

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132129.D
 Acq On : 18 Jan 2023 21:04
 Operator : CG\JU
 Sample : 01159-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-EMS

Quant Time: Jan 19 05:22:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	210392	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	745657	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	392305	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	752524	20.000	ng	0.00
76) Chrysene-d12	14.312	240	426249	20.000	ng	0.00
86) Perylene-d12	15.912	264	454802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.736	112	1163887	98.421	ng	0.02
7) Phenol-d6	6.713	99	1450648	94.956	ng	0.00
23) Nitrobenzene-d5	7.660	82	1077330	76.691	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	479305	111.666	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1766731	78.356	ng	0.00
79) Terphenyl-d14	13.242	244	1970027	74.990	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.272	88	202153	32.639	ng	# 84
3) Pyridine	3.925	79	461436	27.824	ng	96
4) n-Nitrosodimethylamine	3.872	42	273118	34.078	ng	94
6) Aniline	6.760	93	253373	11.861	ng	98
8) 2-Chlorophenol	6.883	128	505561	40.168	ng	97
9) Benzaldehyde	6.648	77	185892	17.318	ng	97
10) Phenol	6.725	94	516096	32.830	ng	97
11) bis(2-Chloroethyl)ether	6.830	93	504335	37.726	ng	99
12) 1,3-Dichlorobenzene	7.042	146	506380	36.560	ng	98
13) 1,4-Dichlorobenzene	7.113	146	509590	36.757	ng	97
14) 1,2-Dichlorobenzene	7.266	146	493910	37.598	ng	97
15) Benzyl Alcohol	7.230	79	452451	37.260	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	744871	37.429	ng	98
17) 2-Methylphenol	7.336	107	390607	34.483	ng	99
18) Hexachloroethane	7.613	117	191733	37.522	ng	96
19) n-Nitroso-di-n-propyla...	7.507	70	341373	35.543	ng	100
20) 3+4-Methylphenols	7.489	107	487089	34.644	ng	92
22) Acetophenone	7.507	105	645155	37.508	ng	96
24) Nitrobenzene	7.683	77	554455	37.694	ng	96
25) Isophorone	7.913	82	1019358	36.266	ng	100
26) 2-Nitrophenol	7.995	139	247611	41.315	ng	95
27) 2,4-Dimethylphenol	8.019	122	442303	37.019	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	602477	37.378	ng	99
29) 2,4-Dichlorophenol	8.230	162	428314	38.254	ng	97
30) 1,2,4-Trichlorobenzene	8.325	180	465866	38.076	ng	98
31) Naphthalene	8.407	128	1358797	37.115	ng	100
32) Benzoic acid	8.119	122	281911	34.346	ng	97
33) 4-Chloroaniline	8.442	127	48670	3.028	ng	94
34) Hexachlorobutadiene	8.519	225	304834	37.780	ng	98
35) Caprolactam	8.819	113	80224	22.050	ng	99
36) 4-Chloro-3-methylphenol	8.919	107	438353	37.546	ng	99
37) 2-Methylnaphthalene	9.101	142	904851	35.493	ng	100
38) 1-Methylnaphthalene	9.201	142	848459	35.422	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	474063	37.597	ng	98
41) Hexachlorocyclopentadiene	9.254	237	550772	82.197	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	324348	40.025	ng	100

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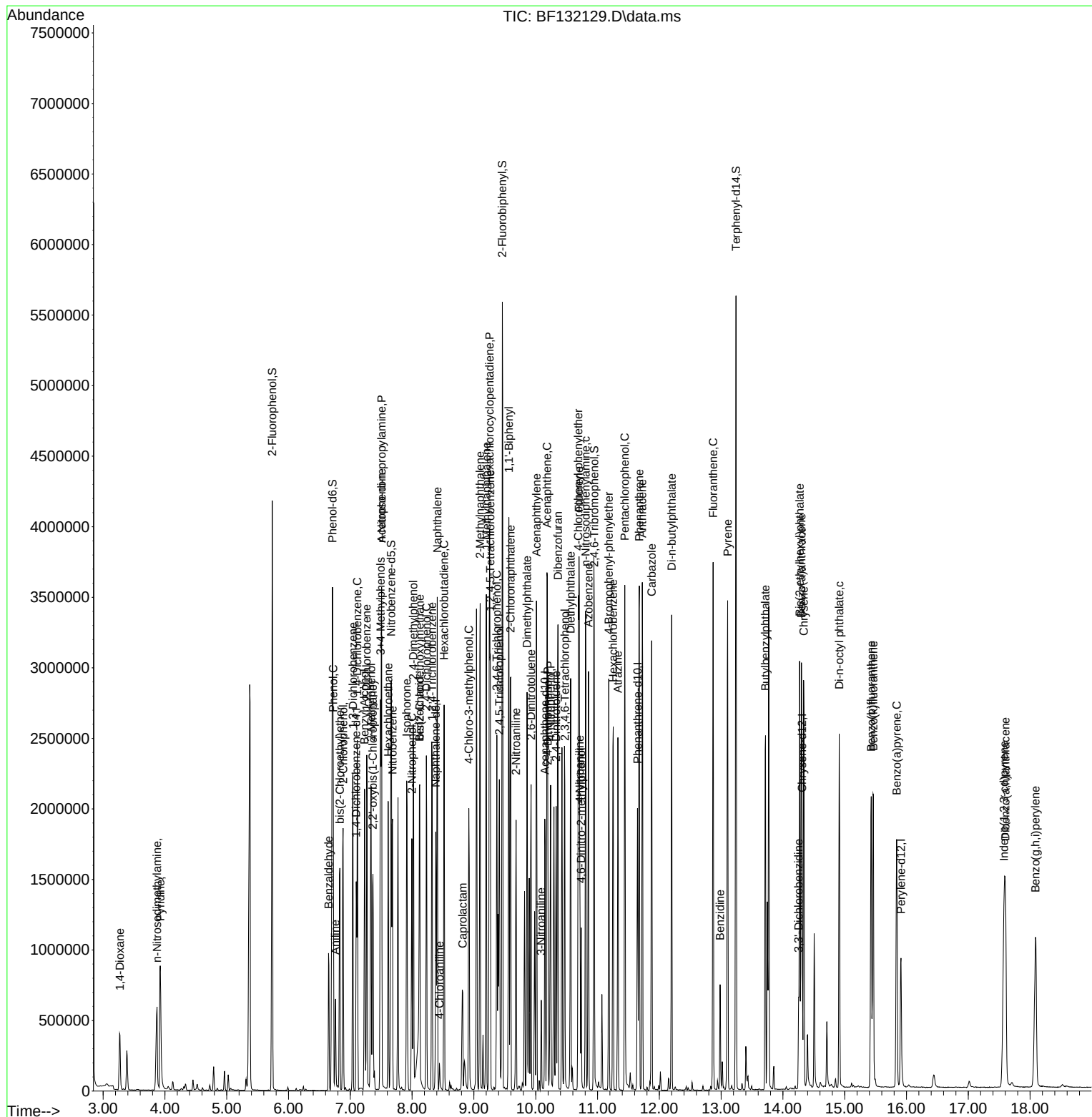
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	361162	36.471	ng	96
46) 1,1'-Biphenyl	9.566	154	1113504	38.444	ng	99
47) 2-Chloronaphthalene	9.595	162	871685	38.570	ng	97
48) 2-Nitroaniline	9.683	65	291494	37.833	ng	94
49) Acenaphthylene	10.013	152	1375449	37.557	ng	98
50) Dimethylphthalate	9.860	163	1069311	37.495	ng	100
51) 2,6-Dinitrotoluene	9.924	165	236661	39.010	ng	89
52) Acenaphthene	10.183	154	882072	39.773	ng	99
53) 3-Nitroaniline	10.089	138	81048	12.619	ng	100
54) 2,4-Dinitrophenol	10.195	184	181821	70.539	ng #	57
55) Dibenzofuran	10.360	168	1259369	36.906	ng	97
56) 4-Nitrophenol	10.242	139	320108	69.763	ng	91
57) 2,4-Dinitrotoluene	10.330	165	300451	40.095	ng	91
58) Fluorene	10.701	166	931155	36.795	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.471	232	301342	38.662	ng	100
60) Diethylphthalate	10.566	149	1050139	36.775	ng	99
61) 4-Chlorophenyl-phenyle...	10.689	204	502660	36.954	ng	96
62) 4-Nitroaniline	10.713	138	195837	33.813	ng	97
63) Azobenzene	10.854	77	1000929	35.985	ng	96
65) 4,6-Dinitro-2-methylph...	10.736	198	130833	37.386	ng	99
66) n-Nitrosodiphenylamine	10.807	169	848961	37.591	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	330714	38.688	ng	97
68) Hexachlorobenzene	11.254	284	345886	40.218	ng	95
69) Atrazine	11.330	200	304359	40.045	ng	99
70) Pentachlorophenol	11.442	266	393270	66.557	ng	99
71) Phenanthrene	11.677	178	1406380	37.805	ng	99
72) Anthracene	11.724	178	1414525	37.396	ng	99
73) Carbazole	11.877	167	1238284	37.518	ng	99
74) Di-n-butylphthalate	12.201	149	1558724	38.890	ng	100
75) Fluoranthene	12.871	202	1500384	37.652	ng	99
77) Benzidine	12.983	184	270656	23.580	ng	98
78) Pyrene	13.107	202	1497487	36.703	ng	99
80) Butylbenzylphthalate	13.718	149	581083	40.405	ng	95
81) Benzo(a)anthracene	14.301	228	1154329	38.747	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	128996	16.278	ng	97
83) Chrysene	14.336	228	1071012	38.242	ng	100
84) Bis(2-ethylhexyl)phtha...	14.271	149	785810	41.781	ng	99
85) Di-n-octyl phthalate	14.912	149	1215081	49.263	ng	99
87) Indeno(1,2,3-cd)pyrene	17.577	276	1228215	45.834	ng	99
88) Benzo(b)fluoranthene	15.430	252	1101408	38.493	ng	99
89) Benzo(k)fluoranthene	15.465	252	1086439	37.957	ng	99
90) Benzo(a)pyrene	15.842	252	967389	37.399	ng	99
91) Dibenzo(a,h)anthracene	17.600	278	990346	45.993	ng	99
92) Benzo(g,h,i)perylene	18.089	276	1025970	45.732	ng	99

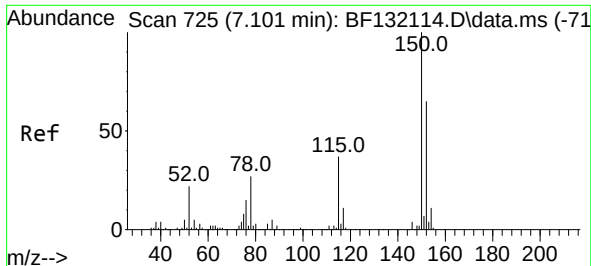
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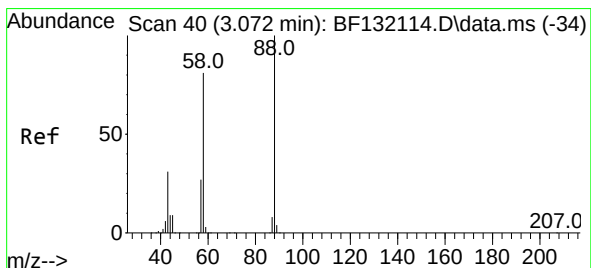
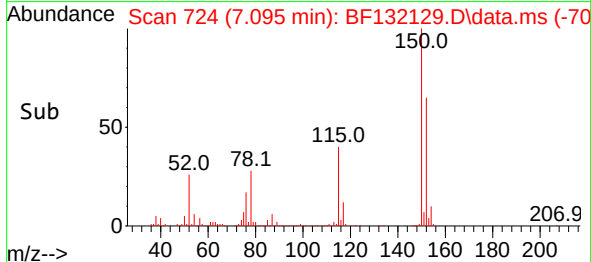
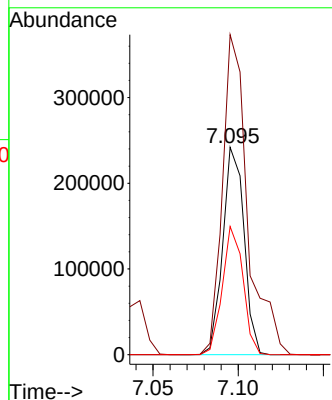
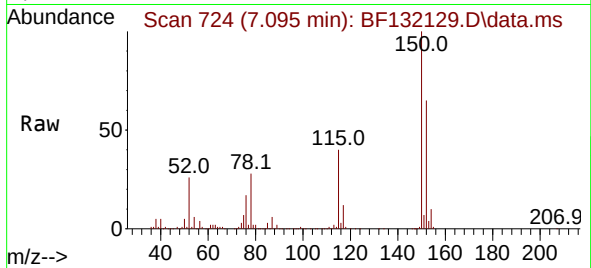




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

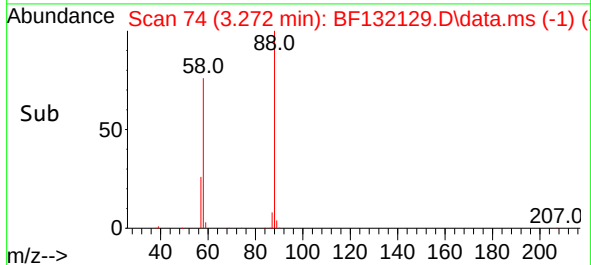
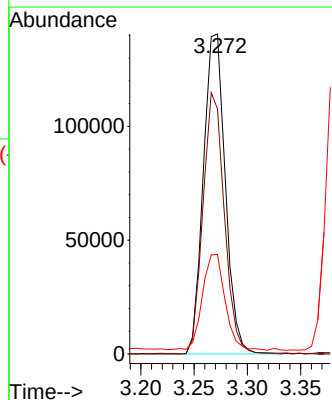
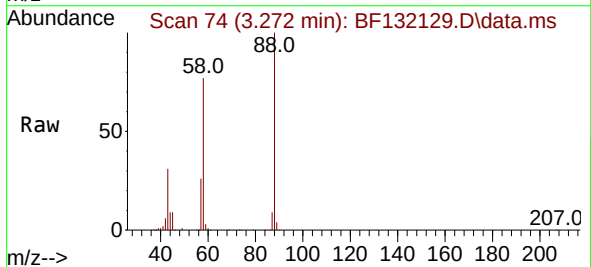
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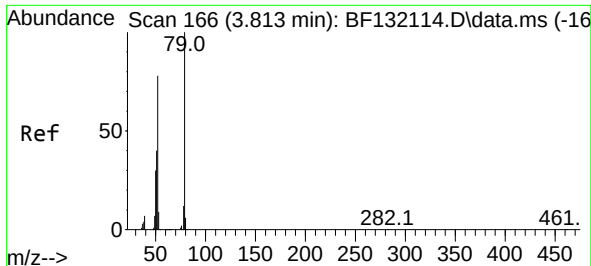
Tgt Ion:152 Resp: 210392
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.3 184.9
 115 61.9 45.8 68.6



#2
 1,4-Dioxane
 Concen: 32.639 ng
 RT: 3.272 min Scan# 74
 Delta R.T. 0.200 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

Tgt Ion: 88 Resp: 202153
 Ion Ratio Lower Upper
 88 100
 58 79.6 63.8 95.6
 43 0.0 24.7 37.1#

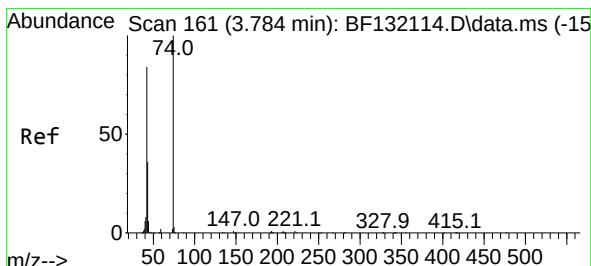
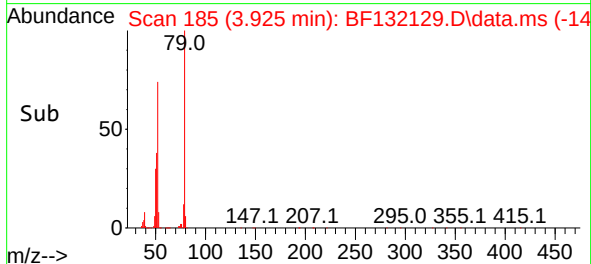
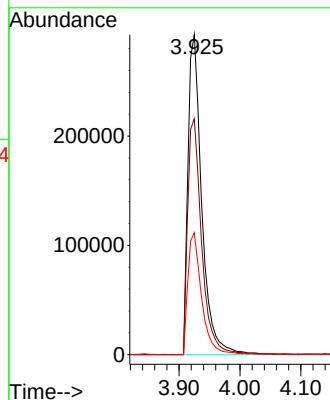
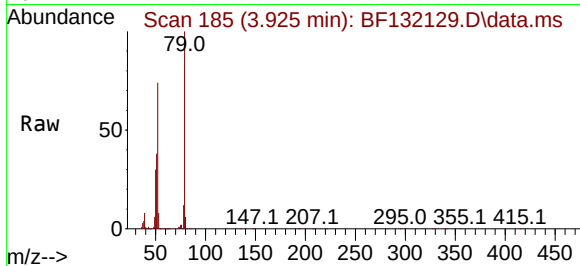




#3
Pyridine
Concen: 27.824 ng
RT: 3.925 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

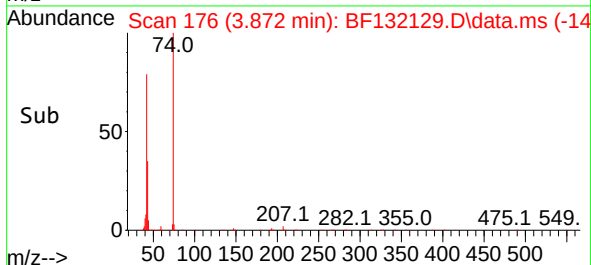
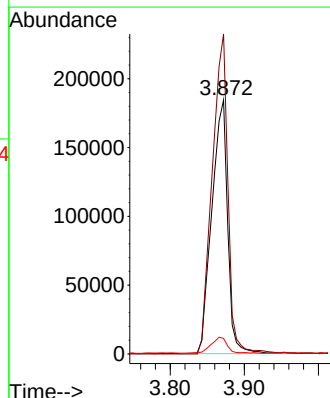
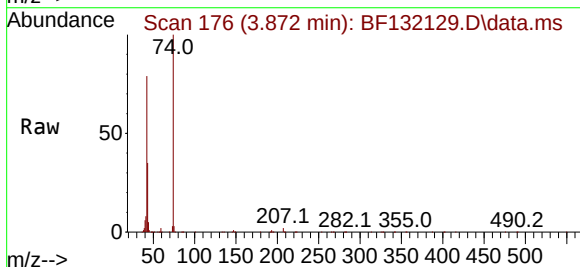
Instrument :
BNA_F
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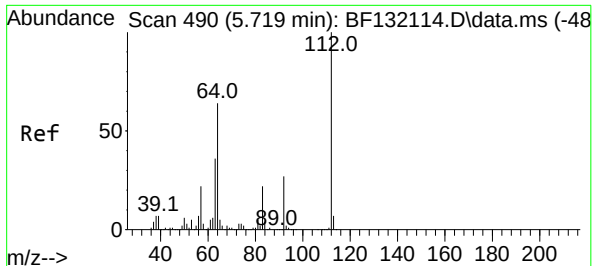
Tgt Ion: 79 Resp: 461436
Ion Ratio Lower Upper
79 100
52 73.7 62.2 93.4
51 38.1 31.9 47.9



#4
n-Nitrosodimethylamine
Concen: 34.078 ng
RT: 3.872 min Scan# 176
Delta R.T. 0.088 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion: 42 Resp: 273118
Ion Ratio Lower Upper
42 100
74 126.0 95.8 143.6
44 6.1 5.6 8.4

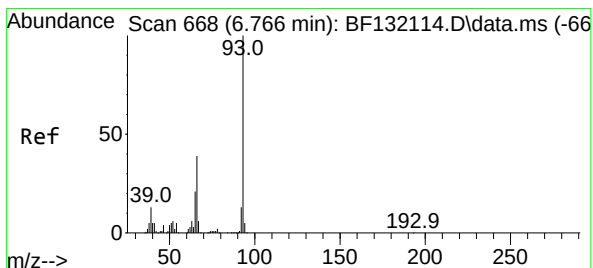
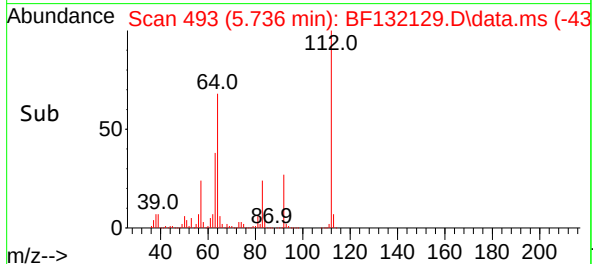
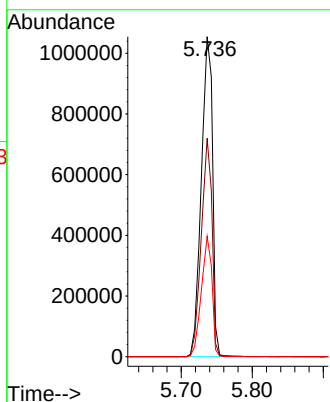
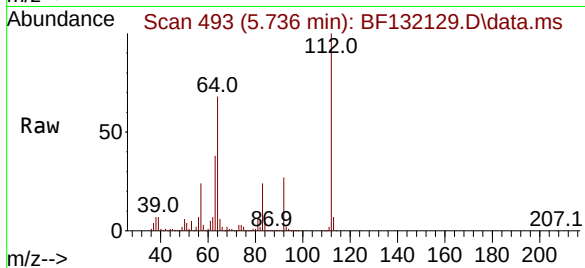




#5
2-Fluorophenol
Concen: 98.421 ng
RT: 5.736 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

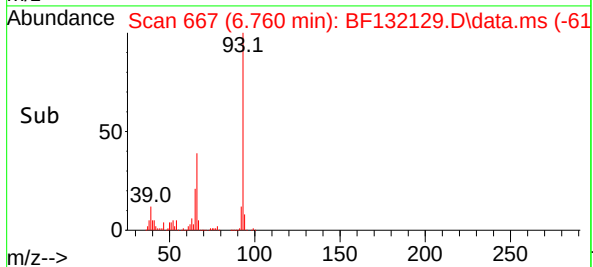
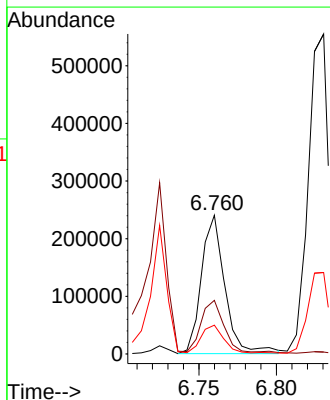
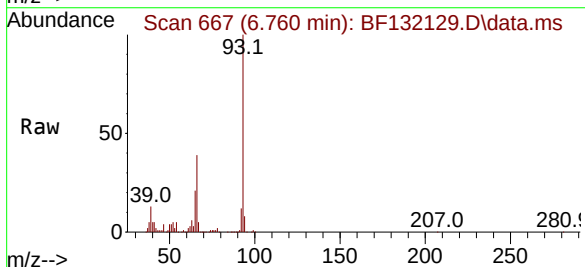
Instrument :
BNA_F
ClientSampleId :
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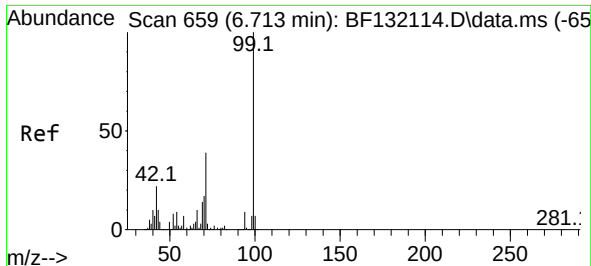
Tgt Ion:112 Resp: 1163887
Ion Ratio Lower Upper
112 100
64 68.2 51.0 76.6
63 37.6 28.7 43.1



#6
Aniline
Concen: 11.861 ng
RT: 6.760 min Scan# 667
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion: 93 Resp: 253373
Ion Ratio Lower Upper
93 100
66 38.7 32.2 48.2
65 20.8 17.0 25.4





#7

Phenol-d6

Concen: 94.956 ng

RT: 6.713 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

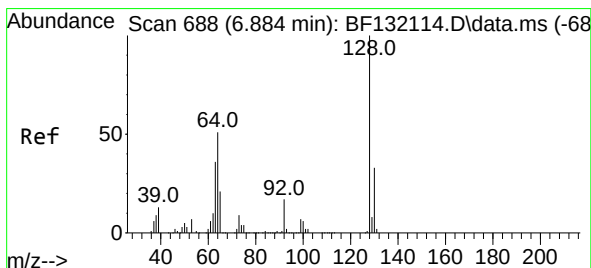
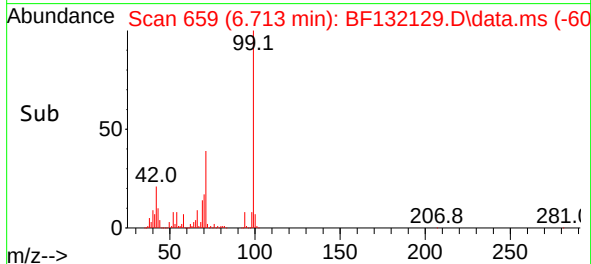
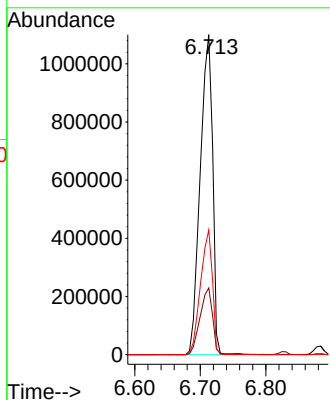
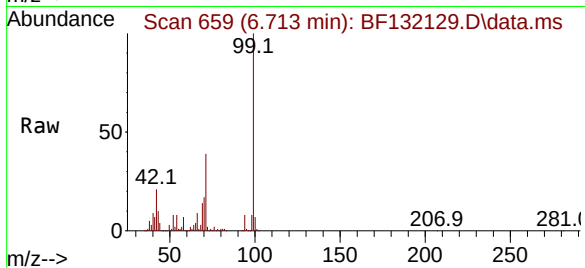
BNA_F

ClientSampleId :

