

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128045.D
 Acq On : 03 May 2022 14:55
 Operator : CG\JU
 Sample : N2663-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25MSD

Quant Time: May 04 04:26:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	111118	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	442877	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	259620	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	459903	20.000	ng	0.00
76) Chrysene-d12	14.104	240	219418	20.000	ng	0.00
86) Perylene-d12	15.610	264	223817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	892631	127.951	ng	0.01
7) Phenol-d6	6.557	99	1223550	135.165	ng	0.00
23) Nitrobenzene-d5	7.487	82	886962	94.177	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	385062	147.335	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1389052	90.514	ng	0.00
79) Terphenyl-d14	13.039	244	1282039	106.841	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	130987	39.352	ng	98
3) Pyridine	3.575	79	357642	41.934	ng	97
4) n-Nitrosodimethylamine	3.540	42	221171	53.575	ng	94
6) Aniline	6.587	93	529737	49.254	ng	99
8) 2-Chlorophenol	6.704	128	402388	55.573	ng	98
9) Benzaldehyde	6.469	77	256070	45.726	ng	93
10) Phenol	6.569	94	519180	56.866	ng	88
11) bis(2-Chloroethyl)ether	6.657	93	404750	53.442	ng	99
12) 1,3-Dichlorobenzene	7.087	146	404829	48.571	ng	95
13) 1,4-Dichlorobenzene	6.934	146	419132	50.380	ng	96
14) 1,2-Dichlorobenzene	7.087	146	404829	52.564	ng	98
15) Benzyl Alcohol	7.063	79	421014	68.393	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.187	45	604948	52.262	ng	99
17) 2-Methylphenol	7.175	107	343671	55.011	ng	96
18) Hexachloroethane	7.428	117	164522	53.792	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	322519	58.203	ng	96
20) 3+4-Methylphenols	7.328	107	400262	53.037	ng	# 87
22) Acetophenone	7.334	105	564659	52.311	ng	94
24) Nitrobenzene	7.504	77	496875	54.750	ng	98
25) Isophorone	7.745	82	937254	59.128	ng	99
26) 2-Nitrophenol	7.822	139	218397	56.474	ng	94
27) 2,4-Dimethylphenol	7.851	122	382238	59.507	ng	95
28) bis(2-Chloroethoxy)met...	7.951	93	528178	51.992	ng	98
29) 2,4-Dichlorophenol	8.063	162	354243	52.641	ng	100
30) 1,2,4-Trichlorobenzene	8.139	180	379281	49.618	ng	98
31) Naphthalene	8.228	128	1142520	50.651	ng	100
32) Benzoic acid	8.004	122	253860	55.138	ng	98
33) 4-Chloroaniline	8.269	127	246931	27.668	ng	96
34) Hexachlorobutadiene	8.334	225	249795	51.881	ng	99
35) Caprolactam	8.669	113	68842	31.692	ng	94
36) 4-Chloro-3-methylphenol	8.763	107	404393	56.268	ng	97
37) 2-Methylnaphthalene	8.916	142	786201	52.739	ng	98
38) 1-Methylnaphthalene	9.016	142	755698	52.154	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	392208	51.254	ng	99
41) Hexachlorocyclopentadiene	9.063	237	434886	104.894	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	264805	52.591	ng	100

