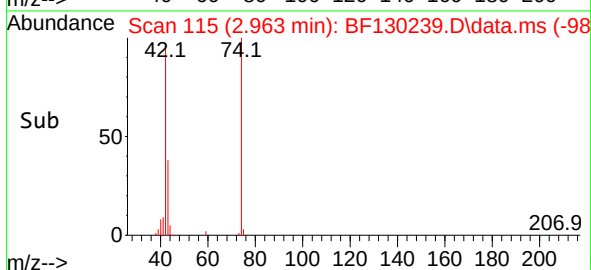
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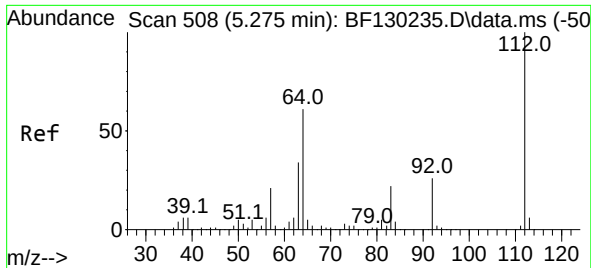


#4
n-Nitrosodimethylamine
Concen: 39.100 ng
RT: 2.963 min Scan# 115
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion: 42 Resp: 164307
Ion Ratio Lower Upper
42 100
74 103.0 88.4 132.6
44 5.6 5.0 7.4





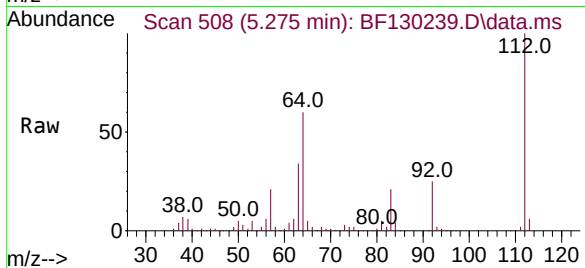
#5
2-Fluorophenol
Concen: 79.185 ng
RT: 5.275 min Scan# 508
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

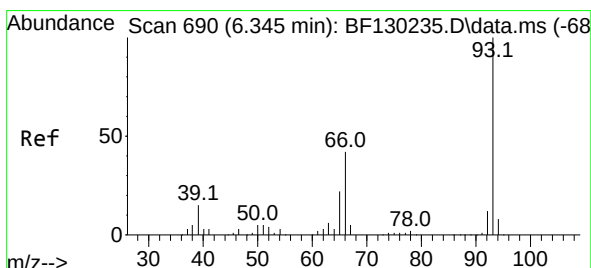
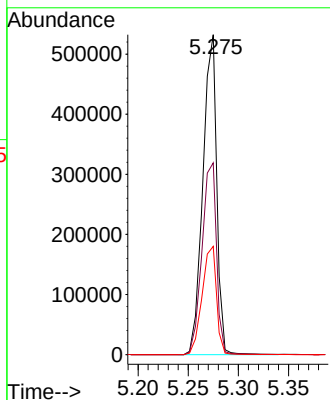
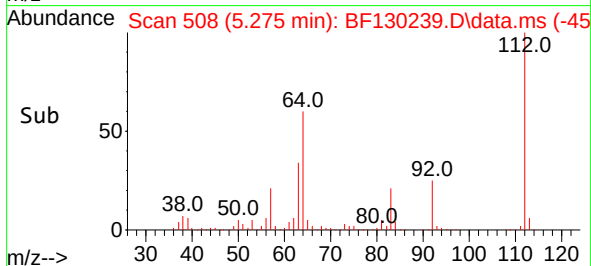


Tgt Ion:112 Resp: 510682
Ion Ratio Lower Upper
112 100
64 59.9 51.4 77.0
63 33.8 28.8 43.2

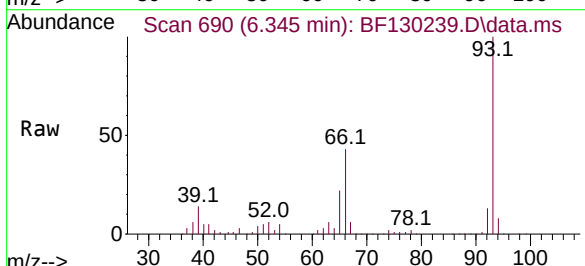
Manual Integrations

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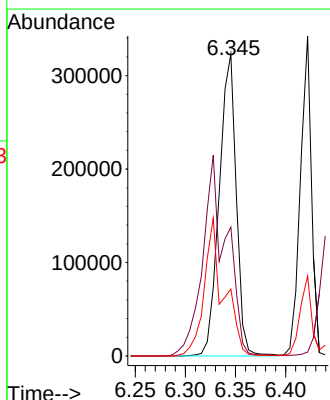
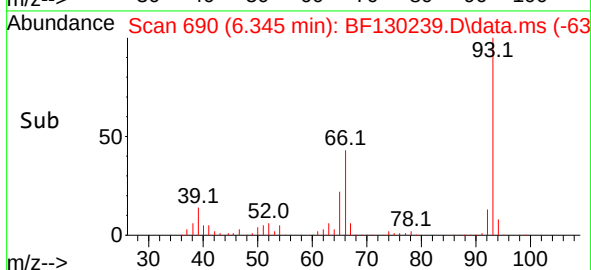
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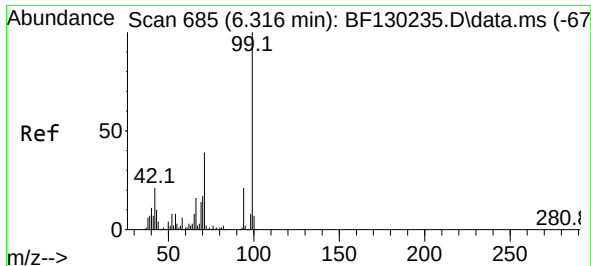


#6
Aniline
Concen: 38.537 ng
RT: 6.345 min Scan# 690
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



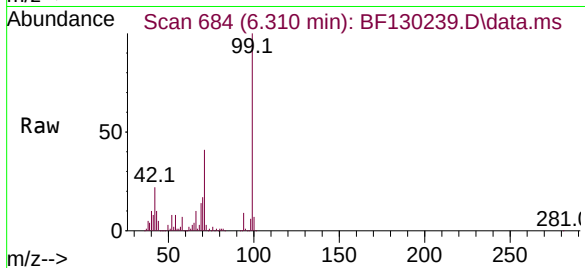
Tgt Ion: 93 Resp: 383162
Ion Ratio Lower Upper
93 100
66 42.6 34.2 51.4
65 22.1 16.6 24.8





#7
Phenol-d6
Concen: 78.339 ng
RT: 6.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

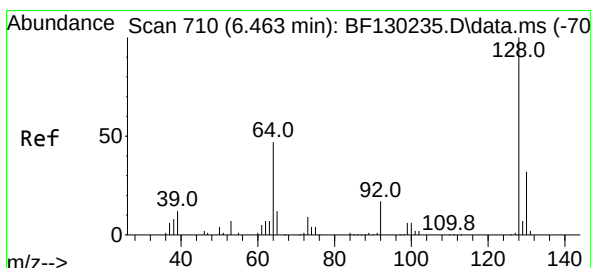
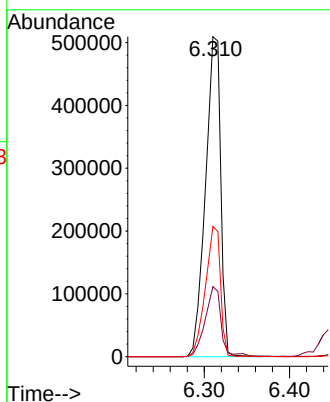
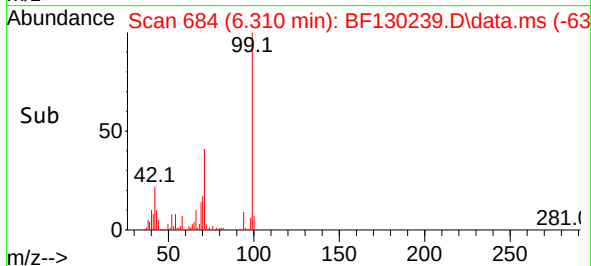
Instrument :
BNA_F
Client Sample Id :
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Tgt Ion: 99 Resp: 632153
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 40.7 32.3 48.5

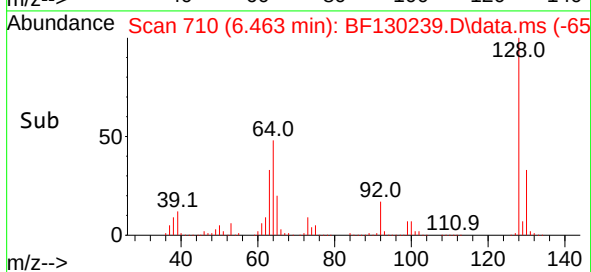
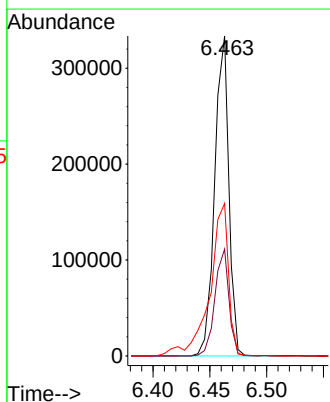
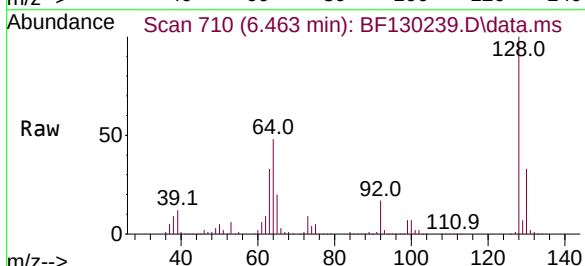
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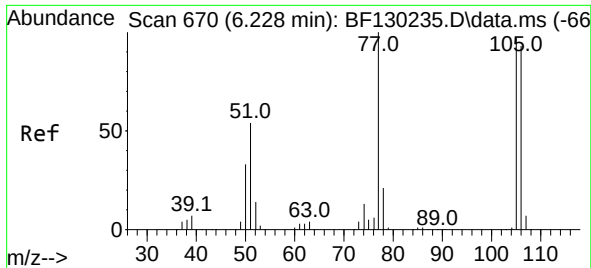
Reviewed By :Christian Giraldo 09/15/2022
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#8
2-Chlorophenol
Concen: 39.333 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

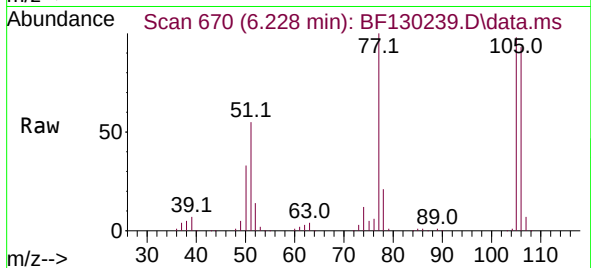
Tgt Ion:128 Resp: 288960
Ion Ratio Lower Upper
128 100
130 33.4 12.4 52.4
64 47.6 31.6 71.6





#9
Benzaldehyde
Concen: 38.615 ng
RT: 6.228 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

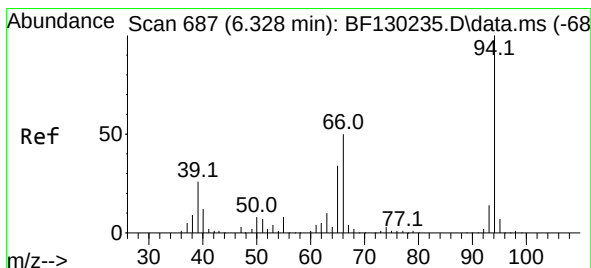
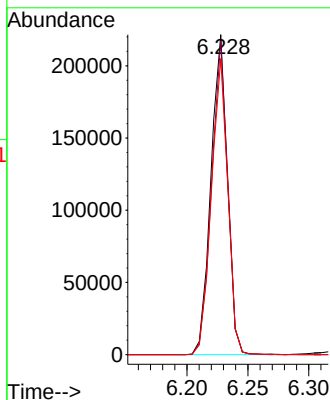
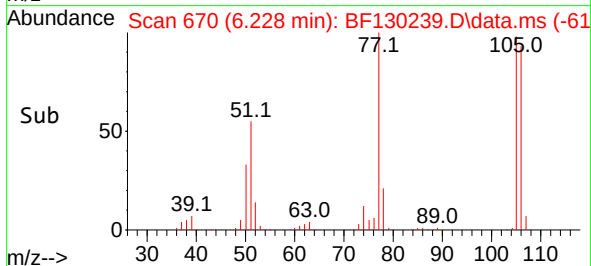
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion: 77 Resp: 208722
Ion Ratio Lower Upper
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105 98.0 75.1 115.1
106 92.5 69.7 109.7

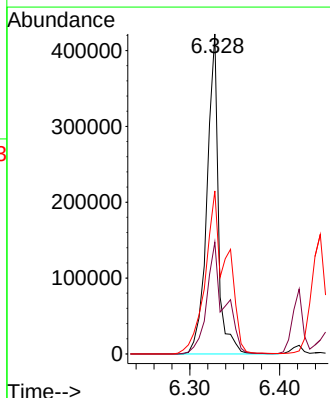
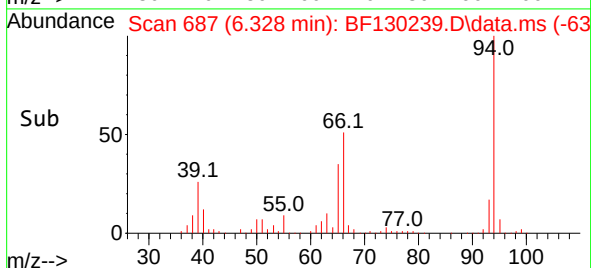
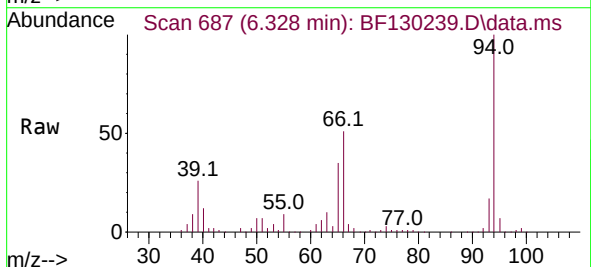
Manual Integrations
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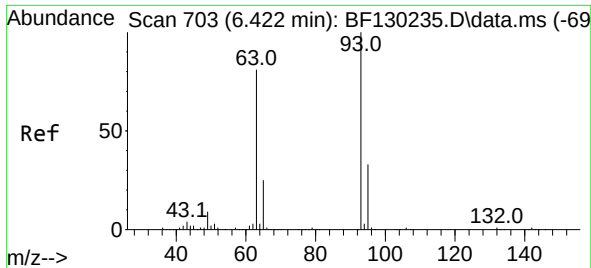
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#10
Phenol
Concen: 39.460 ng
RT: 6.328 min Scan# 687
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion: 94 Resp: 373157
Ion Ratio Lower Upper
94 100
65 34.9 14.1 54.1
66 50.9 28.1 68.1





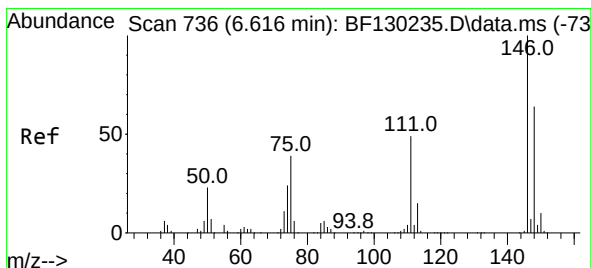
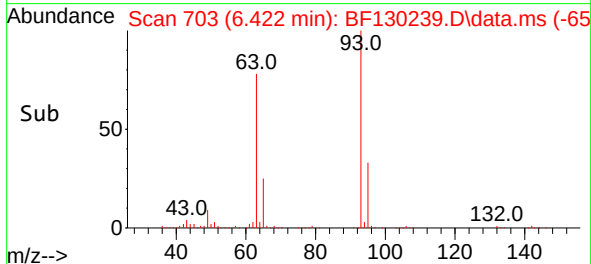
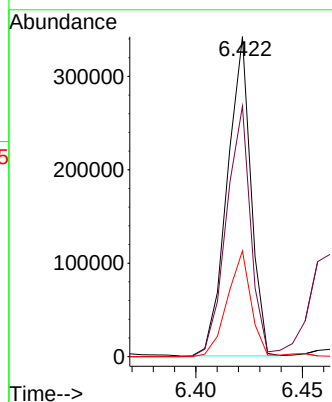
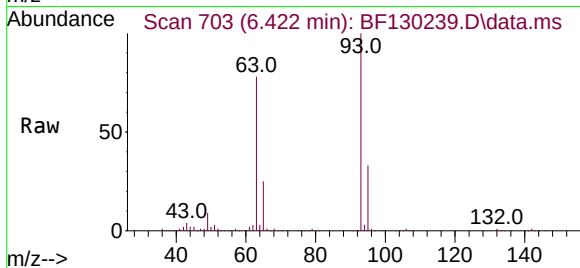
#11
bis(2-Chloroethyl)ether
Concen: 38.857 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :
BNA_F
ClientSampleId :
ICVBF091422

Tgt Ion: 93 Resp: 265039
Ion Ratio Lower Upper
93 100
63 78.3 62.5 102.5
95 33.0 12.5 52.5

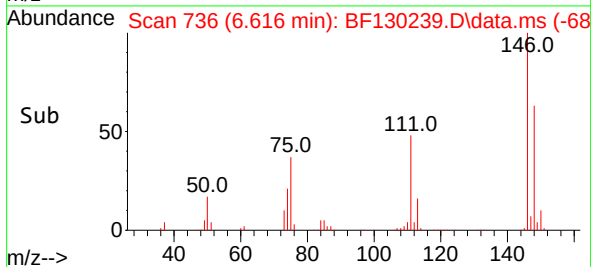
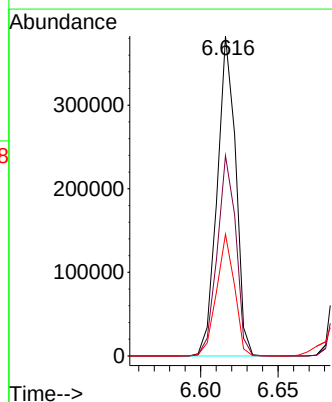
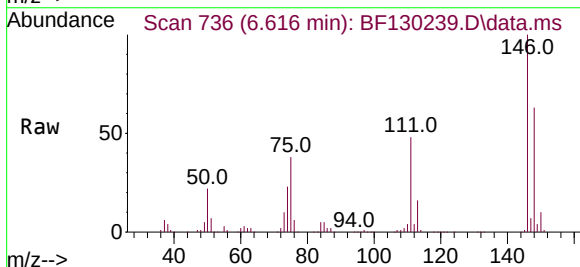
Manual Integrations
APPROVED

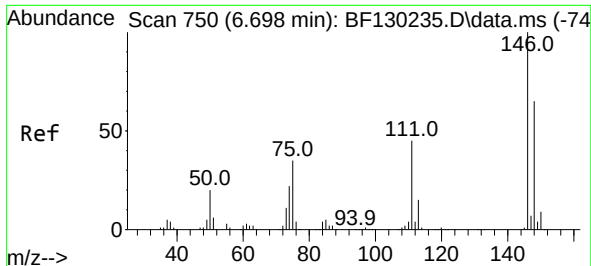
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#12
1,3-Dichlorobenzene
Concen: 39.400 ng
RT: 6.616 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:146 Resp: 318493
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
75 38.0 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 39.112 ng

RT: 6.698 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

Tgt Ion:146 Resp: 322412

Ion Ratio Lower Upper

146 100

148 65.1 50.3 75.5

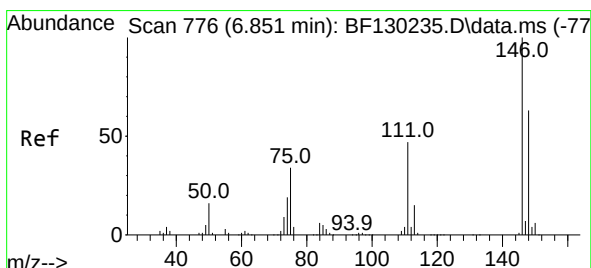
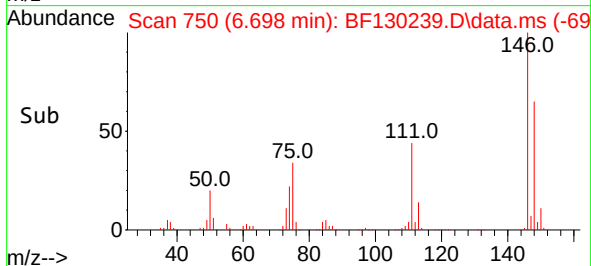
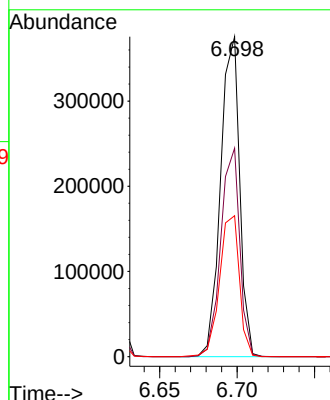
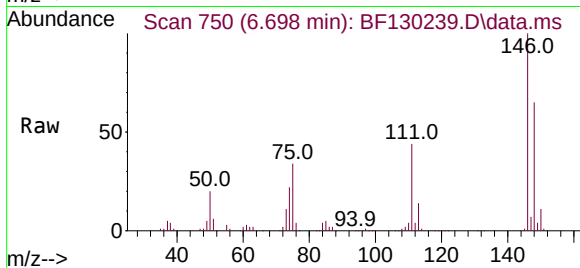
111 44.0 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#14

1,2-Dichlorobenzene

Concen: 38.867 ng

RT: 6.851 min Scan# 776

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

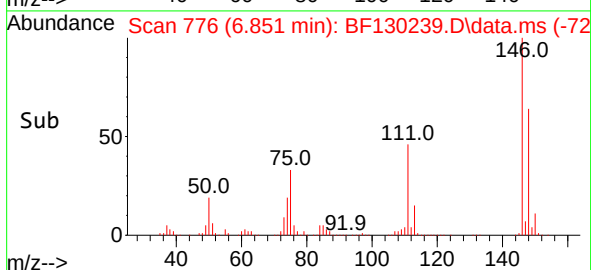
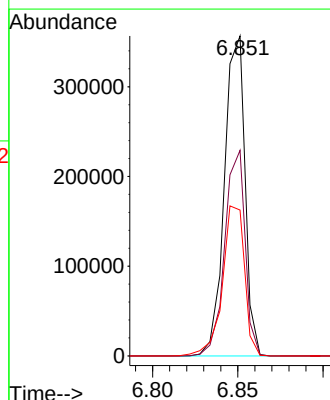
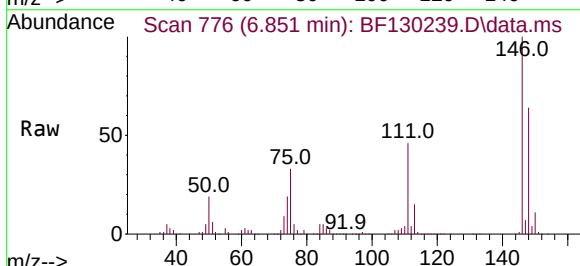
Tgt Ion:146 Resp: 299299

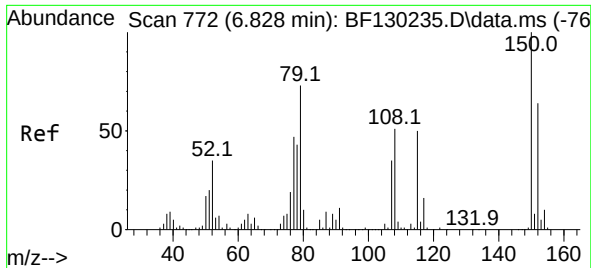
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

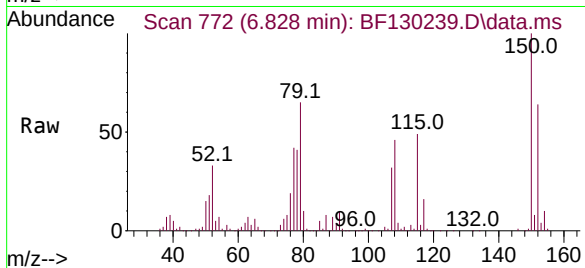
111 45.6 39.2 58.8





#15
Benzyl Alcohol
Concen: 40.175 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