TP-EMS

Tgt Ion: 99 Resp: 1450648

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.2	25.8
71	38.9	31.0	46.6



#8

2-Chlorophenol

Concen: 40.168 ng

RT: 6.883 min Scan# 688

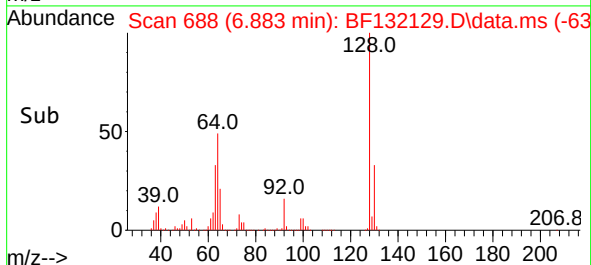
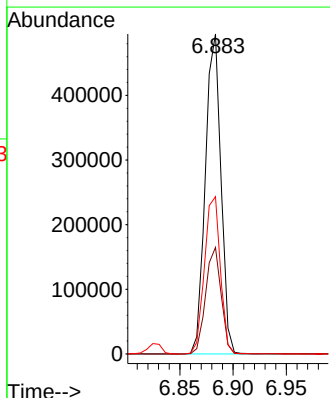
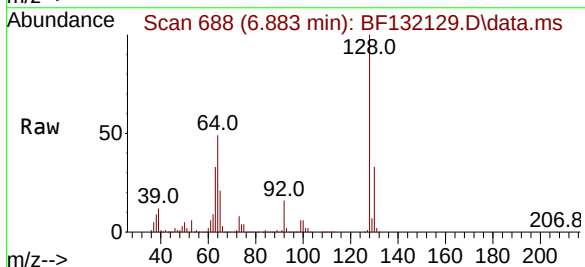
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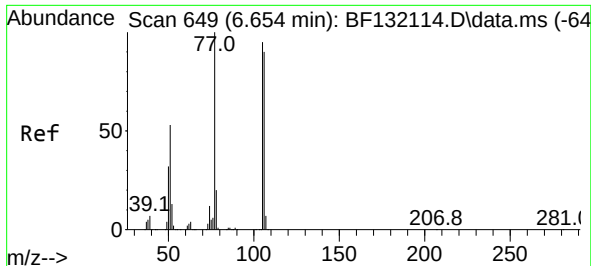
Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Tgt Ion: 128 Resp: 505561

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.1	53.1
64	49.2	32.0	72.0

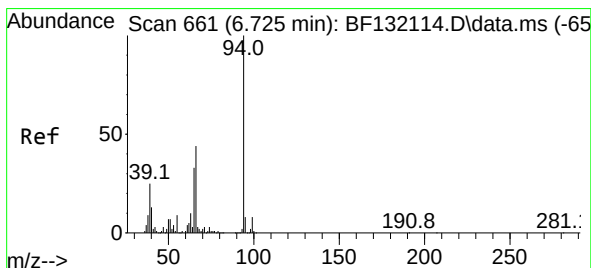
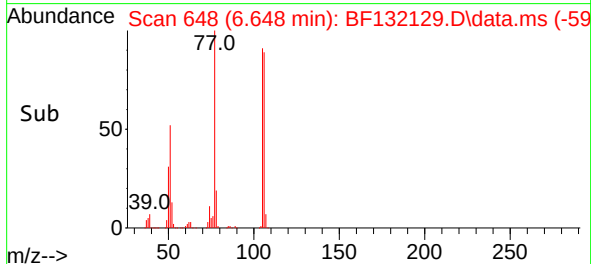
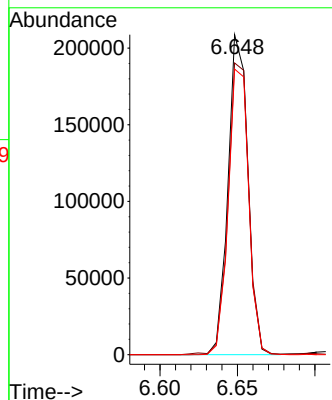
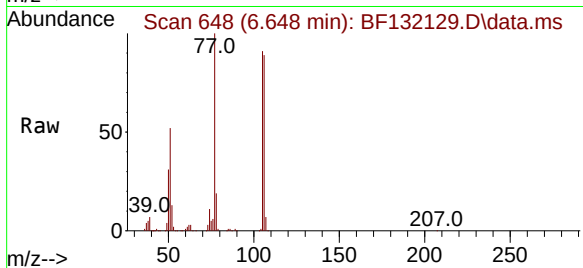




#9
Benzaldehyde
Concen: 17.318 ng
RT: 6.648 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

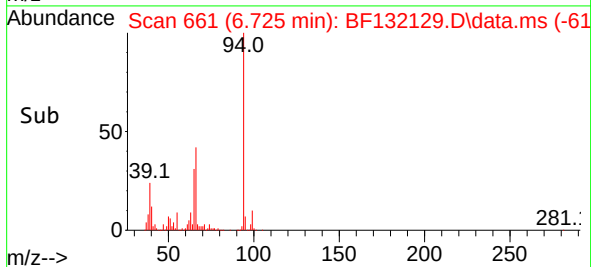
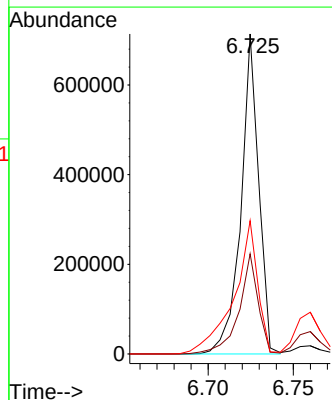
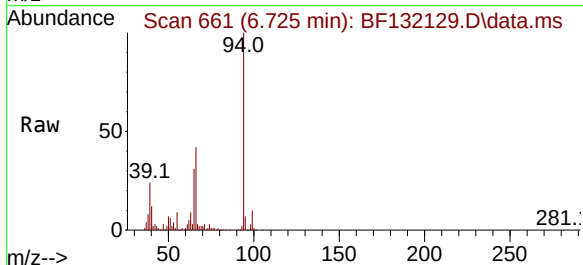
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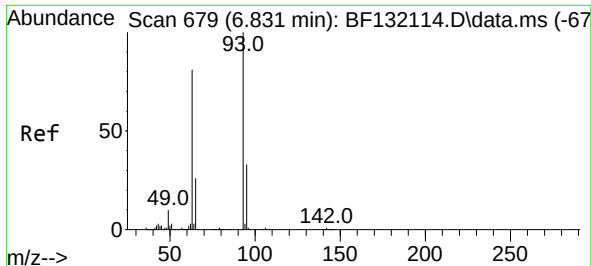
Tgt Ion: 77 Resp: 185892
Ion Ratio Lower Upper
77 100
105 91.1 75.3 115.3
106 89.2 70.2 110.2



#10
Phenol
Concen: 32.830 ng
RT: 6.725 min Scan# 661
Delta R.T. -0.000 min
Lab File: BF132129.D
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Tgt Ion: 94 Resp: 516096
Ion Ratio Lower Upper
94 100
65 31.3 12.7 52.7
66 41.6 23.8 63.8

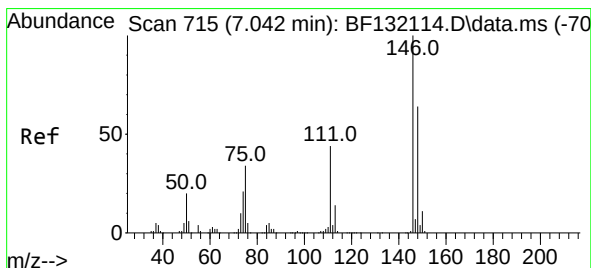
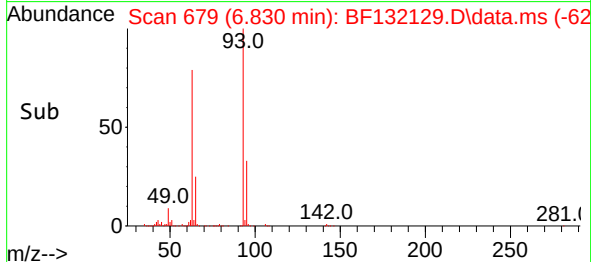
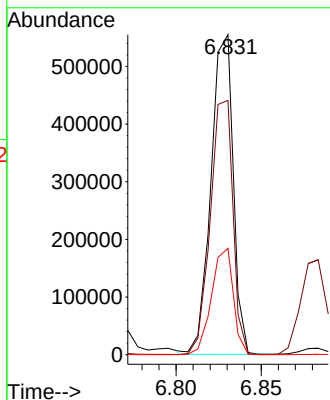
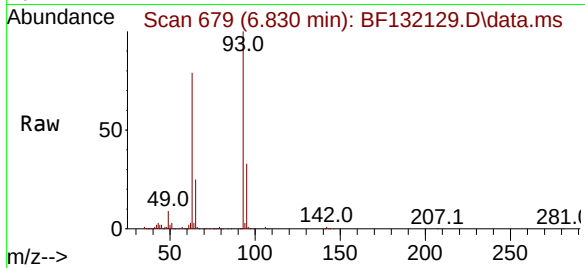




#11
bis(2-Chloroethyl)ether
Concen: 37.726 ng
RT: 6.830 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

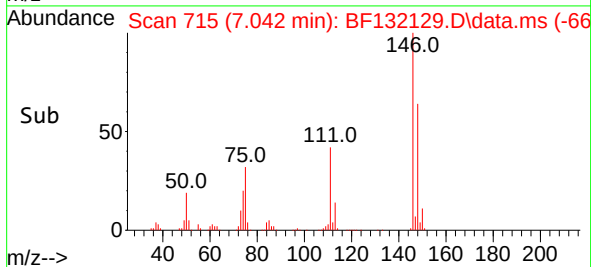
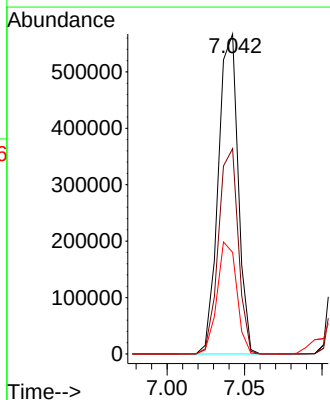
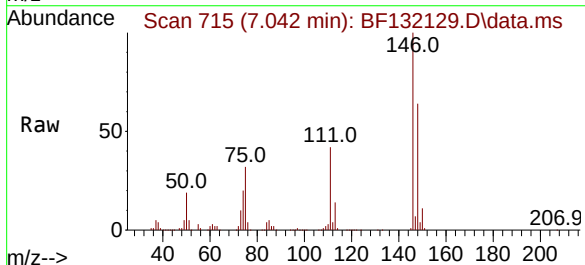
Instrument :
BNA_F
ClientSampleId :
TP-EMS

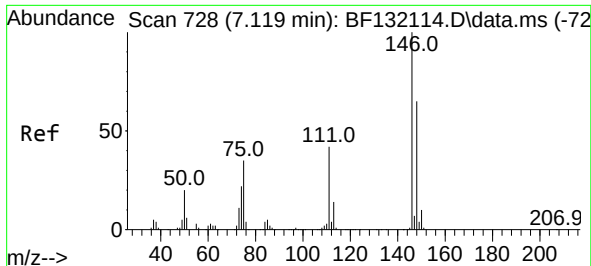
Tgt Ion: 93 Resp: 504335
Ion Ratio Lower Upper
93 100
63 79.4 60.8 100.8
95 33.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.560 ng
RT: 7.042 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:146 Resp: 506380
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
75 31.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 36.757 ng

RT: 7.113 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

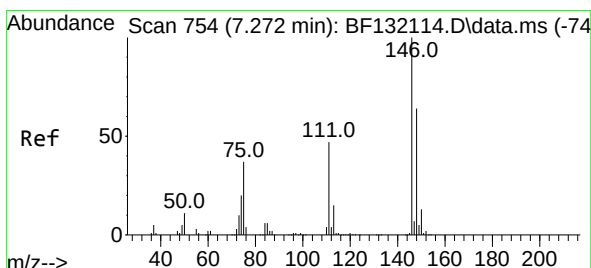
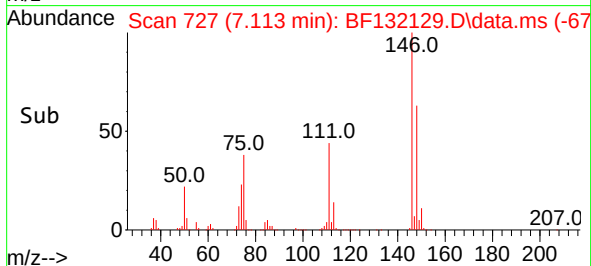
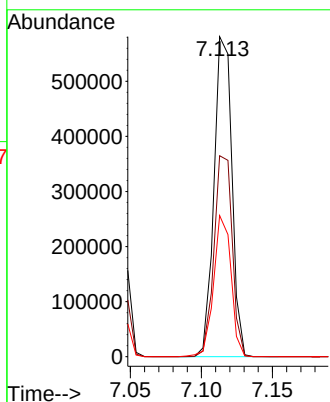
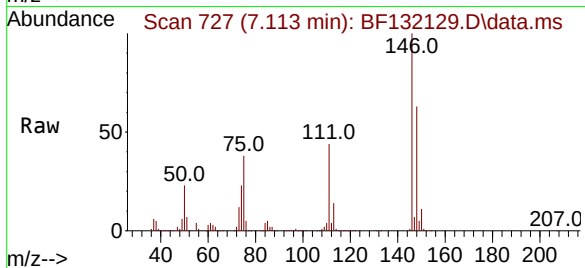
Tgt Ion:146 Resp: 509590

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.8

111 44.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 37.598 ng

RT: 7.266 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

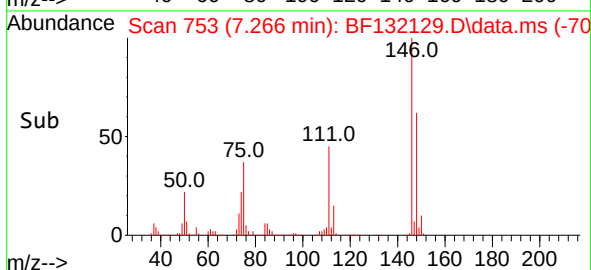
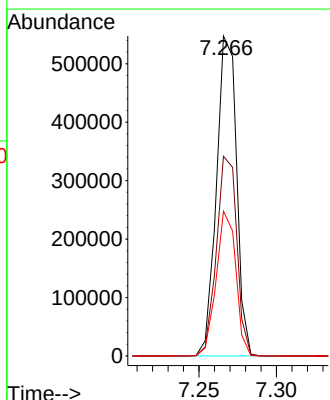
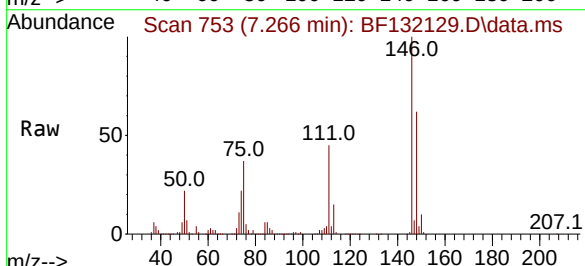
Tgt Ion:146 Resp: 493910

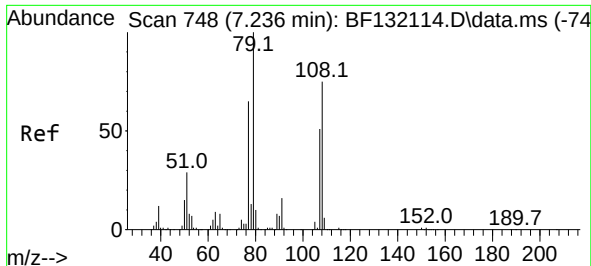
Ion Ratio Lower Upper

146 100

148 62.4 51.5 77.3

111 45.3 37.9 56.9

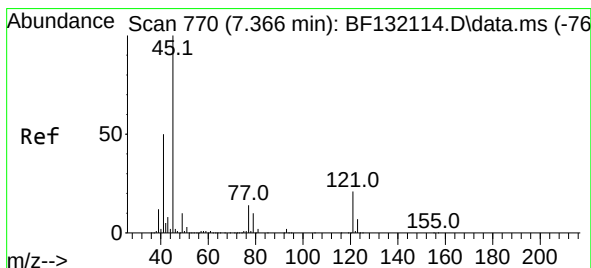
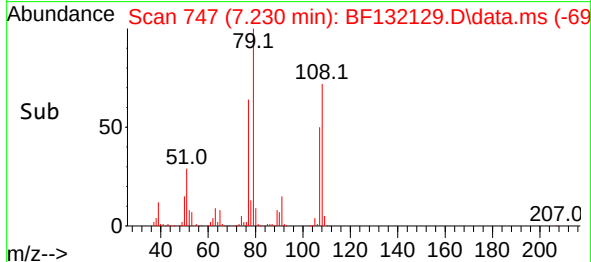
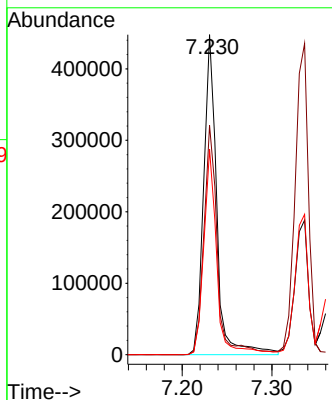
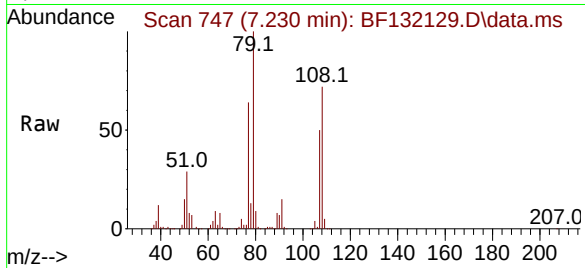




#15
Benzyl Alcohol
Concen: 37.260 ng
RT: 7.230 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

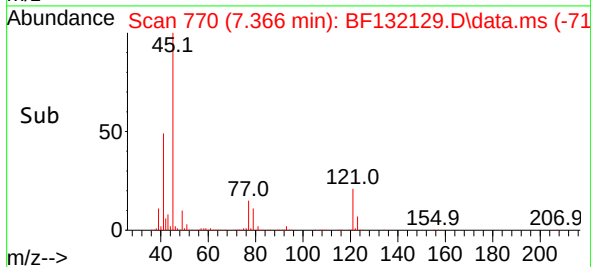
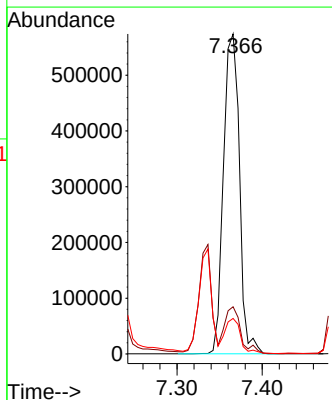
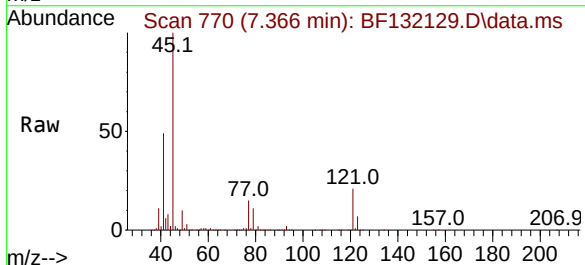
Instrument :
BNA_F
ClientSampleId :
TP-EMS

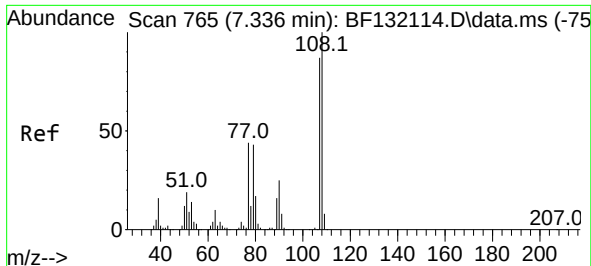
Tgt Ion: 79 Resp: 452451
Ion Ratio Lower Upper
79 100
108 71.6 59.7 89.5
77 64.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.429 ng
RT: 7.366 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion: 45 Resp: 744871
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.1
79 11.1 0.0 30.5





#17

2-Methylphenol

Concen: 34.483 ng

RT: 7.336 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF132129.D

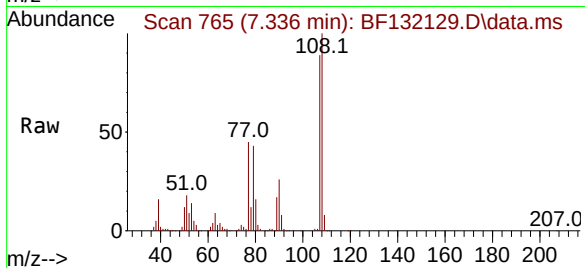
Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS



Tgt Ion:107 Resp: 390607

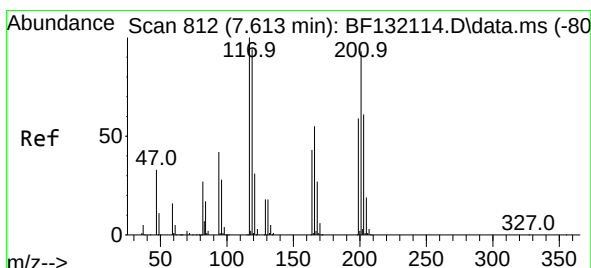
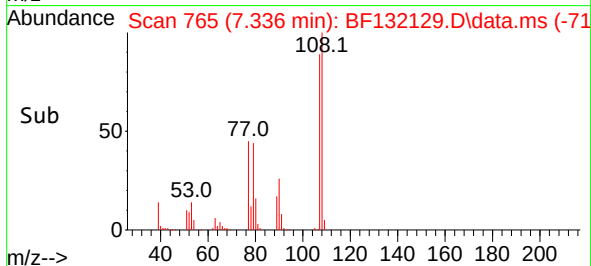
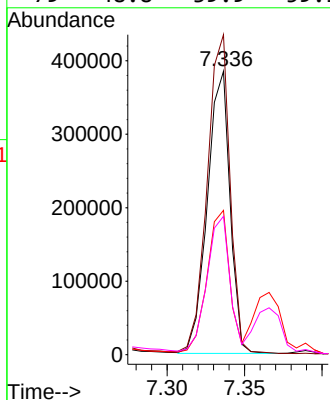
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 50.9 40.6 60.8

79 48.8 39.9 59.9



#18

Hexachloroethane

Concen: 37.522 ng

RT: 7.613 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

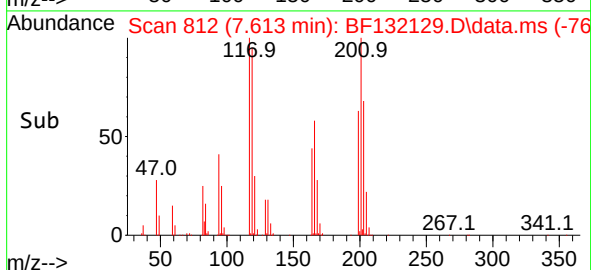
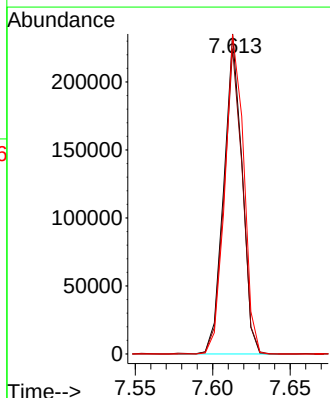
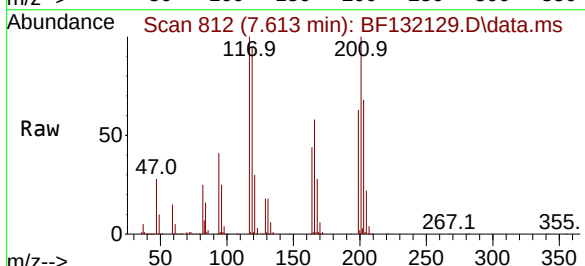
Tgt Ion:117 Resp: 191733

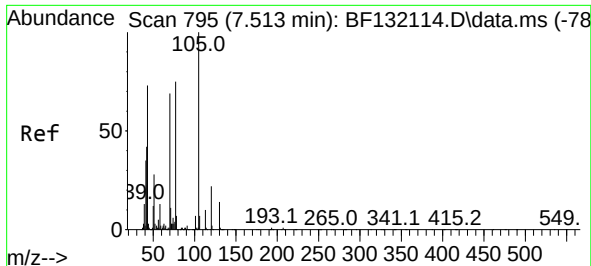
Ion Ratio Lower Upper

117 100

119 95.4 75.5 113.3

201 99.8 74.0 111.0

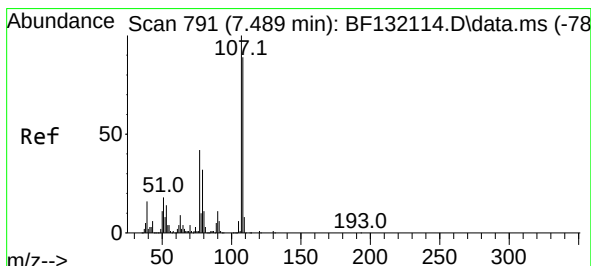
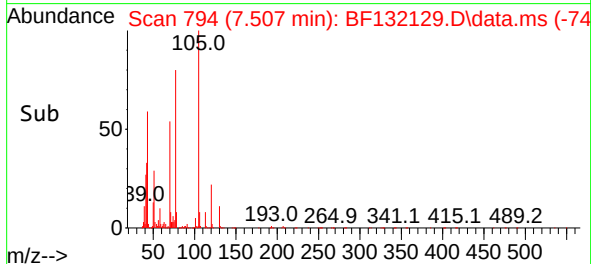
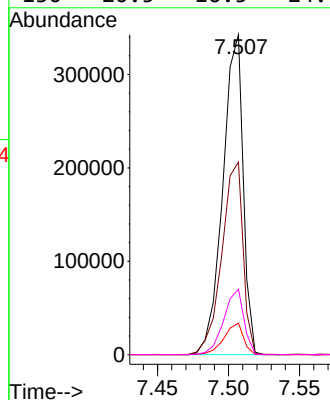
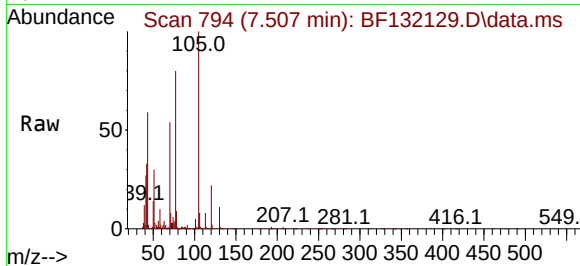




#19
n-Nitroso-di-n-propylamine
Concen: 35.543 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