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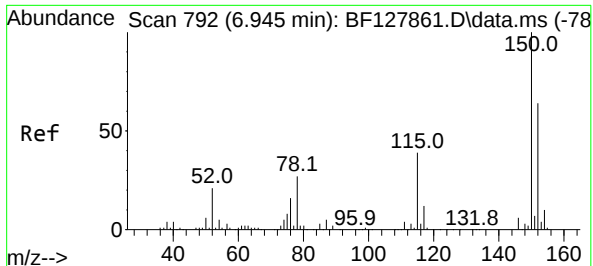
Quant Time: May 04 04:26:33 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	277997	50.788	ng	99
46) 1,1'-Biphenyl	9.386	154	983711	51.152	ng	99
47) 2-Chloronaphthalene	9.410	162	728686	49.773	ng	96
48) 2-Nitroaniline	9.510	65	275778	55.688	ng	95
49) Acenaphthylene	9.828	152	1176539	52.537	ng	99
50) Dimethylphthalate	9.686	163	923652	53.048	ng	100
51) 2,6-Dinitrotoluene	9.751	165	211714	56.161	ng	92
52) Acenaphthene	9.998	154	706848	46.948	ng	99
53) 3-Nitroaniline	9.922	138	145475	34.751	ng	96
54) 2,4-Dinitrophenol	10.033	184	223428	112.539	ng	# 80
55) Dibenzofuran	10.175	168	1047122	48.205	ng	98
56) 4-Nitrophenol	10.092	139	286580	89.652	ng	89
57) 2,4-Dinitrotoluene	10.163	165	273758	54.823	ng	# 83
58) Fluorene	10.516	166	834884	51.508	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	231254	50.241	ng	96
60) Diethylphthalate	10.386	149	914352	53.554	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	419235	52.049	ng	96
62) 4-Nitroaniline	10.545	138	195941	47.877	ng	91
63) Azobenzene	10.669	77	971309	51.701	ng	97
65) 4,6-Dinitro-2-methylph...	10.569	198	150880	55.213	ng	89
66) n-Nitrosodiphenylamine	10.628	169	755388	52.786	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	269206	52.803	ng	95
68) Hexachlorobenzene	11.063	284	299851	55.823	ng	97
69) Atrazine	11.157	200	270248	61.073	ng	96
70) Pentachlorophenol	11.263	266	291615	92.281	ng	97
71) Phenanthrene	11.486	178	1191592	49.497	ng	99
72) Anthracene	11.539	178	1217525	50.770	ng	100
73) Carbazole	11.692	167	1018703	44.076	ng	99
74) Di-n-butylphthalate	12.010	149	1384017	53.253	ng	99
75) Fluoranthene	12.674	202	1094692	43.206	ng	97
77) Benzidine	12.792	184	474019	114.175	ng	98
78) Pyrene	12.904	202	1056181	59.629	ng	99
80) Butylbenzylphthalate	13.510	149	441876	63.648	ng	99
81) Benzo(a)anthracene	14.092	228	784401	53.635	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	192757	41.510	ng	98
83) Chrysene	14.133	228	714228	51.136	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	589034	63.979	ng	99
85) Di-n-octyl phthalate	14.686	149	879107	61.616	ng	99
87) Indeno(1,2,3-cd)pyrene	17.157	276	778560	52.115	ng	97
88) Benzo(b)fluoranthene	15.163	252	760875	54.125	ng	99
89) Benzo(k)fluoranthene	15.198	252	699841	49.414	ng	98
90) Benzo(a)pyrene	15.551	252	729390	62.551	ng	98
91) Dibenzo(a,h)anthracene	17.174	278	665978	55.585	ng	97
92) Benzo(g,h,i)perylene	17.633	276	628686	49.791	ng	97

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

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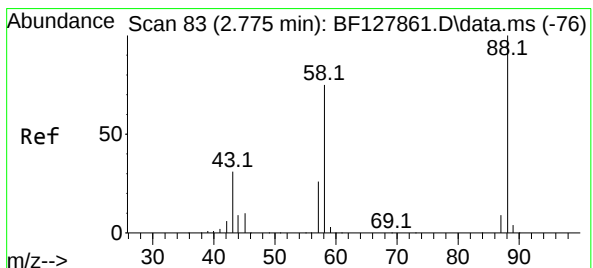
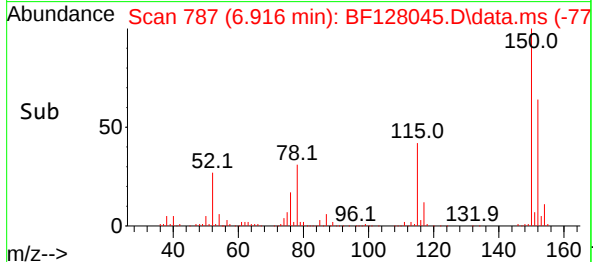
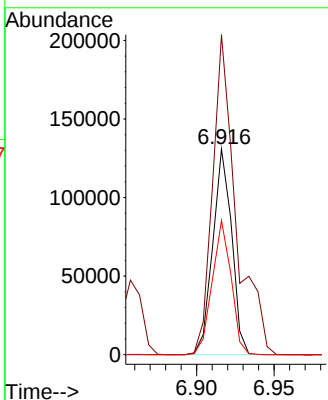
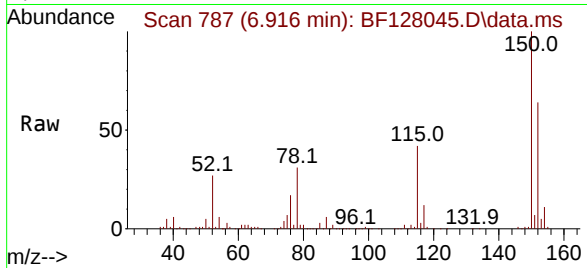