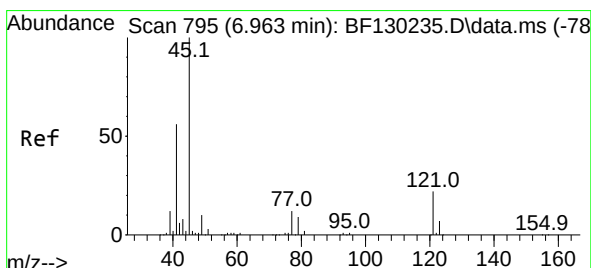
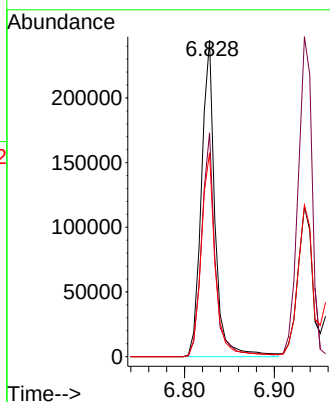
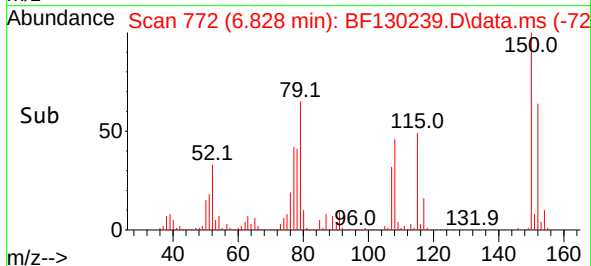
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



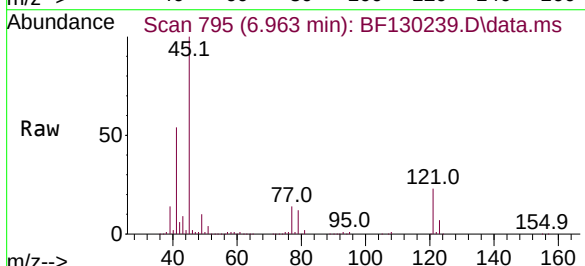
Tgt Ion: 79 Resp: 257034
Ion Ratio Lower Upper
79 100
108 70.7 54.0 81.0
77 64.4 51.3 76.9

Manual Integrations
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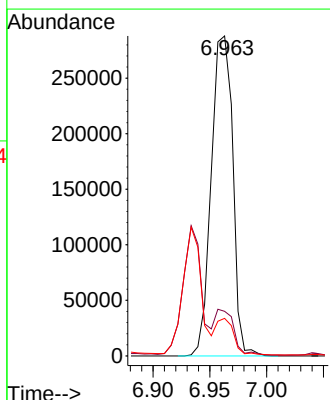
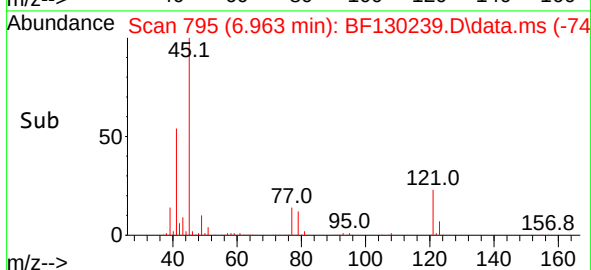
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

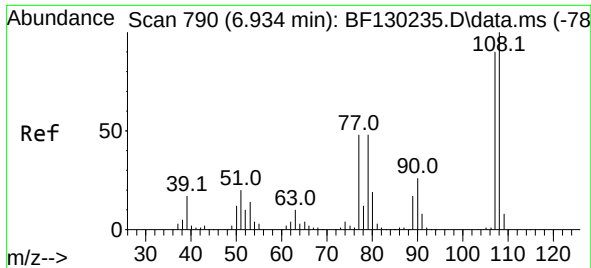


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.019 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion: 45 Resp: 378228
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.9
79 11.7 0.0 31.0





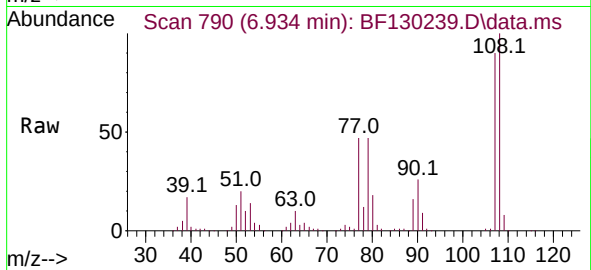
#17
2-Methylphenol
Concen: 39.321 ng
RT: 6.934 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

Client Sample Id :

ICVBF091422

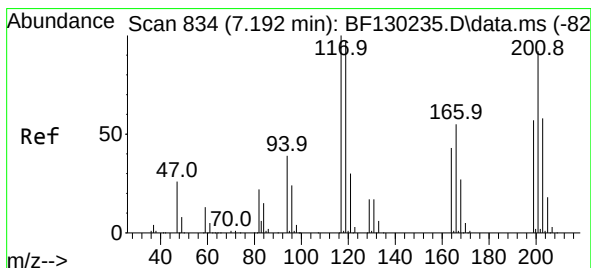
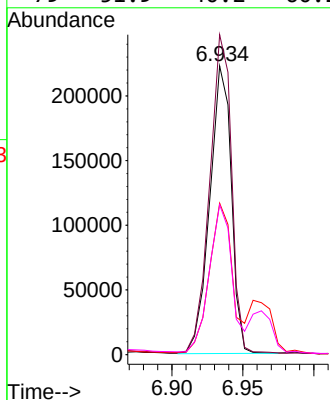
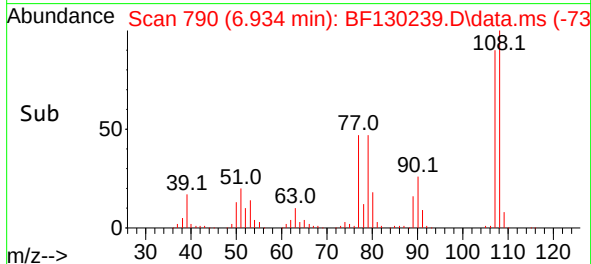


Tgt Ion:107 Resp: 234824
Ion Ratio Lower Upper
107 100
108 110.8 89.4 134.0
77 52.5 40.6 60.8
79 51.9 40.2 60.2

Manual Integrations

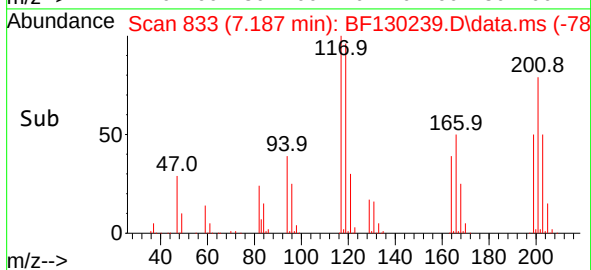
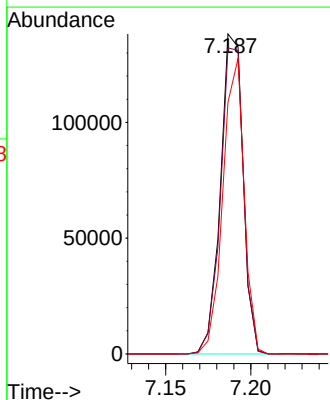
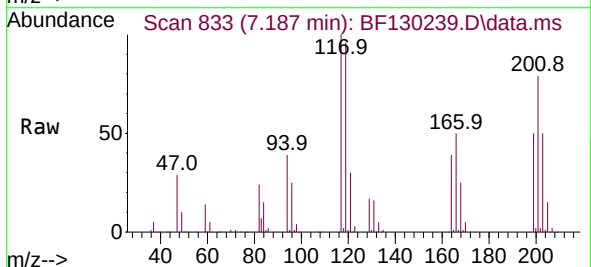
APPROVED

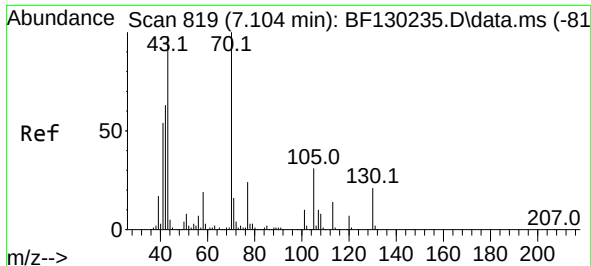
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#18
Hexachloroethane
Concen: 39.196 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

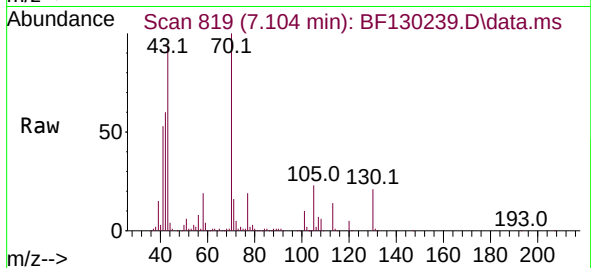
Tgt Ion:117 Resp: 127363
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6
201 78.6 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 38.788 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

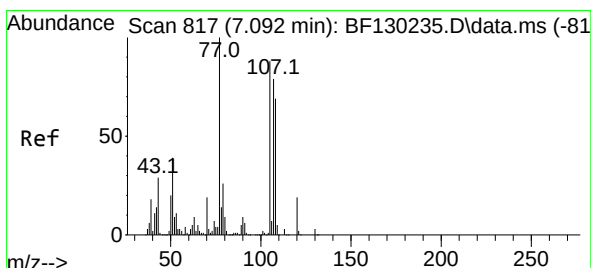
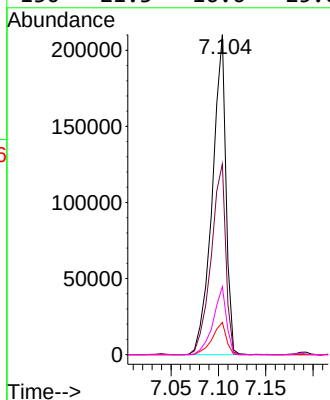
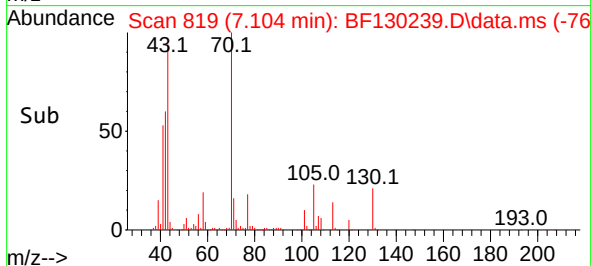
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion: 70 Resp: 211205
Ion Ratio Lower Upper
70 100
42 59.6 50.8 76.2
101 10.1 8.2 12.4
130 21.3 16.6 25.0

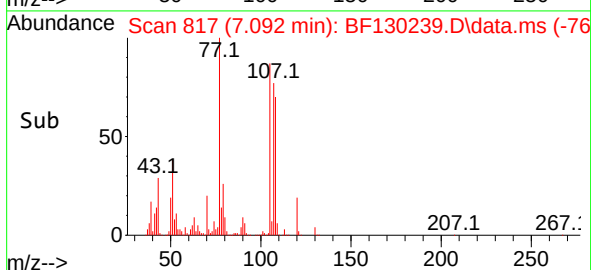
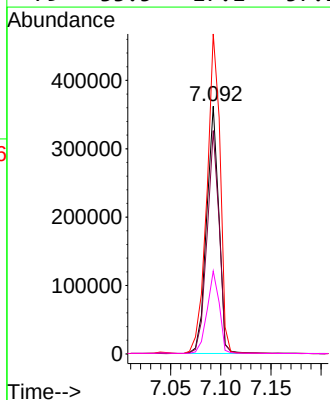
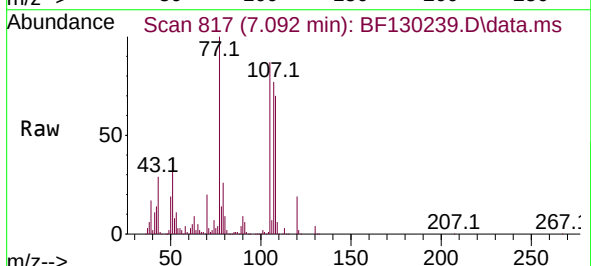
Manual Integrations
APPROVED

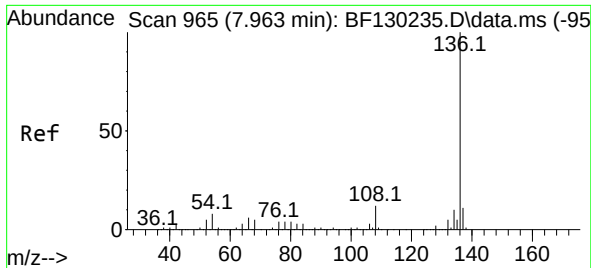
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#20
3+4-Methylphenols
Concen: 39.405 ng
RT: 7.092 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

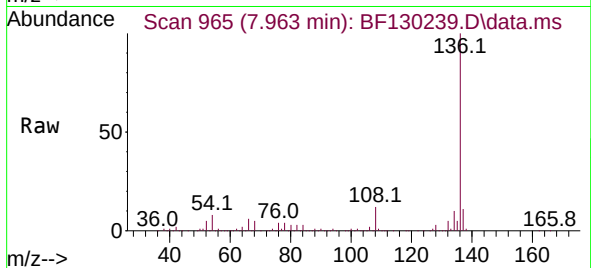
Tgt Ion:107 Resp: 305702
Ion Ratio Lower Upper
107 100
108 90.2 74.8 114.8
77 129.3 125.8 165.8
79 33.5 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

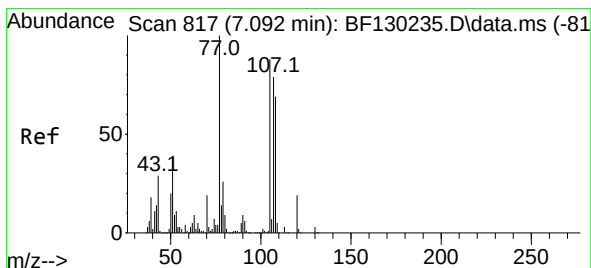
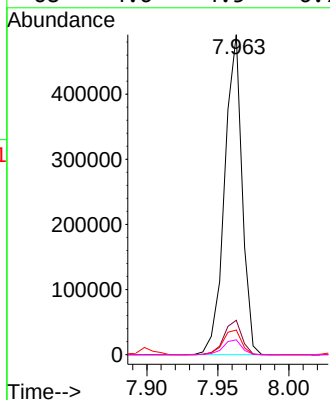
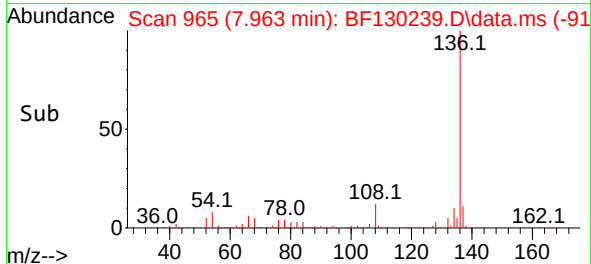
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion:	136	Resp:	420404
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.7	7.1	10.7
68	4.6	4.5	6.7

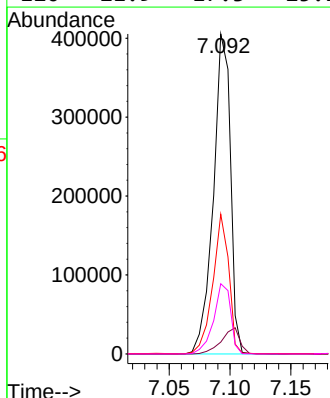
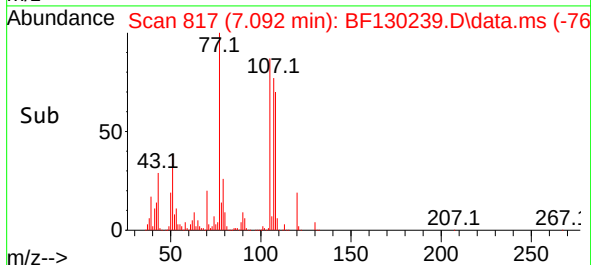
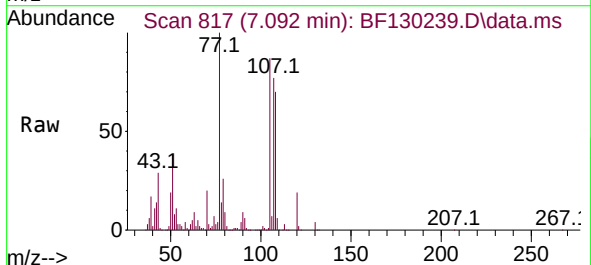
Manual Integrations
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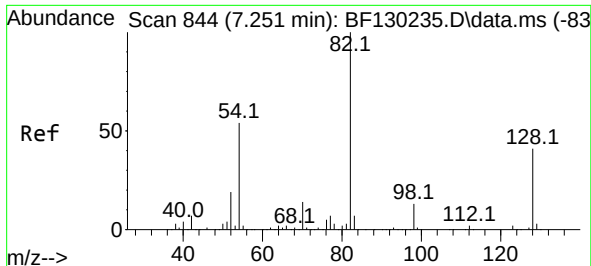
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#22
Acetophenone
Concen: 38.650 ng
RT: 7.092 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:	105	Resp:	397251
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.9	5.9
51	43.6	32.2	48.2
120	21.9	17.3	25.9





#23
Nitrobenzene-d5
Concen: 78.883 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

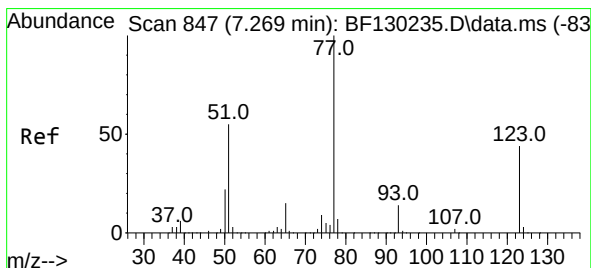
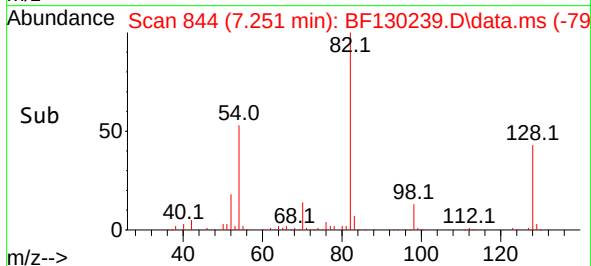
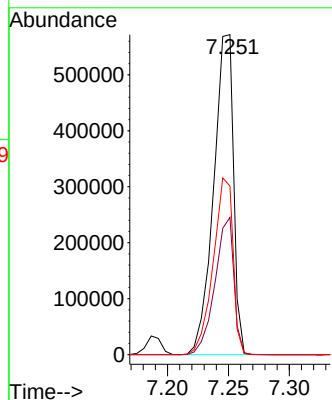
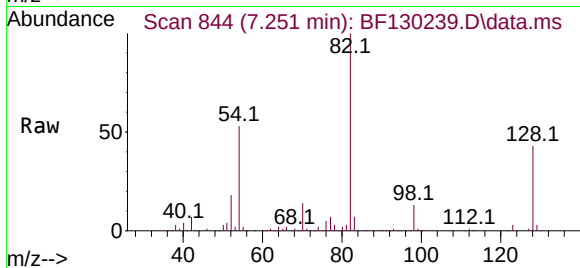
ICVBF091422

Tgt Ion: 82 Resp: 649124
Ion Ratio Lower Upper
82 100
128 42.9 32.6 49.0
54 52.7 43.8 65.6

Manual Integrations

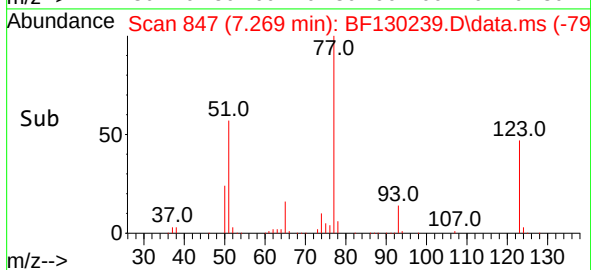
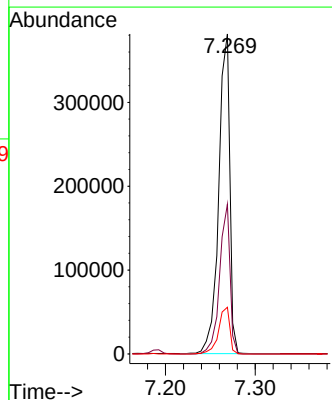
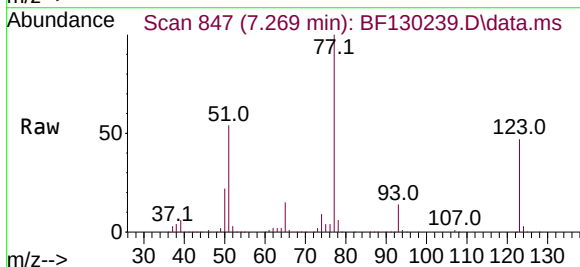
APPROVED

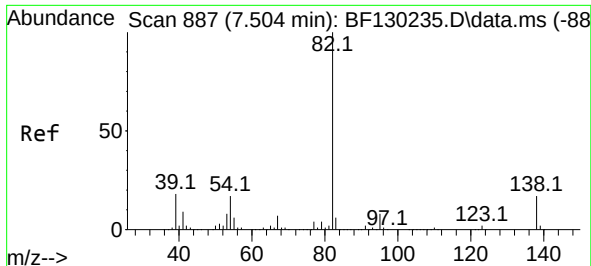
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#24
Nitrobenzene
Concen: 39.120 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

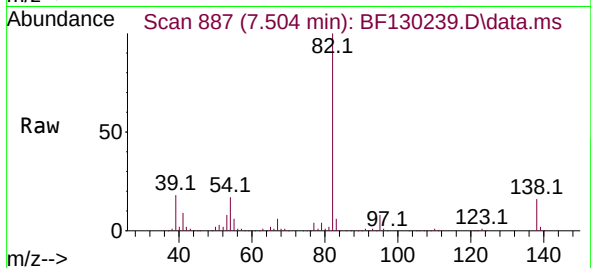
Tgt Ion: 77 Resp: 326874
Ion Ratio Lower Upper
77 100
123 46.8 34.3 51.5
65 14.6 12.0 18.0





#25
Isophorone
Concen: 38.872 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

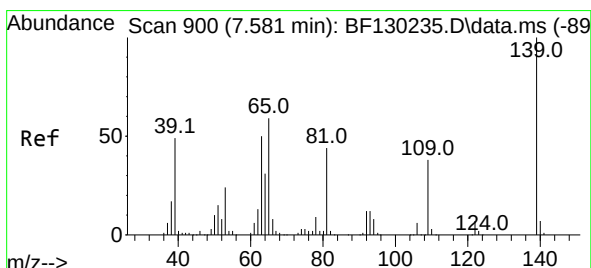
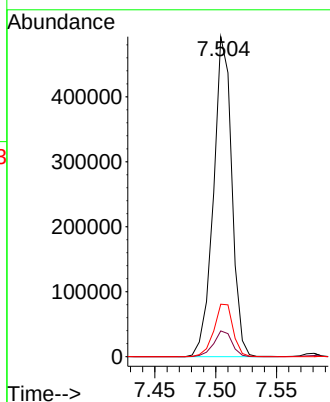
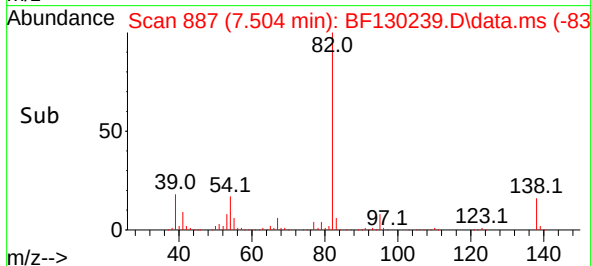
Instrument :
BNA_F
Client Sample Id :
ICVBF091422



Tgt Ion: 82 Resp: 51558
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.4 13.8 20.6