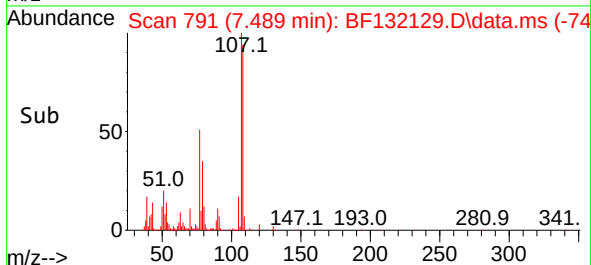
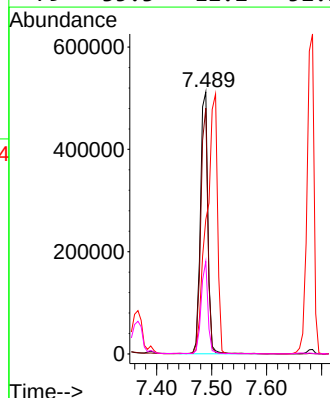
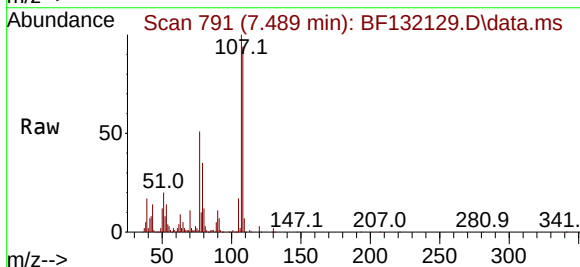
Instrument :
BNA_F
ClientSampleId :
TP-EMS

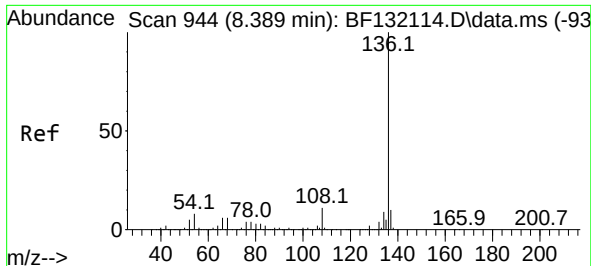
Tgt Ion: 70 Resp: 341373
Ion Ratio Lower Upper
70 100
42 60.2 48.5 72.7
101 9.9 7.8 11.8
130 20.5 16.5 24.7



#20
3+4-Methylphenols
Concen: 34.644 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:107 Resp: 487089
Ion Ratio Lower Upper
107 100
108 93.8 68.9 108.9
77 51.3 22.4 62.4
79 35.3 12.2 52.2

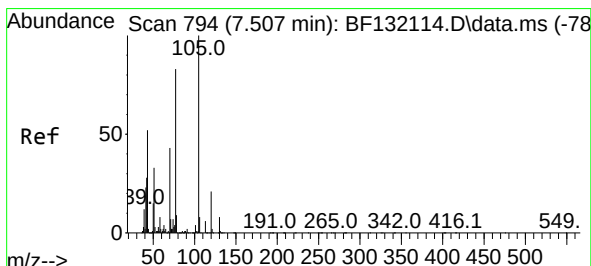
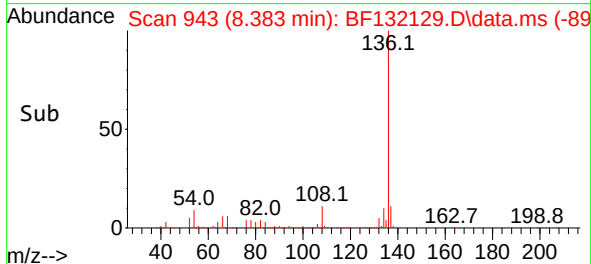
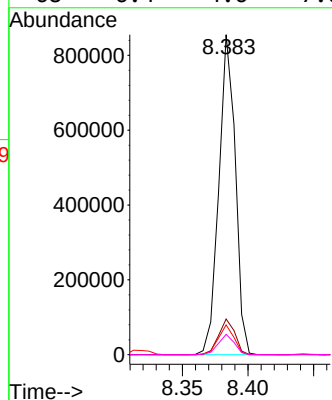
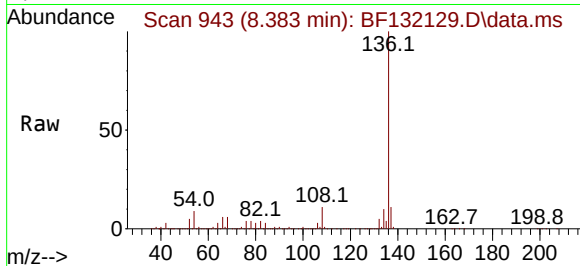




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

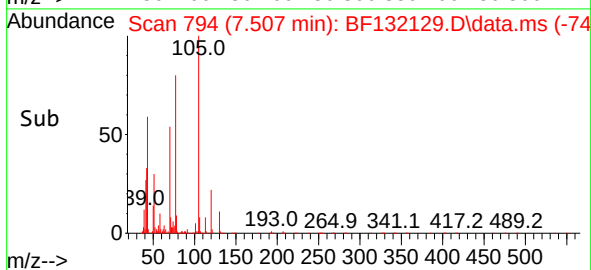
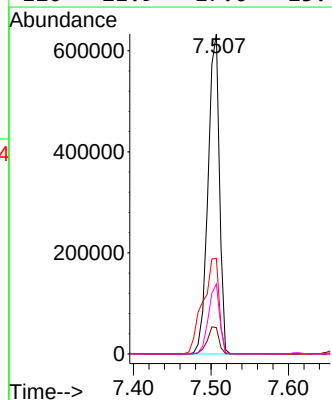
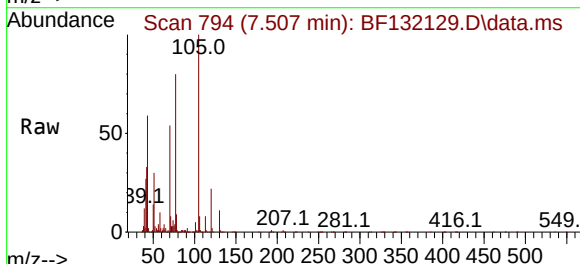
Instrument :
BNA_F
ClientSampleId :
TP-EMS

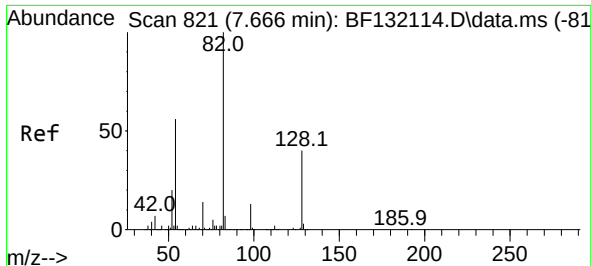
Tgt Ion:	136	Resp:	745657
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.3	6.6	10.0
68	6.4	4.6	7.0



#22
Acetophenone
Concen: 37.508 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:	105	Resp:	645155
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.0	9.0
51	29.9	26.6	39.8
120	21.9	17.0	25.4





#23

Nitrobenzene-d5

Concen: 76.691 ng

RT: 7.660 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

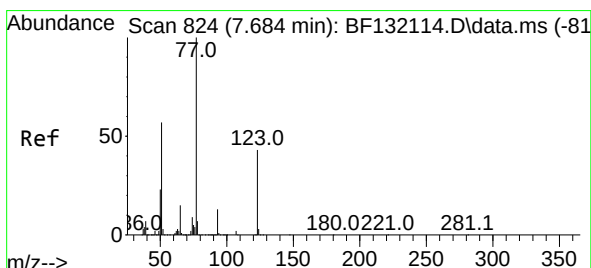
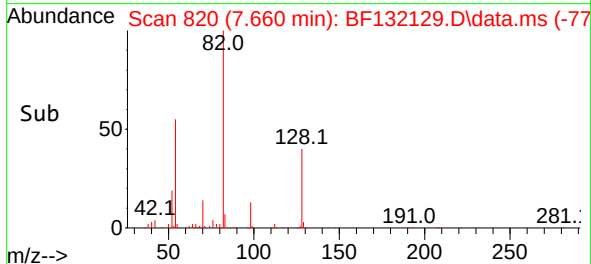
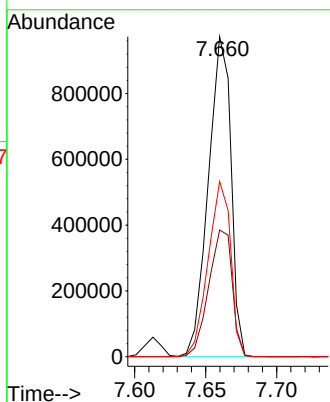
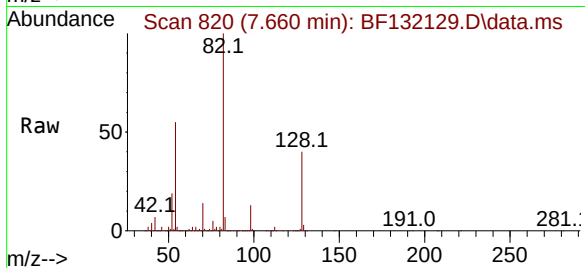
BNA_F

ClientSampleId :

TP-EMS

Tgt Ion: 82 Resp: 1077330

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.0	48.0
54	54.8	45.1	67.7



#24

Nitrobenzene

Concen: 37.694 ng

RT: 7.683 min Scan# 824

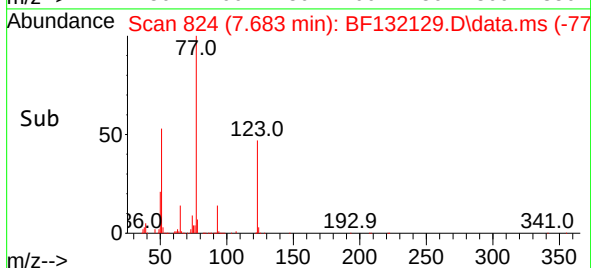
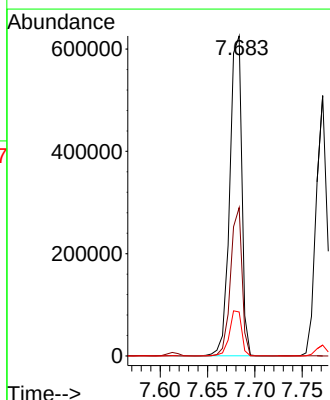
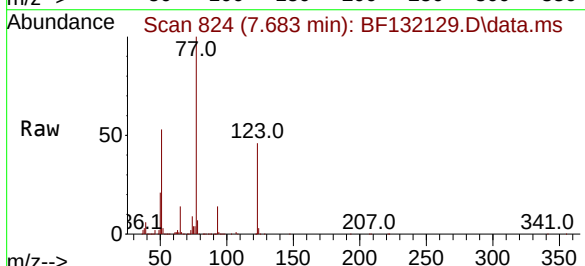
Delta R.T. -0.000 min

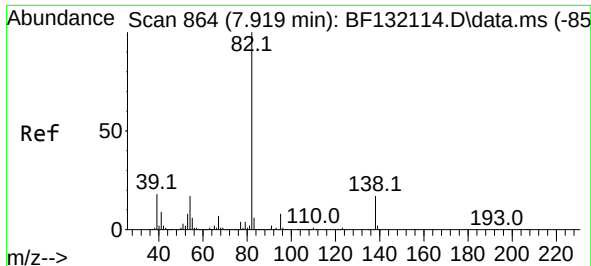
Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Tgt Ion: 77 Resp: 554455

Ion	Ratio	Lower	Upper
77	100		
123	46.3	34.6	52.0
65	13.8	11.8	17.8

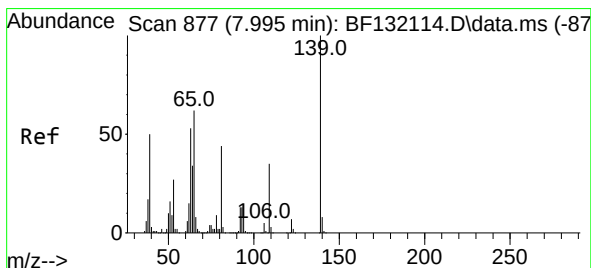
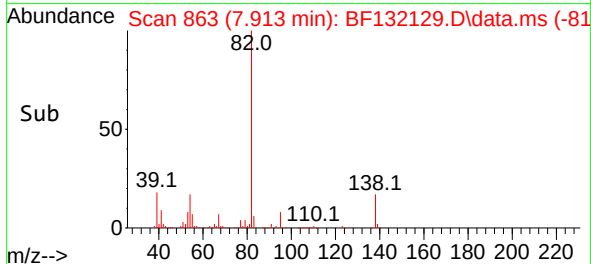
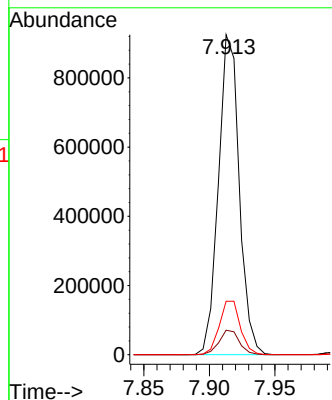
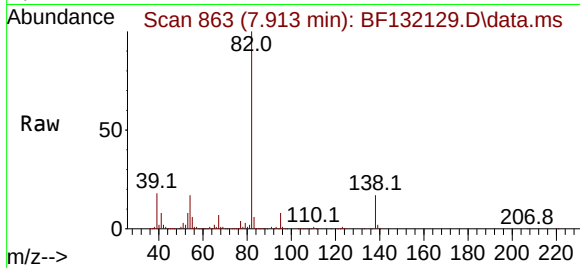




#25
Isophorone
Concen: 36.266 ng
RT: 7.913 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

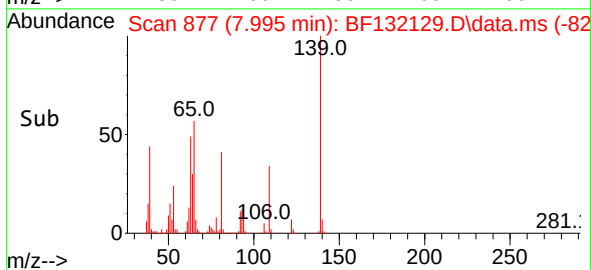
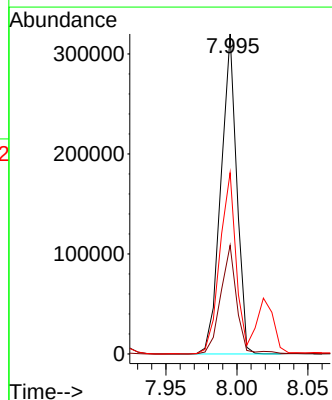
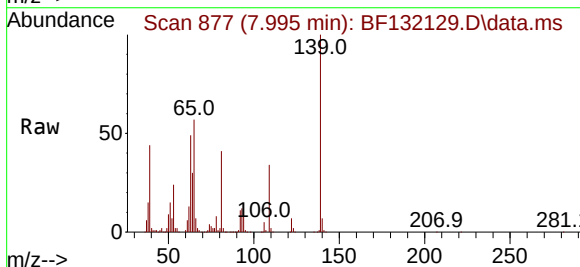
Instrument :
BNA_F
ClientSampleId :
TP-EMS

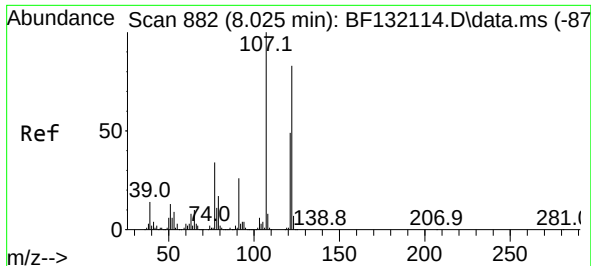
Tgt Ion: 82 Resp: 1019358
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 41.315 ng
RT: 7.995 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:139 Resp: 247611
Ion Ratio Lower Upper
139 100
109 33.9 28.3 42.5
65 56.6 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 37.019 ng

RT: 8.019 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

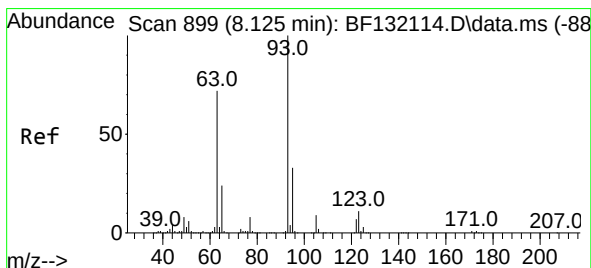
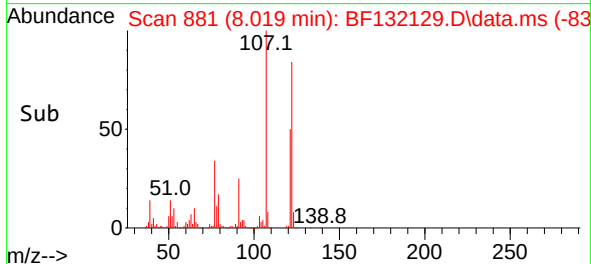
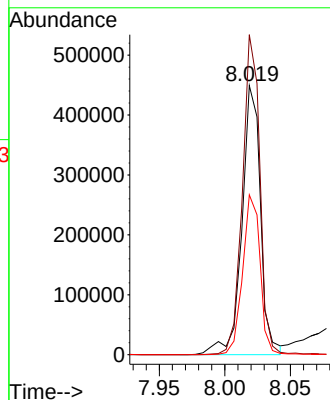
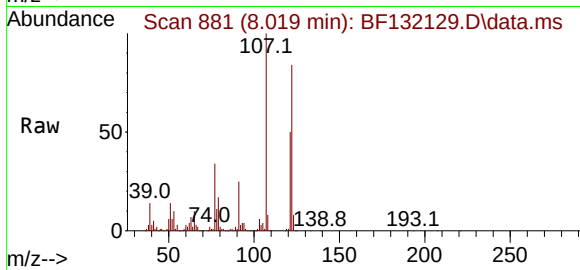
Tgt Ion:122 Resp: 442303

Ion Ratio Lower Upper

122 100

107 118.9 96.1 144.1

121 59.4 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.378 ng

RT: 8.125 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

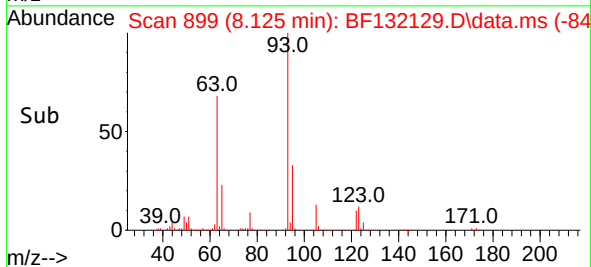
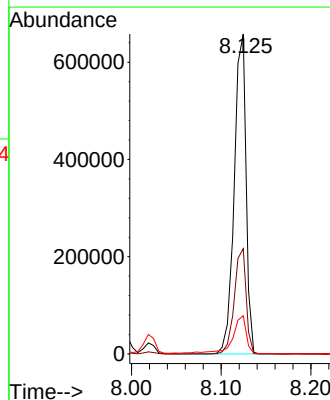
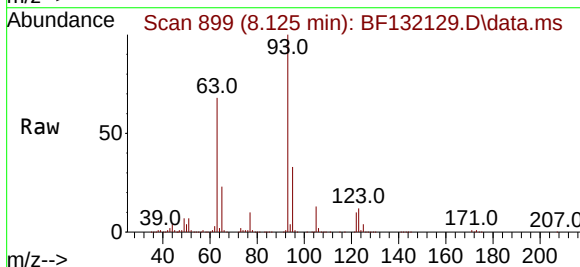
Tgt Ion: 93 Resp: 602477

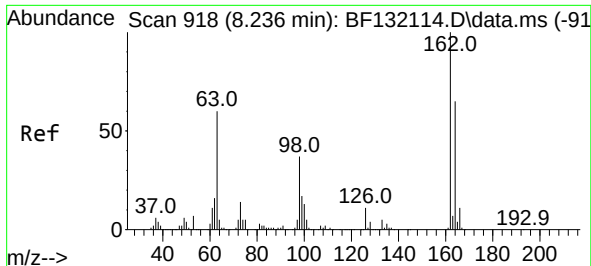
Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.254 ng

RT: 8.230 min Scan# 918

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

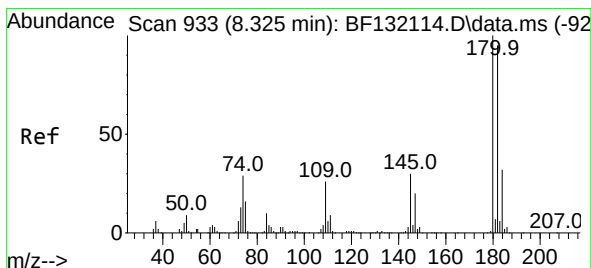
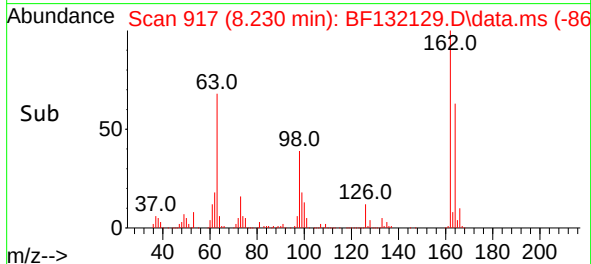
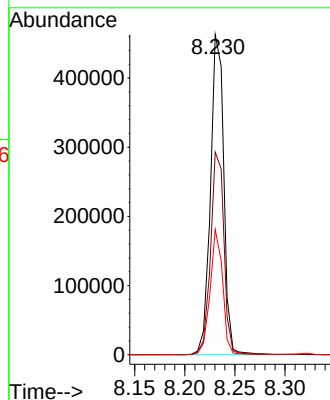
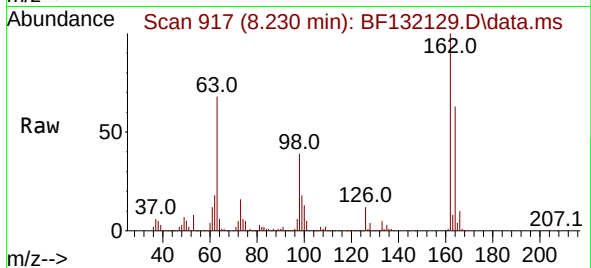
Tgt Ion:162 Resp: 428314

Ion Ratio Lower Upper

162 100

164 63.3 45.1 85.1

98 39.1 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 38.076 ng

RT: 8.325 min Scan# 933

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

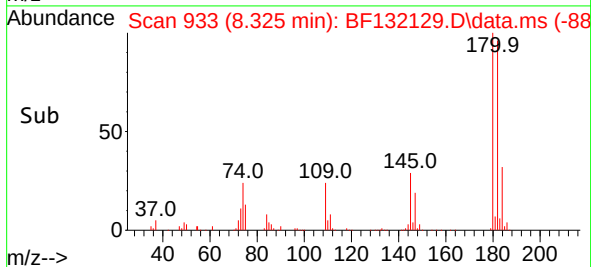
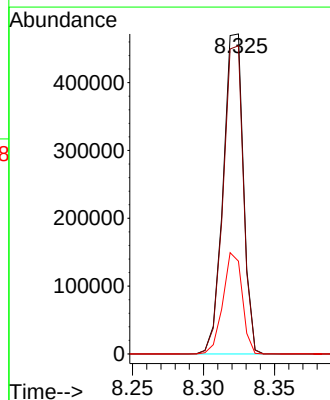
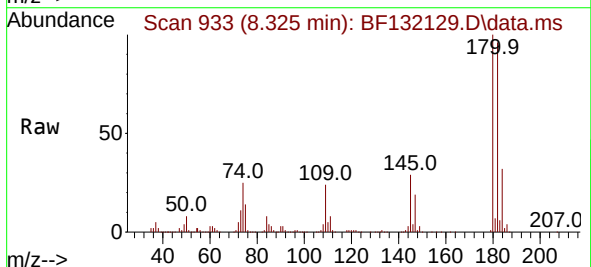
Tgt Ion:180 Resp: 465866

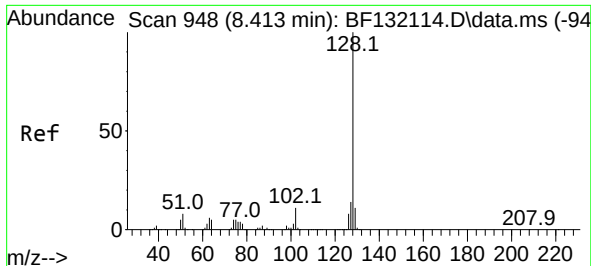
Ion Ratio Lower Upper

180 100

182 96.3 75.9 113.9

145 29.0 24.3 36.5

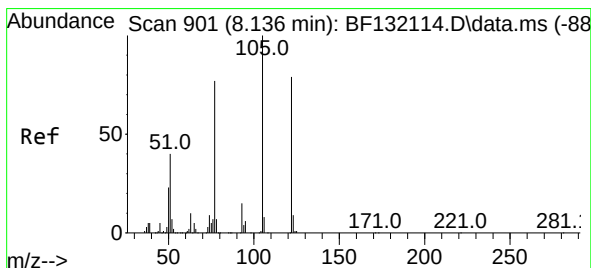
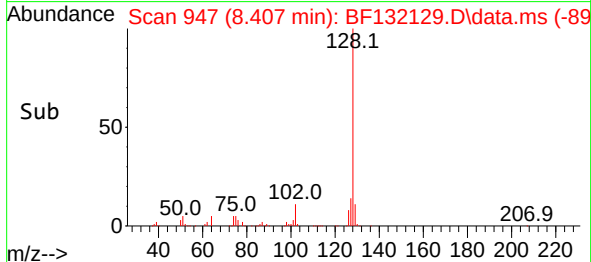
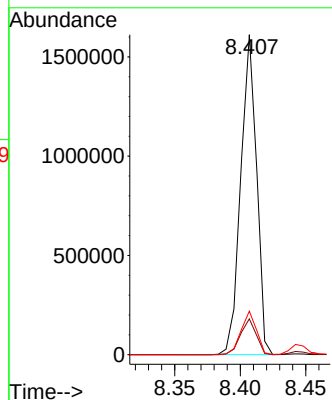
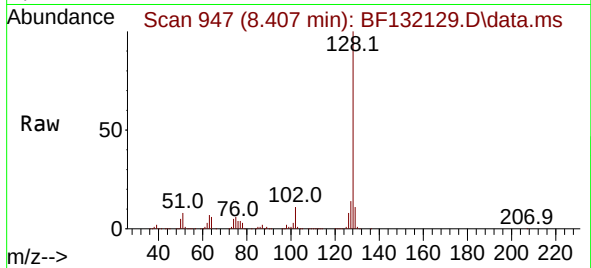




#31
Naphthalene
Concen: 37.115 ng
RT: 8.407 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