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128045.D
 Acq: 03 May 2022 14:55

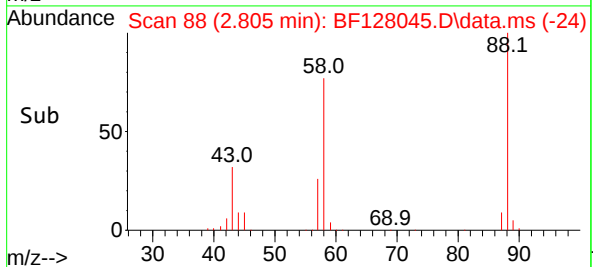
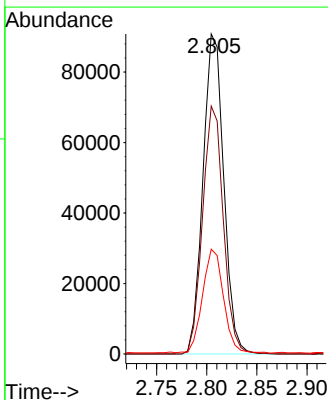
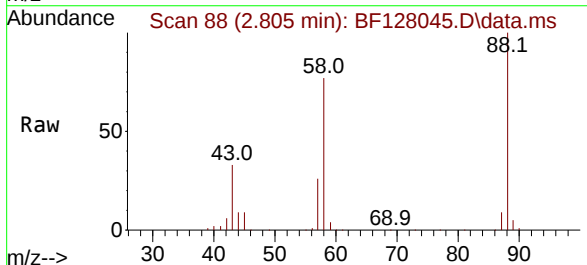
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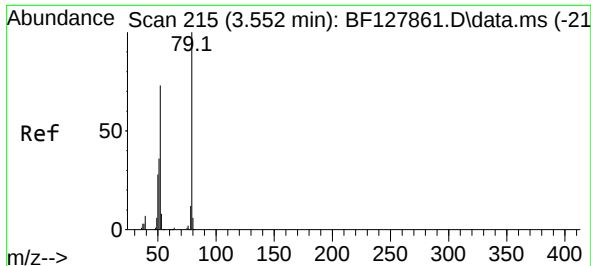
Tgt Ion:152 Resp: 111118
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.3 187.9
 115 65.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 39.352 ng
 RT: 2.805 min Scan# 88
 Delta R.T. 0.076 min
 Lab File: BF128045.D
 Acq: 03 May 2022 14:55

Tgt Ion: 88 Resp: 130987
 Ion Ratio Lower Upper
 88 100
 58 77.3 61.0 91.4
 43 33.0 24.9 37.3

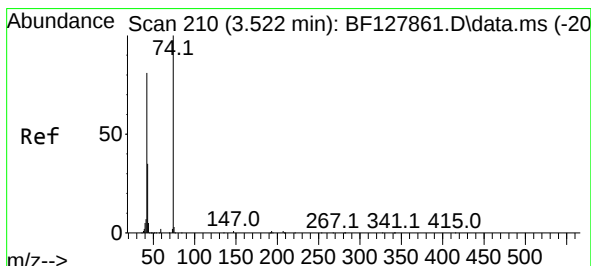
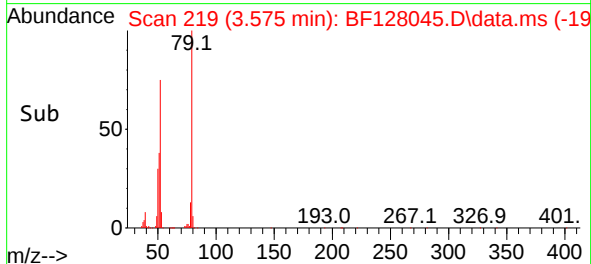
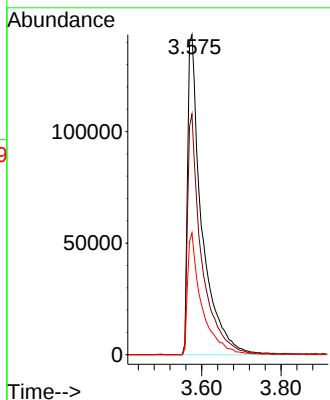
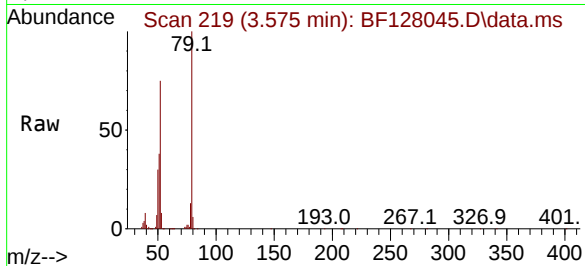