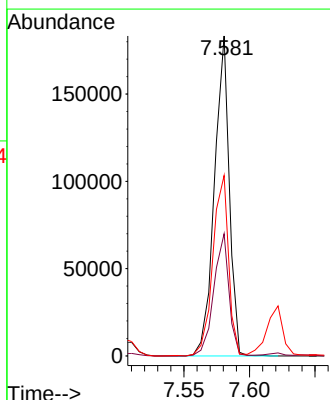
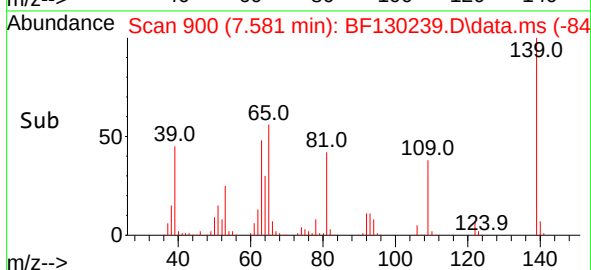
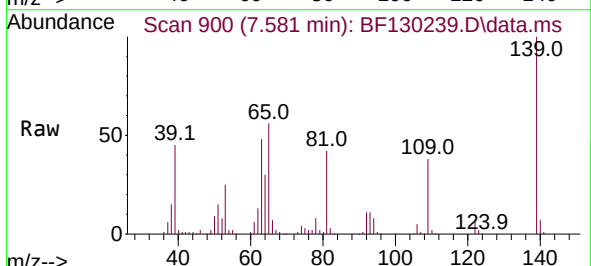
Manual Integrations
APPROVED

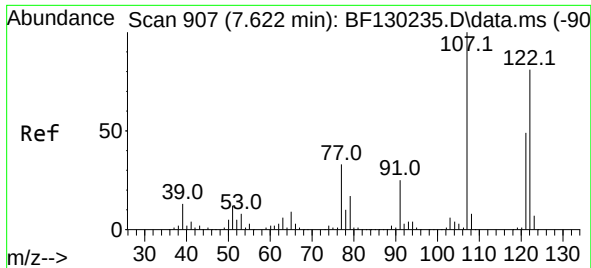
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#26
2-Nitrophenol
Concen: 42.380 ng
RT: 7.581 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:139 Resp: 145161
Ion Ratio Lower Upper
139 100
109 38.2 30.2 45.4
65 56.4 48.9 73.3





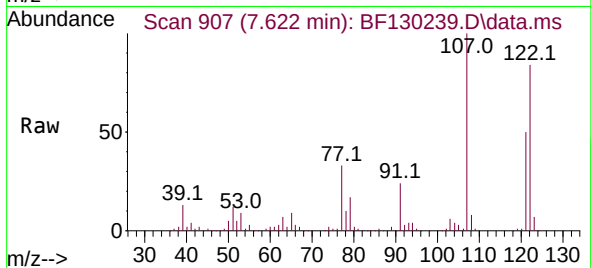
#27
2,4-Dimethylphenol
Concen: 39.692 ng
RT: 7.622 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

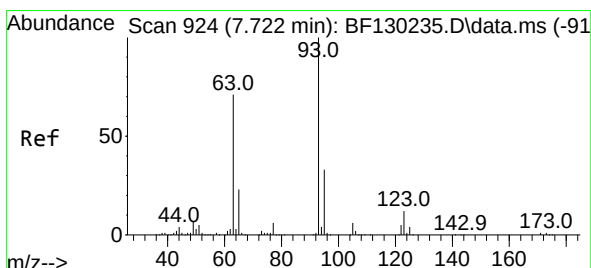
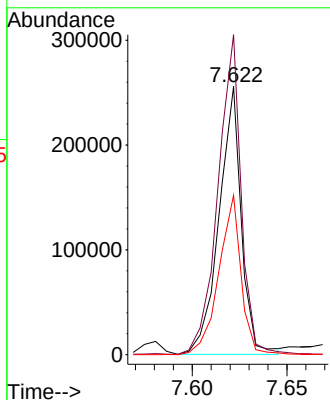
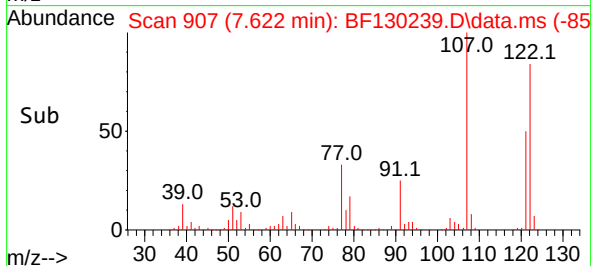


Tgt Ion:122 Resp: 209332
Ion Ratio Lower Upper
122 100
107 119.3 100.2 150.2
121 59.4 47.8 71.8

Manual Integrations

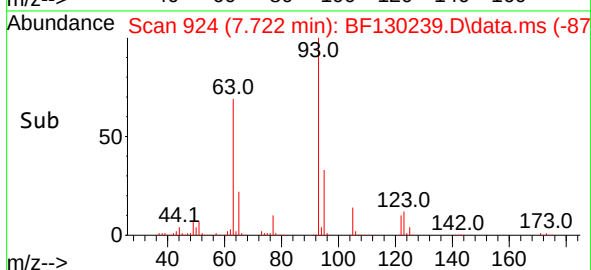
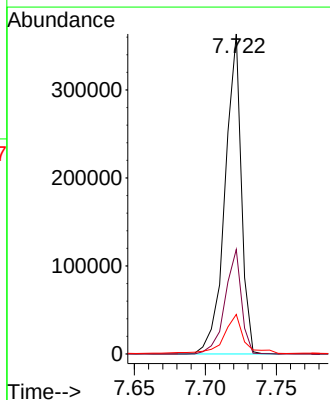
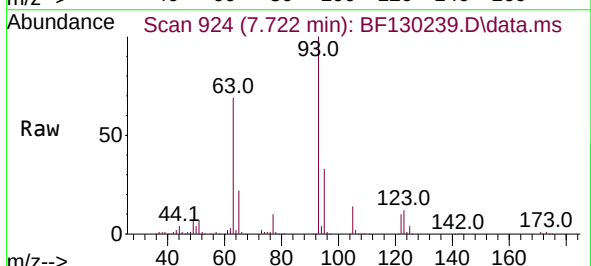
APPROVED

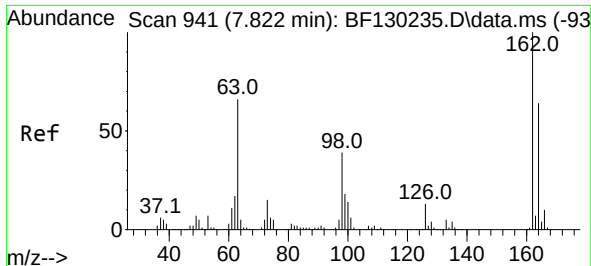
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#28
bis(2-Chloroethoxy)methane
Concen: 38.828 ng
RT: 7.722 min Scan# 924
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion: 93 Resp: 289980
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 12.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 39.982 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

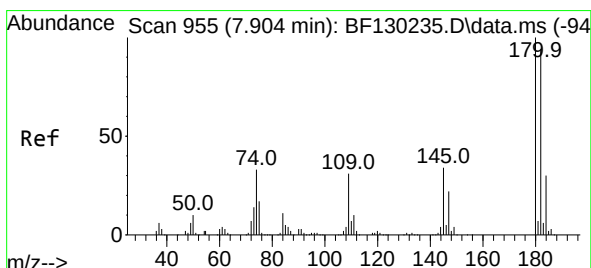
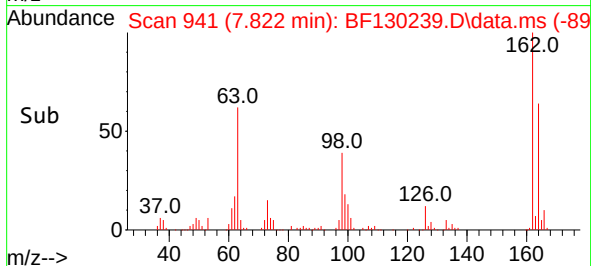
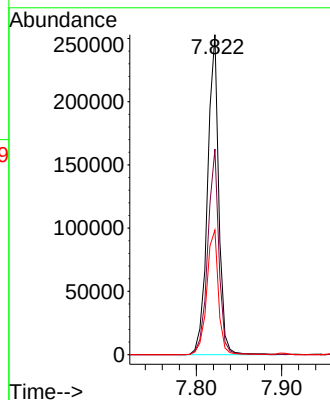
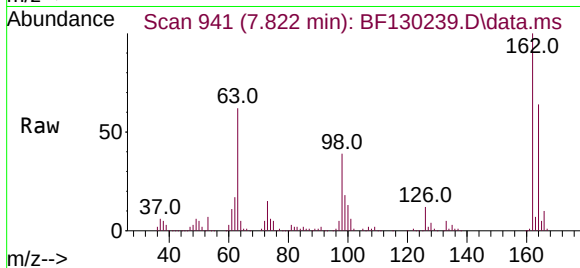
ICVBF091422

Tgt Ion:	162	Resp:	231075
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.2	82.2
98	38.9	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.496 ng

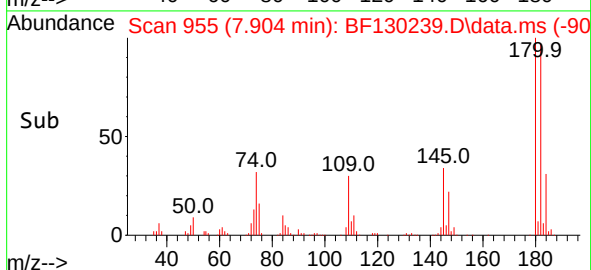
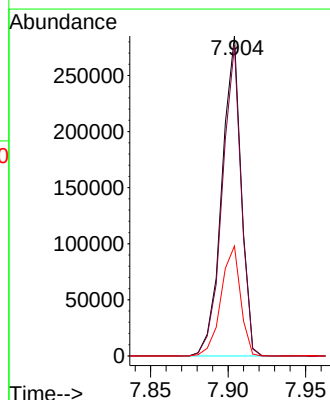
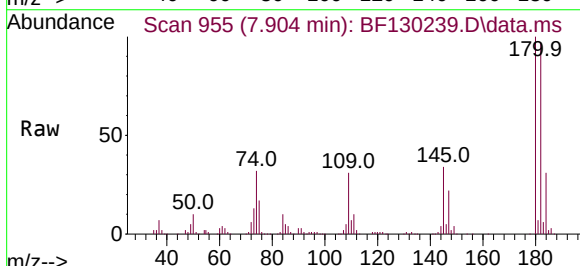
RT: 7.904 min Scan# 955

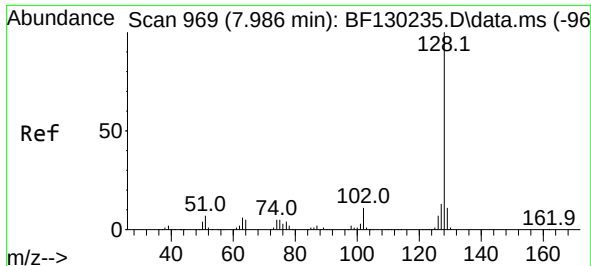
Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

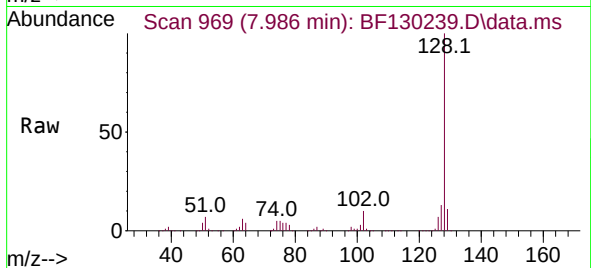
Tgt Ion:	180	Resp:	246789
Ion Ratio	Lower	Upper	
180	100		
182	97.1	73.3	109.9
145	34.3	28.3	42.5





#31
Naphthalene
Concen: 39.616 ng
RT: 7.986 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

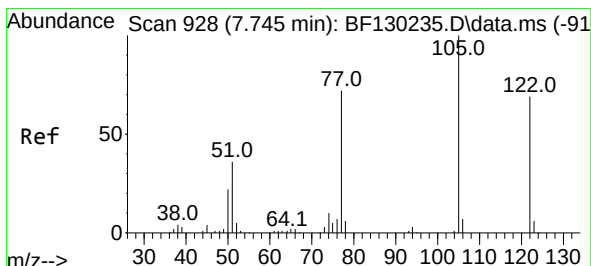
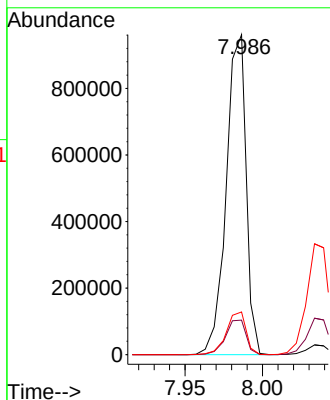
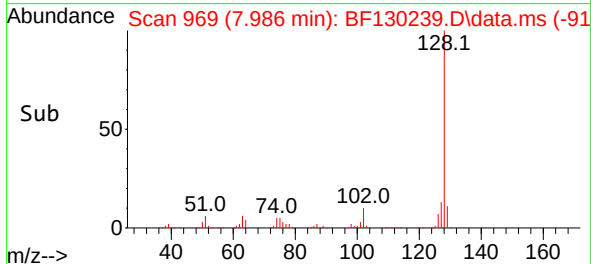
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion:128 Resp: 858029
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.4 10.6 16.0

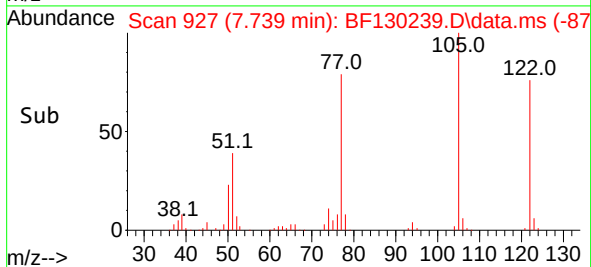
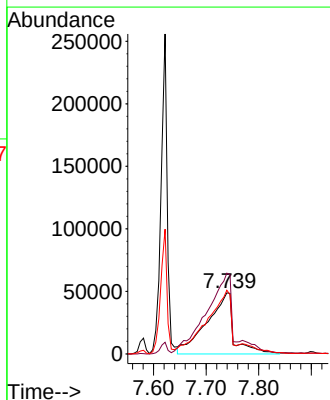
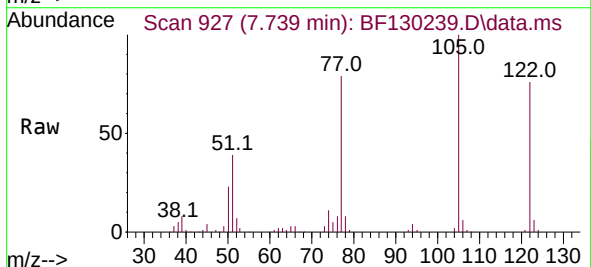
Manual Integrations
APPROVED

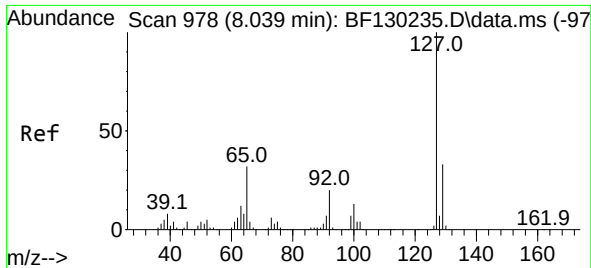
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#32
Benzoic acid
Concen: 42.730 ng m
RT: 7.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:122 Resp: 174275
Ion Ratio Lower Upper
122 100
105 132.2 112.9 152.9
77 104.3 82.8 122.8





#33
4-Chloroaniline
Concen: 39.480 ng
RT: 8.034 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

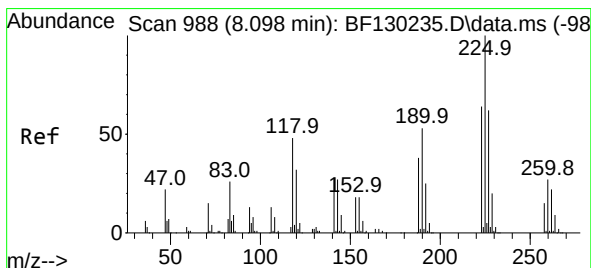
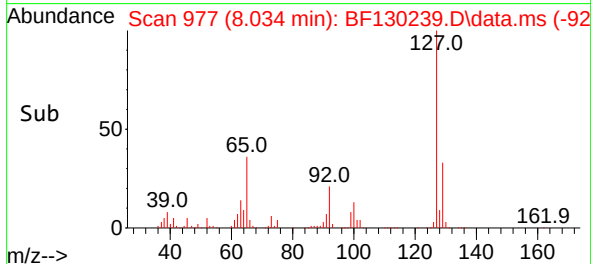
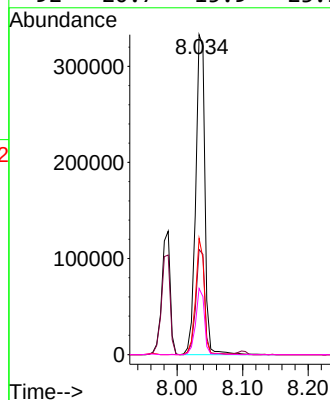
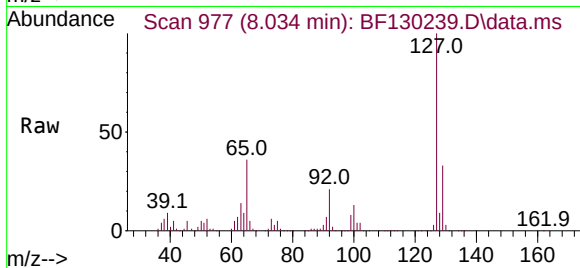
ICVBF091422

Tgt Ion:127 Resp: 325212
Ion Ratio Lower Upper
127 100
129 32.8 25.6 38.4
65 36.3 27.0 40.6
92 20.7 15.9 23.9

Manual Integrations

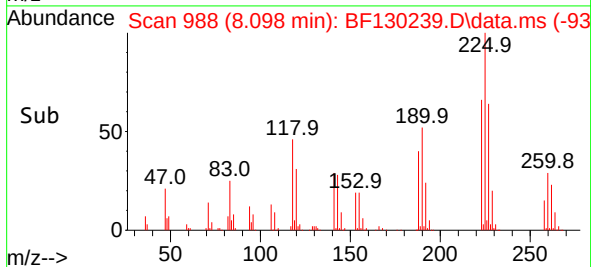
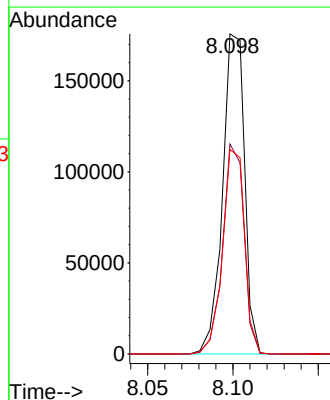
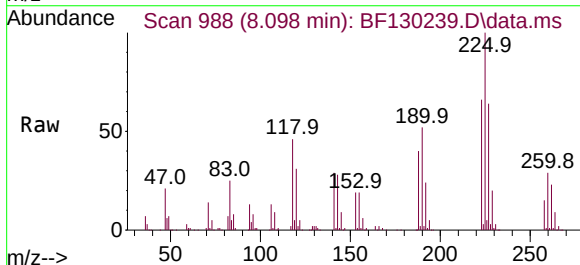
APPROVED

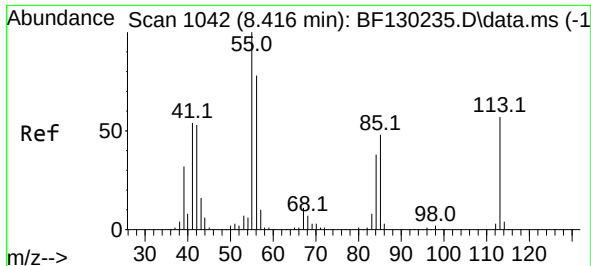
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#34
Hexachlorobutadiene
Concen: 39.533 ng
RT: 8.098 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:225 Resp: 157869
Ion Ratio Lower Upper
225 100
223 65.6 50.3 75.5
227 63.9 51.1 76.7





#35
Caprolactam
Concen: 40.977 ng
RT: 8.416 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

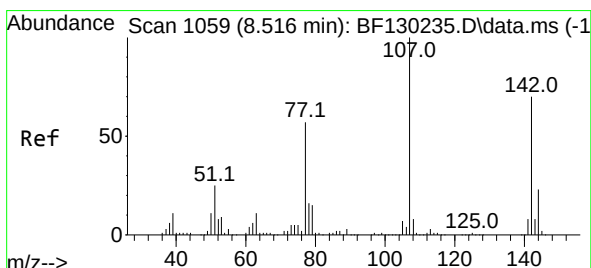
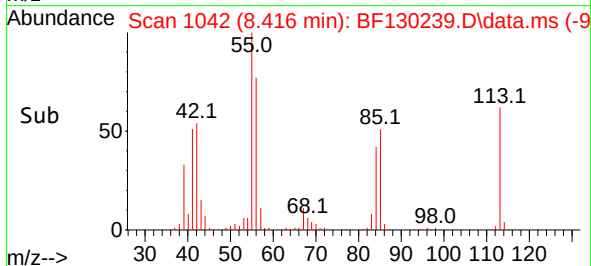
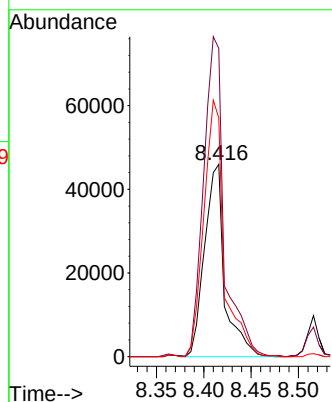
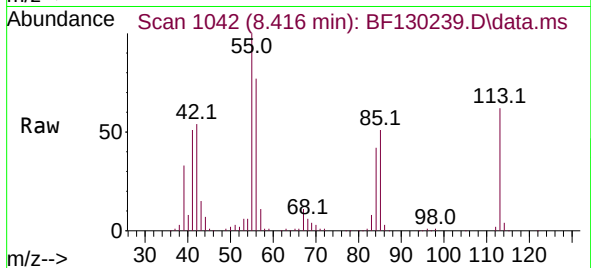
ClientSampleId :

ICVBF091422

Tgt Ion:113 Resp: 67892
Ion Ratio Lower Upper
113 100
55 160.3 155.4 195.4
56 124.2 120.4 160.4

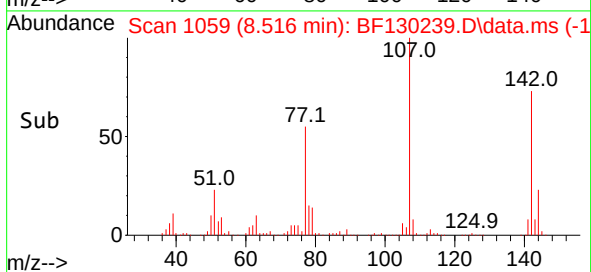
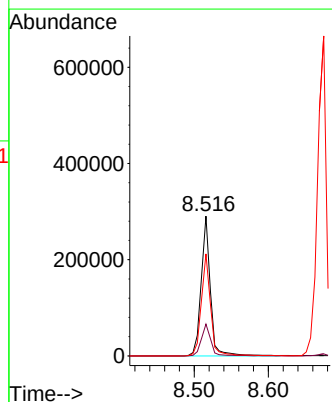
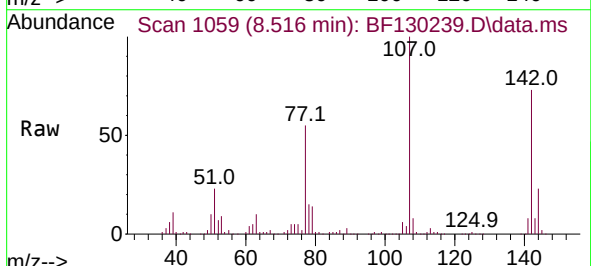
Manual Integrations
APPROVED

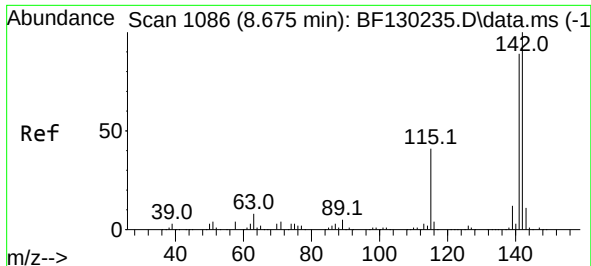
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#36
4-Chloro-3-methylphenol
Concen: 39.235 ng
RT: 8.516 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:107 Resp: 251342
Ion Ratio Lower Upper
107 100
144 22.7 20.0 30.0
142 73.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.109 ng