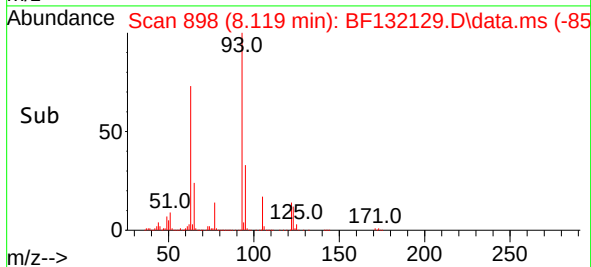
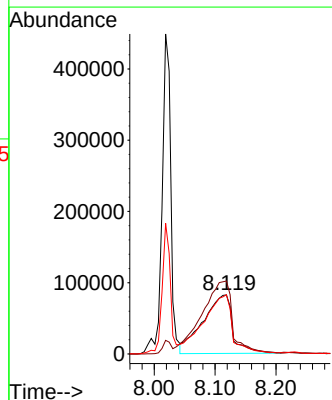
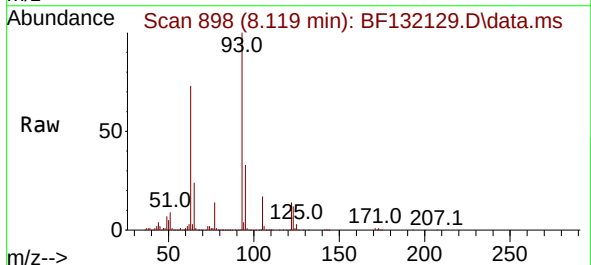
Instrument :
BNA_F
ClientSampleId :
TP-EMS

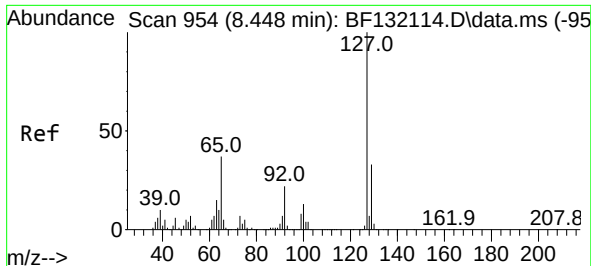
Tgt Ion:128 Resp: 1358797
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 34.346 ng
RT: 8.119 min Scan# 898
Delta R.T. -0.017 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:122 Resp: 281911
Ion Ratio Lower Upper
122 100
105 123.5 106.2 146.2
77 100.3 77.3 117.3

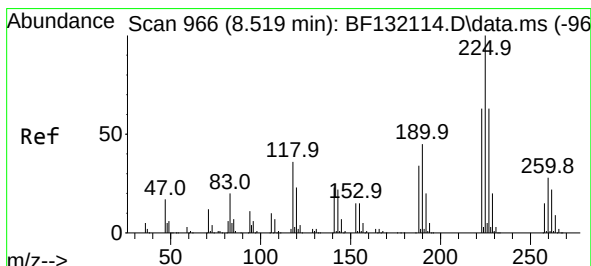
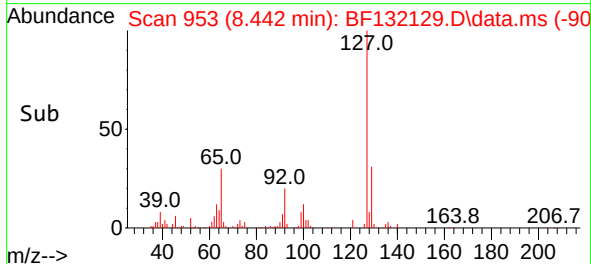
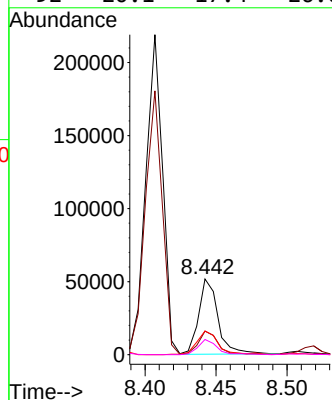
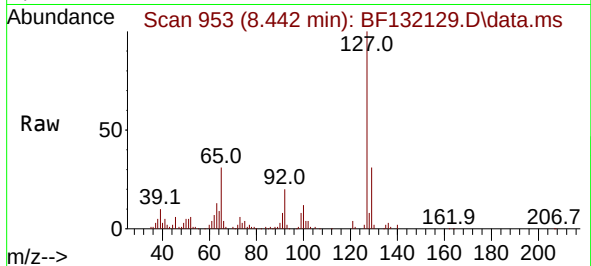




#33
4-Chloroaniline
Concen: 3.028 ng
RT: 8.442 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

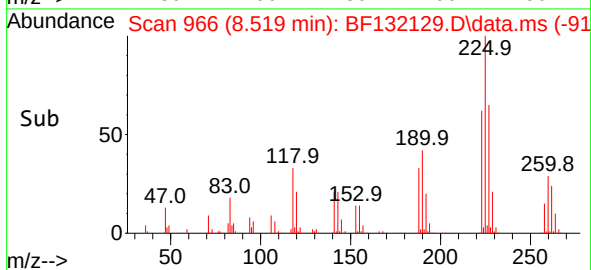
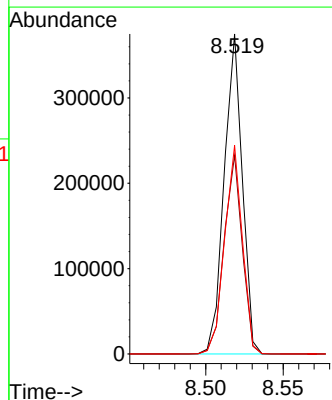
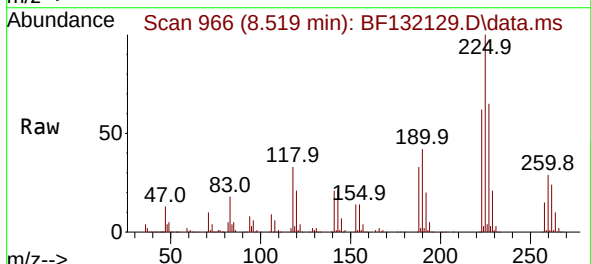
Instrument :
BNA_F
ClientSampleId :
TP-EMS

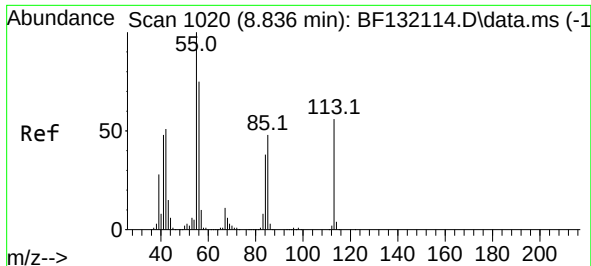
Tgt Ion:	127	Resp:	48670
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	31.3	29.7	44.5
92	20.1	17.4	26.0



#34
Hexachlorobutadiene
Concen: 37.780 ng
RT: 8.519 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:	225	Resp:	304834
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	65.2	50.1	75.1

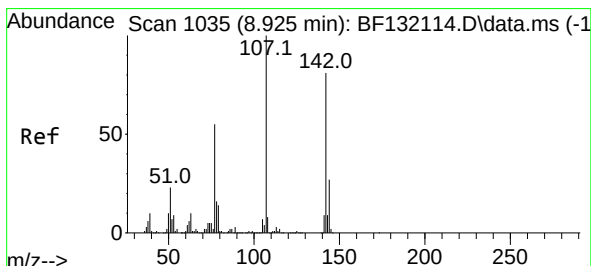
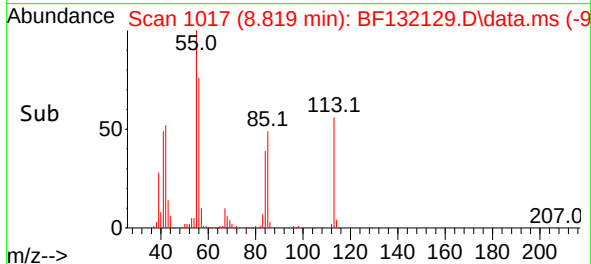
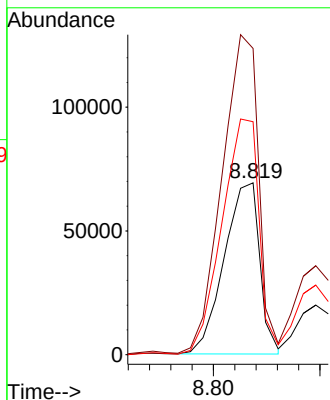
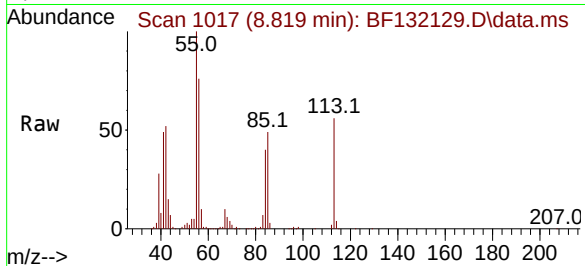




#35
 Caprolactam
 Concen: 22.050 ng
 RT: 8.819 min Scan# 1017
 Delta R.T. -0.018 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

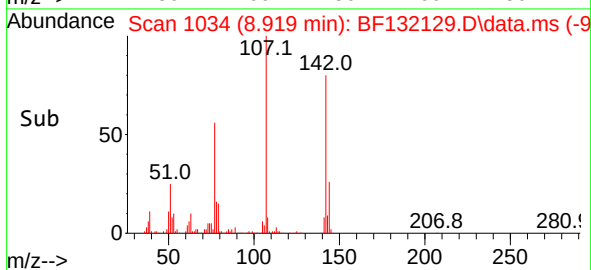
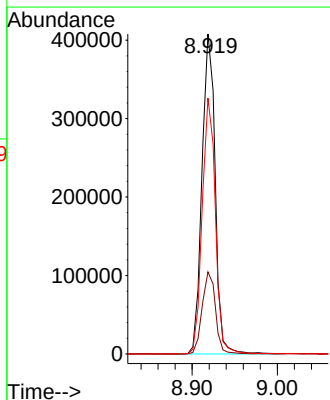
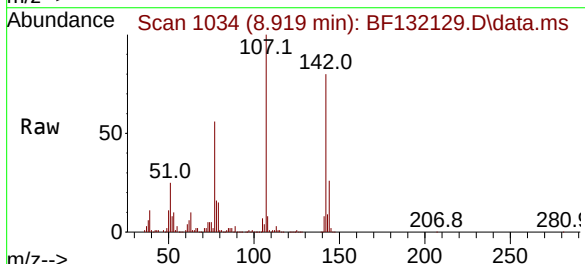
Instrument :
 BNA_F
 ClientSampleId :
 TP-EMS

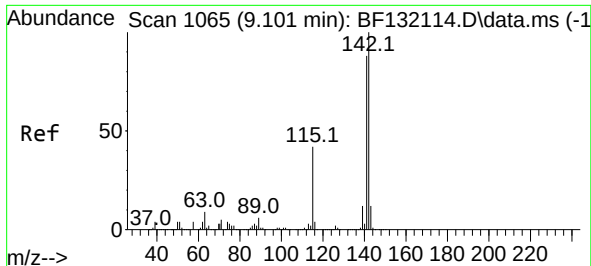
Tgt Ion:113 Resp: 80224
 Ion Ratio Lower Upper
 113 100
 55 178.2 159.1 199.1
 56 135.5 115.0 155.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.546 ng
 RT: 8.919 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

Tgt Ion:107 Resp: 438353
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.4 32.0
 142 80.0 64.6 97.0

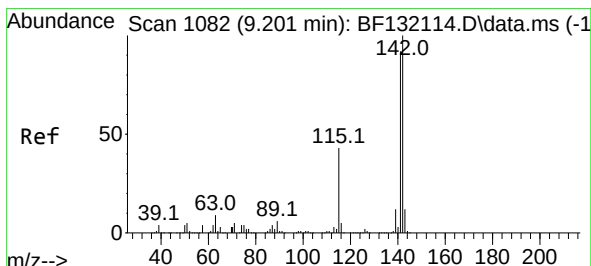
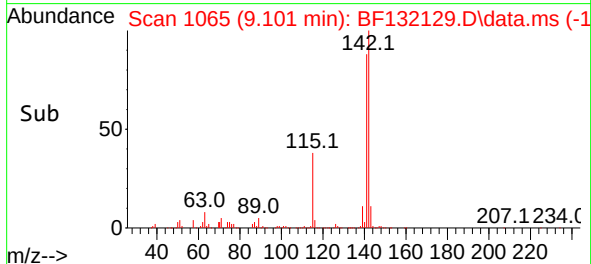
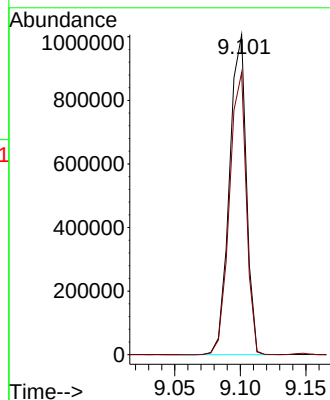
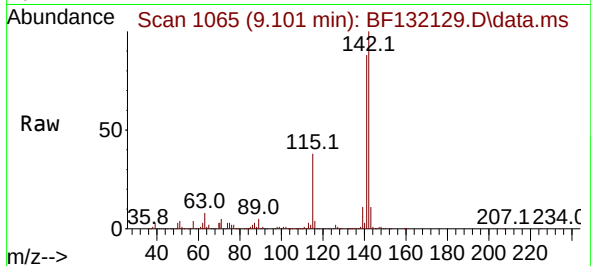




#37
2-Methylnaphthalene
Concen: 35.493 ng
RT: 9.101 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

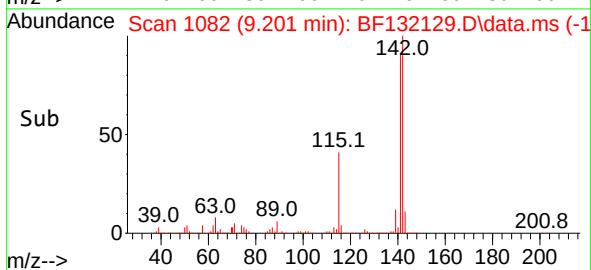
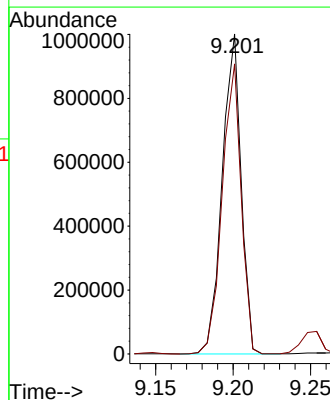
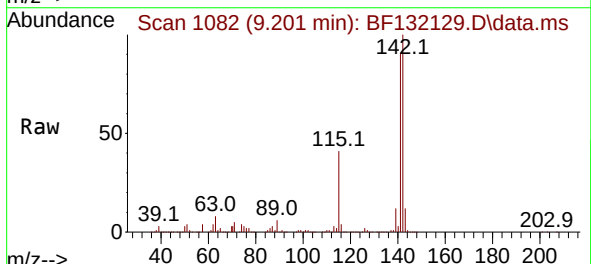
Instrument :
BNA_F
ClientSampleId :
TP-EMS

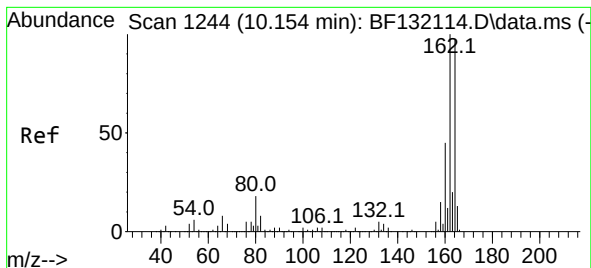
Tgt Ion:142 Resp: 904851
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 35.422 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:142 Resp: 848459
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.148 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

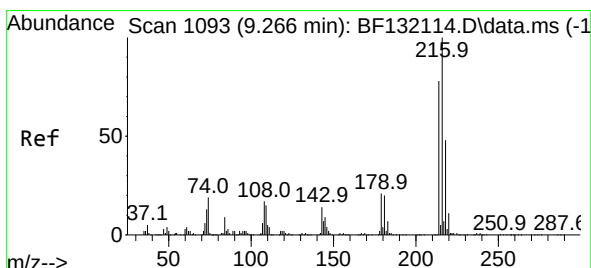
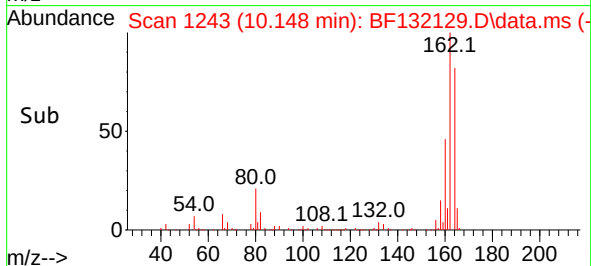
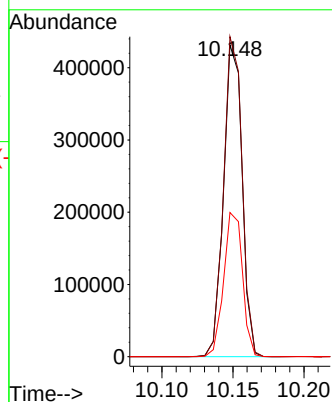
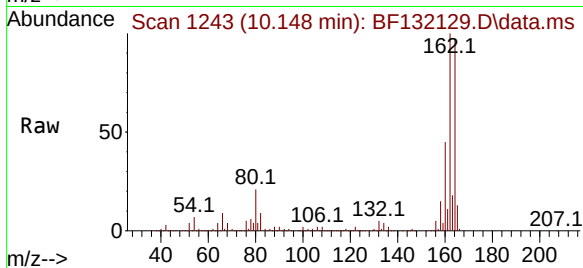
Tgt Ion:164 Resp: 392305

Ion Ratio Lower Upper

164 100

162 102.7 82.3 123.5

160 46.2 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.597 ng

RT: 9.266 min Scan# 1093

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Tgt Ion:216 Resp: 474063

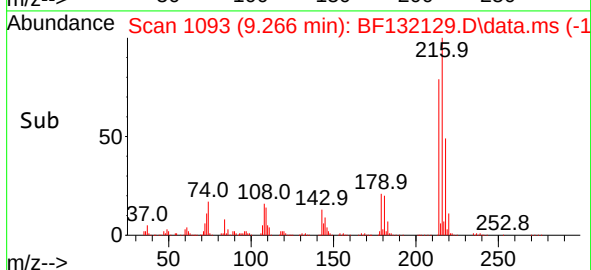
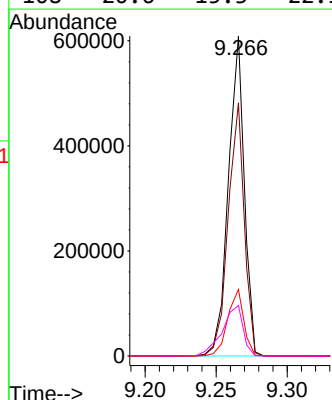
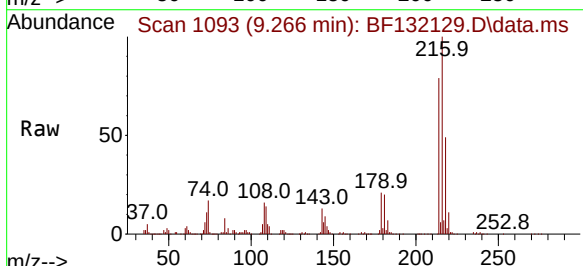
Ion Ratio Lower Upper

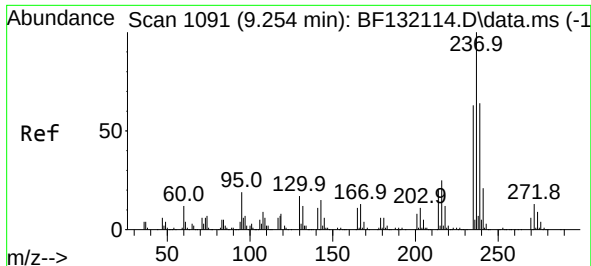
216 100

214 79.9 62.8 94.2

179 21.0 16.8 25.2

108 20.6 15.3 22.9

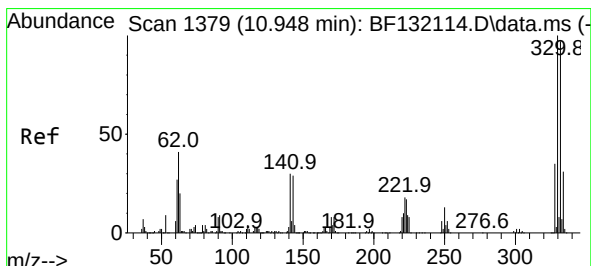
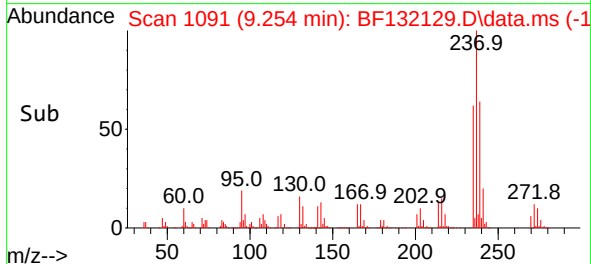
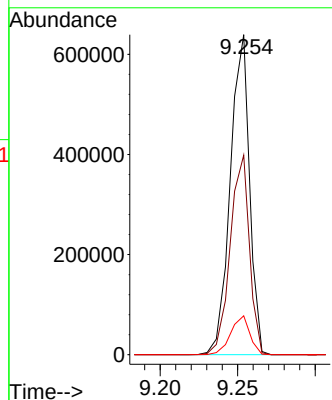
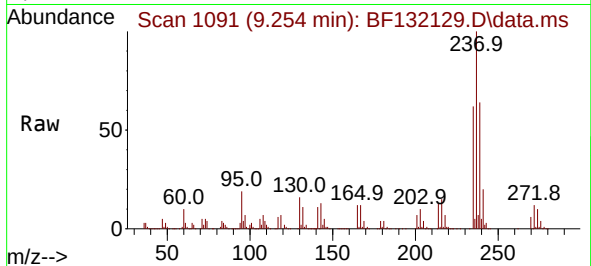




#41
Hexachlorocyclopentadiene
Concen: 82.197 ng
RT: 9.254 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

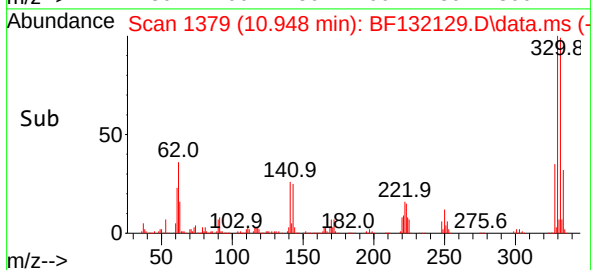
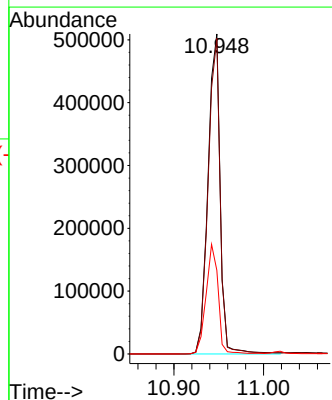
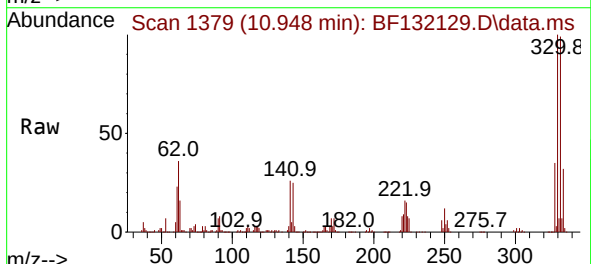
Instrument :
BNA_F
ClientSampleId :
TP-EMS

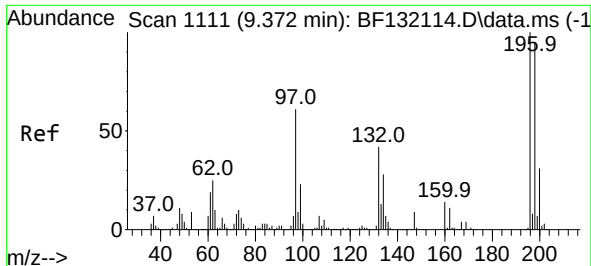
Tgt Ion:237 Resp: 550772
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 12.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 111.666 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:330 Resp: 479305
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 34.2 28.2 42.4

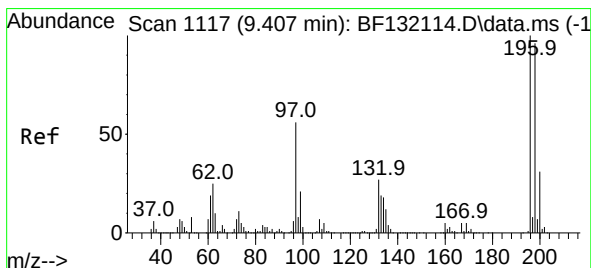
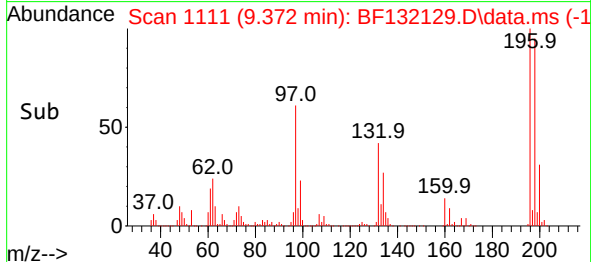
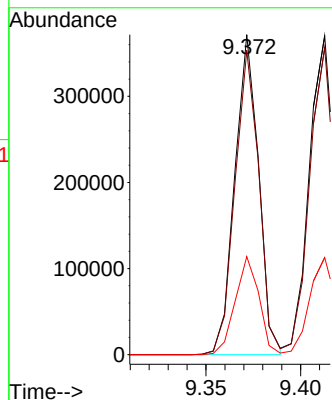
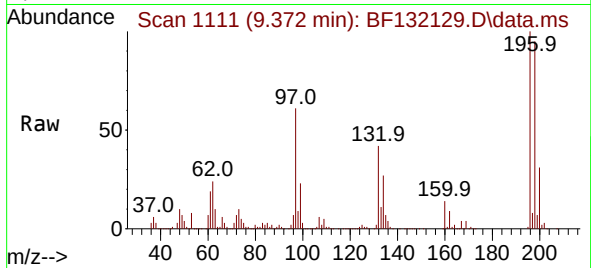




#43
2,4,6-Trichlorophenol
Concen: 40.025 ng
RT: 9.372 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