#3
Pyridine
Concen: 41.934 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

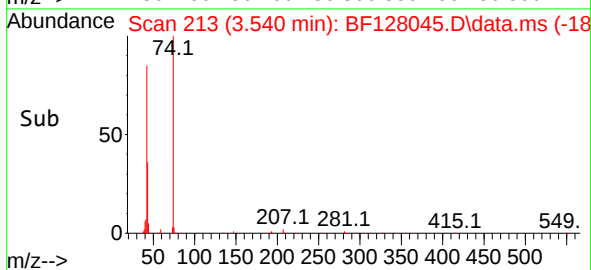
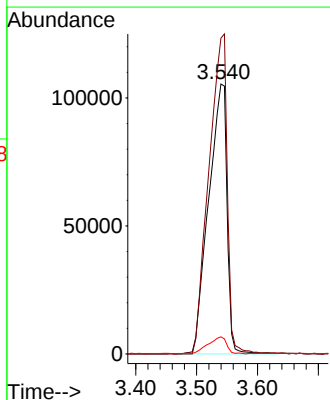
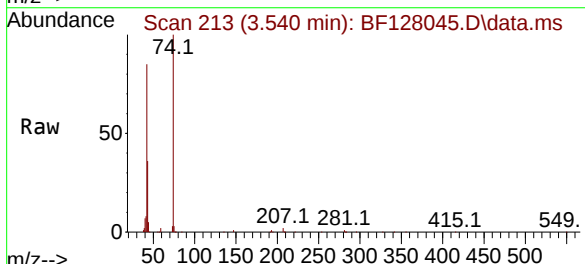
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BNA_F
ClientSampleId :
TP-25MSD

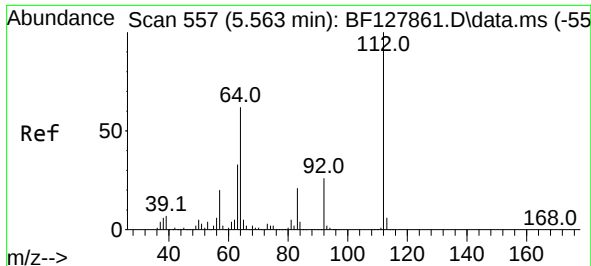
Tgt Ion: 79 Resp: 357642
Ion Ratio Lower Upper
79 100
52 75.2 58.3 87.5
51 38.0 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 53.575 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 42 Resp: 221171
Ion Ratio Lower Upper
42 100
74 117.0 99.0 148.4
44 6.3 5.2 7.8