RT: 8.675 min Scan# 1102

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

Tgt Ion:142 Resp: 540072

Ion Ratio Lower Upper

142 100

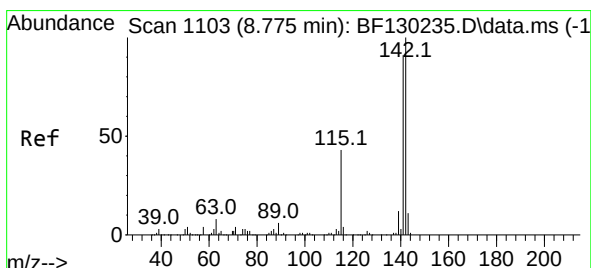
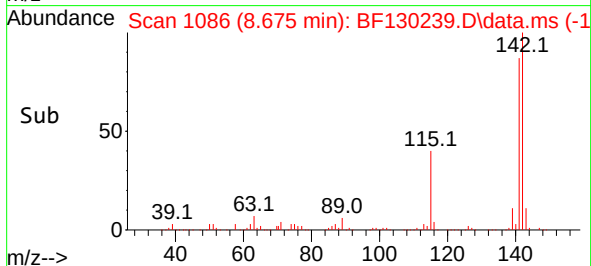
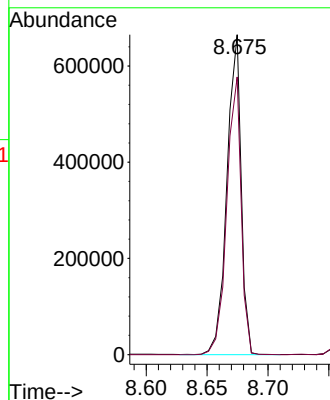
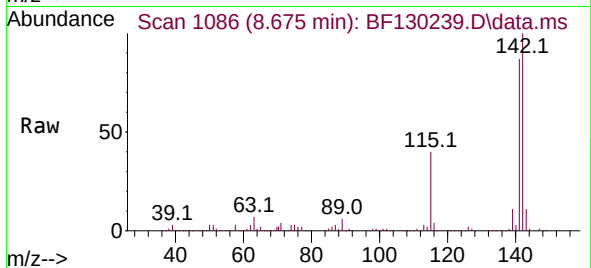
141 86.8 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#38

1-Methylnaphthalene

Concen: 39.248 ng

RT: 8.769 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF130239.D

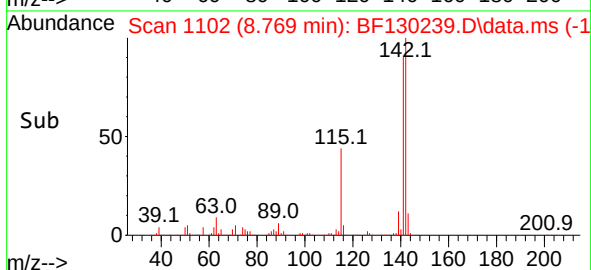
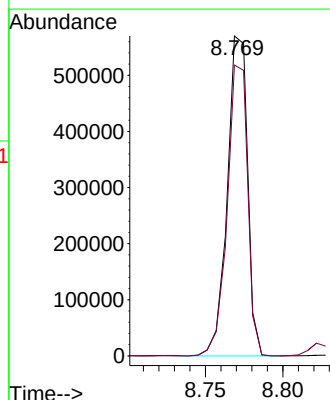
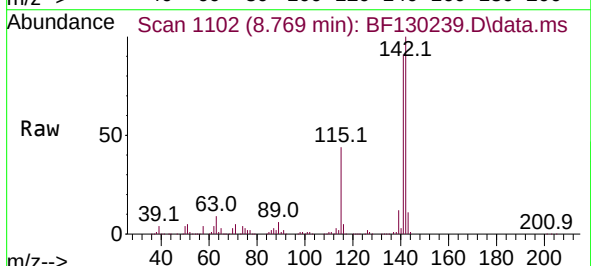
Acq: 14 Sep 2022 14:48

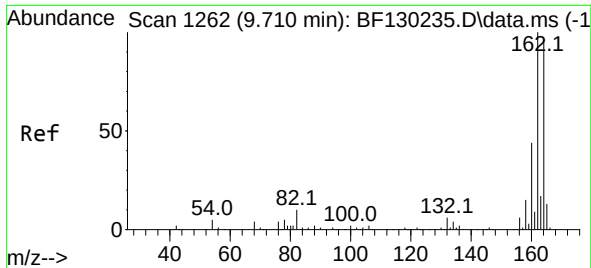
Tgt Ion:142 Resp: 520663

Ion Ratio Lower Upper

142 100

141 90.9 73.8 110.8





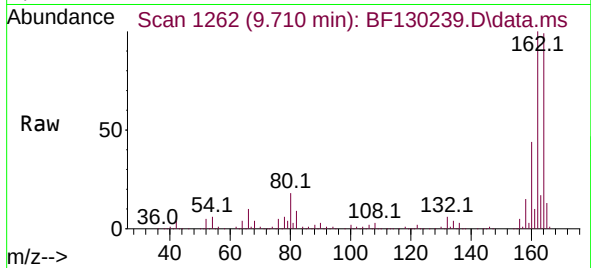
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

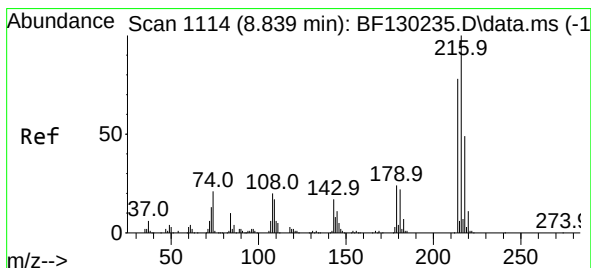
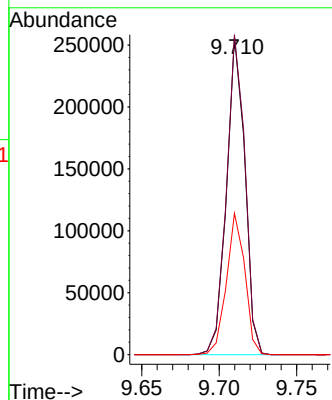
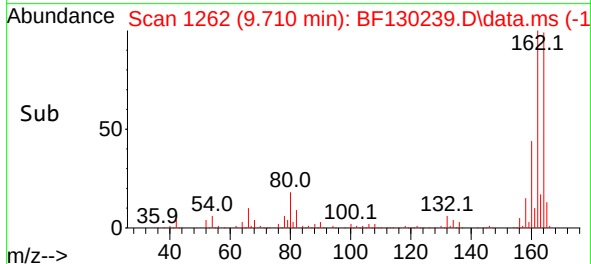


Tgt Ion:164 Resp: 211251
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.5 36.2 54.4

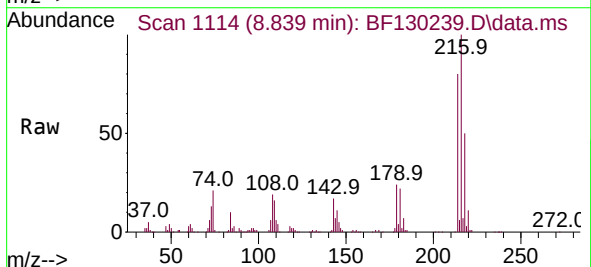
Manual Integrations

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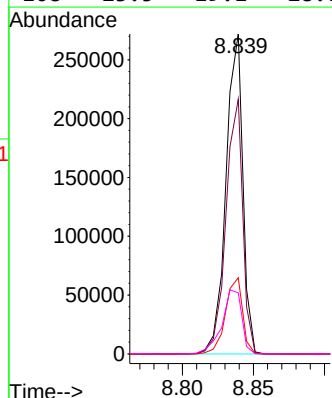
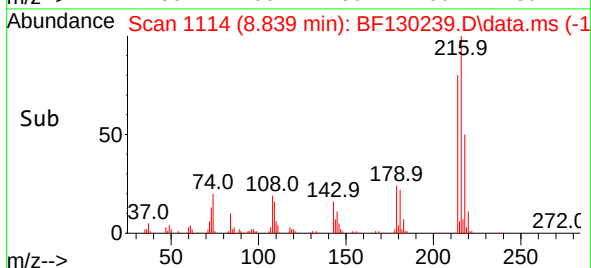
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

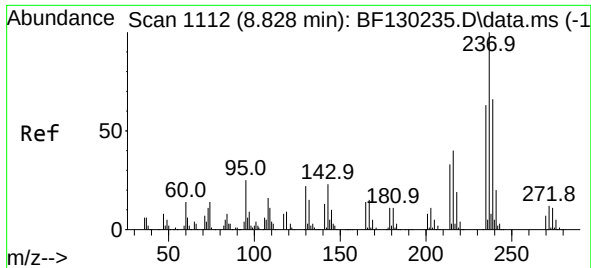


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.071 ng
RT: 8.839 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



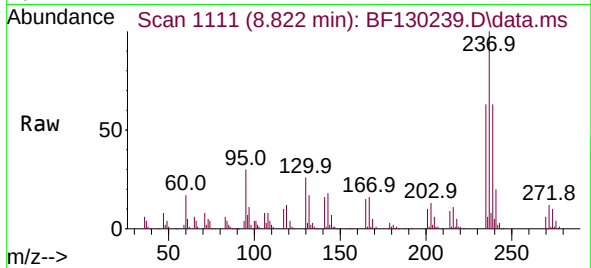
Tgt Ion:216 Resp: 225251
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 24.1 19.5 29.3
108 23.5 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 40.928 ng
RT: 8.822 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

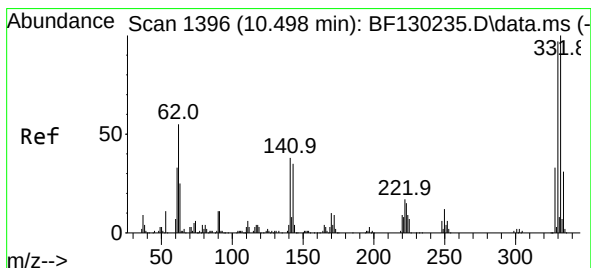
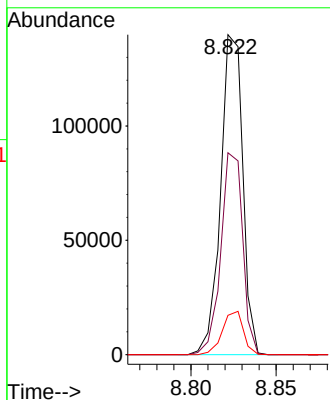
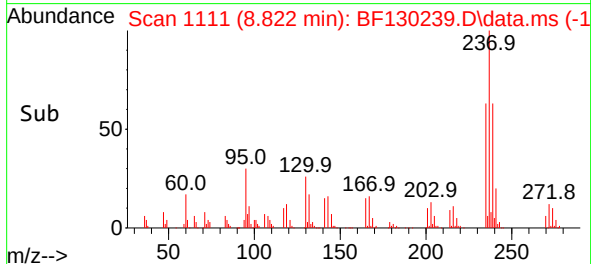
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



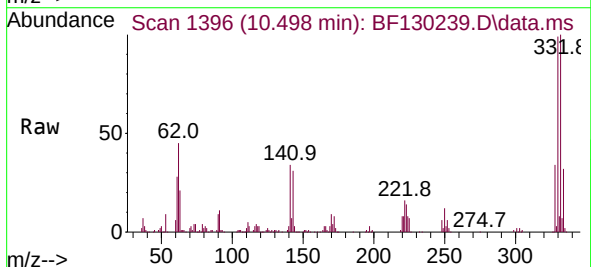
Tgt Ion:237 Resp: 126329
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 12.3 0.0 32.8

Manual Integrations
APPROVED

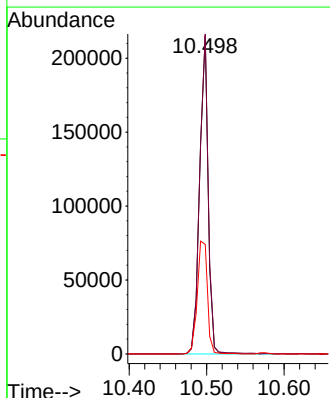
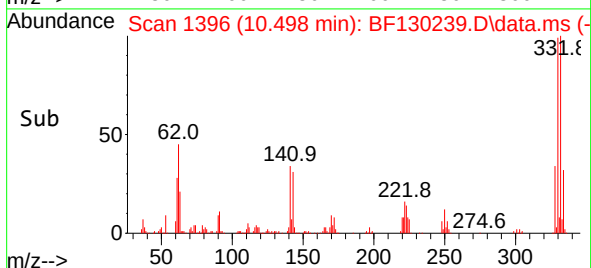
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

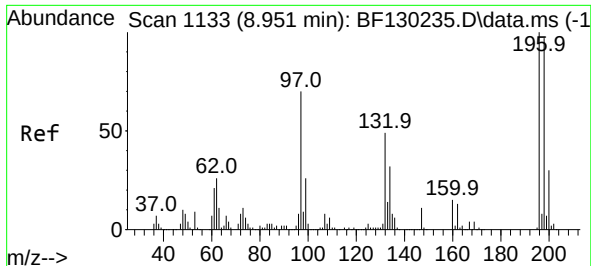


#42
2,4,6-Tribromophenol
Concen: 80.915 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:330 Resp: 163787
Ion Ratio Lower Upper
330 100
332 101.6 83.4 125.2
141 42.3 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 40.281 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF130239.D

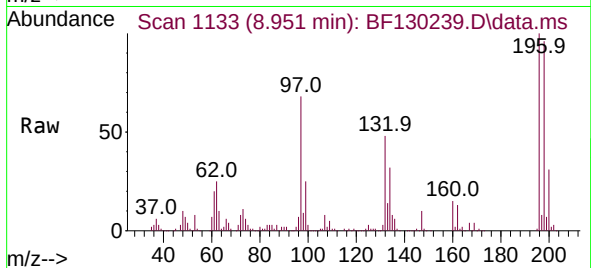
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422



Tgt Ion:196 Resp: 162073

Ion Ratio Lower Upper

196 100

198 96.4 72.4 108.6

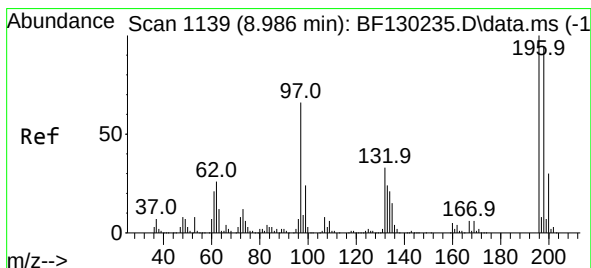
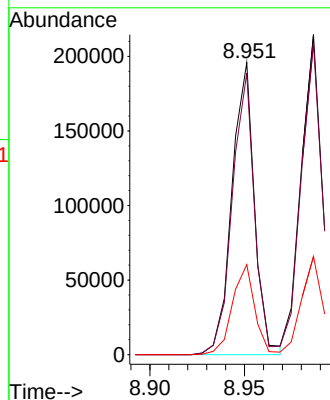
200 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#44

2,4,5-Trichlorophenol

Concen: 39.350 ng

RT: 8.986 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Tgt Ion:196 Resp: 170850

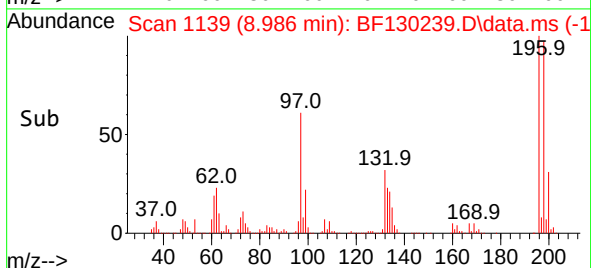
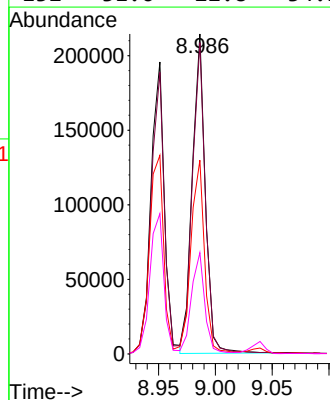
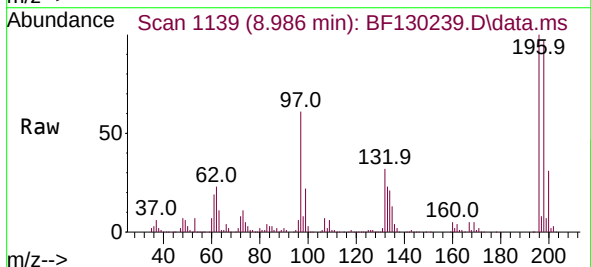
Ion Ratio Lower Upper

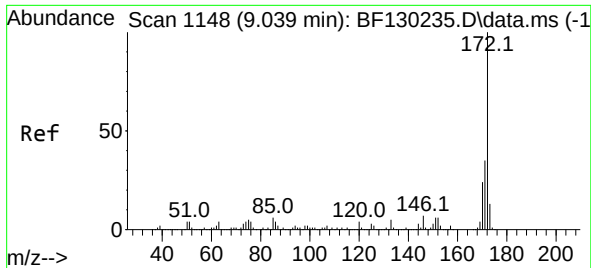
196 100

198 97.3 74.8 112.2

97 60.5 43.7 65.5

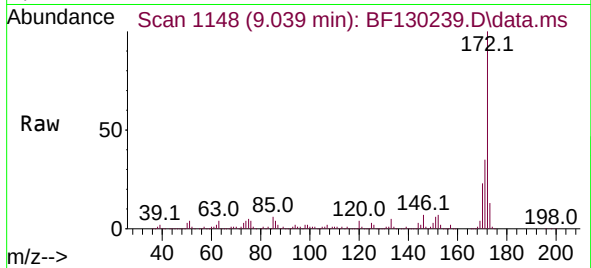
132 31.6 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 76.353 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

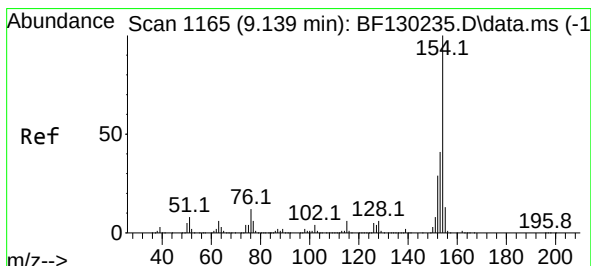
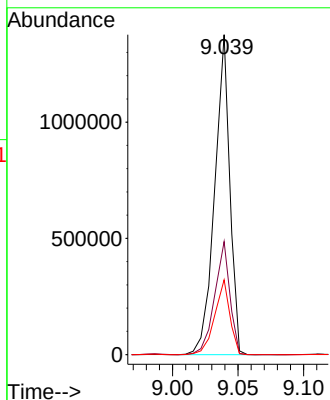
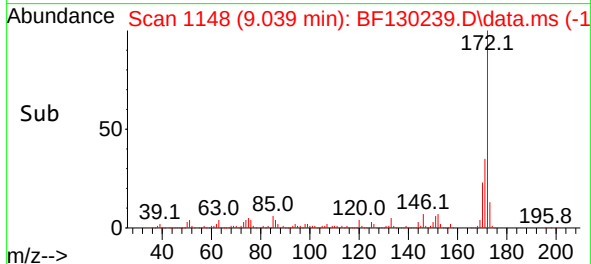
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



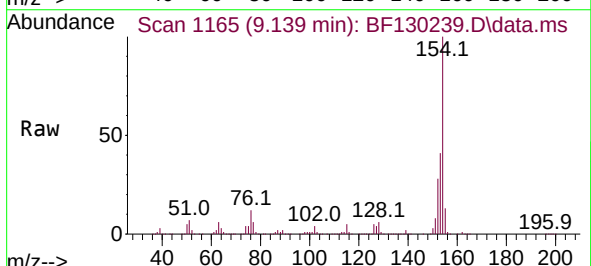
Tgt Ion:172 Resp: 1107663
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.7 28.1

Manual Integrations
APPROVED

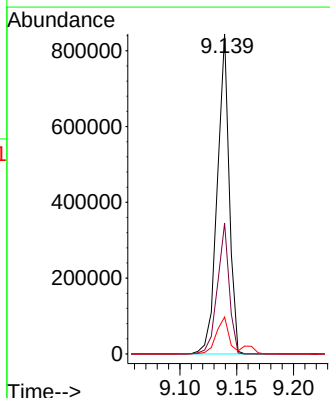
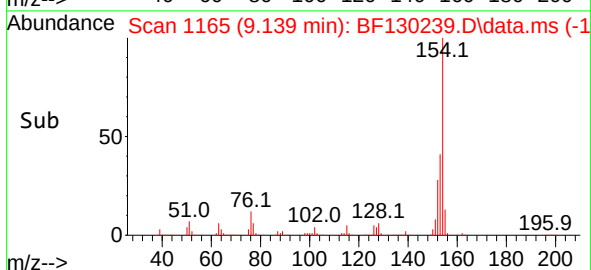
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

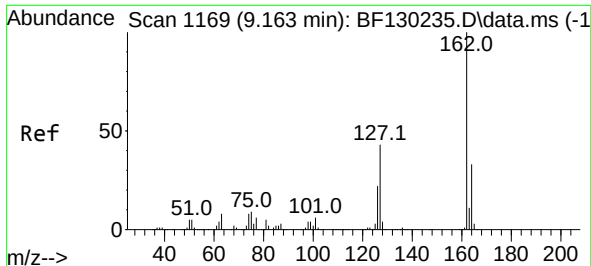


#46
1,1'-Biphenyl
Concen: 38.844 ng
RT: 9.139 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:154 Resp: 612845
Ion Ratio Lower Upper
154 100
153 40.9 20.0 60.0
76 11.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.904 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

Tgt Ion:162 Resp: 496520

Ion Ratio Lower Upper

162 100

127 42.8 35.9 53.9

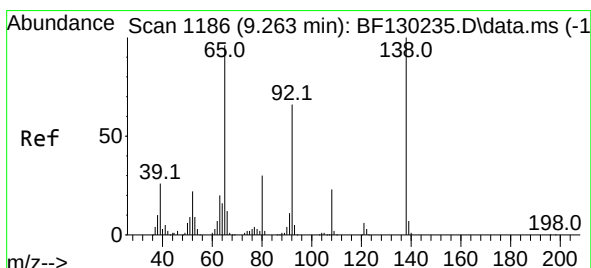
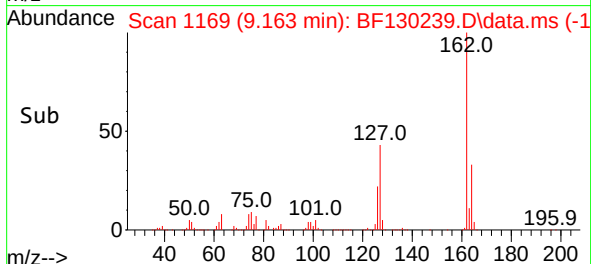
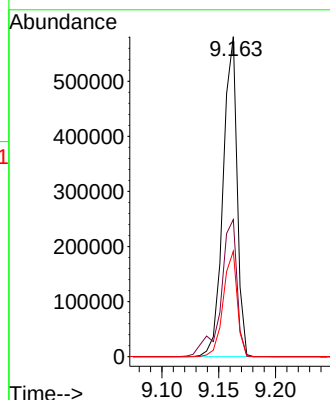
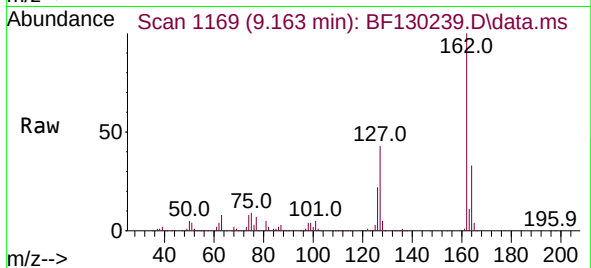
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#48

2-Nitroaniline

Concen: 40.131 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

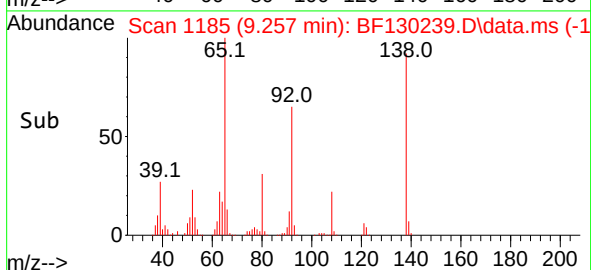
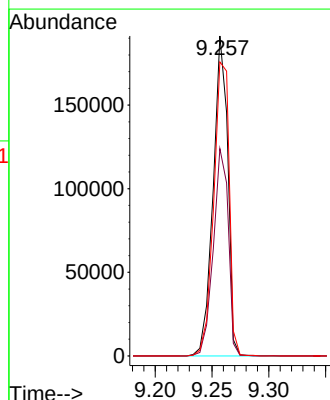
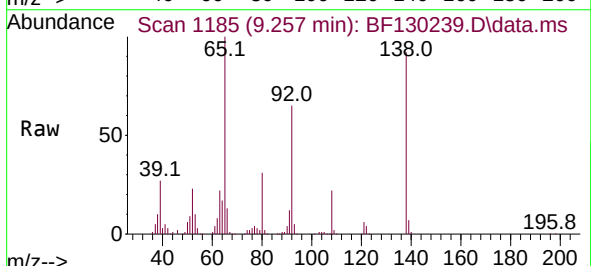
Tgt Ion: 65 Resp: 170826