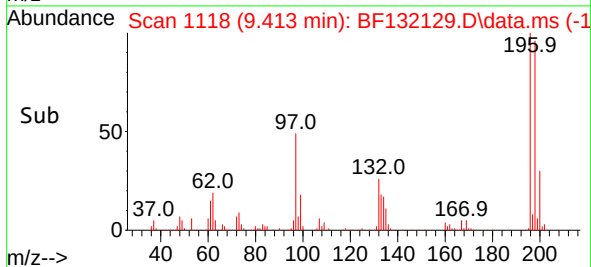
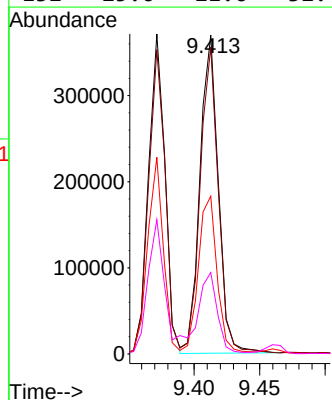
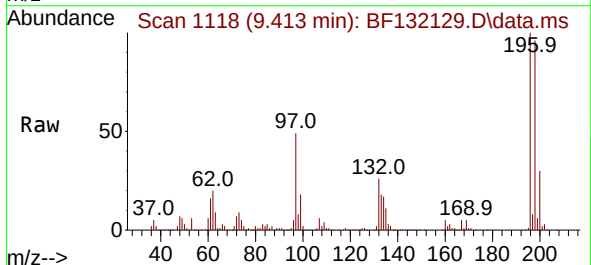
Instrument :
BNA_F
ClientSampleId :
TP-EMS

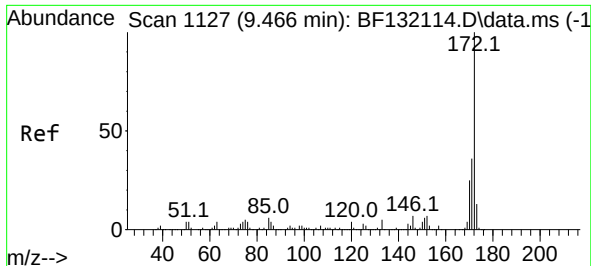
Tgt Ion:196 Resp: 324348
Ion Ratio Lower Upper
196 100
198 95.1 76.3 114.5
200 30.6 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 36.471 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:196 Resp: 361162
Ion Ratio Lower Upper
196 100
198 96.3 76.5 114.7
97 49.5 44.8 67.2
132 25.6 21.6 32.4

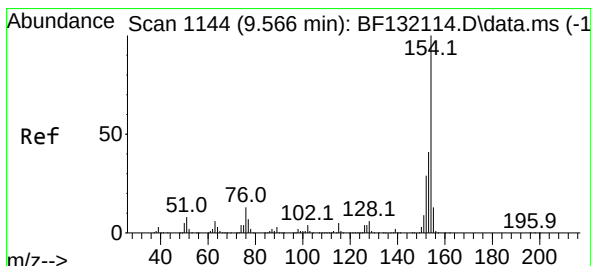
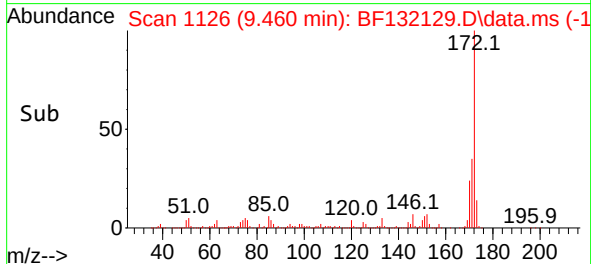
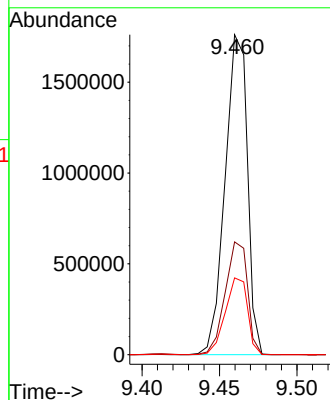
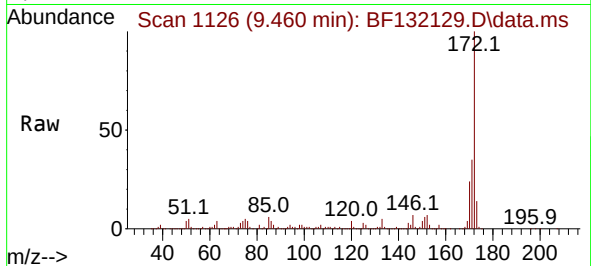




#45
2-Fluorobiphenyl
Concen: 78.356 ng
RT: 9.460 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

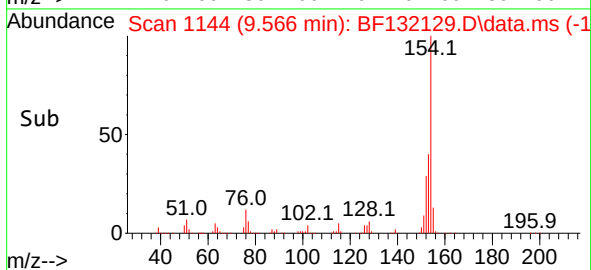
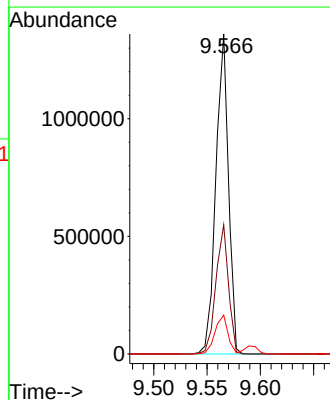
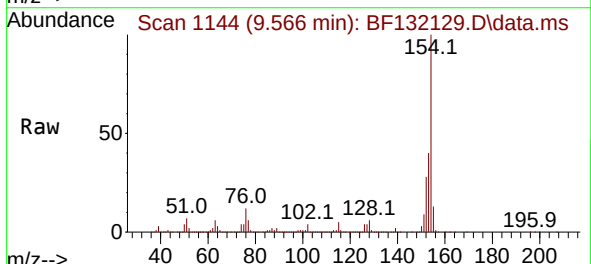
Instrument :
BNA_F
ClientSampleId :
TP-EMS

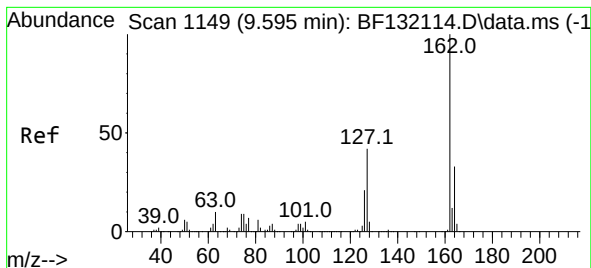
Tgt Ion:172 Resp: 1766731
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.4
170 24.0 19.7 29.5



#46
1,1'-Biphenyl
Concen: 38.444 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:154 Resp: 1113504
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.570 ng

RT: 9.595 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

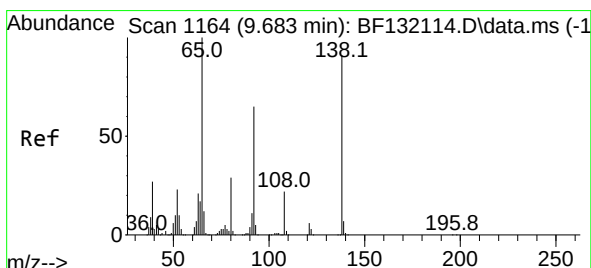
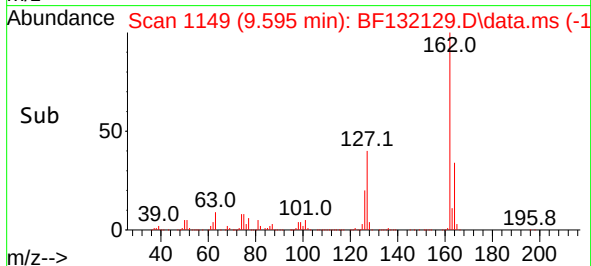
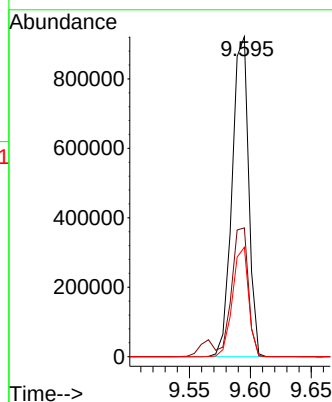
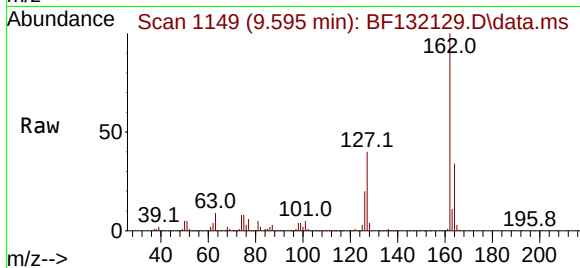
Tgt Ion:162 Resp: 871685

Ion Ratio Lower Upper

162 100

127 40.3 33.8 50.8

164 34.2 26.5 39.7



#48

2-Nitroaniline

Concen: 37.833 ng

RT: 9.683 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

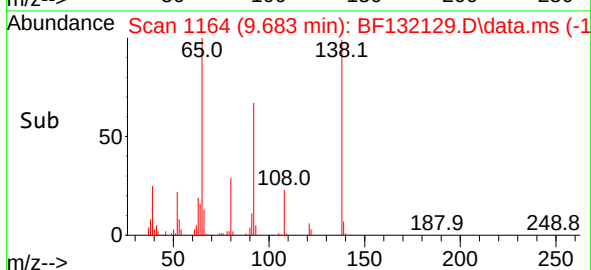
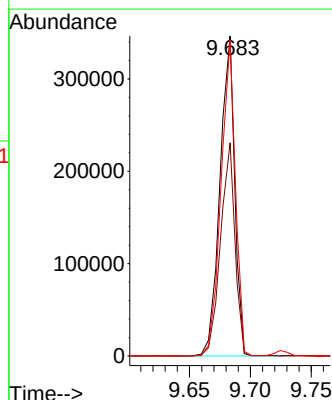
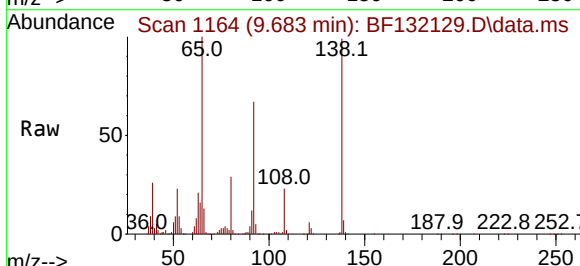
Tgt Ion: 65 Resp: 291494

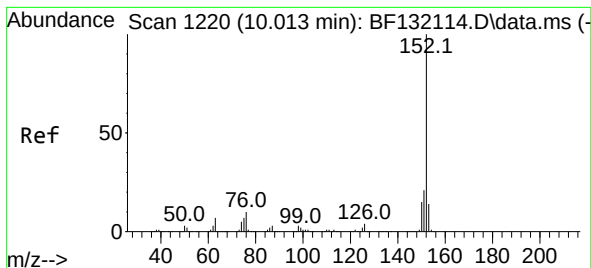
Ion Ratio Lower Upper

65 100

92 66.6 51.9 77.9

138 98.7 72.6 109.0





#49

Acenaphthylene

Concen: 37.557 ng

RT: 10.013 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

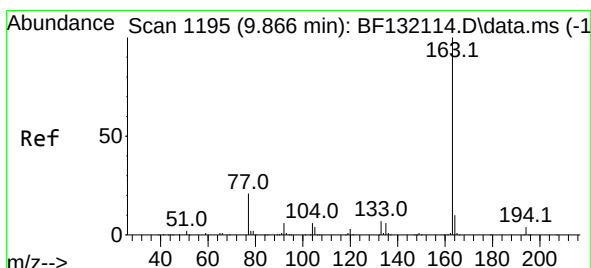
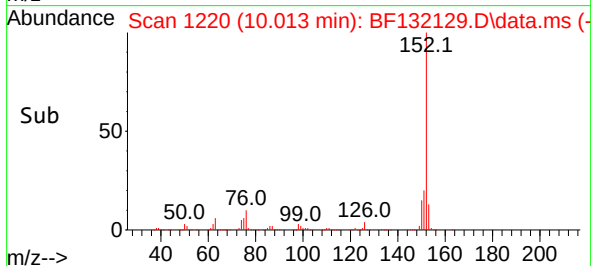
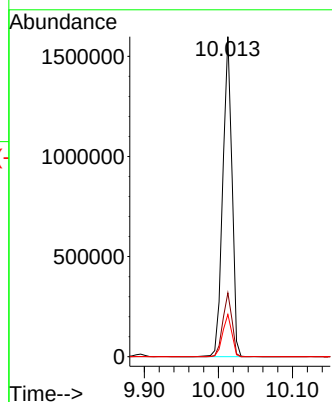
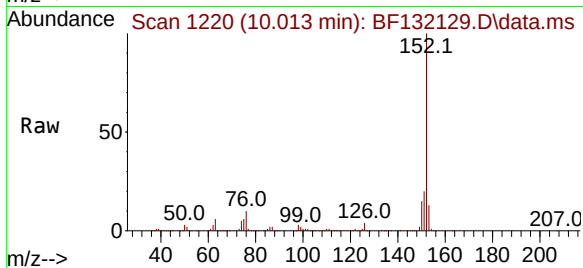
Tgt Ion:152 Resp: 1375449

Ion Ratio Lower Upper

152 100

151 20.0 16.7 25.1

153 13.2 11.0 16.4



#50

Dimethylphthalate

Concen: 37.495 ng

RT: 9.860 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

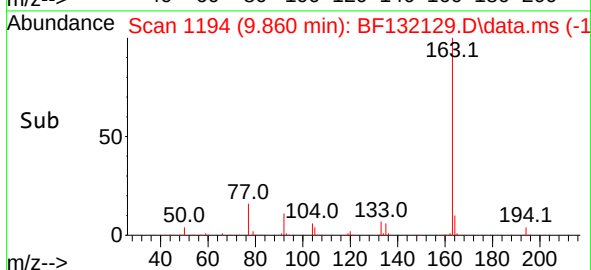
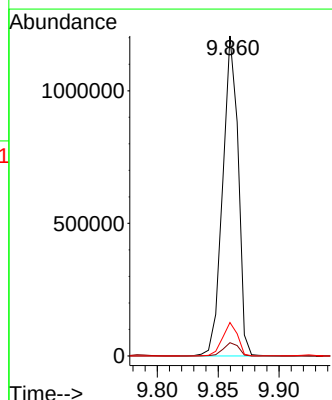
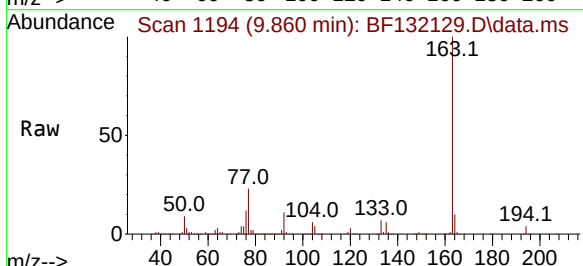
Tgt Ion:163 Resp: 1069311

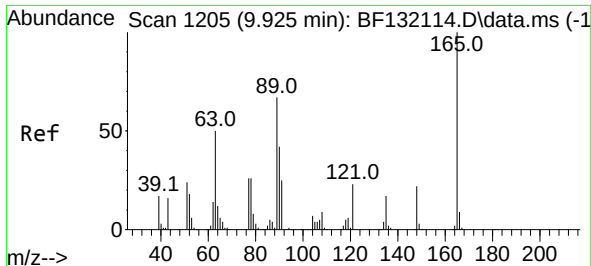
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.3 12.5

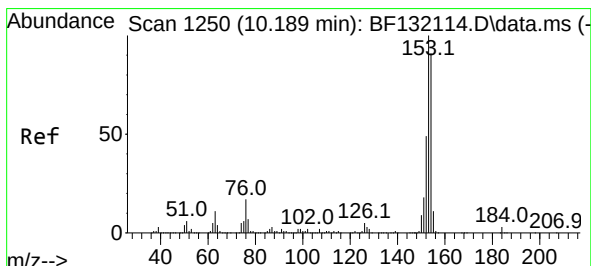
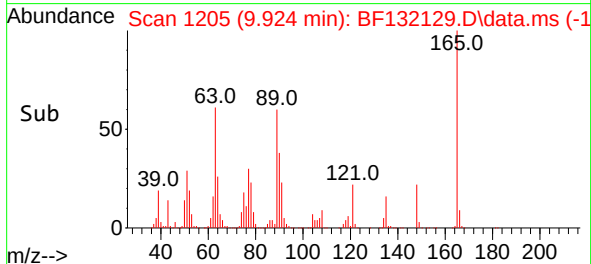
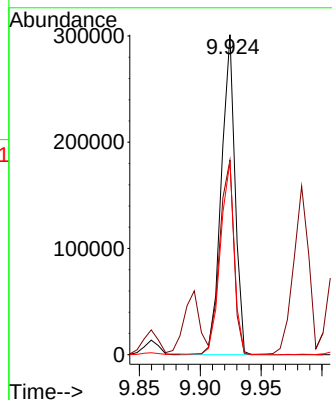
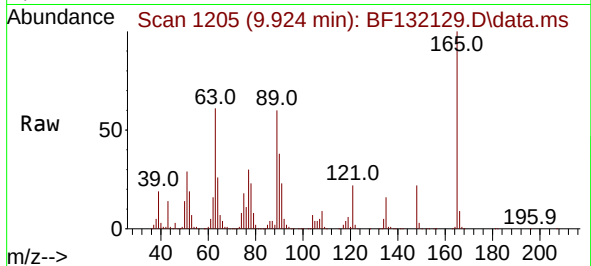




#51
2,6-Dinitrotoluene
Concen: 39.010 ng
RT: 9.924 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

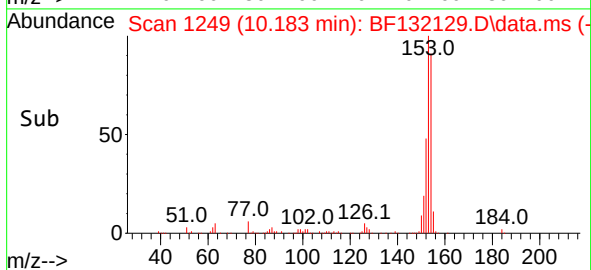
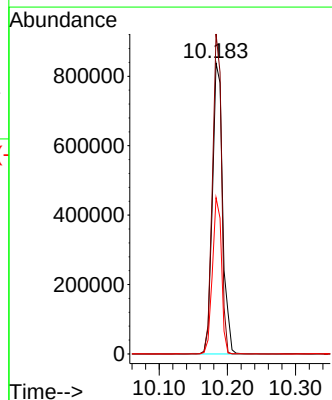
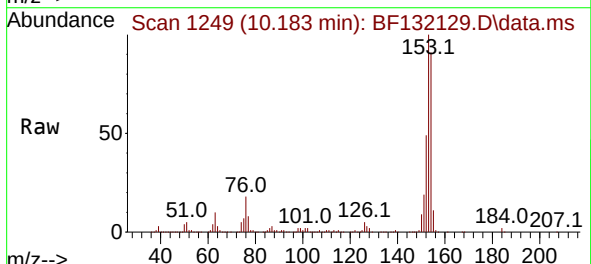
Instrument :
BNA_F
ClientSampleId :
TP-EMS

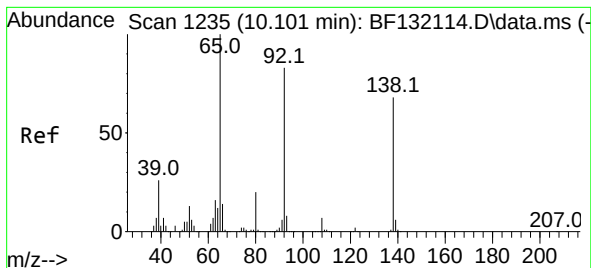
Tgt Ion:165 Resp: 236661
Ion Ratio Lower Upper
165 100
63 60.8 57.0 85.4
89 60.4 54.0 81.0



#52
Acenaphthene
Concen: 39.773 ng
RT: 10.183 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:154 Resp: 882072
Ion Ratio Lower Upper
154 100
153 110.0 87.6 131.4
152 53.7 42.6 64.0

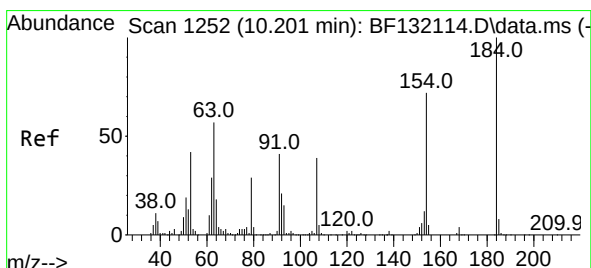
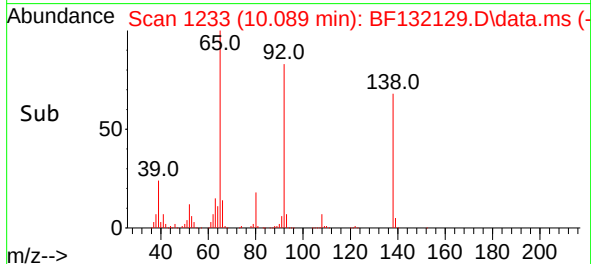
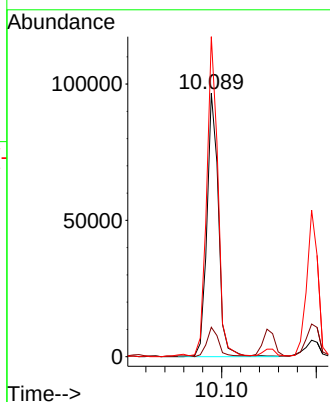
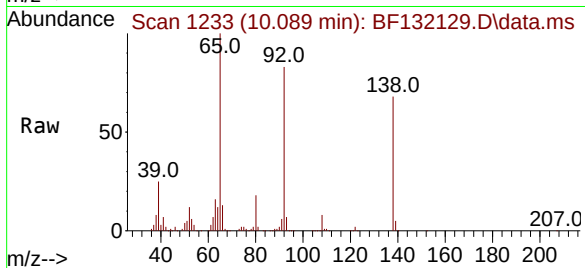




#53
3-Nitroaniline
Concen: 12.619 ng
RT: 10.089 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

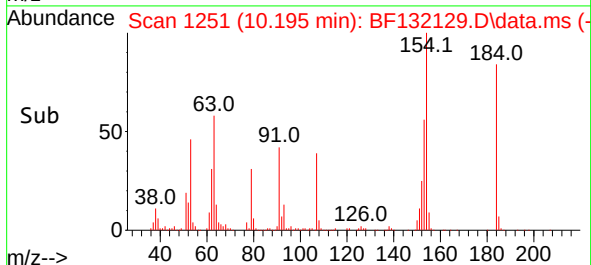
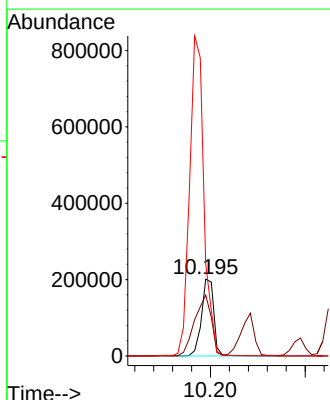
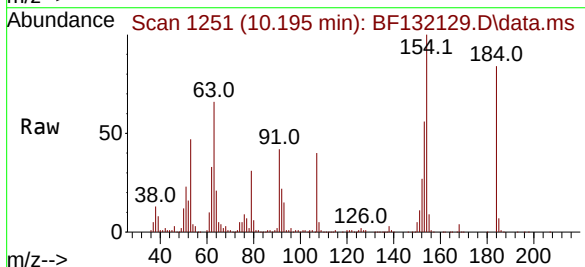
Instrument :
BNA_F
ClientSampleId :
TP-EMS

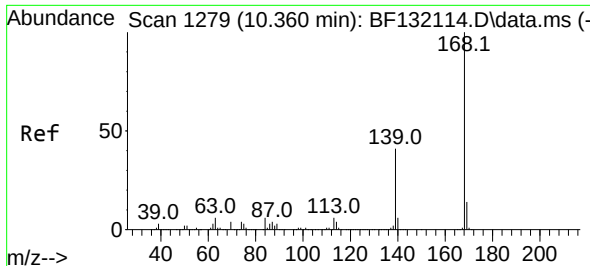
Tgt Ion:138 Resp: 81048
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 121.5 97.4 146.2



#54
2,4-Dinitrophenol
Concen: 70.539 ng
RT: 10.195 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:184 Resp: 181821
Ion Ratio Lower Upper
184 100
63 79.3 45.8 68.8#
154 119.7 59.2 88.8#

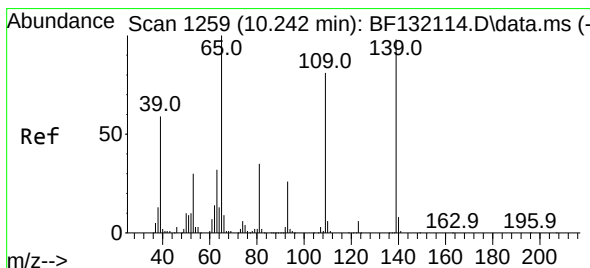
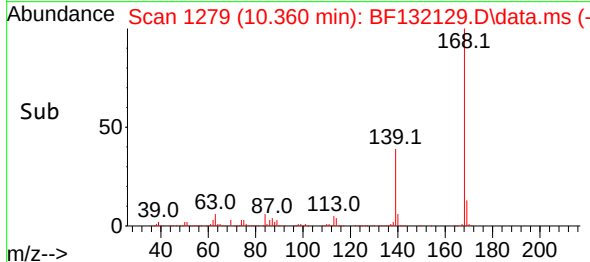
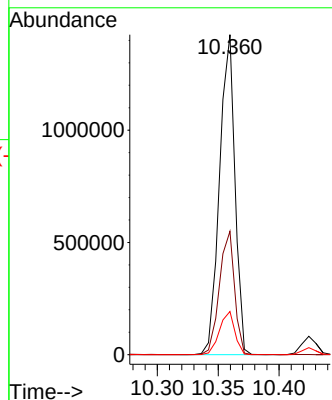
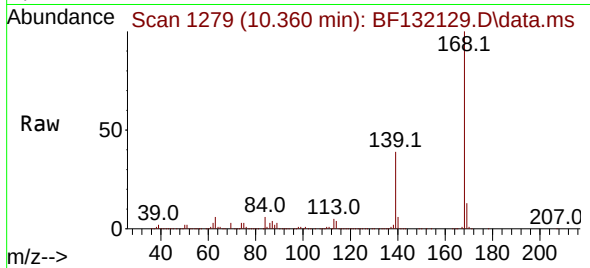




#55
Dibenzofuran
Concen: 36.906 ng
RT: 10.360 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