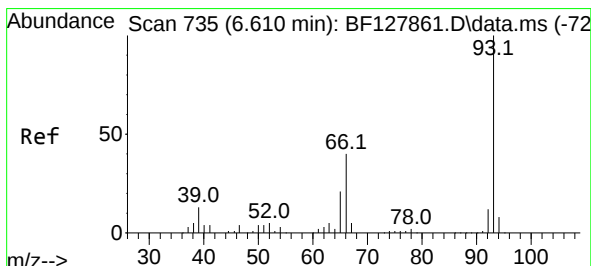
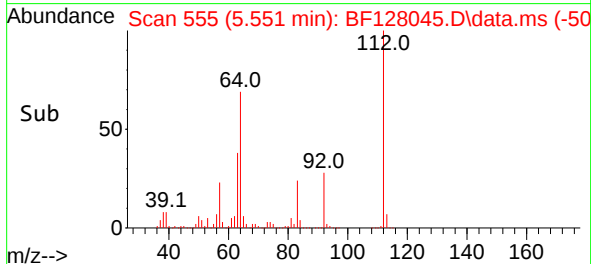
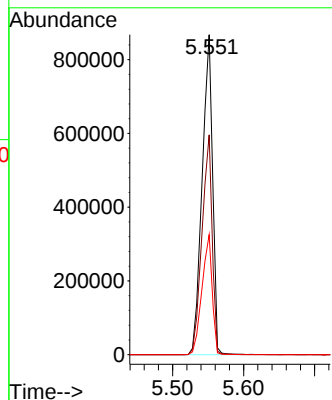
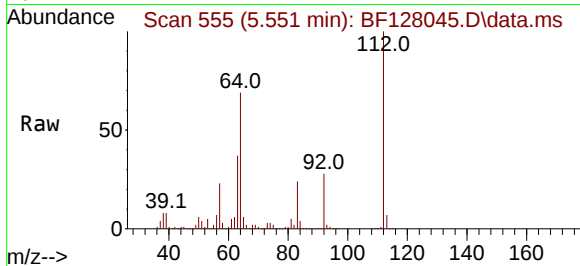




#5
2-Fluorophenol
Concen: 127.951 ng
RT: 5.551 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

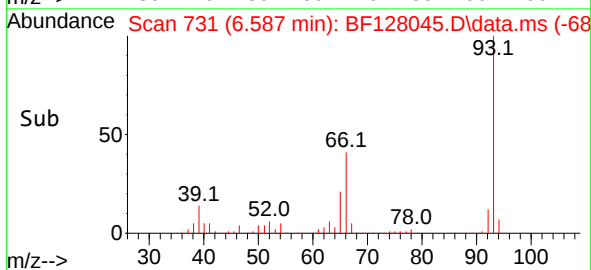
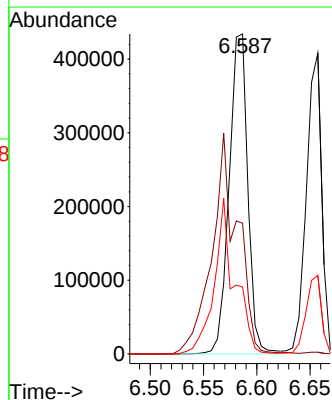
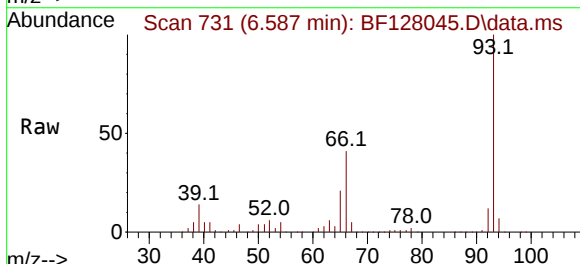
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ClientSampleId :
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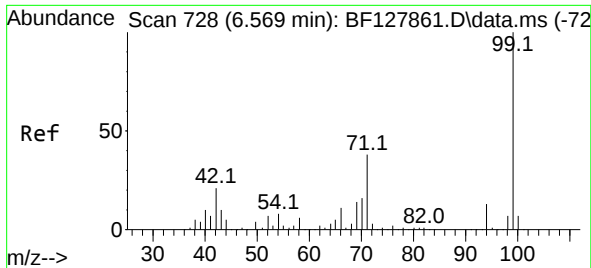
Tgt Ion:112 Resp: 892631
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 37.5 26.3 39.5



#6
Aniline
Concen: 49.254 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 93 Resp: 529737
Ion Ratio Lower Upper
93 100
66 40.9 32.2 48.4
65 20.9 16.7 25.1