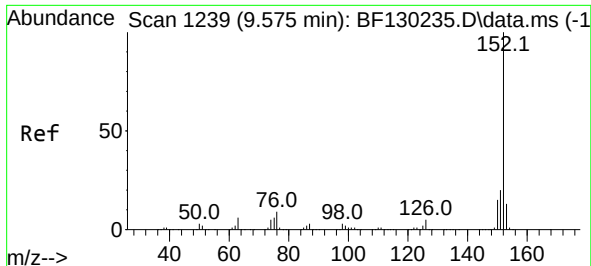
Ion Ratio Lower Upper

65 100

92 64.8 52.2 78.4

138 91.9 77.0 115.4





#49

Acenaphthylene

Concen: 38.725 ng

RT: 9.575 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF130239.D

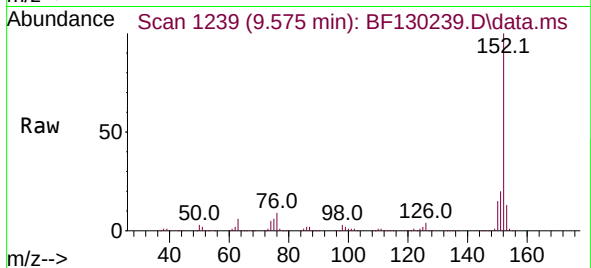
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422



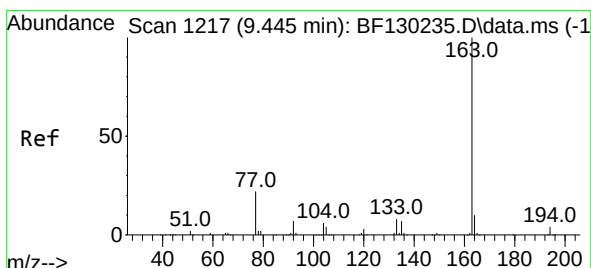
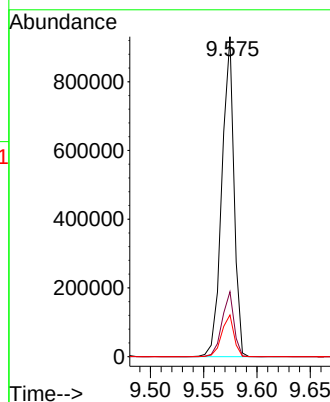
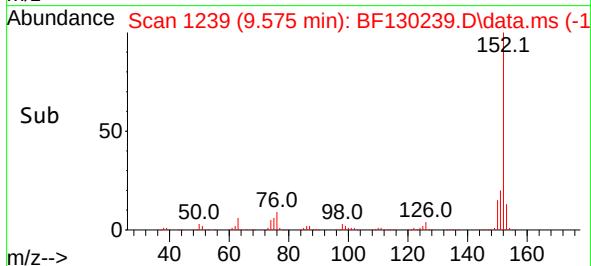
Tgt Ion:	152	Resp:	741039
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.0	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#50

Dimethylphthalate

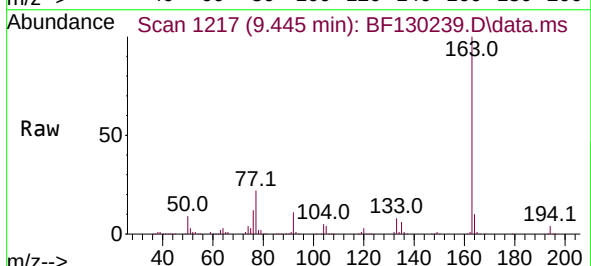
Concen: 38.778 ng

RT: 9.445 min Scan# 1217

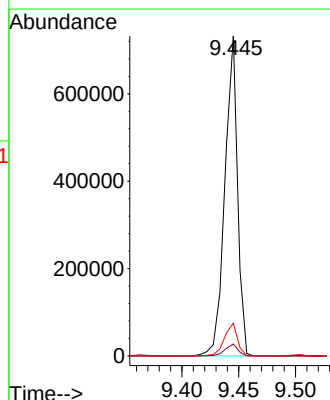
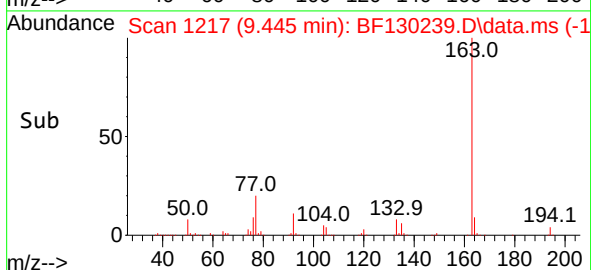
Delta R.T. 0.000 min

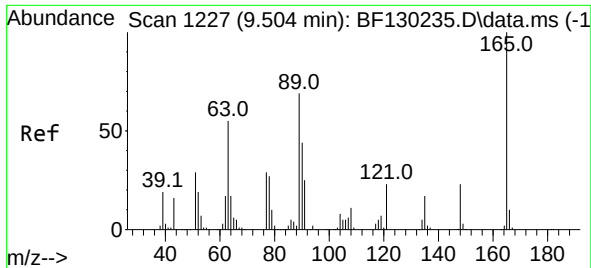
Lab File: BF130239.D

Acq: 14 Sep 2022 14:48



Tgt Ion:	163	Resp:	565862
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	10.2	8.2	12.2





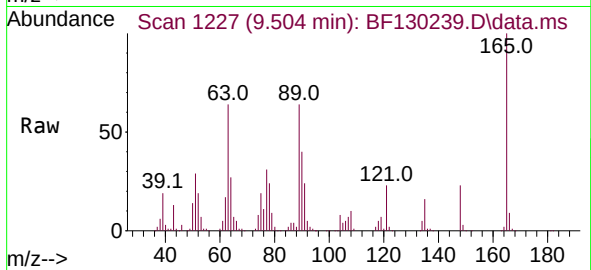
#51
2,6-Dinitrotoluene
Concen: 40.428 ng
RT: 9.504 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

Client Sample Id :

ICVBF091422

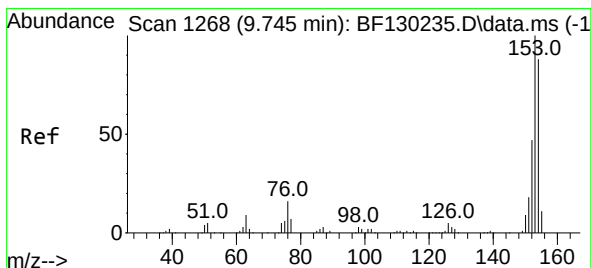
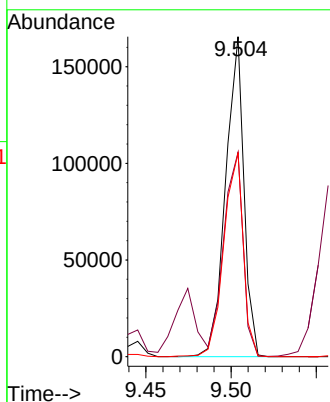
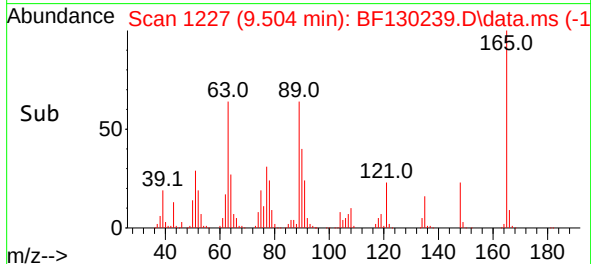


Tgt Ion:165 Resp: 123378
Ion Ratio Lower Upper
165 100
63 63.9 58.8 88.2
89 63.6 54.5 81.7

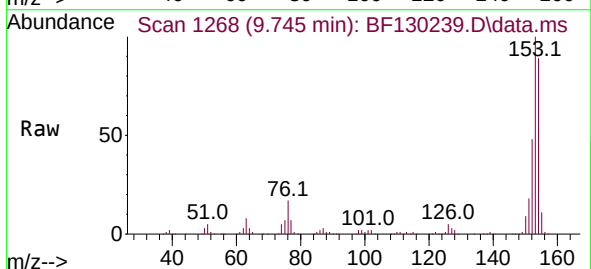
Manual Integrations

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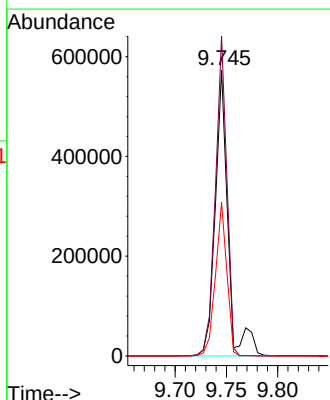
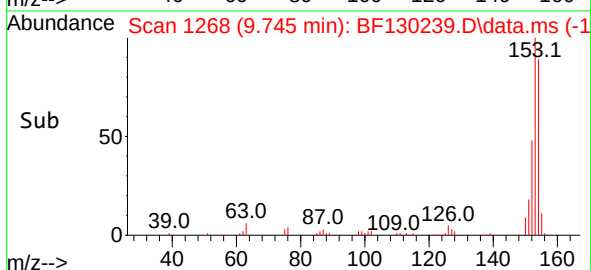
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

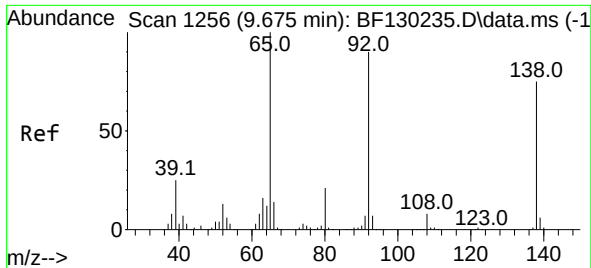


#52
Acenaphthene
Concen: 39.227 ng m
RT: 9.745 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:154 Resp: 493197
Ion Ratio Lower Upper
154 100
153 111.9 90.6 136.0
152 53.7 43.8 65.6





#53
3-Nitroaniline
Concen: 40.503 ng
RT: 9.669 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

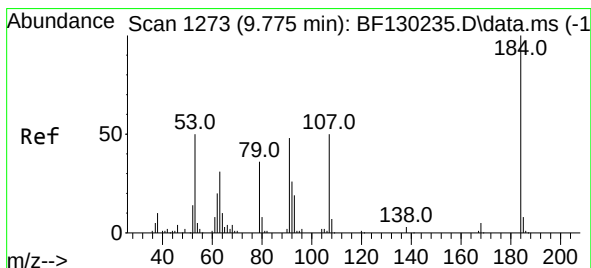
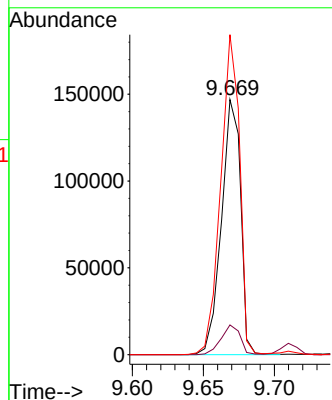
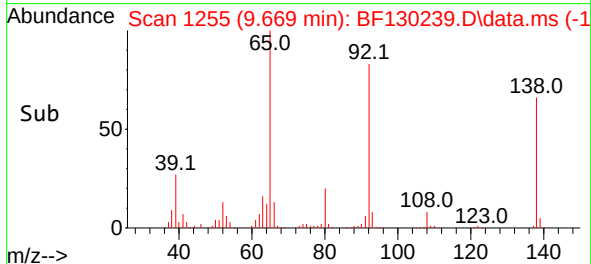
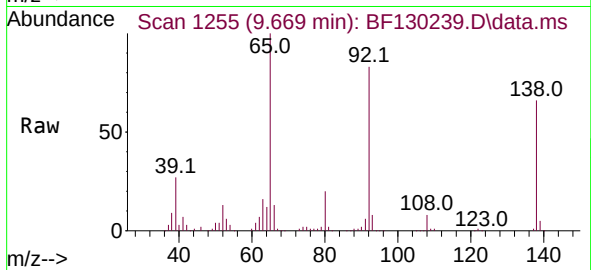
ClientSampleId :

ICVBF091422

Tgt Ion:138 Resp: 137735
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 125.5 99.2 148.8

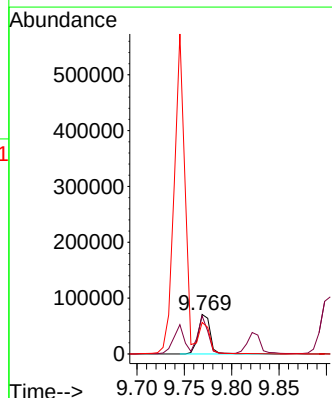
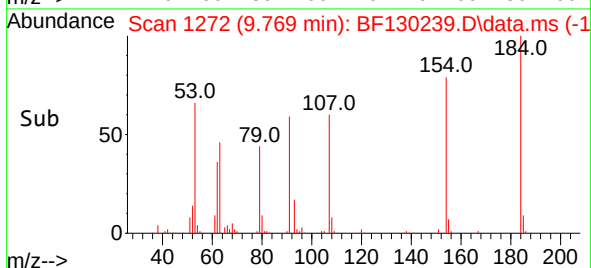
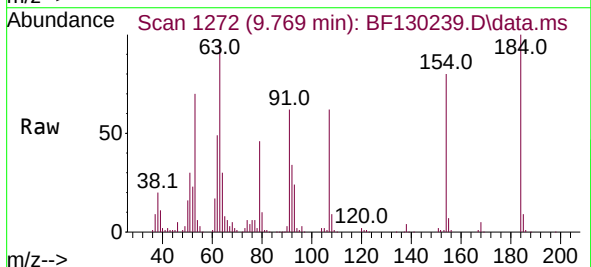
Manual Integrations
APPROVED

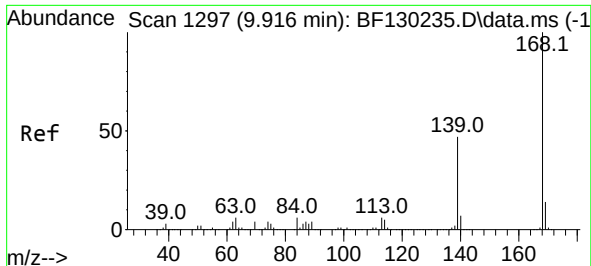
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#54
2,4-Dinitrophenol
Concen: 40.604 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

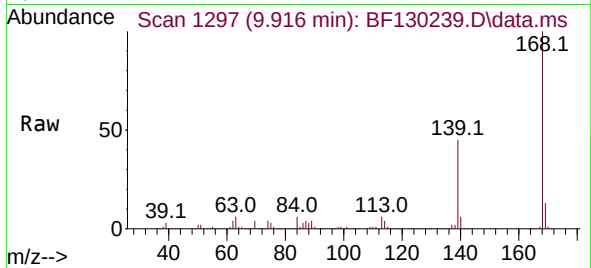
Tgt Ion:184 Resp: 61688
Ion Ratio Lower Upper
184 100
63 96.3 70.0 105.0
154 79.7 63.0 94.6





#55
Dibenzofuran
Concen: 38.578 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

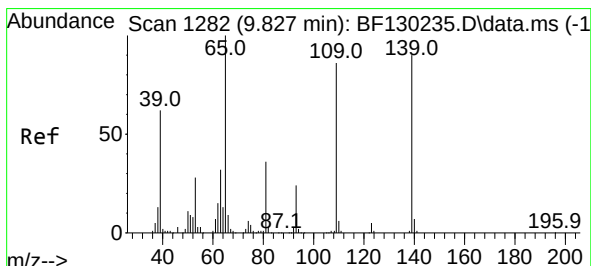
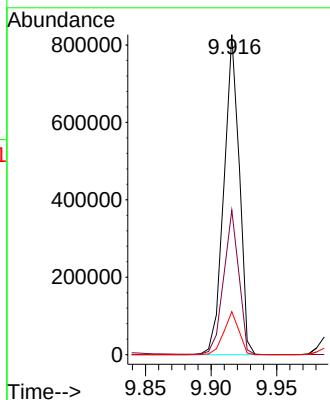
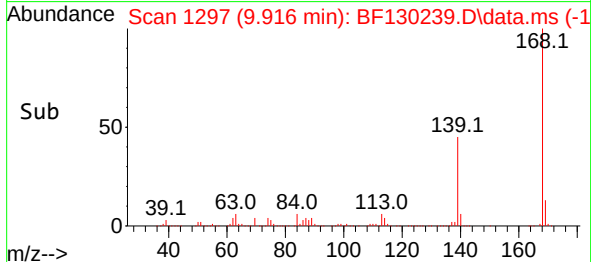
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion:168 Resp: 674652
Ion Ratio Lower Upper
168 100
139 45.2 35.0 52.4
169 13.4 10.9 16.3

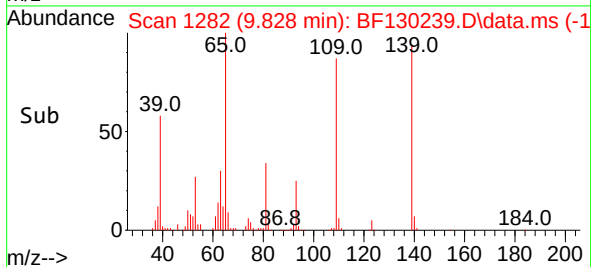
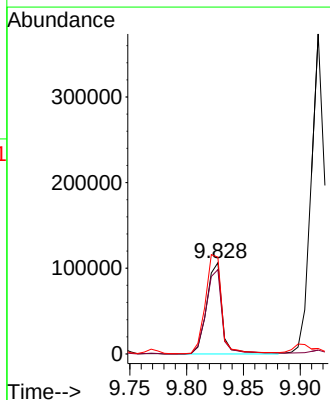
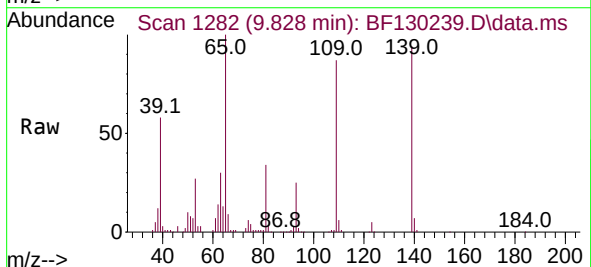
Manual Integrations
APPROVED

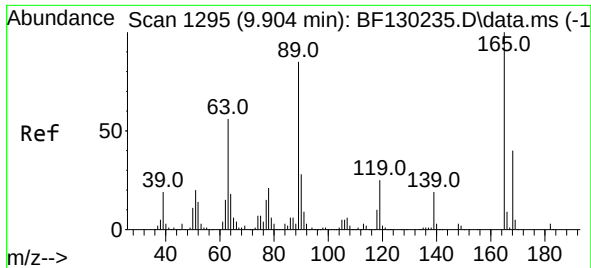
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#56
4-Nitrophenol
Concen: 41.022 ng
RT: 9.828 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

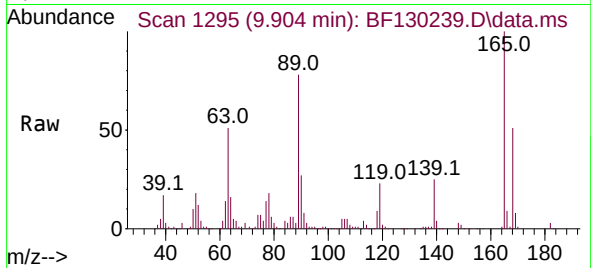
Tgt Ion:139 Resp: 101605
Ion Ratio Lower Upper
139 100
109 92.4 72.2 112.2
65 106.0 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 41.145 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

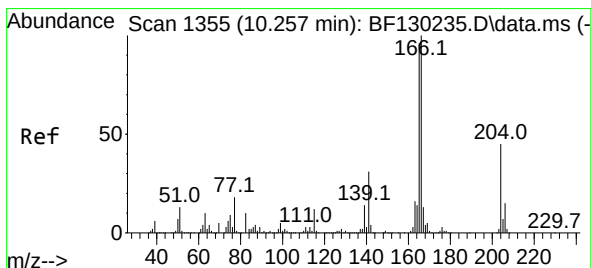
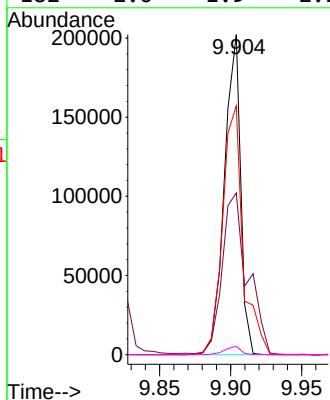
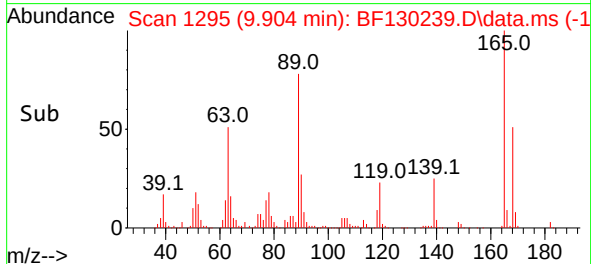
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



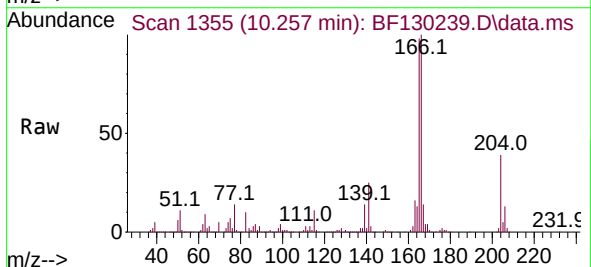
Tgt Ion:165 Resp: 160475
Ion Ratio Lower Upper
165 100
63 50.5 44.7 67.1
89 77.7 69.0 103.4
182 2.6 1.9 2.9

Manual Integrations
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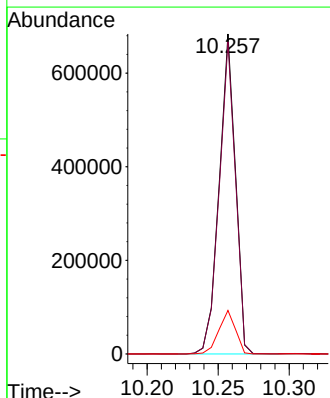
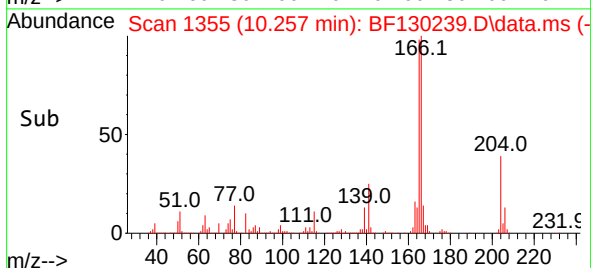
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

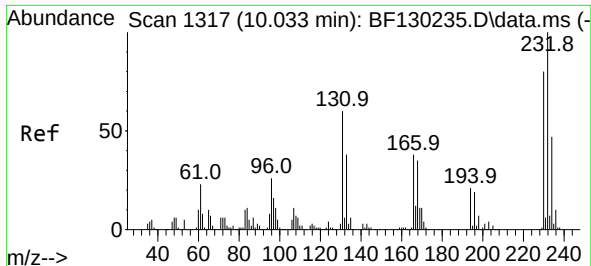


#58
Fluorene
Concen: 38.347 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



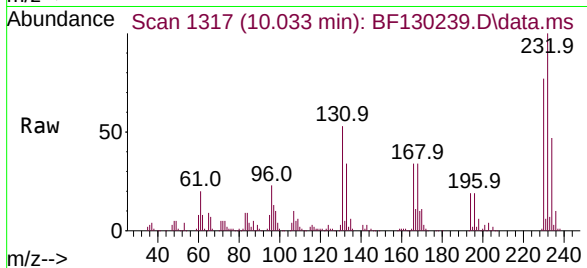
Tgt Ion:166 Resp: 548439
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.093 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