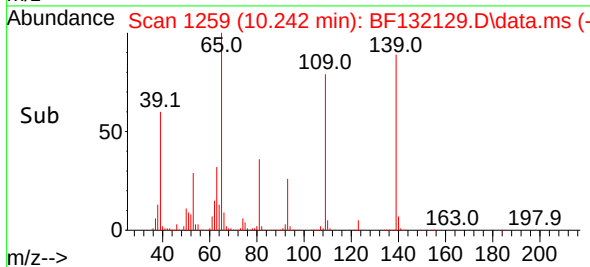
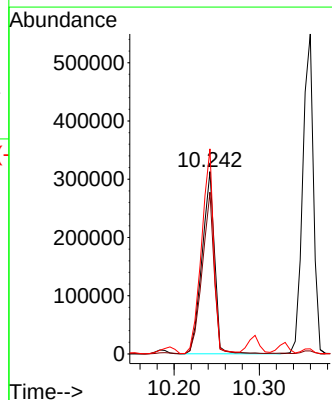
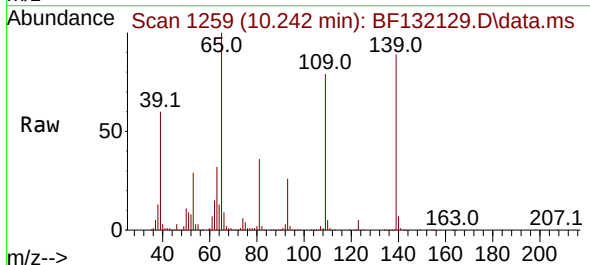
Instrument :
BNA_F
ClientSampleId :
TP-EMS

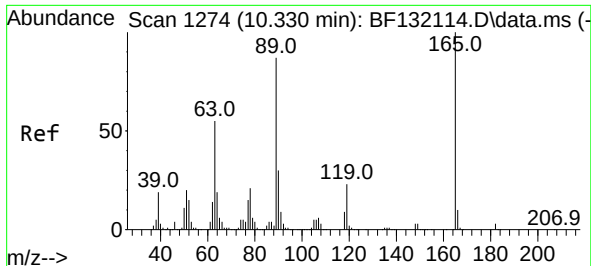
Tgt Ion:168 Resp: 1259369
Ion Ratio Lower Upper
168 100
139 38.5 32.6 49.0
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 69.763 ng
RT: 10.242 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:139 Resp: 320108
Ion Ratio Lower Upper
139 100
109 88.8 62.1 102.1
65 112.5 82.2 122.2

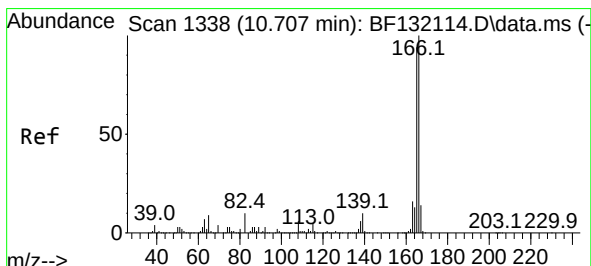
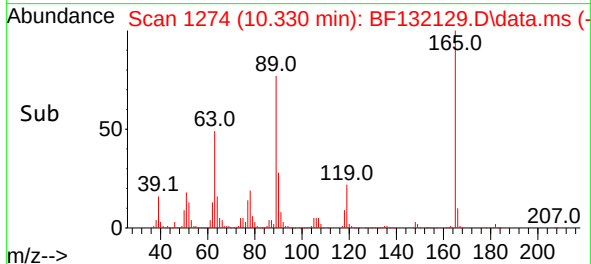
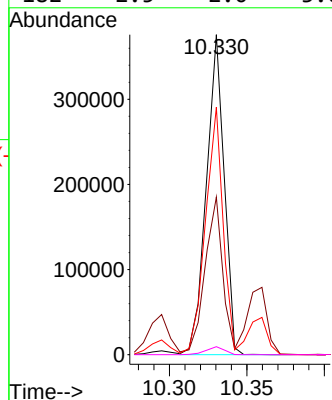
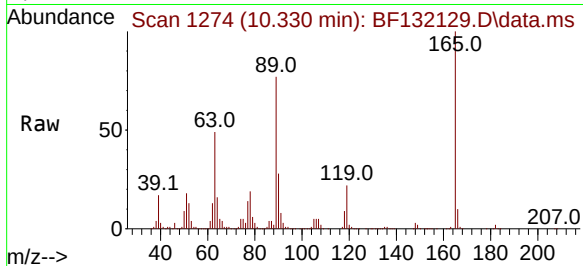




#57
2,4-Dinitrotoluene
Concen: 40.095 ng
RT: 10.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

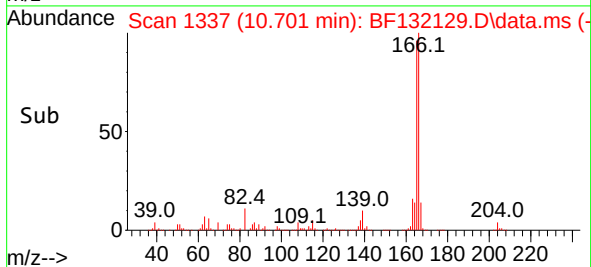
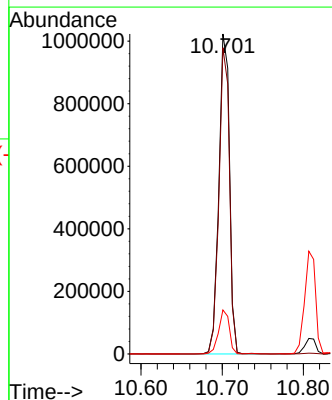
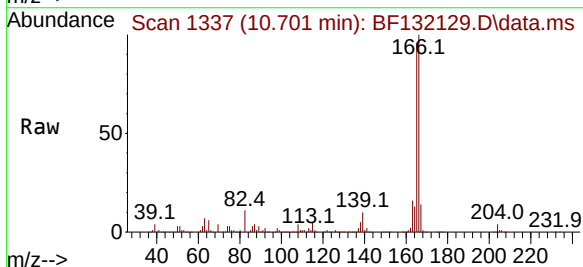
Instrument :
BNA_F
ClientSampleId :
TP-EMS

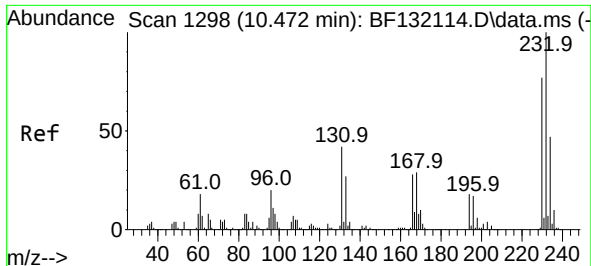
Tgt Ion:165 Resp: 300451
Ion Ratio Lower Upper
165 100
63 49.3 44.1 66.1
89 77.4 69.3 103.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 36.795 ng
RT: 10.701 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:166 Resp: 931155
Ion Ratio Lower Upper
166 100
165 95.7 75.2 112.8
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.662 ng

RT: 10.471 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

Tgt Ion:232 Resp: 301342

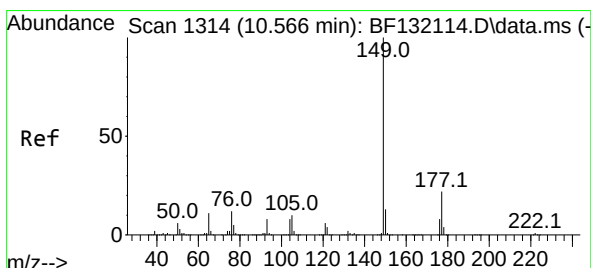
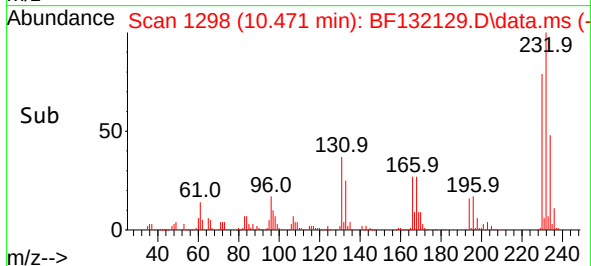
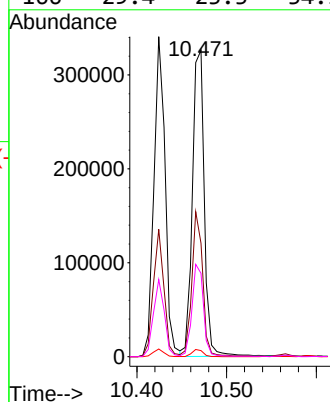
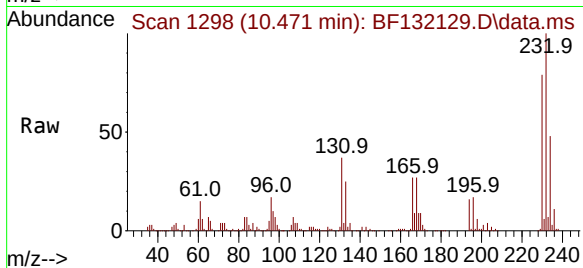
Ion Ratio Lower Upper

232 100

131 42.7 34.3 51.5

130 2.2 1.9 2.9

166 29.4 23.3 34.9



#60

Diethylphthalate

Concen: 36.775 ng

RT: 10.566 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

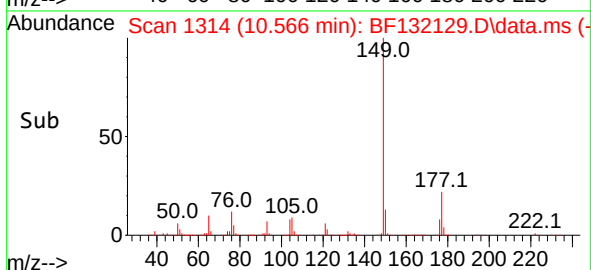
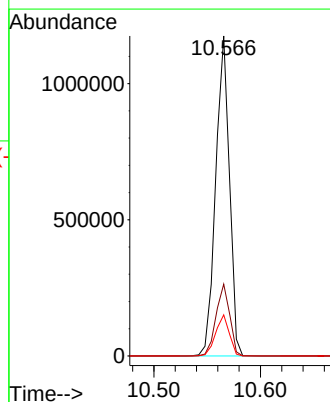
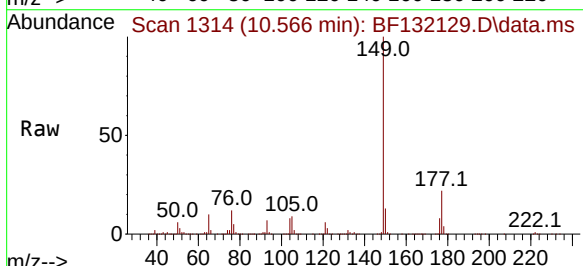
Tgt Ion:149 Resp: 1050139

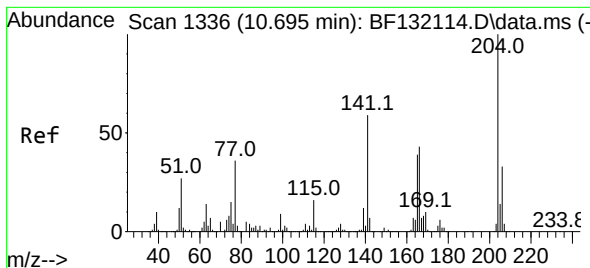
Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

150 12.9 10.4 15.6

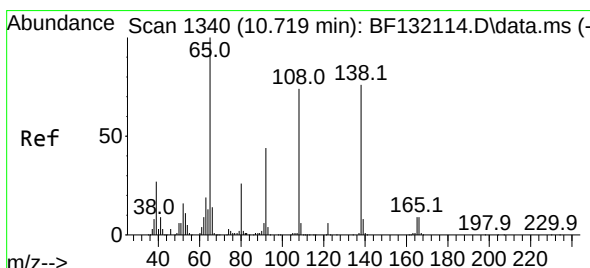
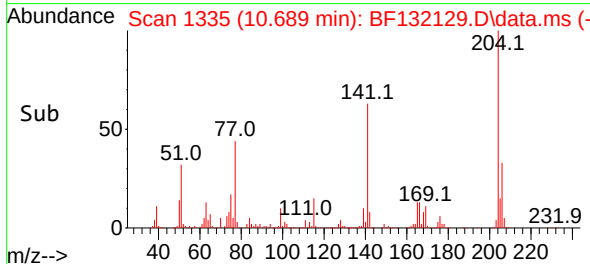
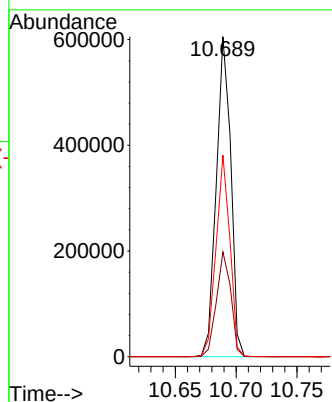
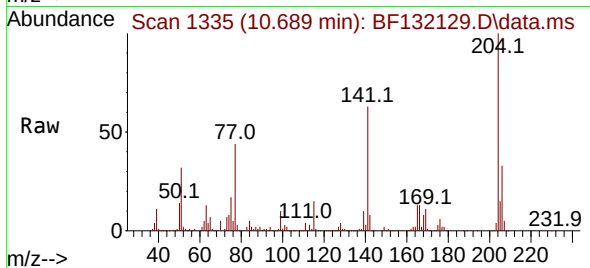




#61
4-Chlorophenyl-phenylether
Concen: 36.954 ng
RT: 10.689 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

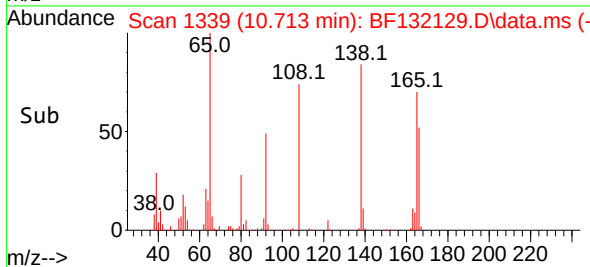
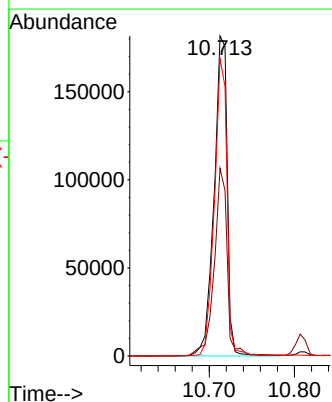
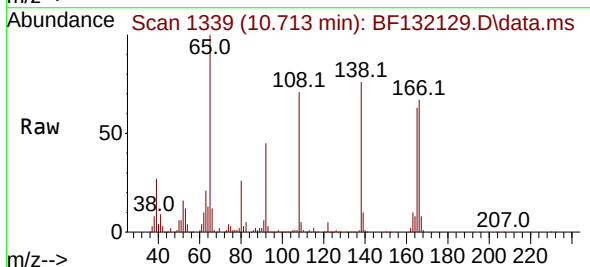
Instrument :
BNA_F
ClientSampleId :
TP-EMS

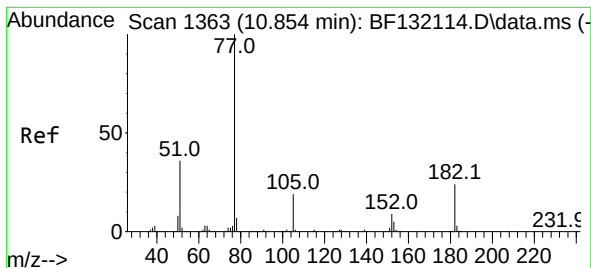
Tgt Ion:204 Resp: 502660
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 62.9 47.1 70.7



#62
4-Nitroaniline
Concen: 33.813 ng
RT: 10.713 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:138 Resp: 195837
Ion Ratio Lower Upper
138 100
92 58.7 38.7 78.7
108 92.9 77.1 117.1





#63

Azobenzene

Concen: 35.985 ng

RT: 10.854 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

Tgt Ion: 77 Resp: 1000929

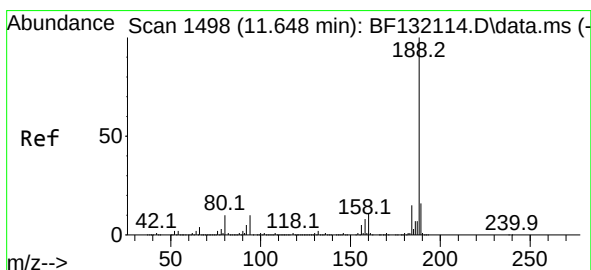
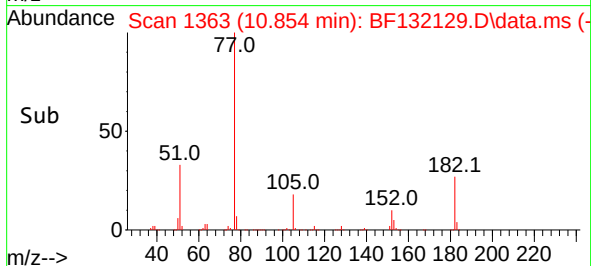
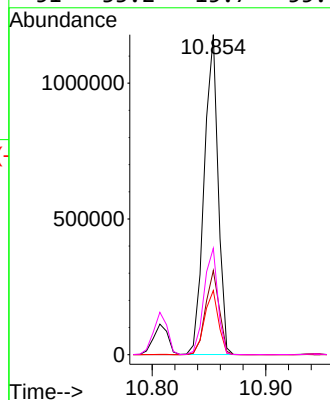
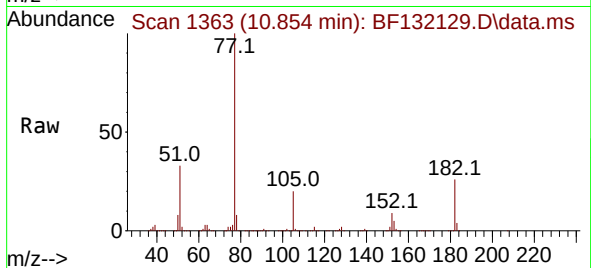
Ion Ratio Lower Upper

77 100

182 26.3 4.1 44.1

105 20.1 0.0 39.1

51 33.2 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.648 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

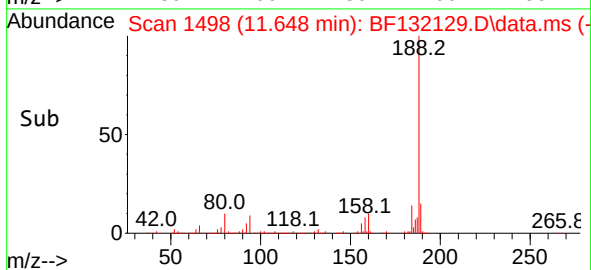
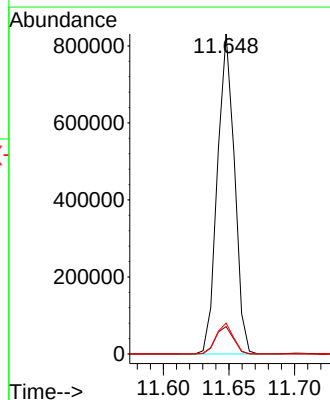
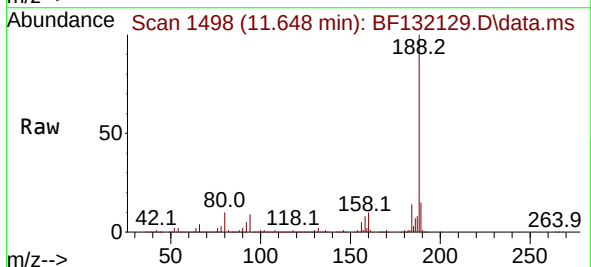
Tgt Ion:188 Resp: 752524

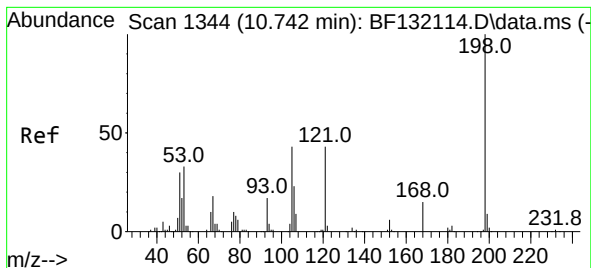
Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 9.7 8.2 12.4

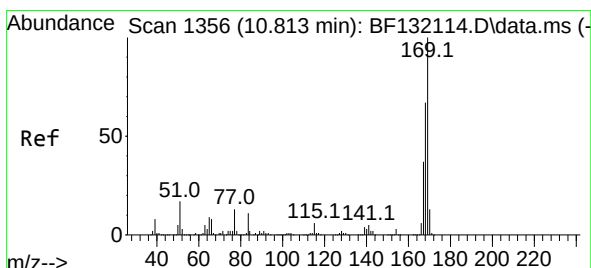
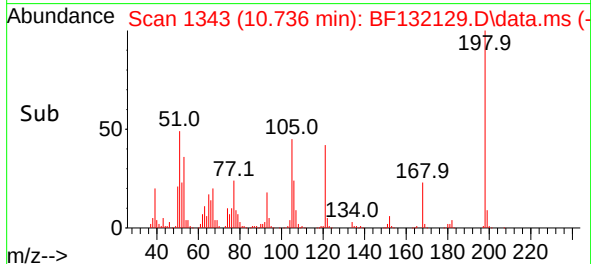
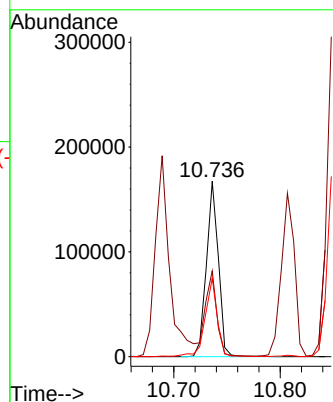
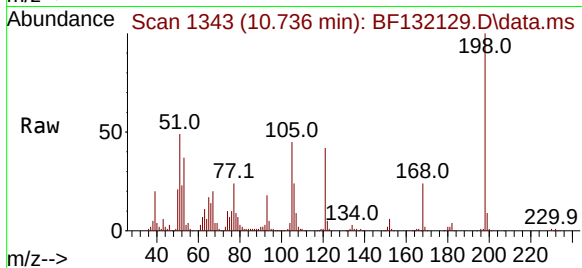




#65
4,6-Dinitro-2-methylphenol
Concen: 37.386 ng
RT: 10.736 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

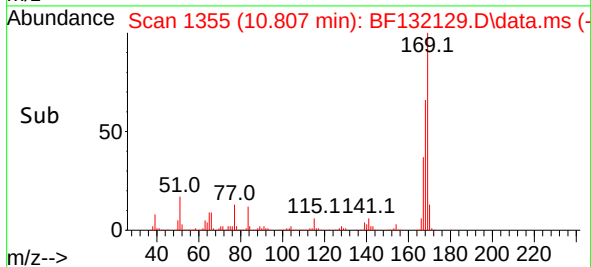
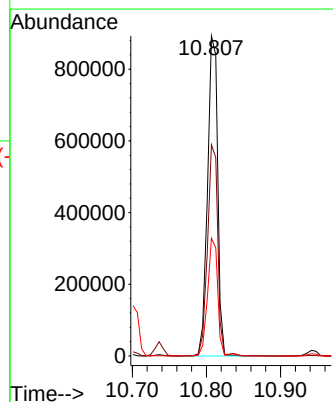
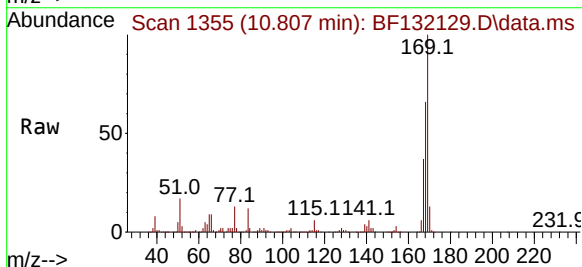
Instrument :
BNA_F
ClientSampleId :
TP-EMS

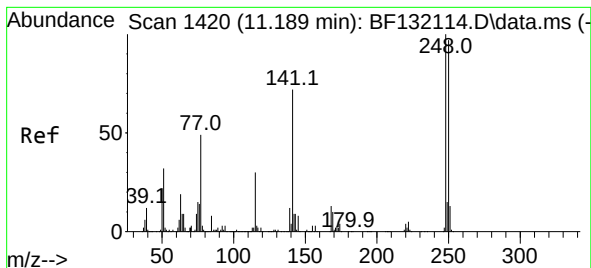
Tgt Ion:198 Resp: 130833
Ion Ratio Lower Upper
198 100
51 48.9 28.4 68.4
105 44.7 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 37.591 ng
RT: 10.807 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:169 Resp: 848961
Ion Ratio Lower Upper
169 100
168 66.0 53.6 80.4
167 36.8 29.4 44.0

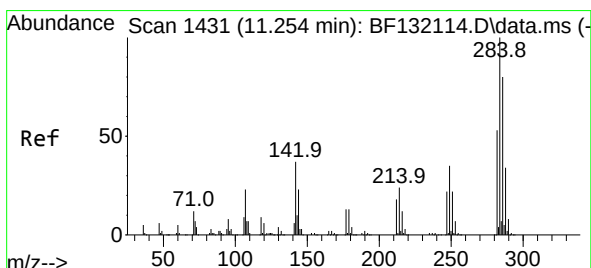
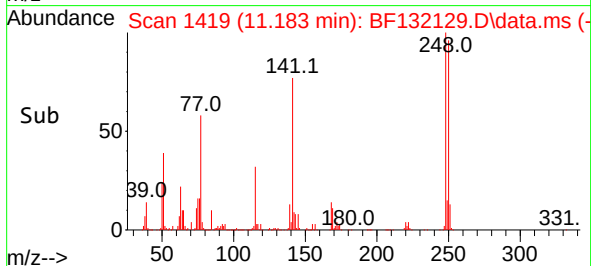
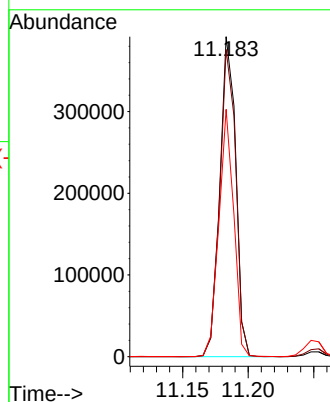
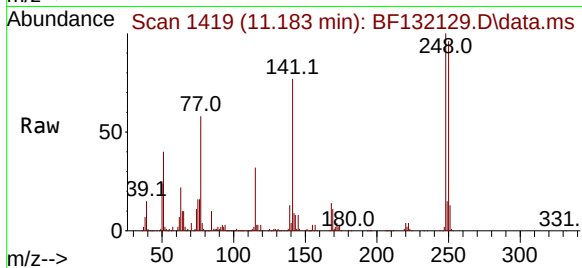