#7

Phenol-d6

Concen: 135.165 ng

RT: 6.557 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

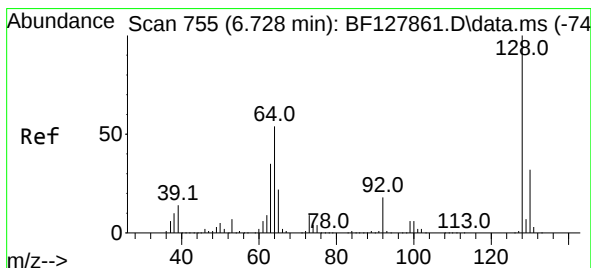
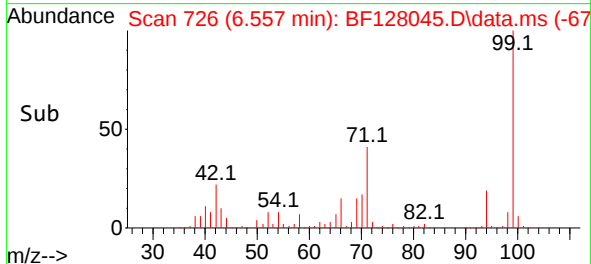
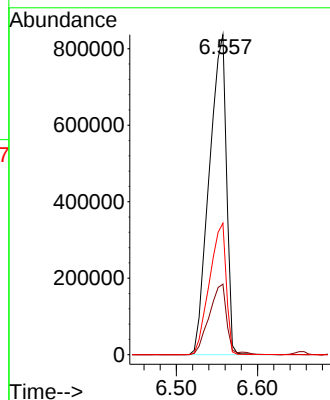
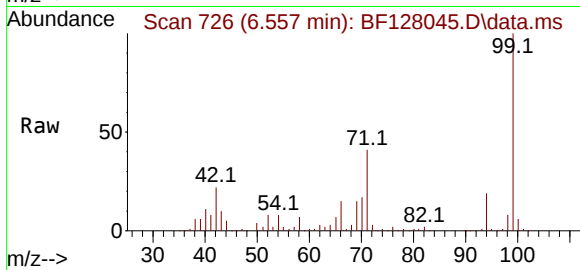
BNA_F

ClientSampleId :

TP-25MSD

Tgt Ion: 99 Resp: 1223550

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	24.8
71	41.1	30.0	45.0



#8

2-Chlorophenol

Concen: 55.573 ng

RT: 6.704 min Scan# 751

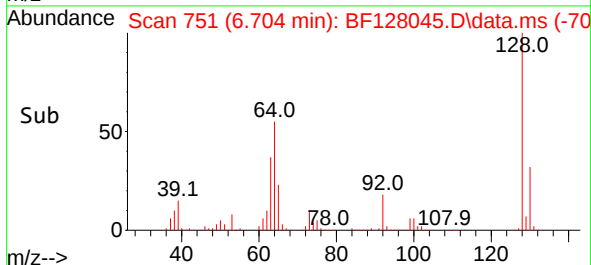
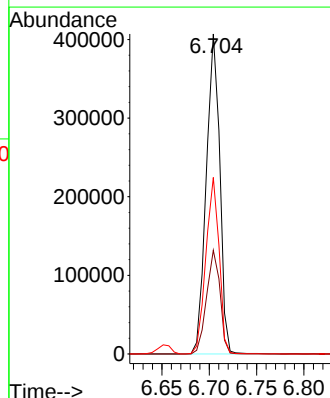
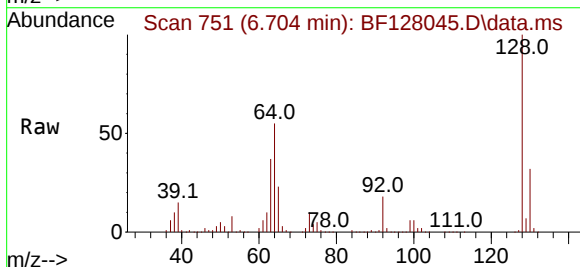
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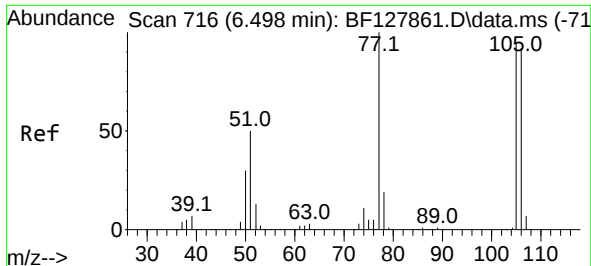
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Acq: 03 May 2022 14:55