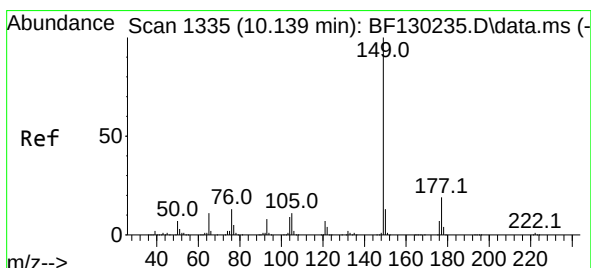
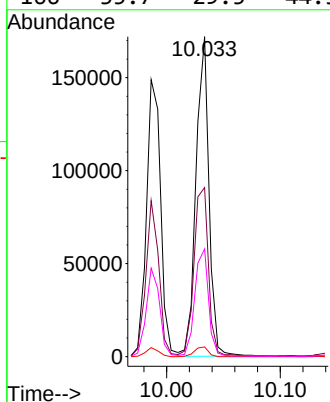
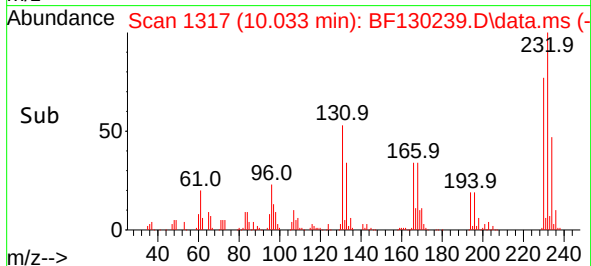
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion:232 Resp: 136252
Ion Ratio Lower Upper
232 100
131 58.9 46.4 69.6
130 3.2 2.3 3.5
166 35.7 29.5 44.3

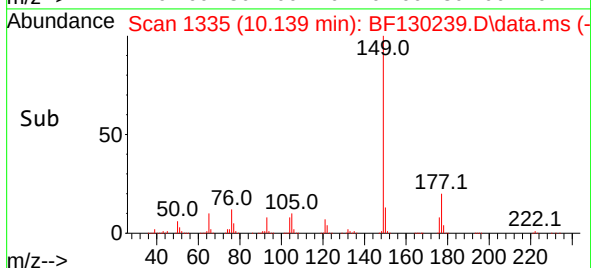
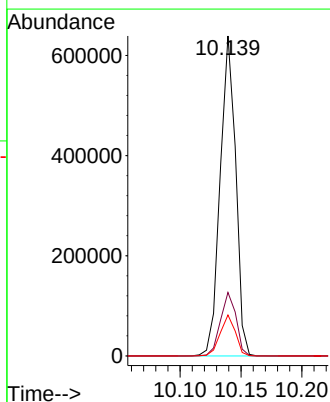
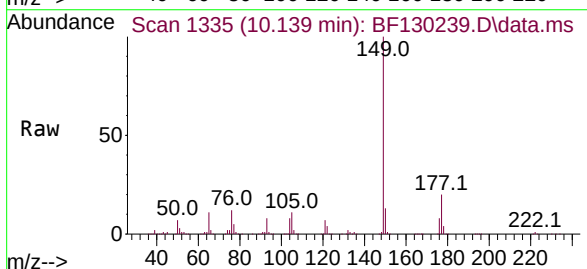
Manual Integrations
APPROVED

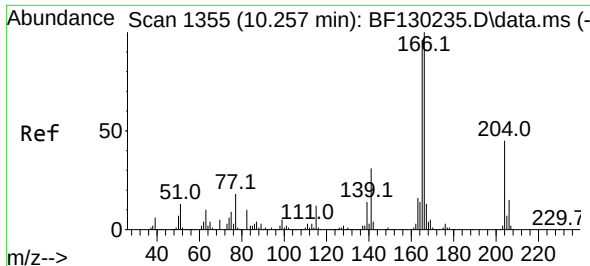
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#60
Diethylphthalate
Concen: 38.751 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:149 Resp: 567057
Ion Ratio Lower Upper
149 100
177 19.8 16.1 24.1
150 12.8 9.9 14.9





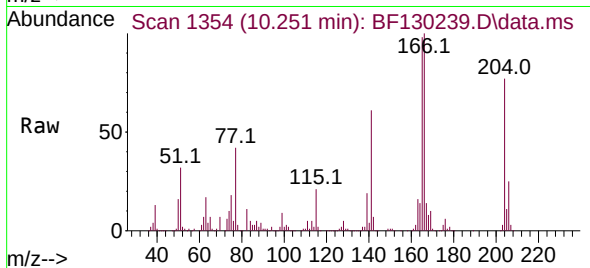
#61
4-Chlorophenyl-phenylether
Concen: 39.072 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

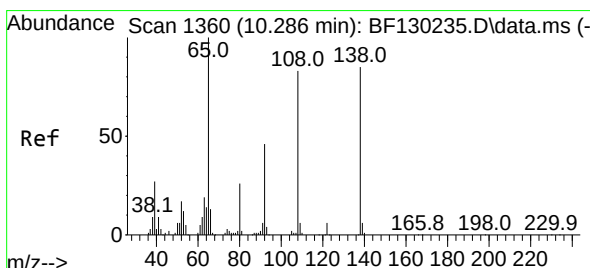
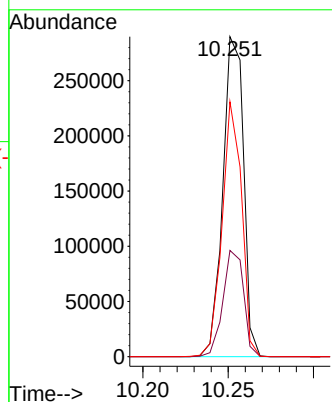
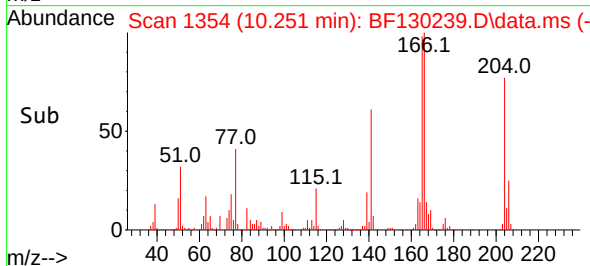


Tgt Ion:204 Resp: 245137
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 79.6 57.1 85.7

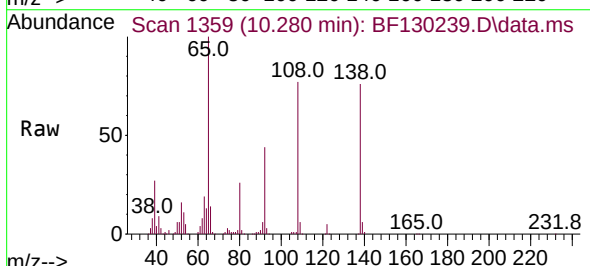
Manual Integrations

APPROVED

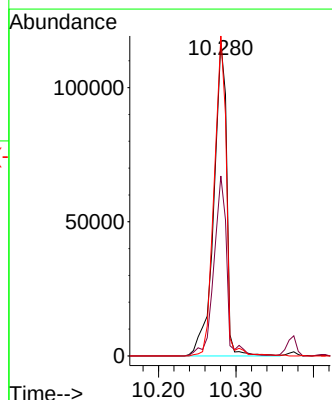
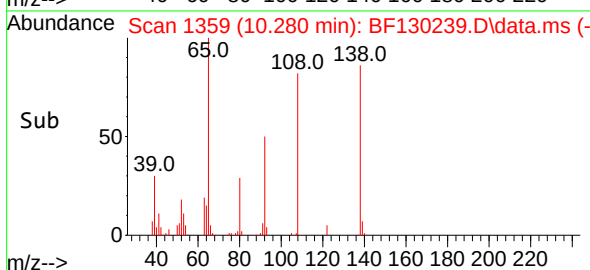
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

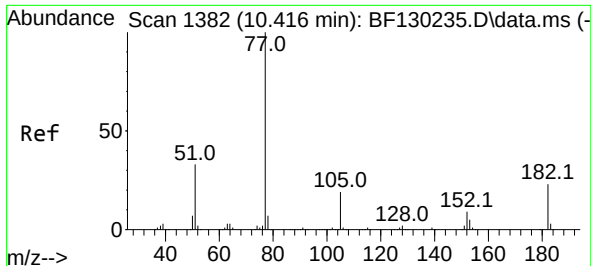


#62
4-Nitroaniline
Concen: 39.549 ng
RT: 10.280 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:138 Resp: 135104
Ion Ratio Lower Upper
138 100
92 57.4 36.7 76.7
108 102.1 78.2 118.2





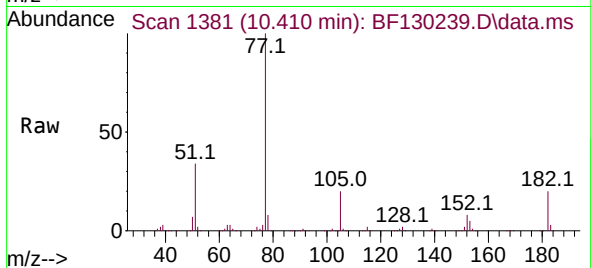
#63
Azobenzene
Concen: 38.225 ng
RT: 10.410 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

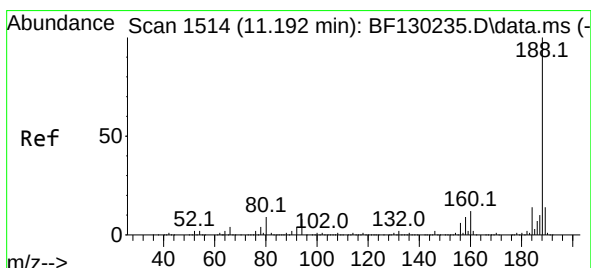
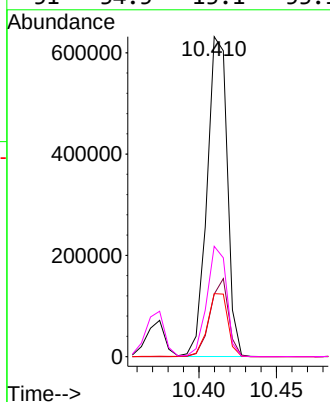
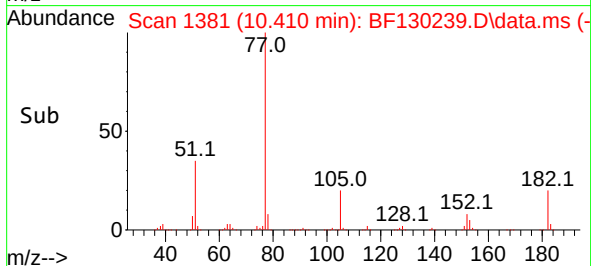


Tgt Ion: 77 Resp: 575973
Ion Ratio Lower Upper
77 100
182 19.5 2.1 42.1
105 19.7 0.0 39.4
51 34.5 13.1 53.1

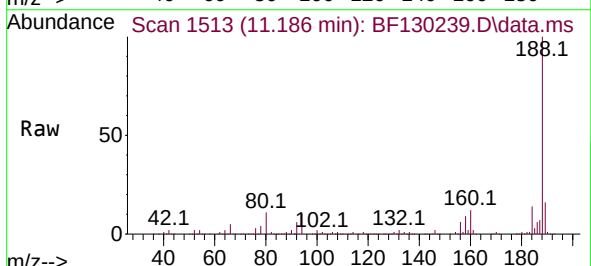
Manual Integrations

APPROVED

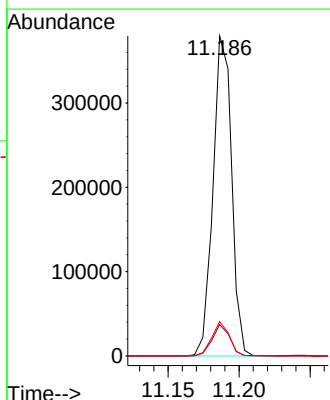
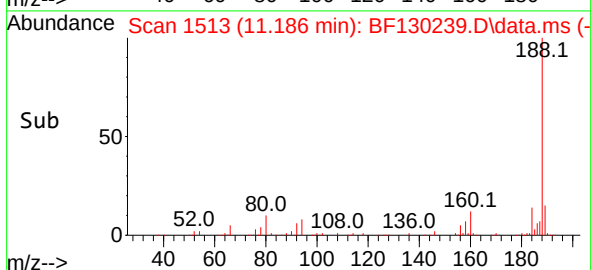
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

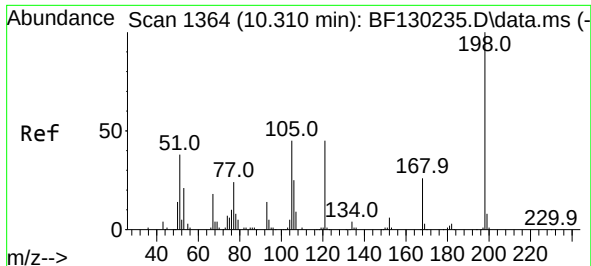


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



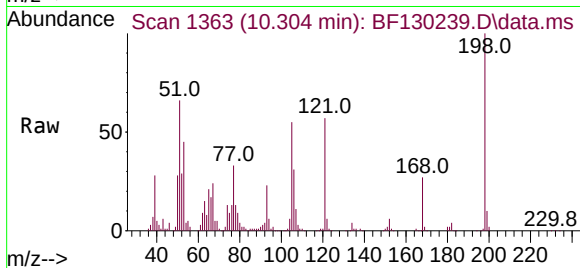
Tgt Ion:188 Resp: 346577
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.548 ng
RT: 10.304 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

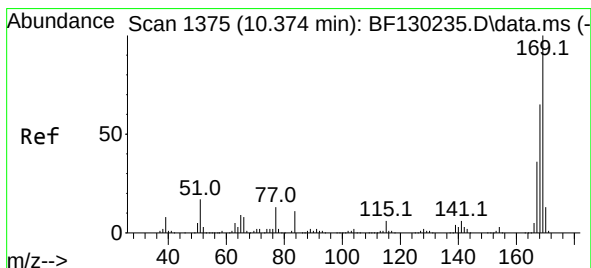
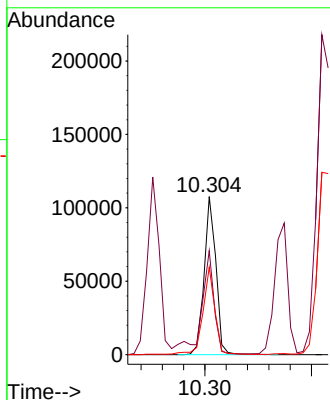
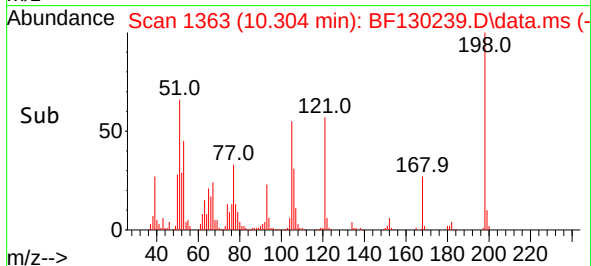
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



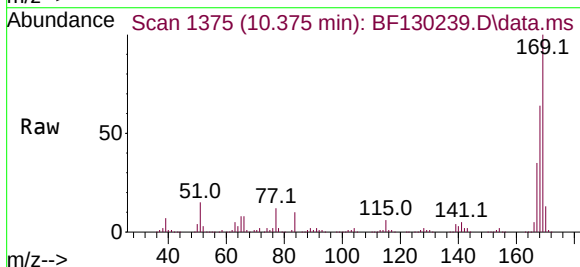
Tgt Ion:198 Resp: 82081
Ion Ratio Lower Upper
198 100
51 65.7 36.9 76.9
105 55.4 33.0 73.0

Manual Integrations
APPROVED

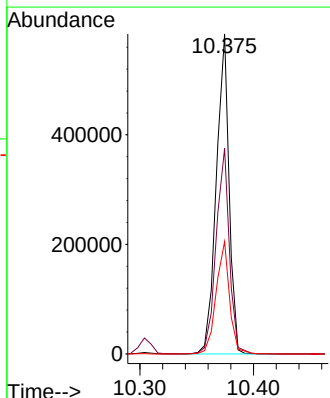
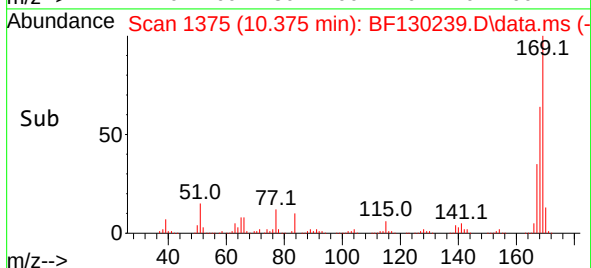
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

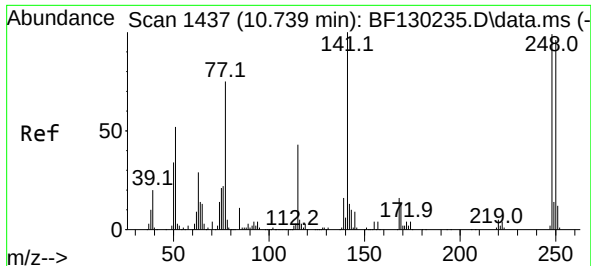


#66
n-Nitrosodiphenylamine
Concen: 39.316 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:169 Resp: 455339
Ion Ratio Lower Upper
169 100
168 64.2 53.2 79.8
167 35.1 29.2 43.8





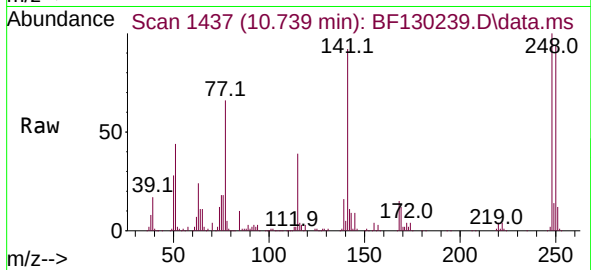
#67
4-Bromophenyl-phenylether
Concen: 39.813 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

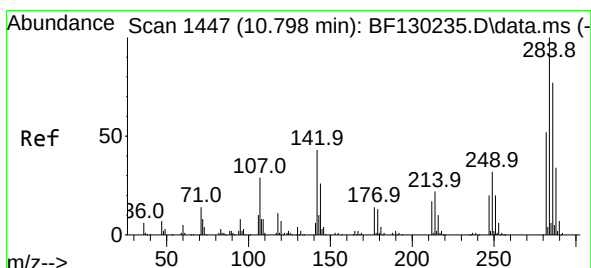
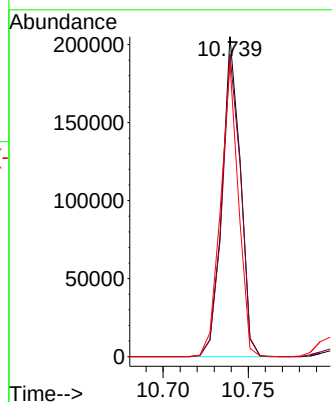
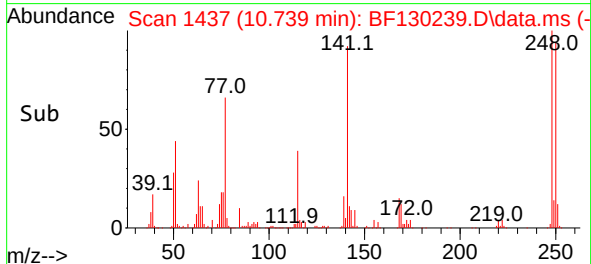


Tgt Ion:248 Resp: 152215
Ion Ratio Lower Upper
248 100
250 94.5 80.0 120.0
141 91.8 68.5 102.7

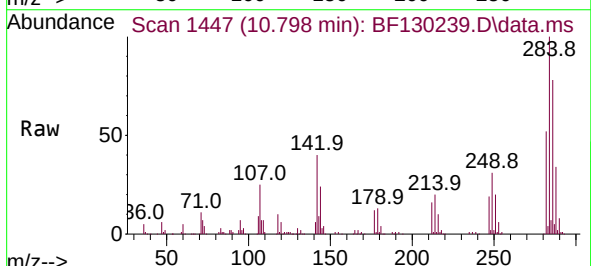
Manual Integrations

APPROVED

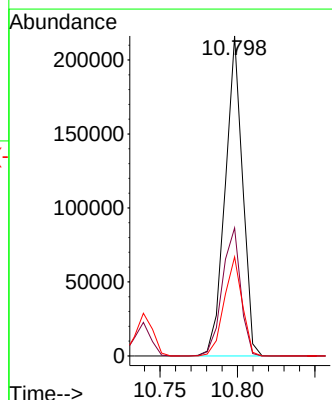
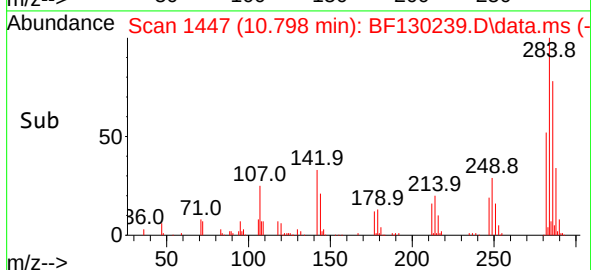
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

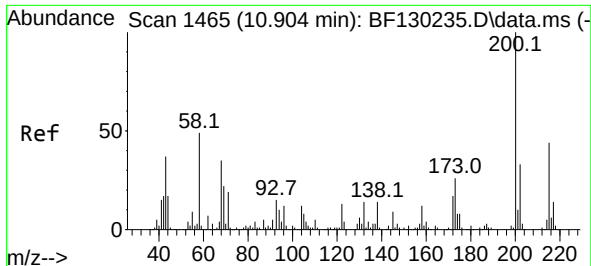


#68
Hexachlorobenzene
Concen: 39.099 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



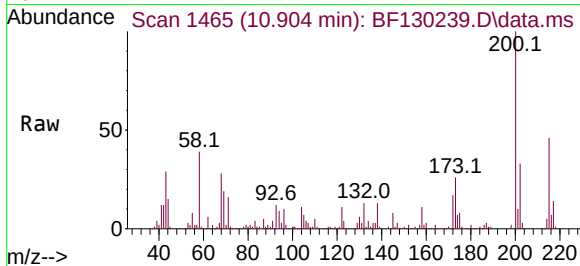
Tgt Ion:284 Resp: 169454
Ion Ratio Lower Upper
284 100
142 40.0 27.2 40.8
249 30.9 23.8 35.8





#69
Atrazine
Concen: 39.280 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

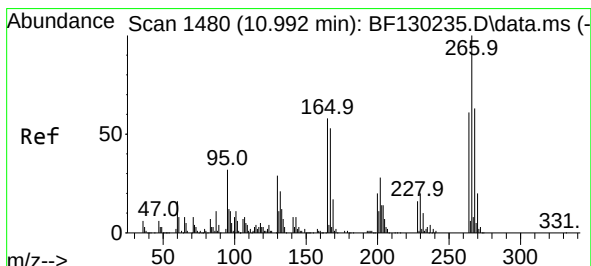
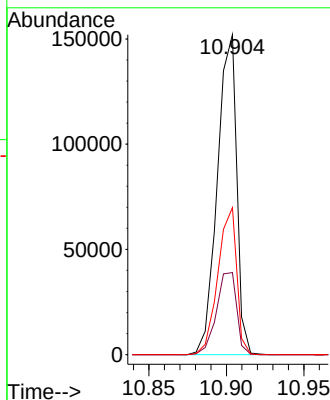
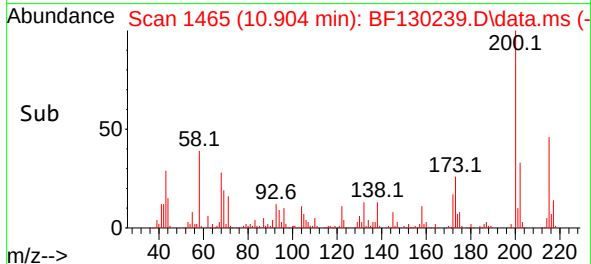
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



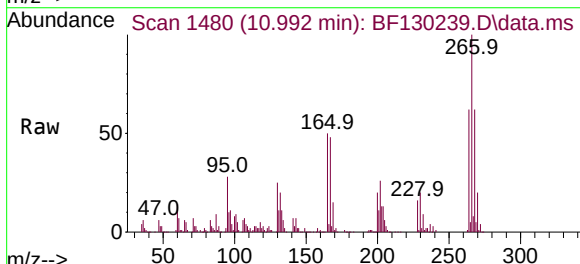
Tgt Ion:200 Resp: 132944
Ion Ratio Lower Upper
200 100
173 25.6 6.2 46.2
215 45.9 22.5 62.5