#67
4-Bromophenyl-phenylether
Concen: 38.688 ng
RT: 11.183 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

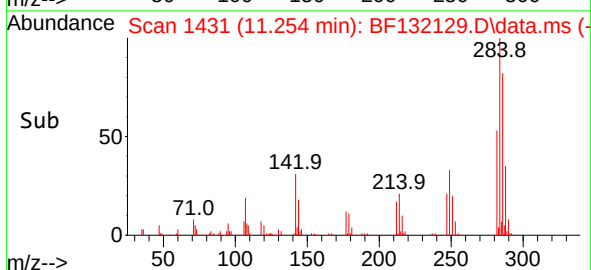
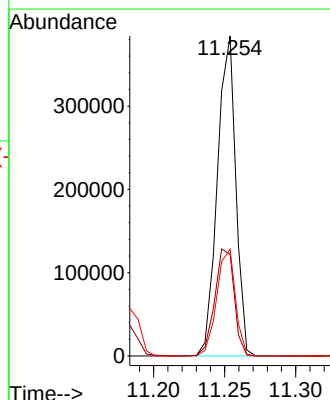
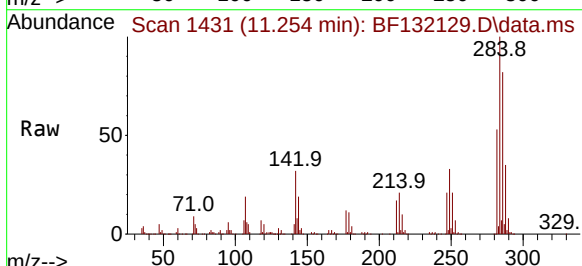
Instrument :
BNA_F
ClientSampleId :
TP-EMS

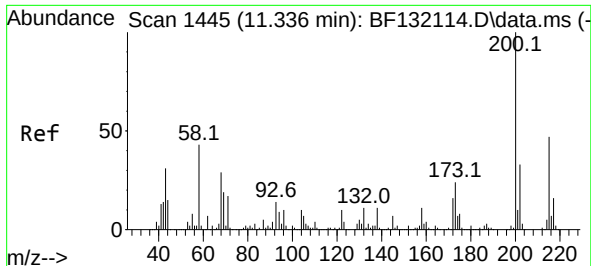
Tgt Ion:248 Resp: 330714
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 77.3 57.6 86.4



#68
Hexachlorobenzene
Concen: 40.218 ng
RT: 11.254 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:284 Resp: 345886
Ion Ratio Lower Upper
284 100
142 31.7 29.4 44.2
249 33.3 27.7 41.5

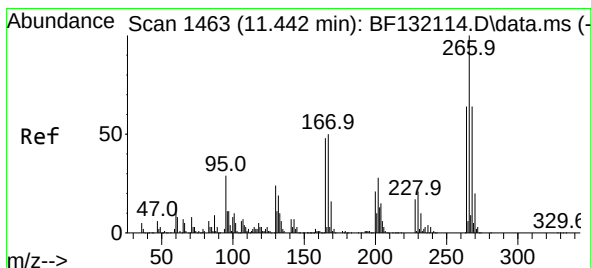
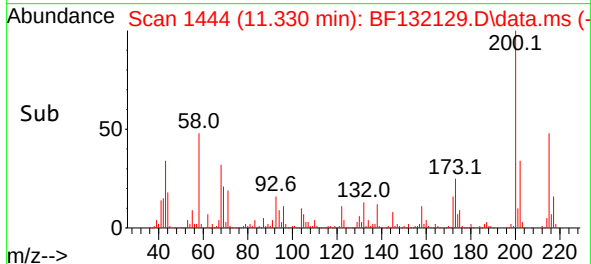
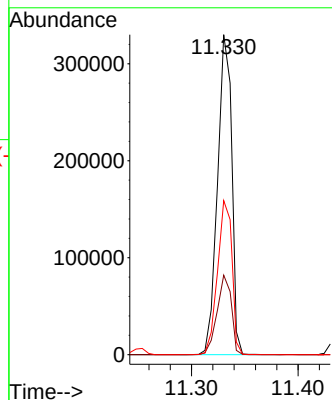
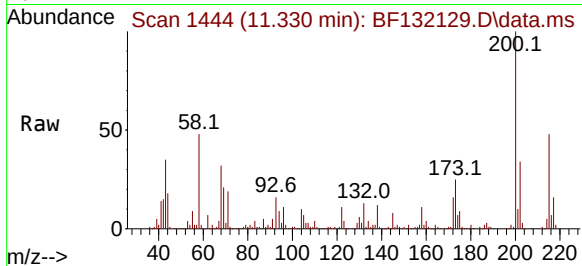




#69
 Atrazine
 Concen: 40.045 ng
 RT: 11.330 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

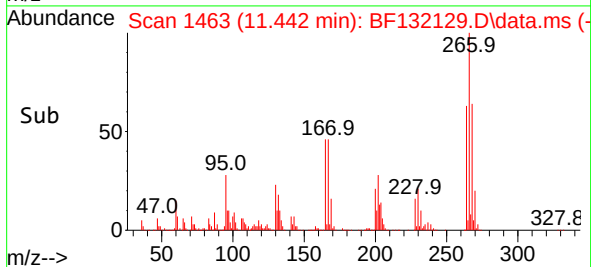
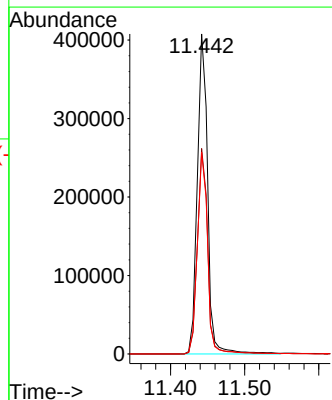
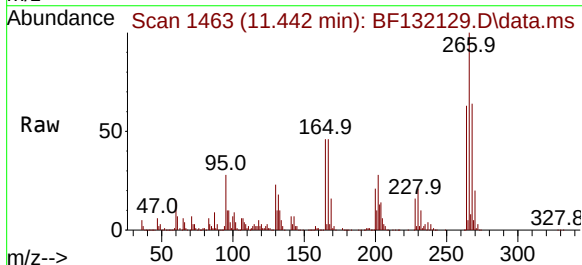
Instrument :
 BNA_F
 ClientSampleId :
 TP-EMS

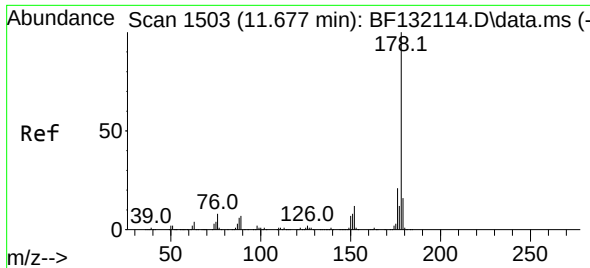
Tgt Ion:200 Resp: 304359
 Ion Ratio Lower Upper
 200 100
 173 24.9 4.6 44.6
 215 48.1 27.3 67.3



#70
 Pentachlorophenol
 Concen: 66.557 ng
 RT: 11.442 min Scan# 1463
 Delta R.T. -0.000 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

Tgt Ion:266 Resp: 393270
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.6
 264 63.0 51.6 77.4

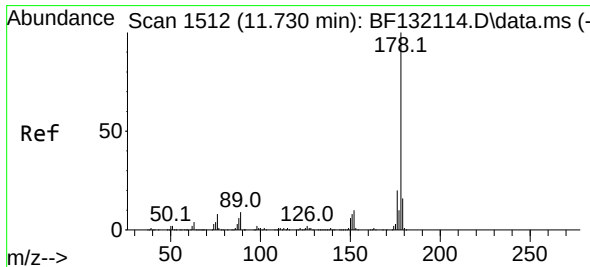
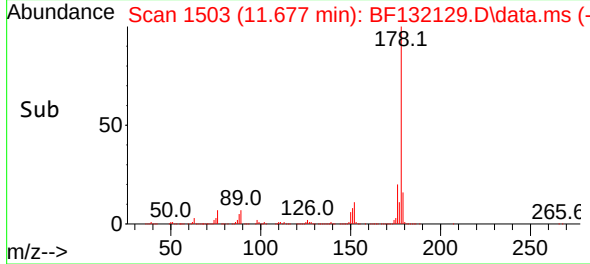
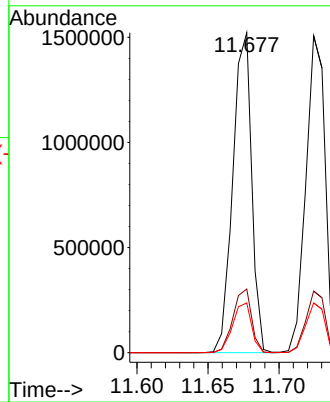
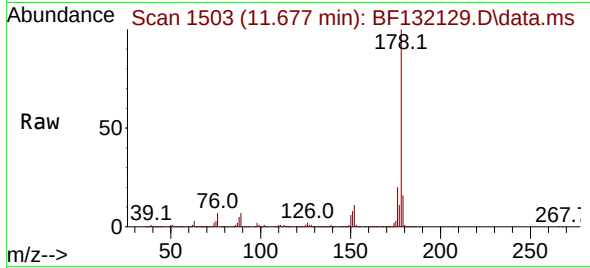




#71
Phenanthrene
Concen: 37.805 ng
RT: 11.677 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

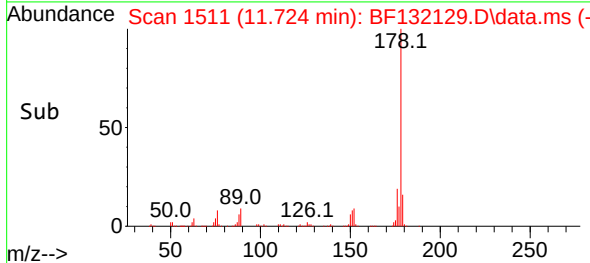
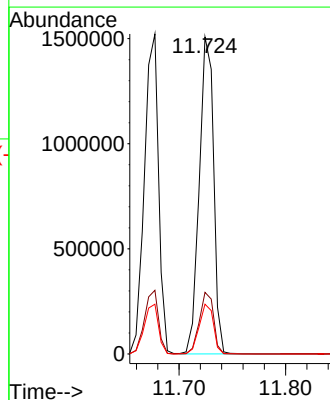
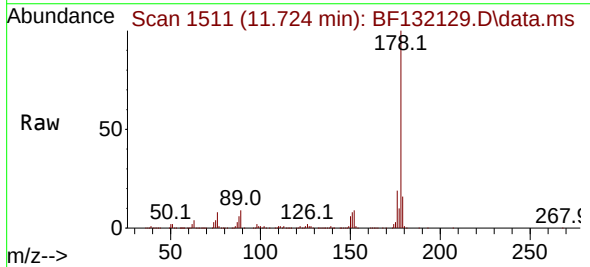
Instrument :
BNA_F
ClientSampleId :
TP-EMS

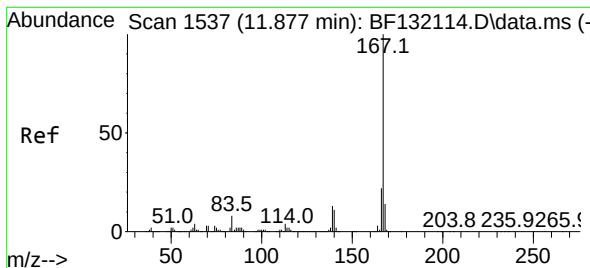
Tgt Ion:178 Resp: 1406380
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.6 12.7 19.1



#72
Anthracene
Concen: 37.396 ng
RT: 11.724 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:178 Resp: 1414525
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.9 19.3





#73

Carbazole

Concen: 37.518 ng

RT: 11.877 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

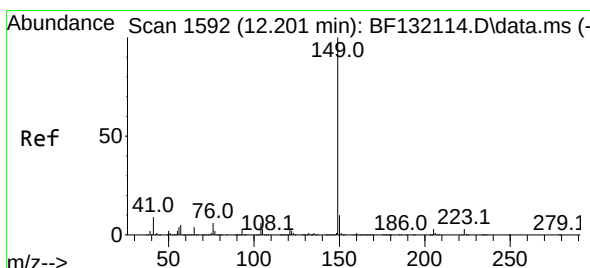
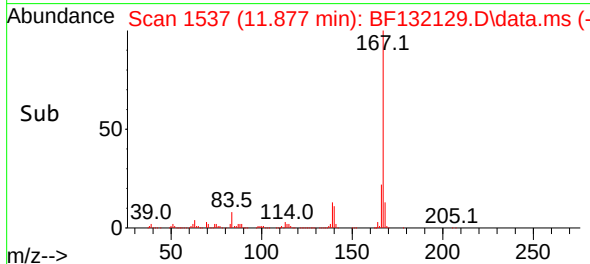
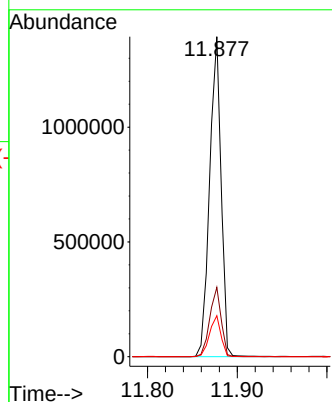
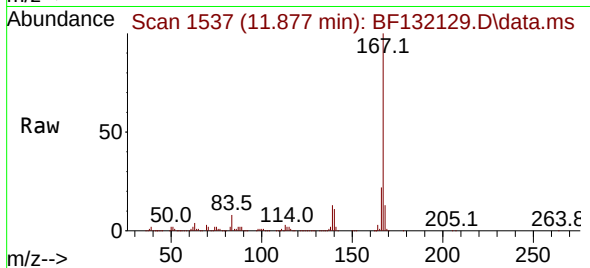
Tgt Ion:167 Resp: 1238284

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 12.8 10.8 16.2



#74

Di-n-butylphthalate

Concen: 38.890 ng

RT: 12.201 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

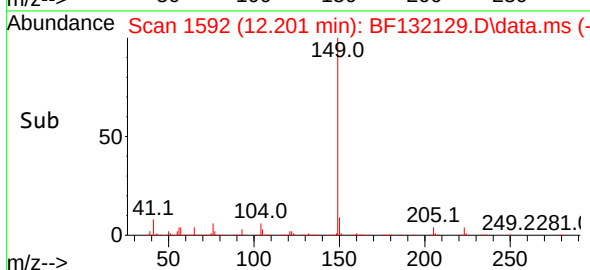
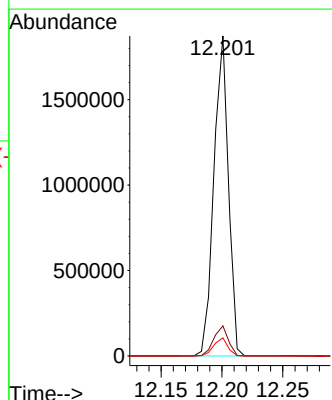
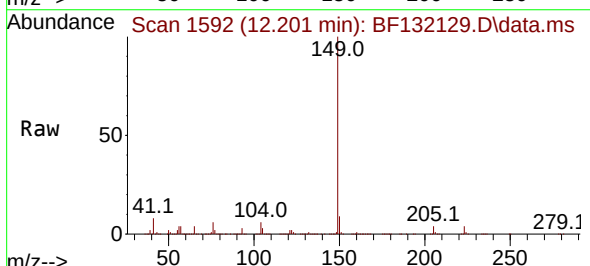
Tgt Ion:149 Resp: 1558724

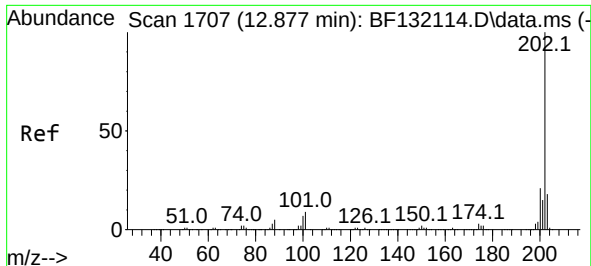
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 5.7 4.8 7.2

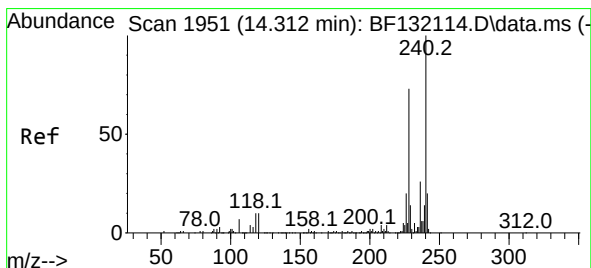
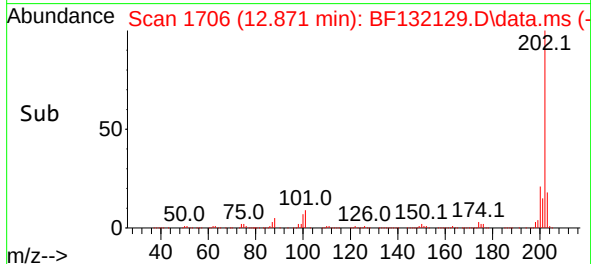
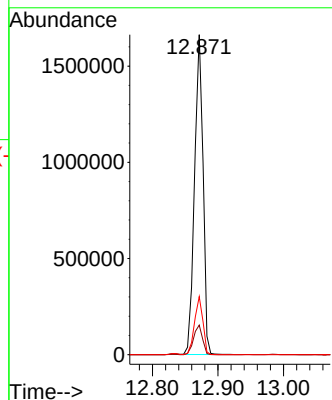
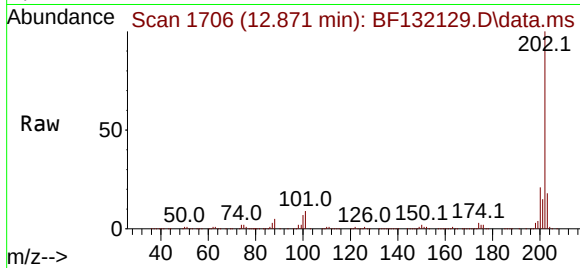




#75
Fluoranthene
Concen: 37.652 ng
RT: 12.871 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

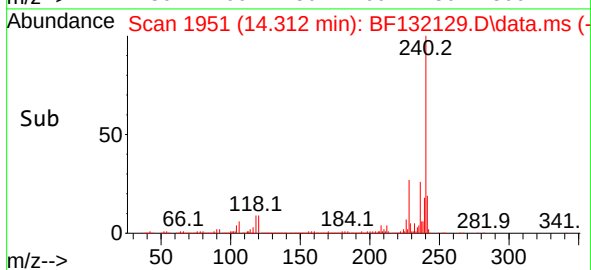
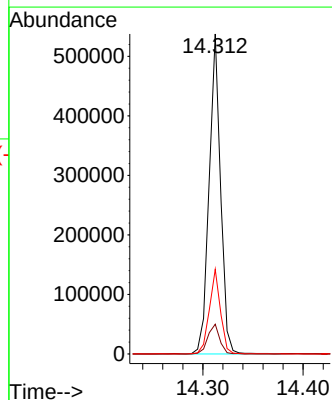
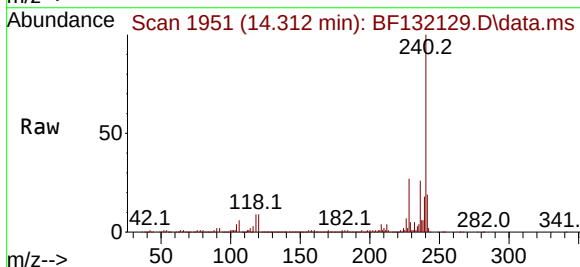
Instrument :
BNA_F
ClientSampleId :
TP-EMS

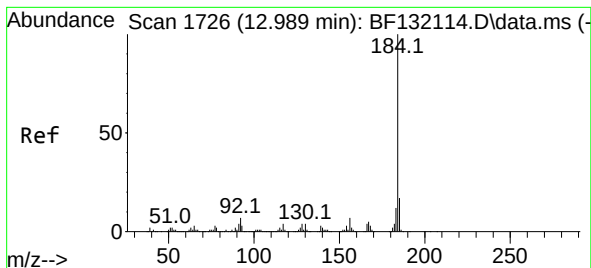
Tgt Ion:202 Resp: 1500384
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 18.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.312 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:240 Resp: 426249
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 26.5 21.2 31.8





#77

Benzidine

Concen: 23.580 ng

RT: 12.983 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

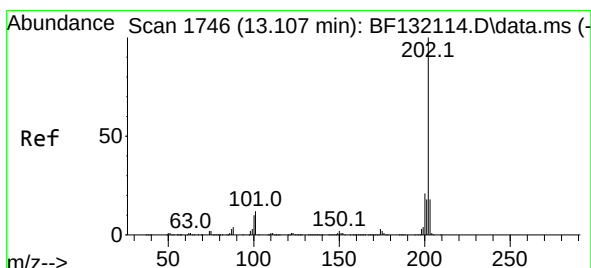
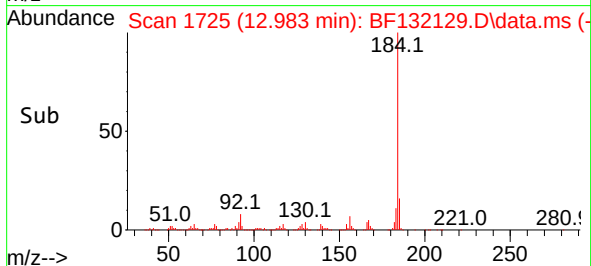
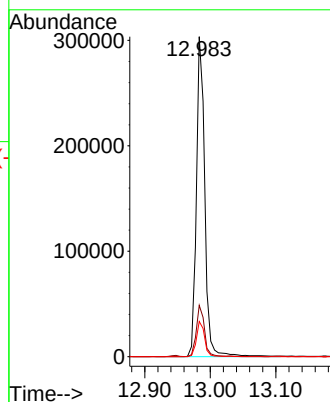
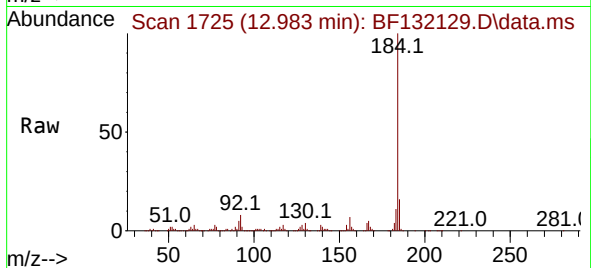
Tgt Ion:184 Resp: 270656

Ion Ratio Lower Upper

184 100

185 16.1 13.7 20.5

183 11.0 9.4 14.0



#78

Pyrene

Concen: 36.703 ng

RT: 13.107 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

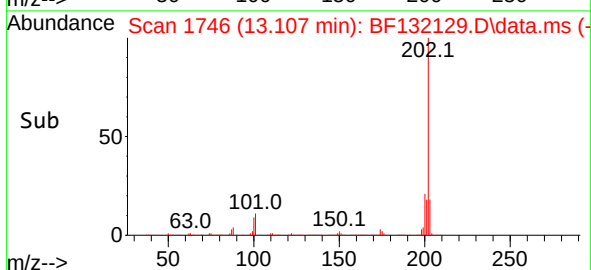
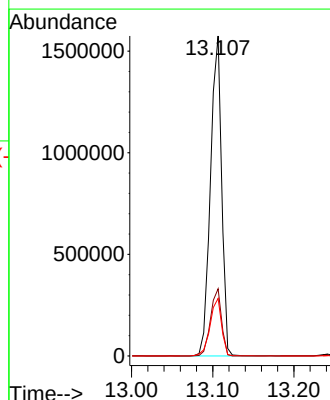
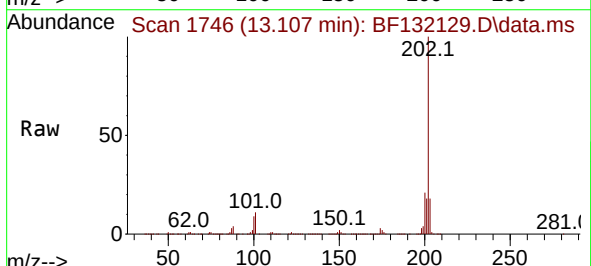
Tgt Ion:202 Resp: 1497487

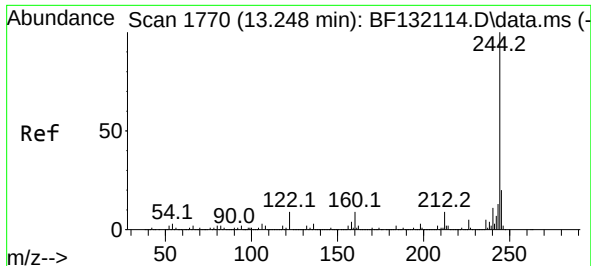
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 18.0 14.6 22.0

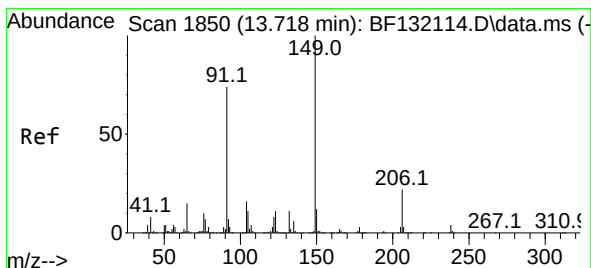
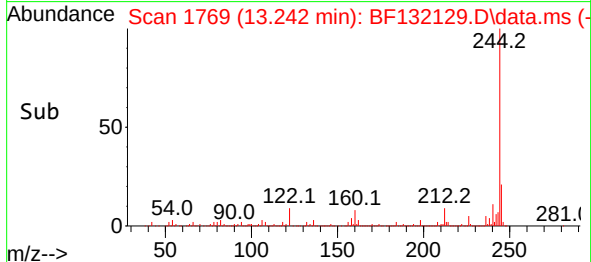
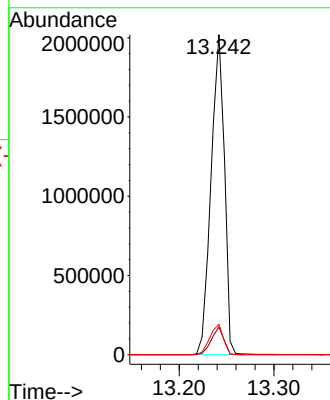
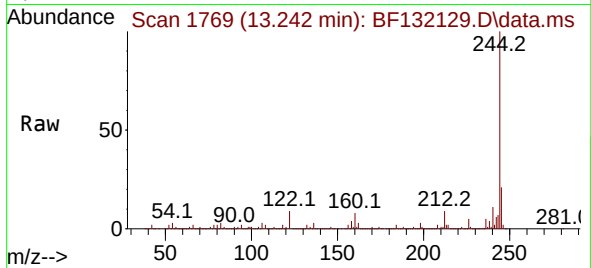