Tgt Ion: 128 Resp: 402388

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.6	51.6
64	55.1	33.8	73.8

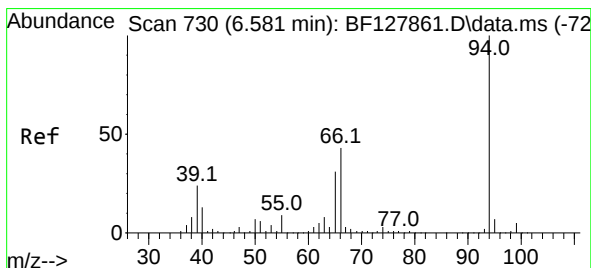
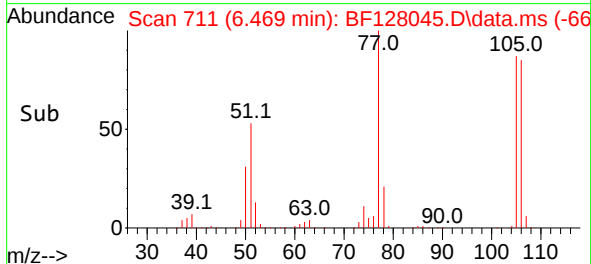
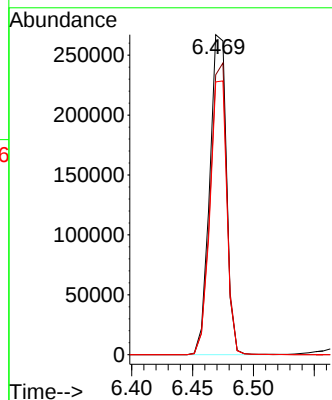
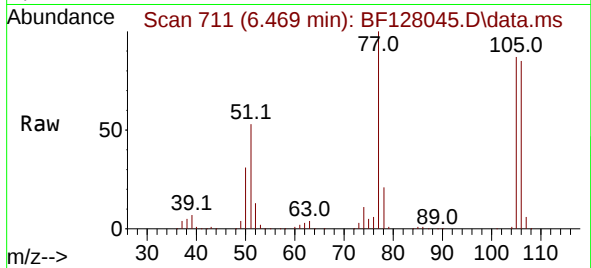




#9
Benzaldehyde
Concen: 45.726 ng
RT: 6.469 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

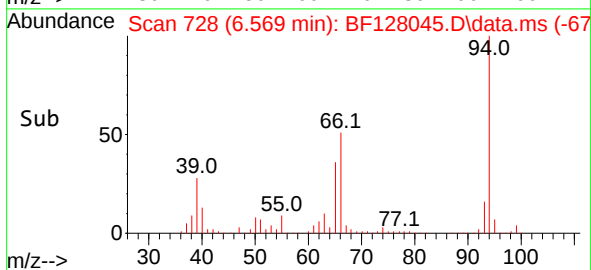
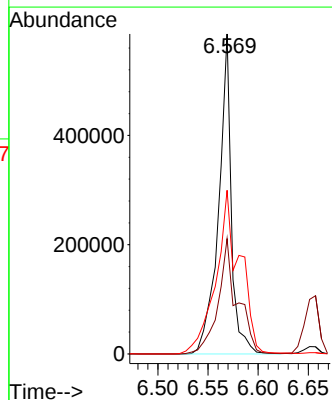
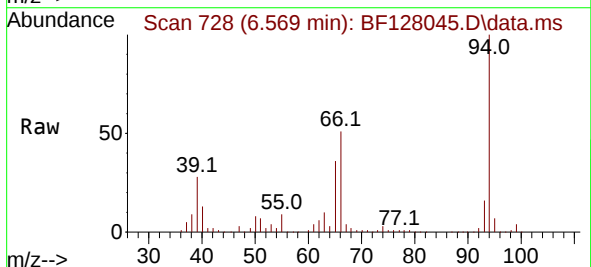
Instrument :
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Tgt Ion: 77 Resp: 256070
Ion Ratio Lower Upper
77 100
105 87.5 74.9 114.9
106 85.2 72.2 112.2



#10
Phenol
Concen: 56.866 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 94 Resp: 519180
Ion Ratio Lower Upper
94 100
65 36.0 10.6 50.6
66 51.1 22.6 62.6