Manual Integrations
APPROVED

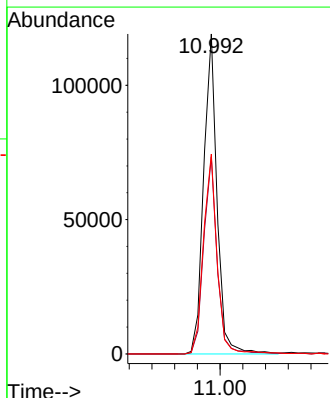
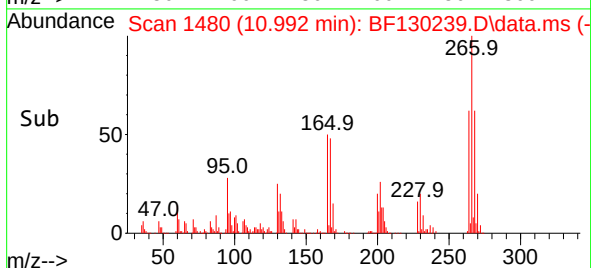
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

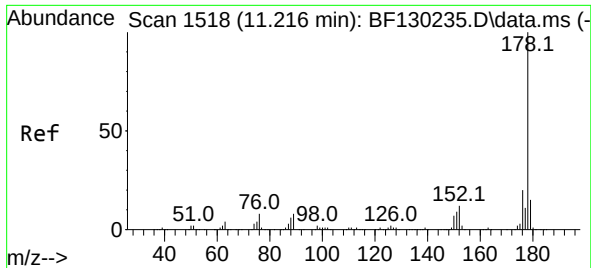


#70
Pentachlorophenol
Concen: 42.065 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



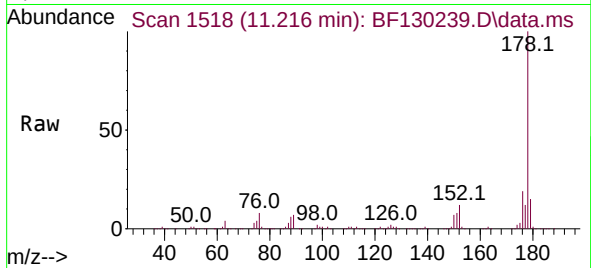
Tgt Ion:266 Resp: 97843
Ion Ratio Lower Upper
266 100
268 61.6 50.5 75.7
264 62.4 50.5 75.7





#71
Phenanthrene
Concen: 38.873 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

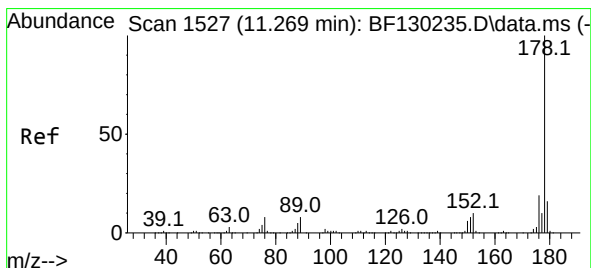
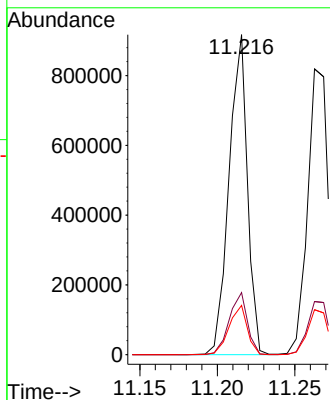
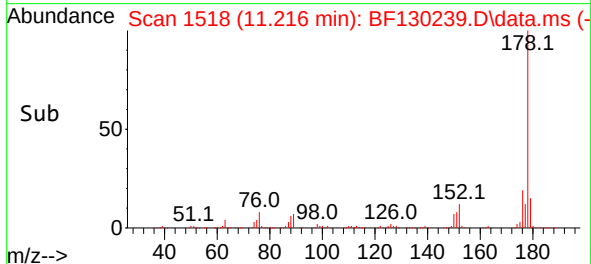
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



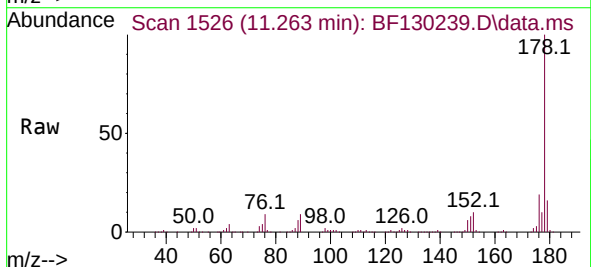
Tgt Ion:178 Resp: 756401
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

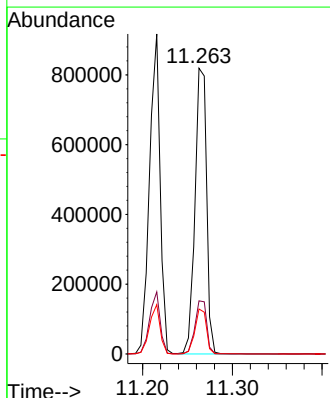
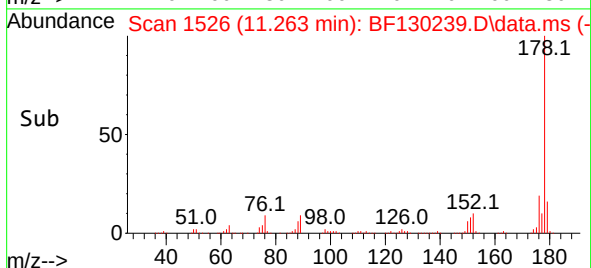
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

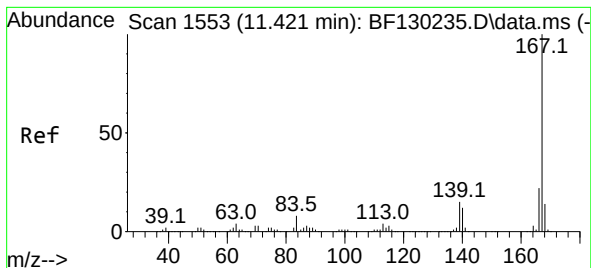


#72
Anthracene
Concen: 39.245 ng
RT: 11.263 min Scan# 1526
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:178 Resp: 736925
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.7 12.7 19.1





#73

Carbazole

Concen: 38.641 ng

RT: 11.422 min Scan# 1553

Delta R.T. 0.000 min

Lab File: BF130239.D

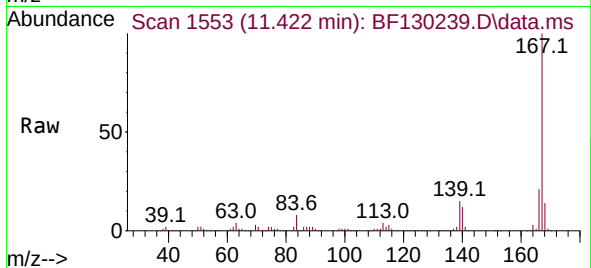
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422



Tgt Ion:167 Resp: 654832

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.2

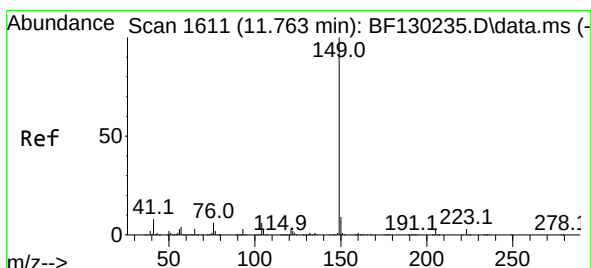
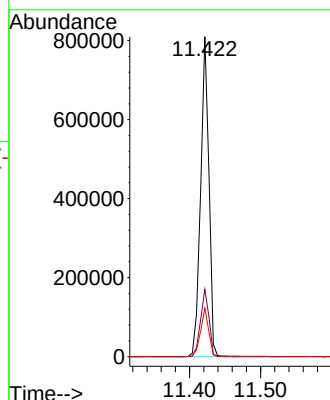
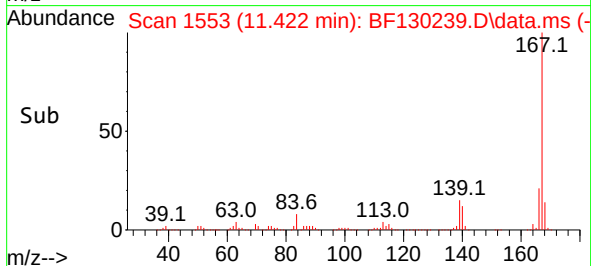
139 15.1 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#74

Di-n-butylphthalate

Concen: 39.218 ng

RT: 11.757 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

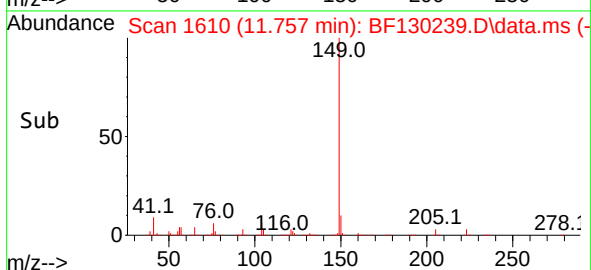
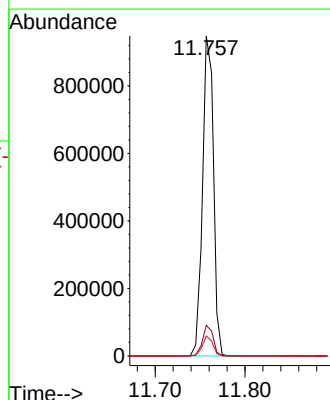
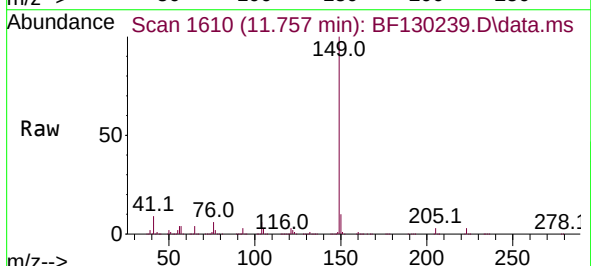
Tgt Ion:149 Resp: 801435

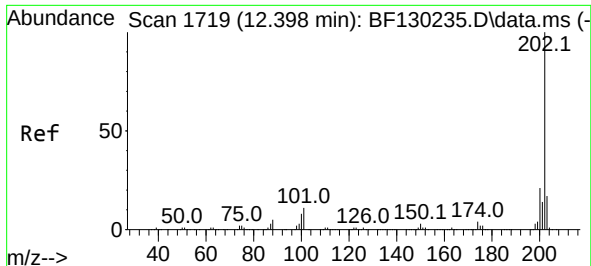
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

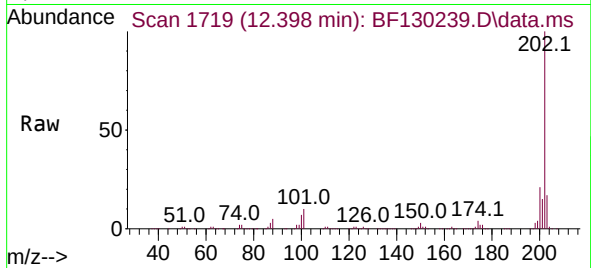
104 6.2 4.8 7.2





#75
Fluoranthene
Concen: 38.299 ng
RT: 12.398 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

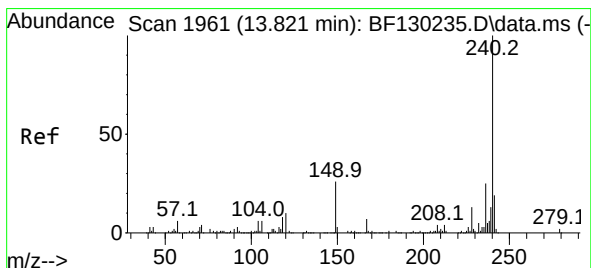
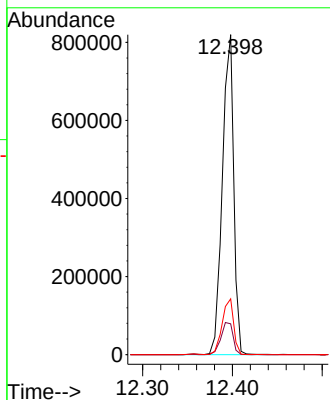
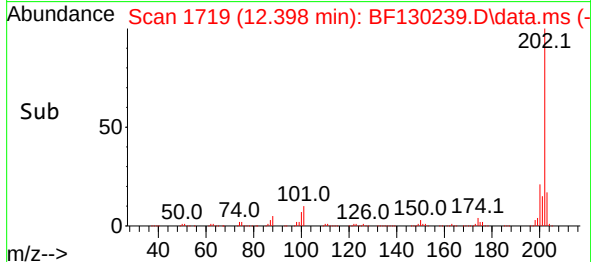
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



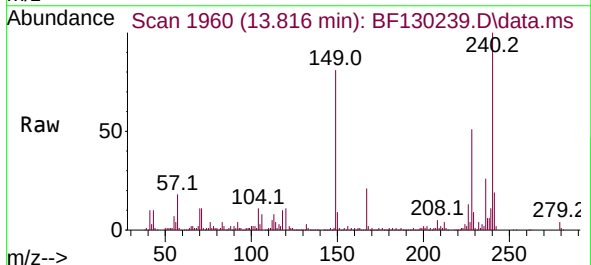
Tgt Ion:202 Resp: 720112
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
APPROVED

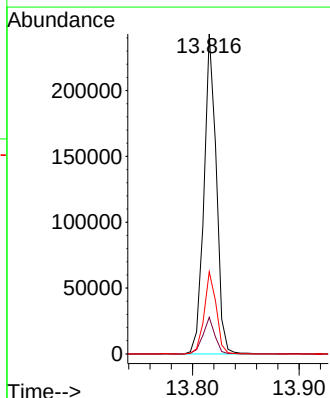
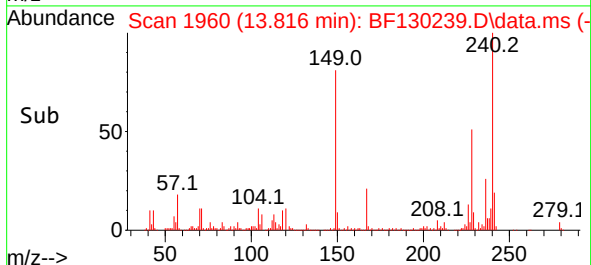
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

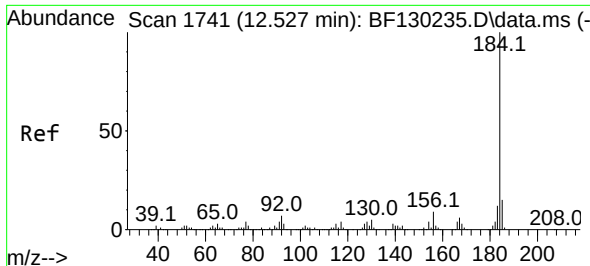


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



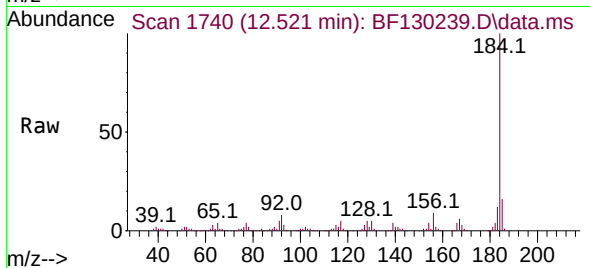
Tgt Ion:240 Resp: 194174
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.7 20.9 31.3





#77
Benzidine
Concen: 38.463 ng
RT: 12.521 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

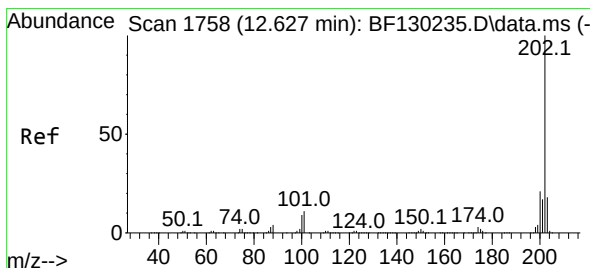
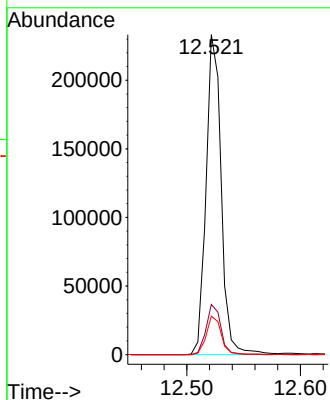
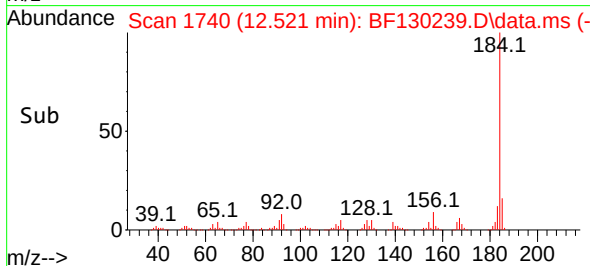
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



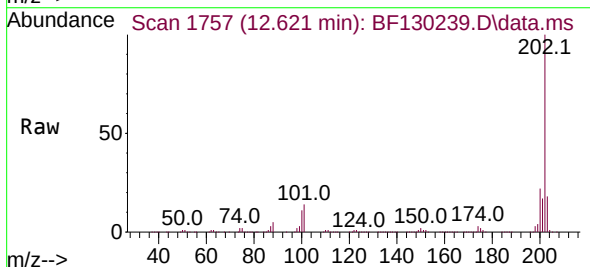
Tgt Ion:184 Resp: 216804
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 12.0 9.1 13.7

Manual Integrations
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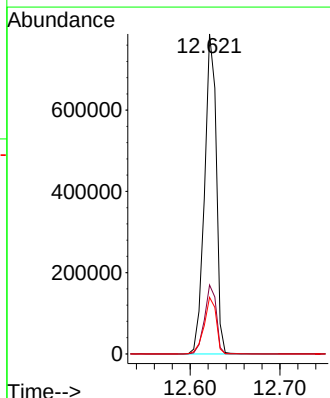
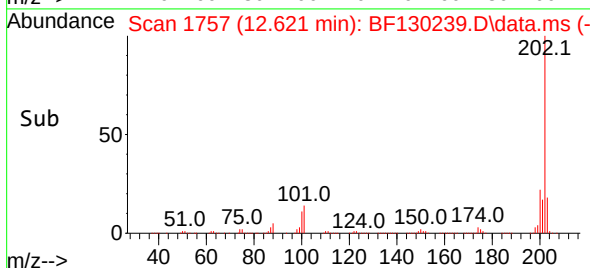
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

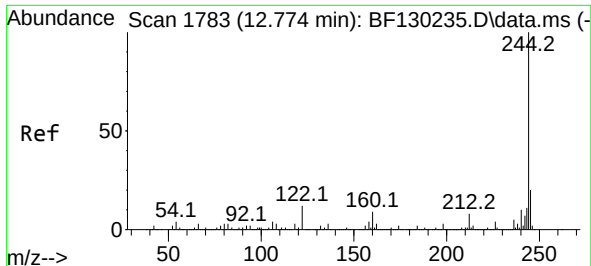


#78
Pyrene
Concen: 42.067 ng
RT: 12.621 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:202 Resp: 714562
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.3 21.5





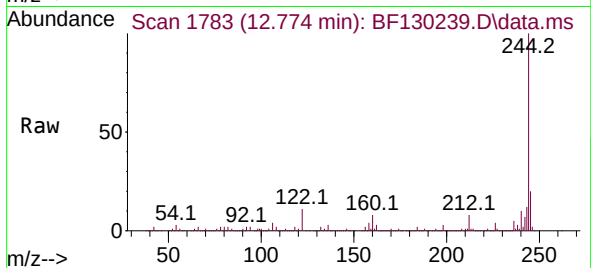
#79
 Terphenyl-d14
 Concen: 83.716 ng
 RT: 12.774 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF130239.D
 Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

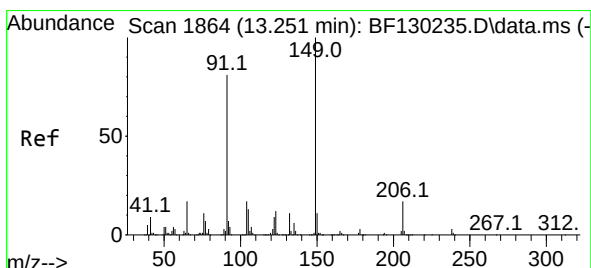
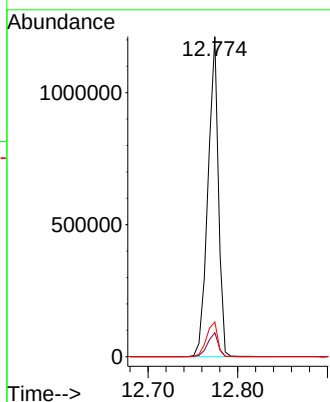
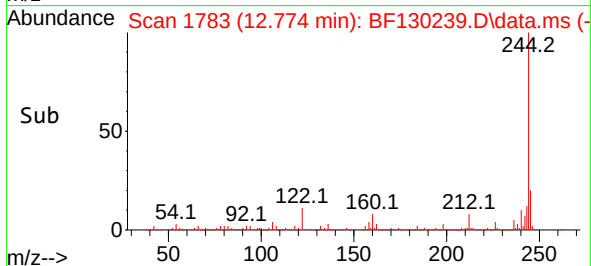


Tgt Ion:244 Resp: 981317
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.8 8.5 12.7

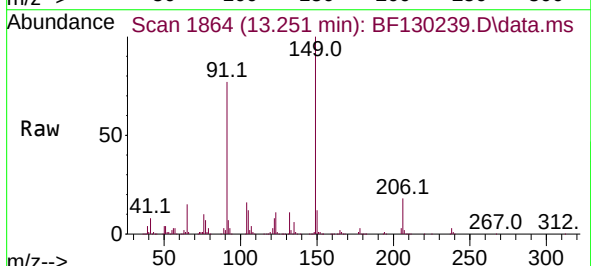
Manual Integrations

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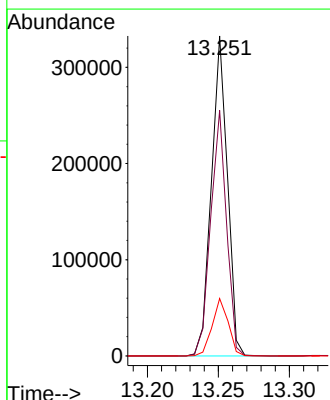
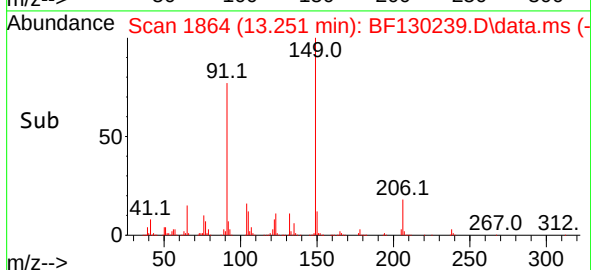
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022

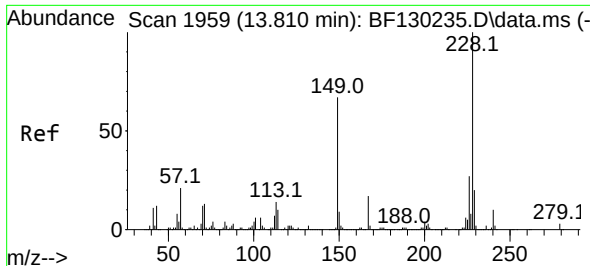


#80
 Butylbenzylphthalate
 Concen: 41.457 ng
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: BF130239.D
 Acq: 14 Sep 2022 14:48



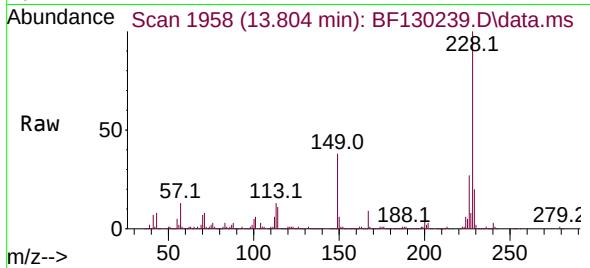
Tgt Ion:149 Resp: 260882
 Ion Ratio Lower Upper
 149 100
 91 76.7 59.8 89.8
 206 17.9 13.9 20.9





#81
Benzo(a)anthracene
Concen: 39.260 ng
RT: 13.804 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