#79
 Terphenyl-d14
 Concen: 74.990 ng
 RT: 13.242 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

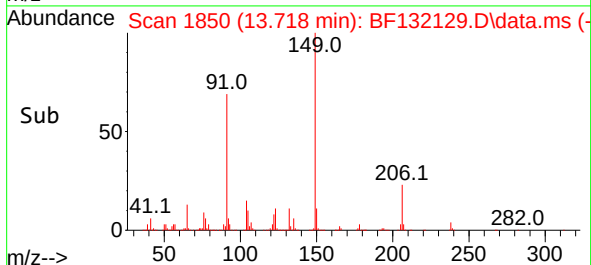
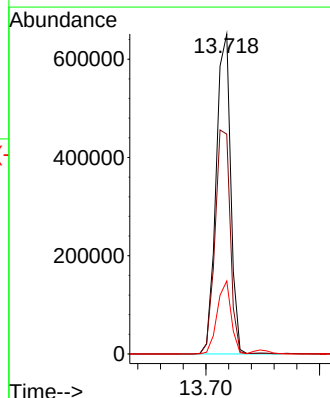
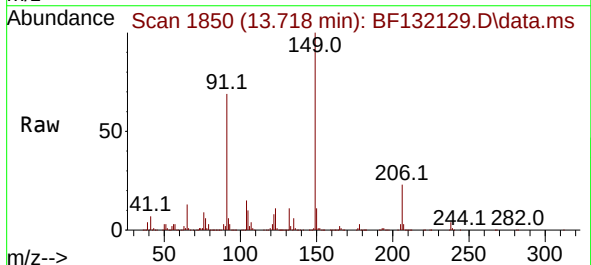
Instrument :
 BNA_F
 ClientSampleId :
 TP-EMS

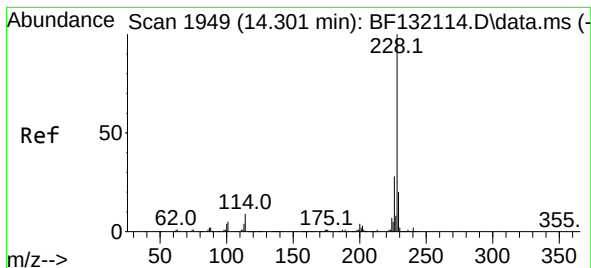
Tgt Ion:244 Resp: 1970027
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 9.5 7.0 10.6



#80
 Butylbenzylphthalate
 Concen: 40.405 ng
 RT: 13.718 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: BF132129.D
 Acq: 18 Jan 2023 21:04

Tgt Ion:149 Resp: 581083
 Ion Ratio Lower Upper
 149 100
 91 68.7 59.2 88.8
 206 22.8 17.3 25.9





#81

Benzo(a)anthracene

Concen: 38.747 ng

RT: 14.301 min Scan# 1949

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

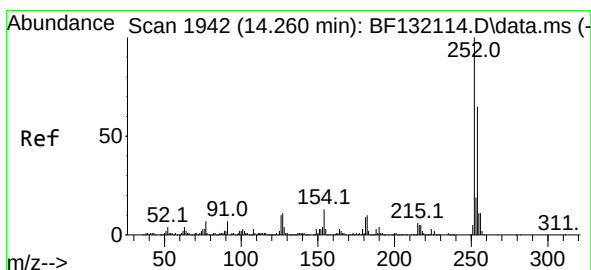
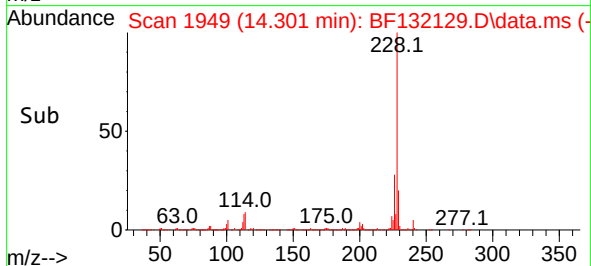
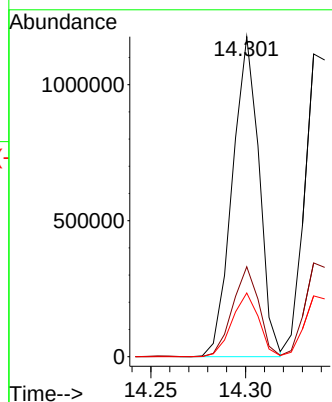
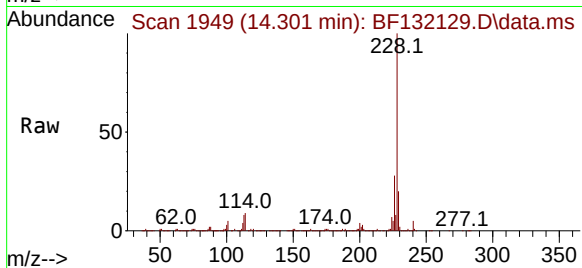
Tgt Ion:228 Resp: 1154329

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 16.278 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

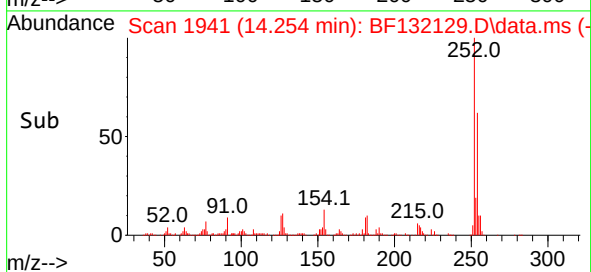
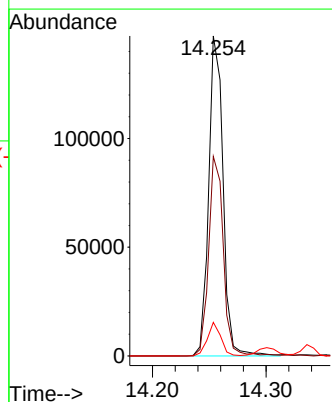
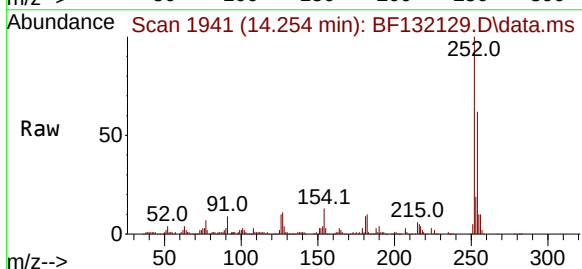
Tgt Ion:252 Resp: 128996

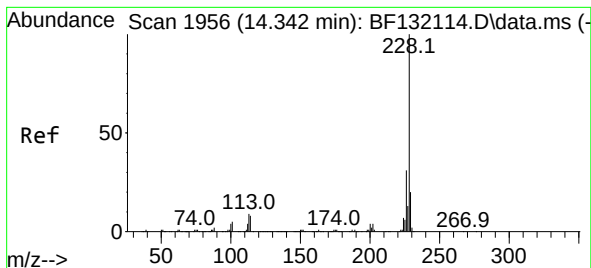
Ion Ratio Lower Upper

252 100

254 62.4 52.2 78.2

126 10.5 8.2 12.4





#83

Chrysene

Concen: 38.242 ng

RT: 14.336 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

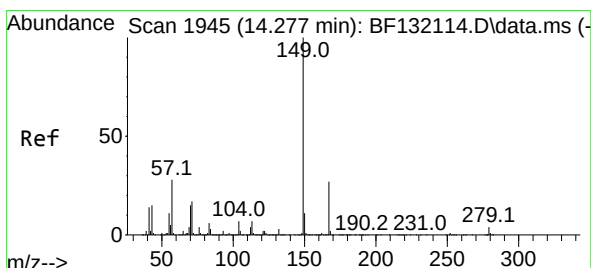
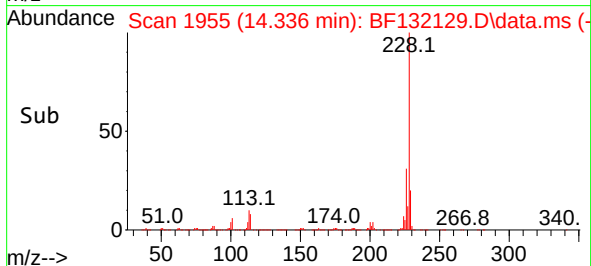
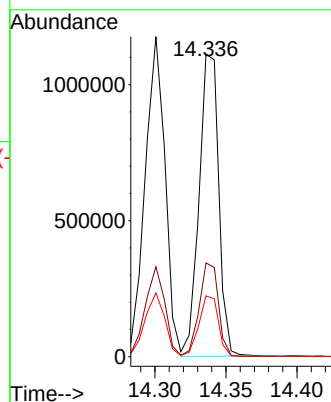
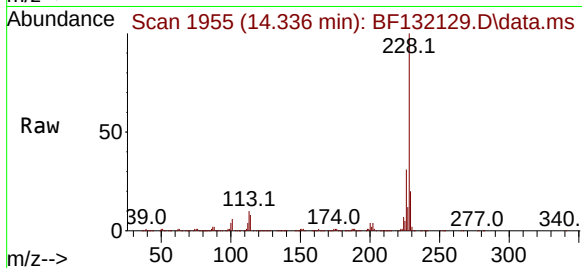
Tgt Ion:228 Resp: 1071012

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.781 ng

RT: 14.271 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

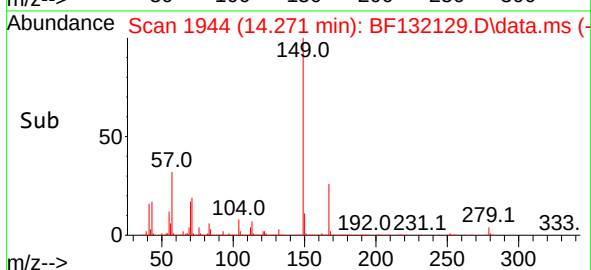
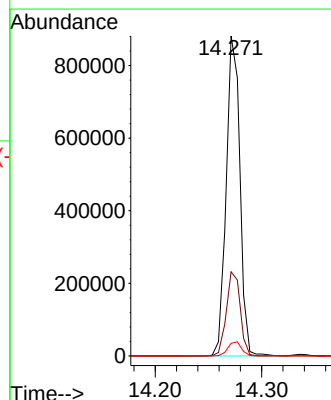
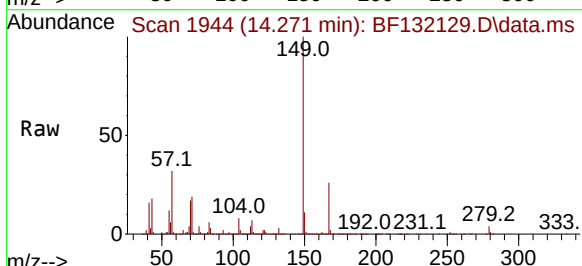
Tgt Ion:149 Resp: 785810

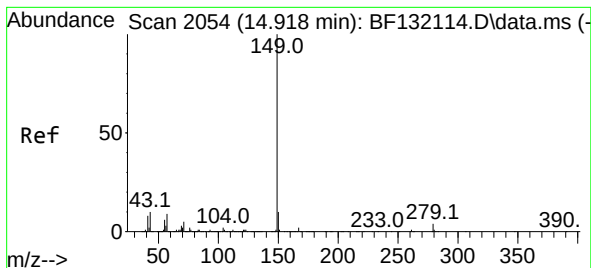
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.263 ng

RT: 14.912 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

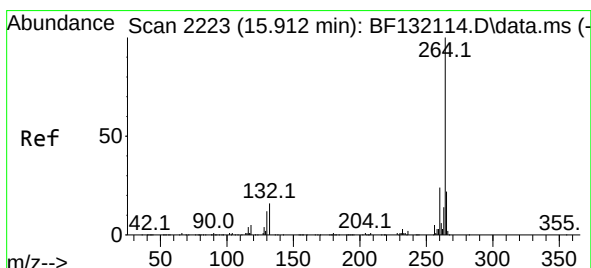
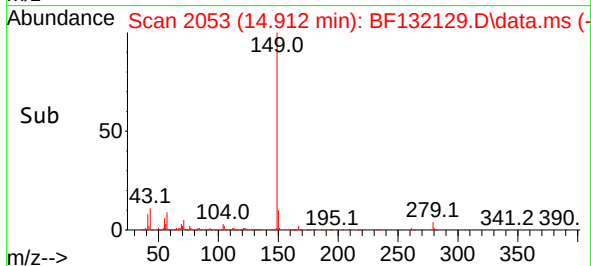
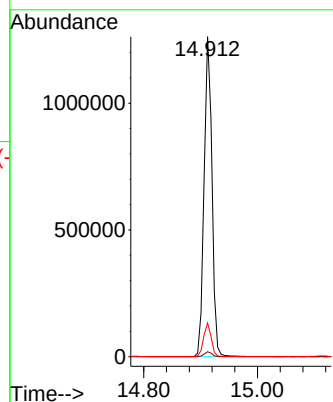
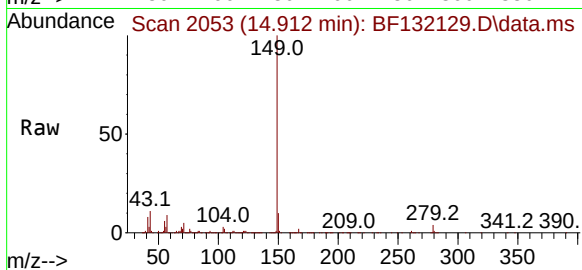
Tgt Ion:149 Resp: 1215081

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.912 min Scan# 2223

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

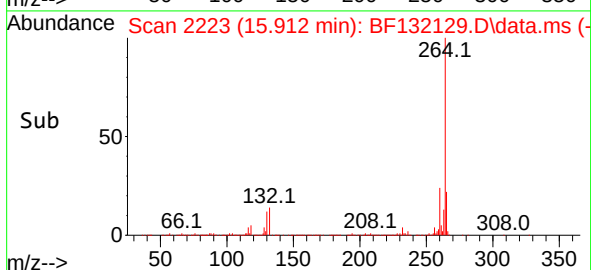
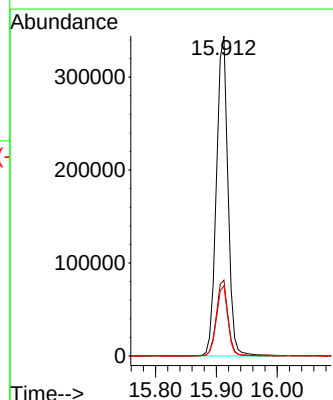
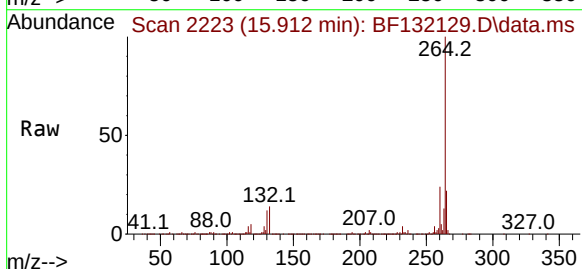
Tgt Ion:264 Resp: 454802

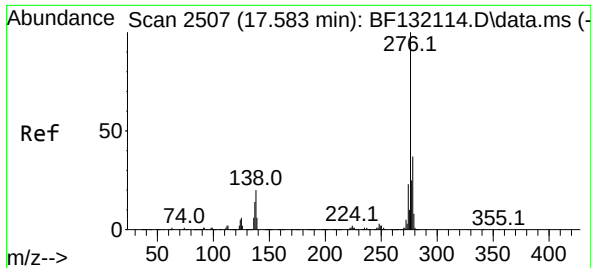
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.9 17.5 26.3

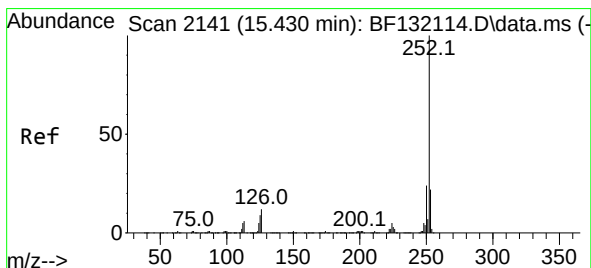
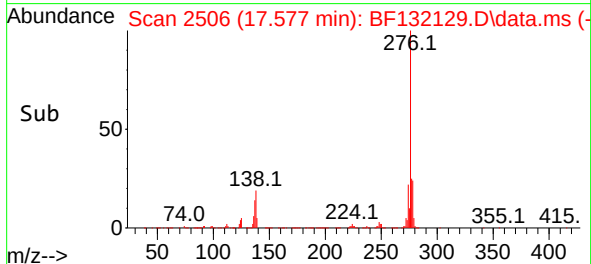
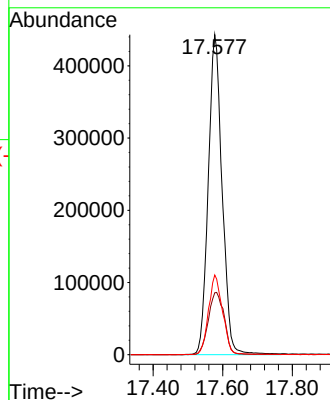
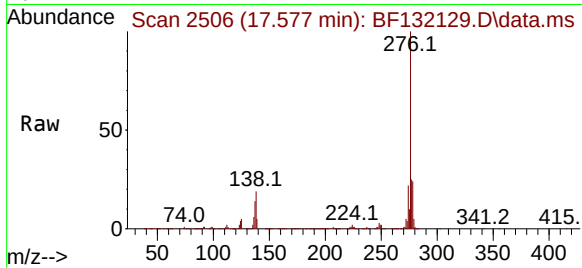




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.834 ng
RT: 17.577 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

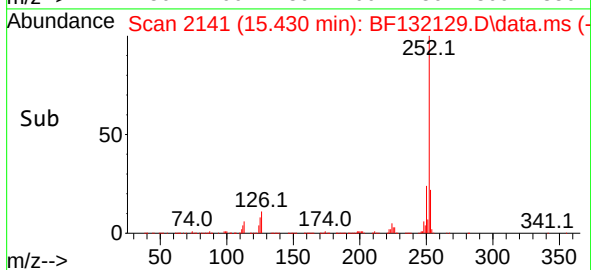
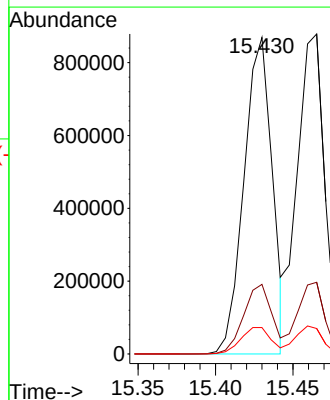
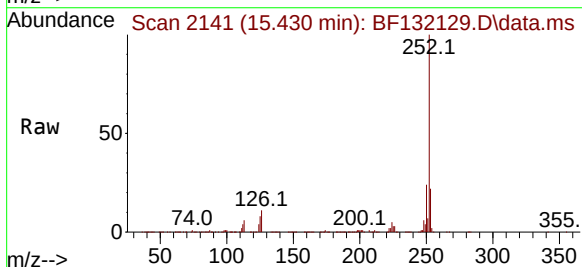
Instrument :
BNA_F
ClientSampleId :
TP-EMS

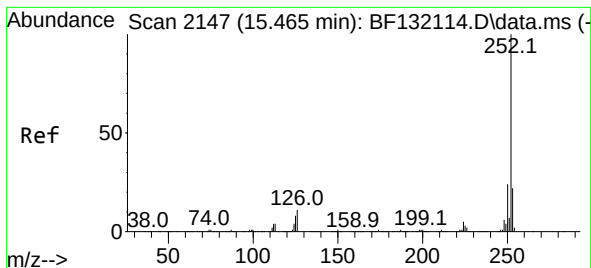
Tgt Ion:276 Resp: 1228215
Ion Ratio Lower Upper
276 100
138 22.4 18.2 27.4
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 38.493 ng
RT: 15.430 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:252 Resp: 1101408
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.4 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 37.957 ng

RT: 15.465 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

TP-EMS

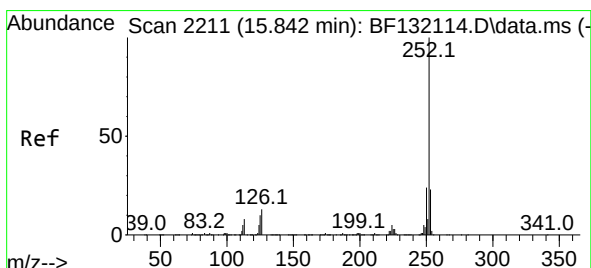
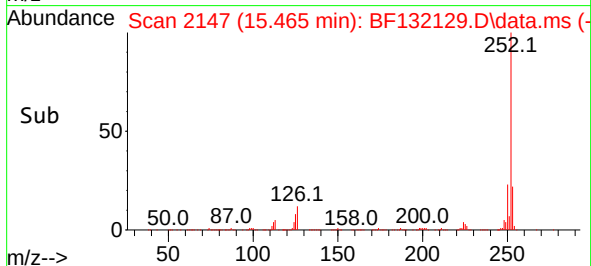
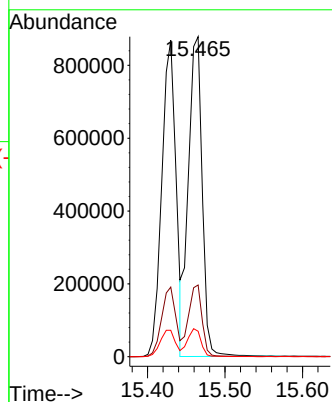
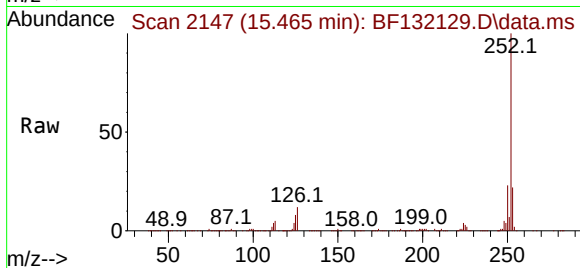
Tgt Ion:252 Resp: 1086439

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 8.0 6.7 10.1



#90

Benzo(a)pyrene

Concen: 37.399 ng

RT: 15.842 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF132129.D

Acq: 18 Jan 2023 21:04

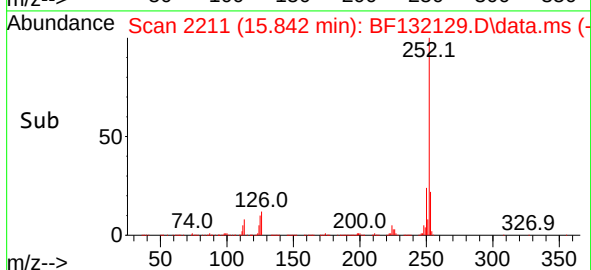
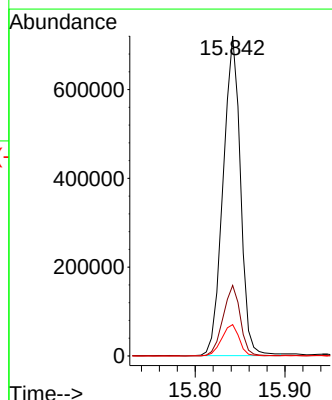
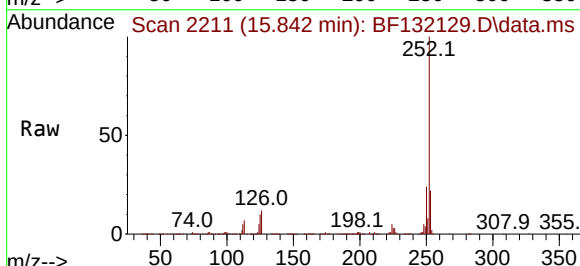
Tgt Ion:252 Resp: 967389

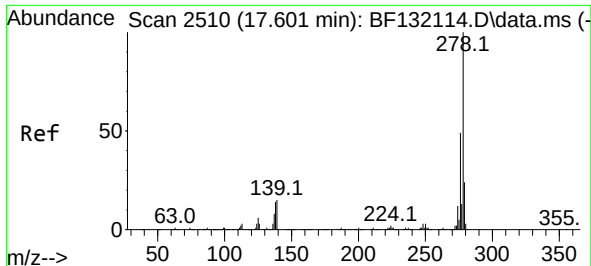
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 9.8 8.1 12.1

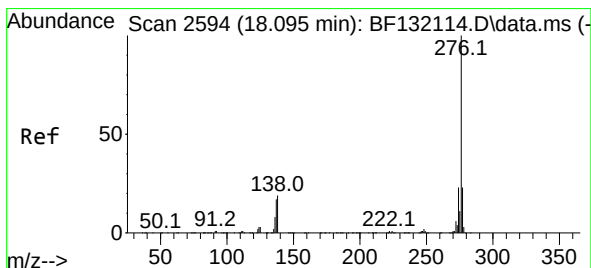
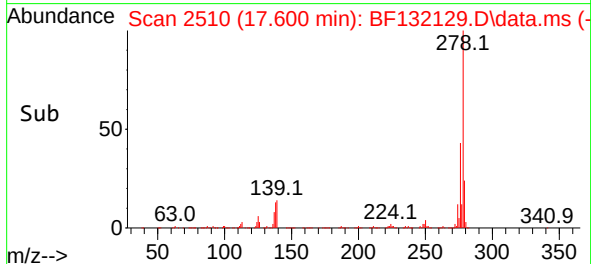
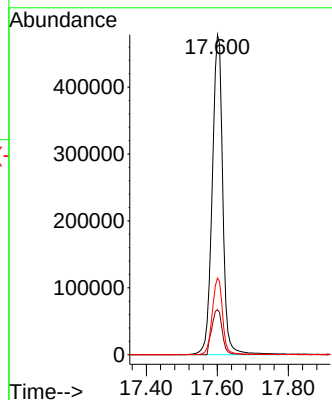
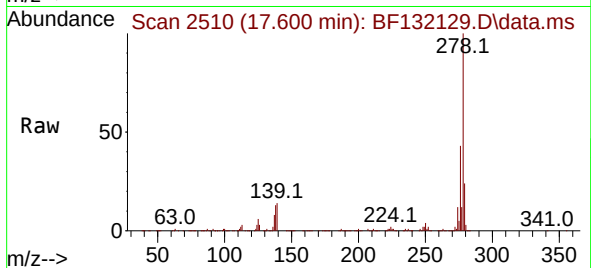




#91
Dibenzo(a,h)anthracene
Concen: 45.993 ng
RT: 17.600 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Instrument :
BNA_F
ClientSampleId :
TP-EMS

Tgt Ion:278 Resp: 990346
Ion Ratio Lower Upper
278 100
139 14.1 11.8 17.8
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.732 ng
RT: 18.089 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BF132129.D
Acq: 18 Jan 2023 21:04

Tgt Ion:276 Resp: 1025970
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 19.3 15.4 23.2