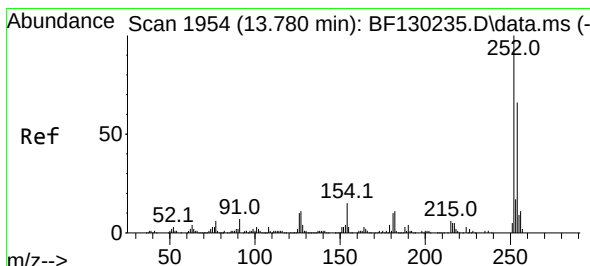
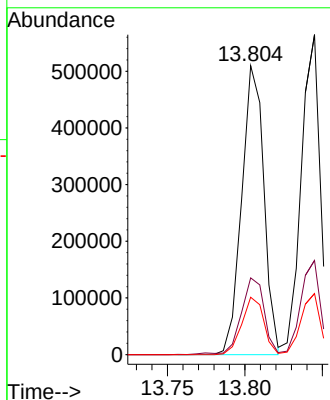
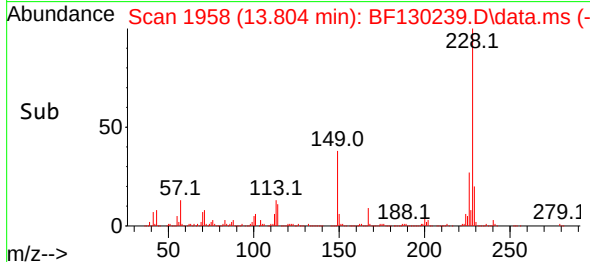
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



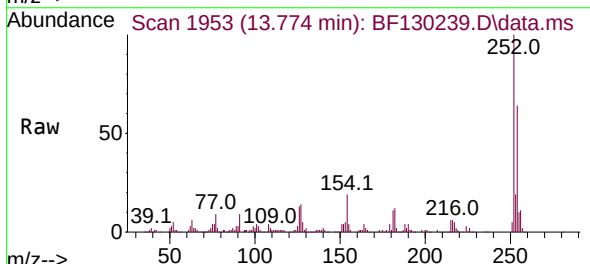
Tgt Ion:228 Resp: 507138
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 19.9 16.1 24.1

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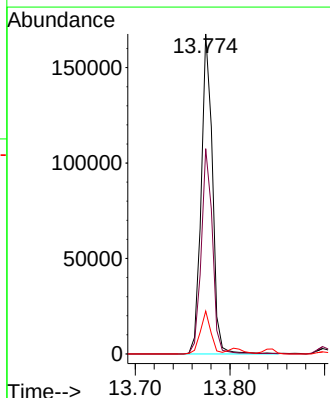
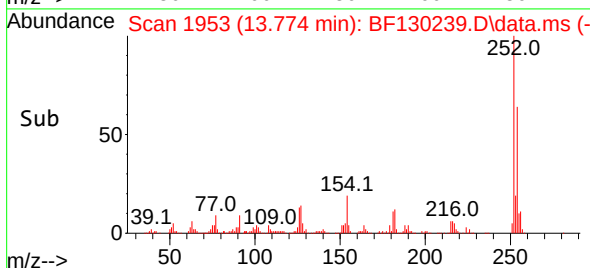
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

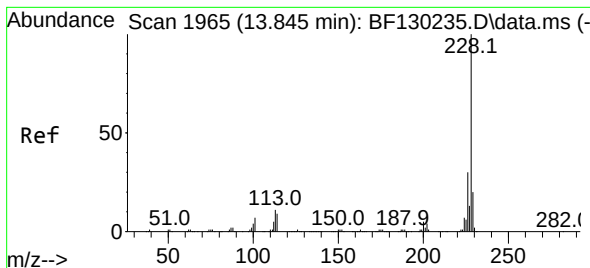


#82
3,3'-Dichlorobenzidine
Concen: 39.220 ng
RT: 13.774 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:252 Resp: 137907
Ion Ratio Lower Upper
252 100
254 64.1 51.1 76.7
126 13.4 10.4 15.6





#83

Chrysene

Concen: 39.636 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

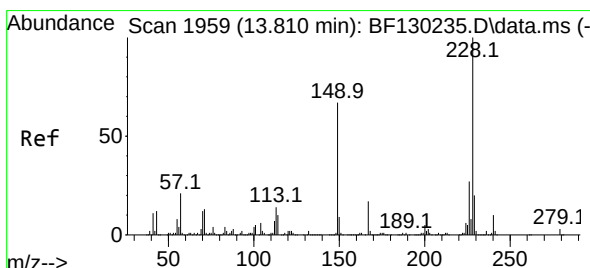
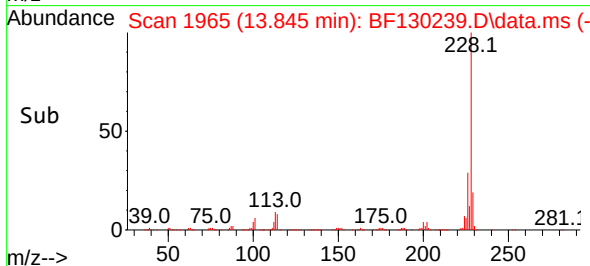
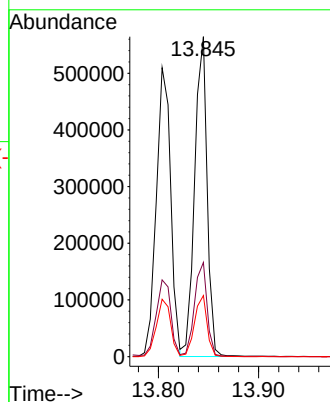
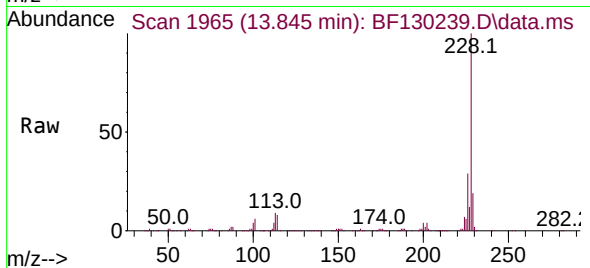
ICVBF091422

Tgt Ion:	228	Resp:	486144
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.8
229	19.1	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.085 ng

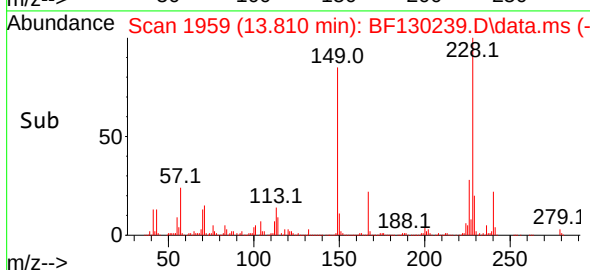
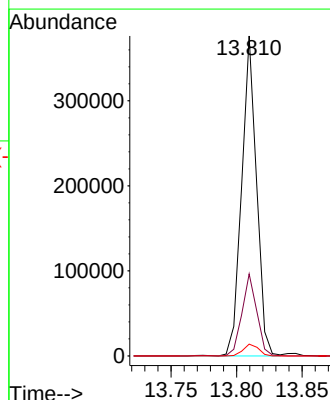
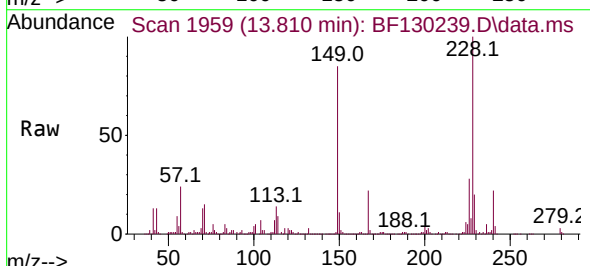
RT: 13.810 min Scan# 1959

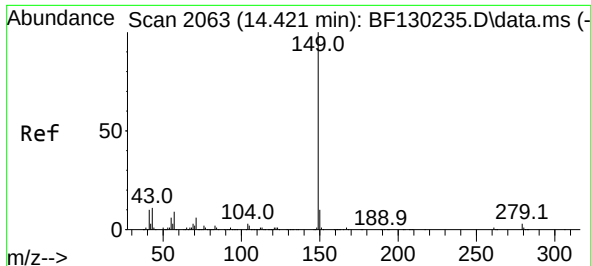
Delta R.T. 0.000 min

Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

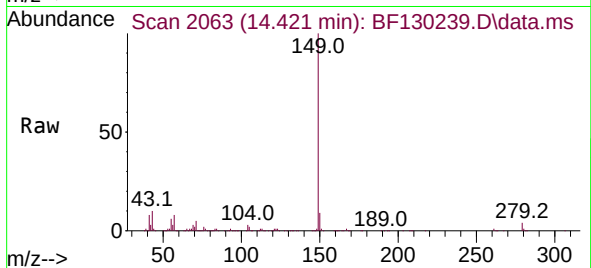
Tgt Ion:	149	Resp:	296141
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.5	30.7
279	3.7	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 40.111 ng
RT: 14.421 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

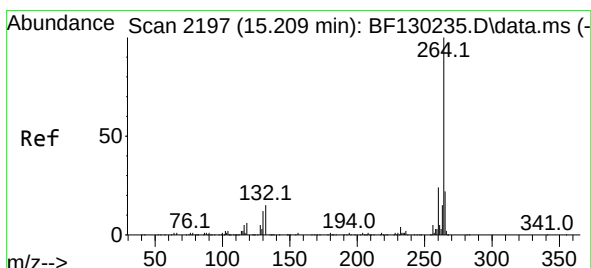
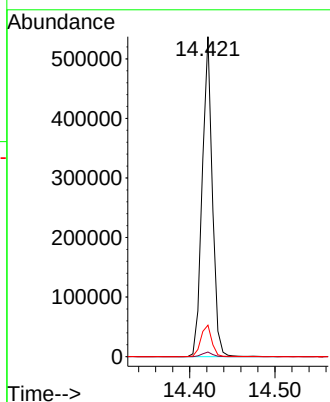
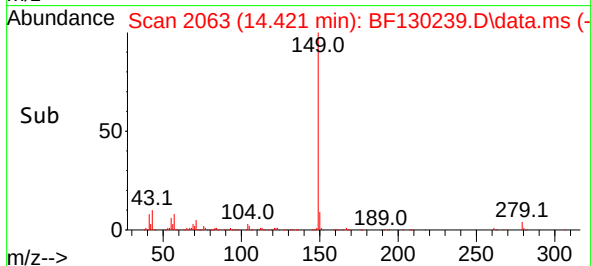
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



Tgt Ion:149 Resp: 442210
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.6 8.7 13.1

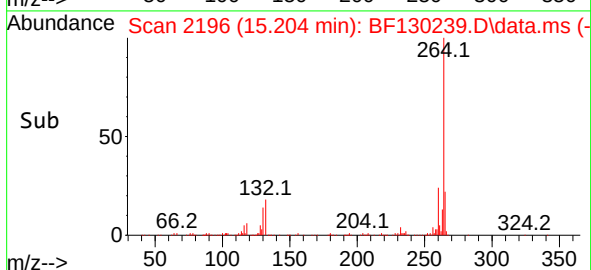
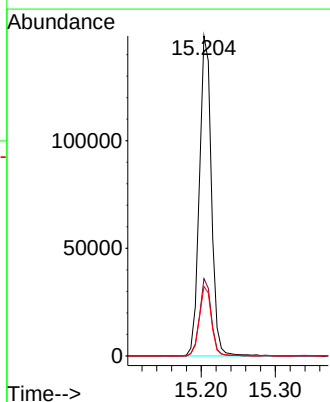
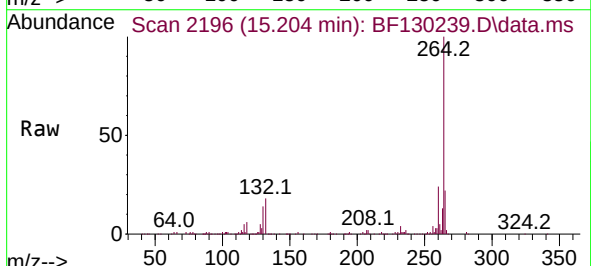
Manual Integrations
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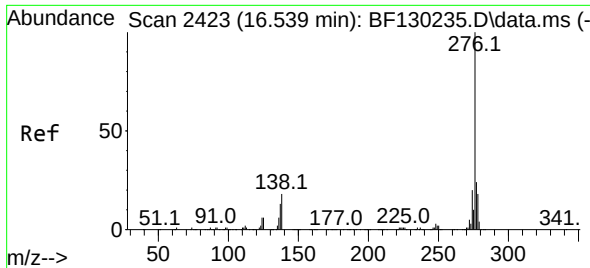
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Tgt Ion:264 Resp: 167272
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.7 17.0 25.4





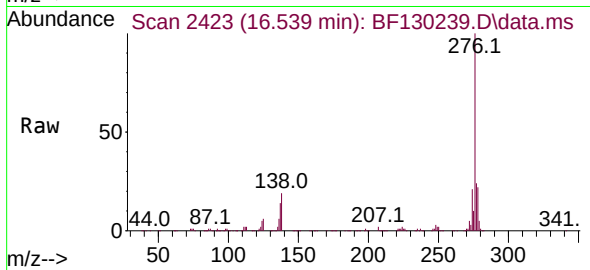
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.947 ng
RT: 16.539 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422

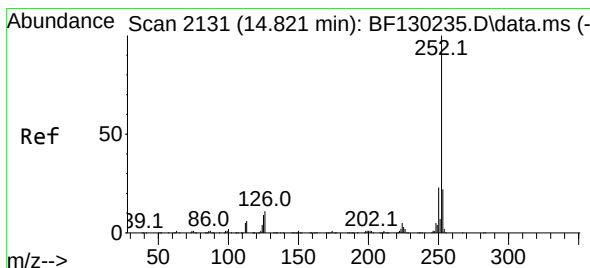
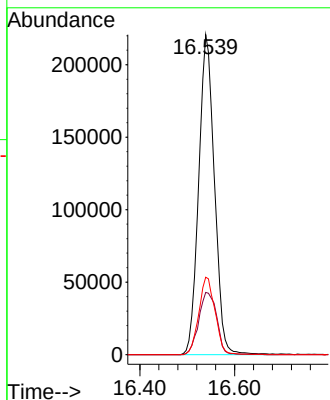
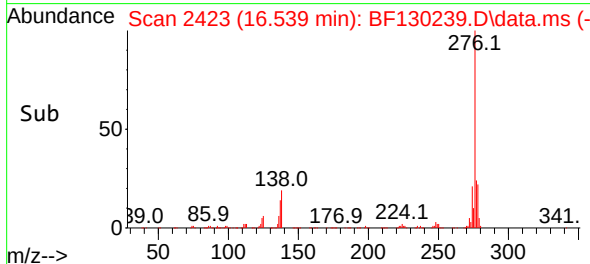


Tgt Ion:276 Resp: 509439
Ion Ratio Lower Upper
276 100
138 22.2 18.5 27.7
277 24.8 20.2 30.4

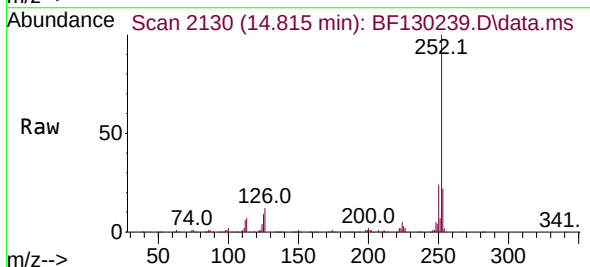
Manual Integrations

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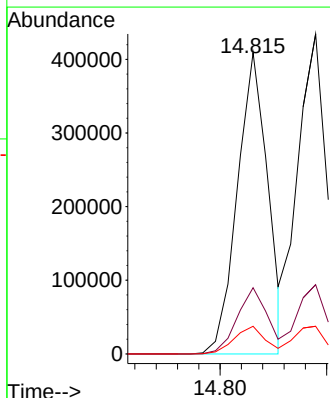
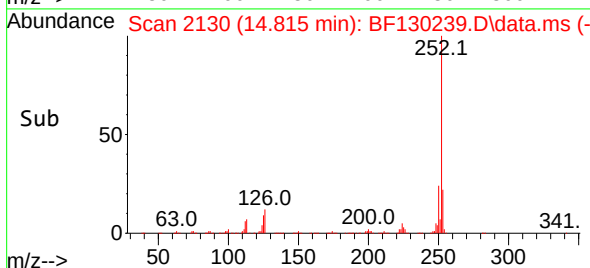
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

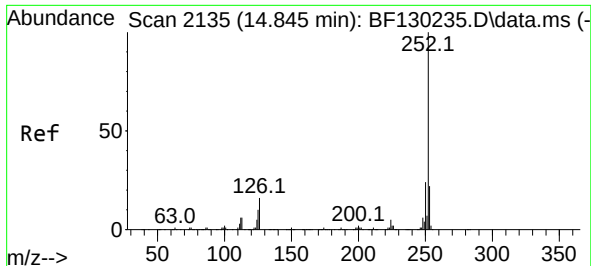


#88
Benzo(b)fluoranthene
Concen: 37.234 ng
RT: 14.815 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:252 Resp: 406508
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 39.174 ng

RT: 14.845 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BF130239.D

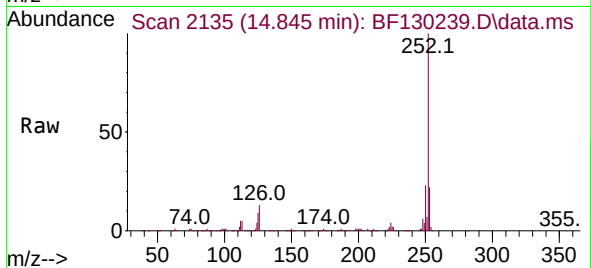
Acq: 14 Sep 2022 14:48

Instrument :

BNA_F

ClientSampleId :

ICVBF091422



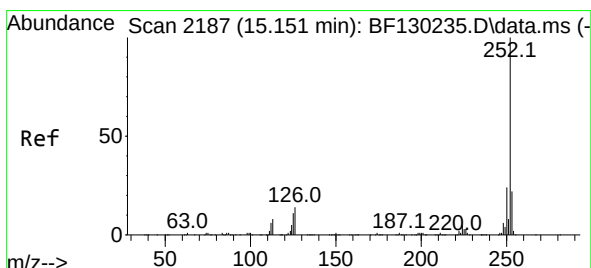
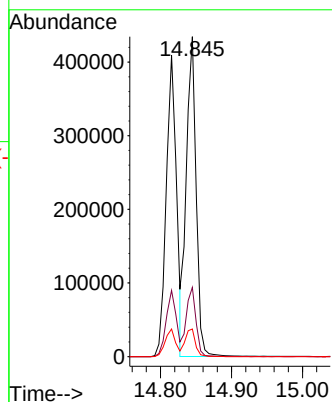
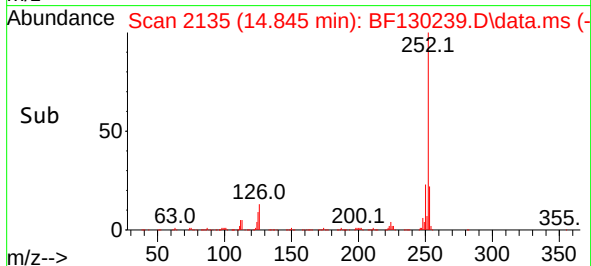
Tgt Ion:252 Resp: 420725

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	8.6	7.9	11.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#90

Benzo(a)pyrene

Concen: 39.550 ng

RT: 15.151 min Scan# 2187

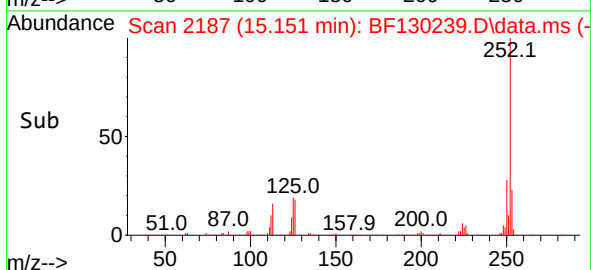
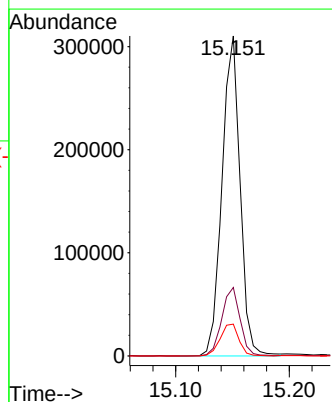
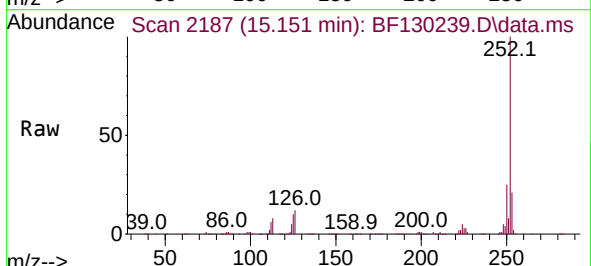
Delta R.T. 0.000 min

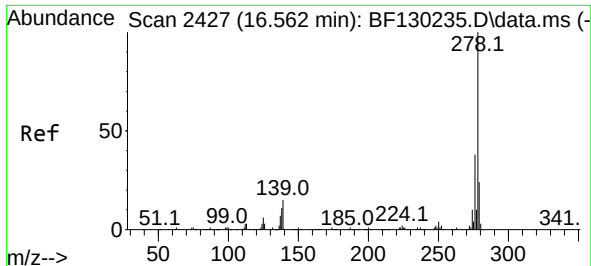
Lab File: BF130239.D

Acq: 14 Sep 2022 14:48

Tgt Ion:252 Resp: 342091

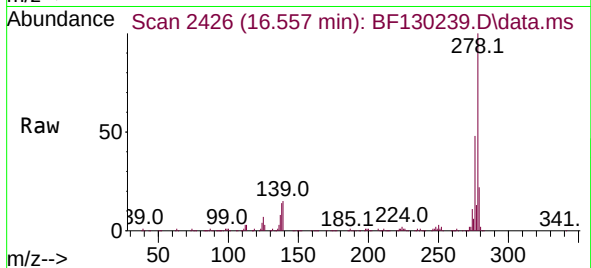
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	9.9	9.0	13.6





#91
Dibenzo(a,h)anthracene
Concen: 43.399 ng
RT: 16.557 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48

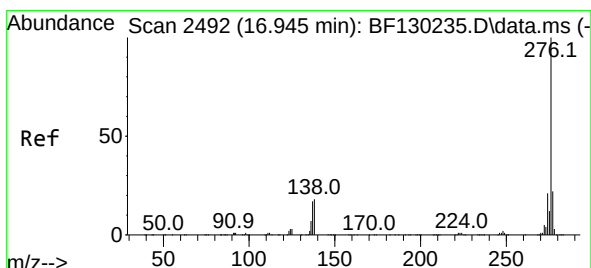
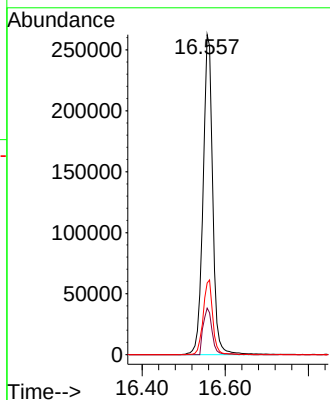
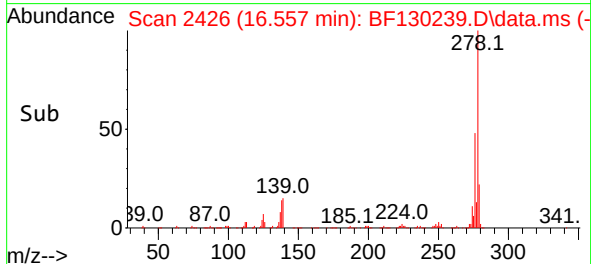
Instrument :
BNA_F
ClientSampleId :
ICVBF091422



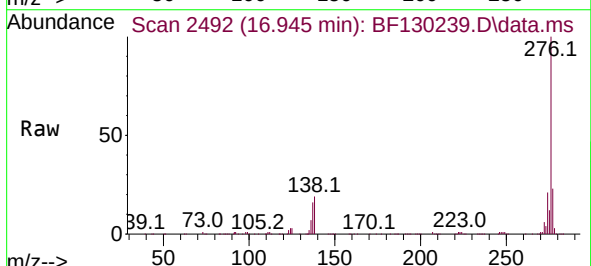
Tgt Ion:278 Resp: 422313
Ion Ratio Lower Upper
278 100
139 14.6 11.8 17.8
279 22.4 19.4 29.0

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Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#92
Benzo(g,h,i)perylene
Concen: 42.802 ng
RT: 16.945 min Scan# 2492
Delta R.T. 0.000 min
Lab File: BF130239.D
Acq: 14 Sep 2022 14:48



Tgt Ion:276 Resp: 419561
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 18.9 14.6 21.8