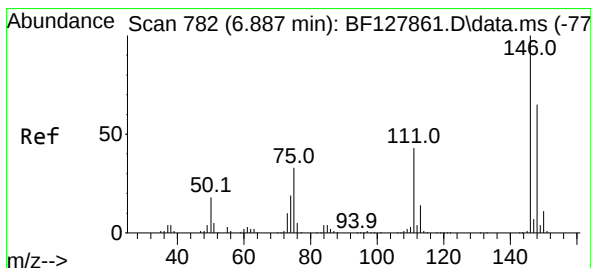
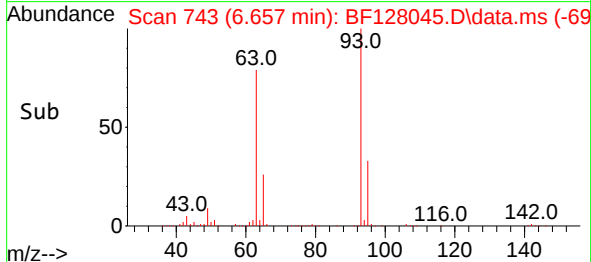
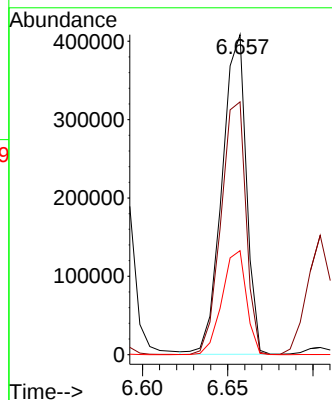
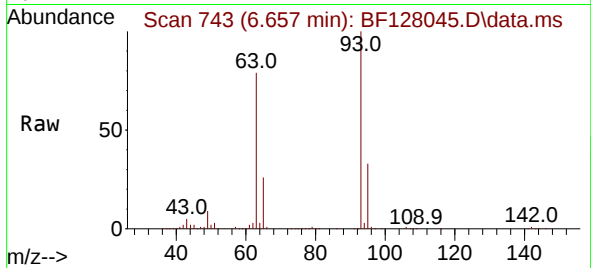




#11
bis(2-Chloroethyl)ether
Concen: 53.442 ng
RT: 6.657 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

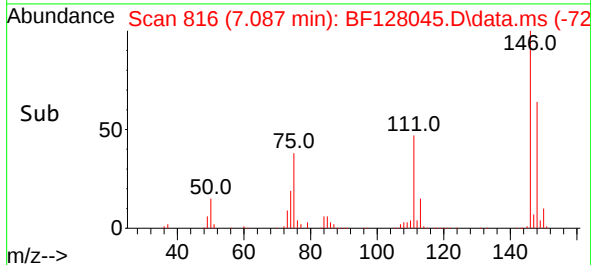
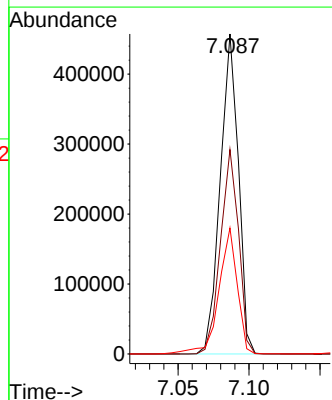
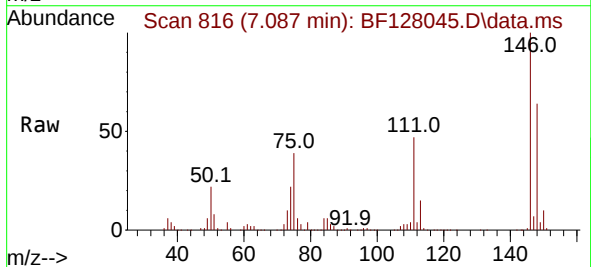
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

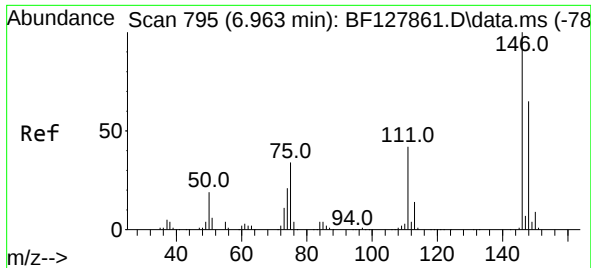
Tgt Ion: 93 Resp: 404750
Ion Ratio Lower Upper
93 100
63 79.0 58.6 98.6
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.571 ng
RT: 7.087 min Scan# 816
Delta R.T. 0.224 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:146 Resp: 404829
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
75 39.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 50.380 ng

RT: 6.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

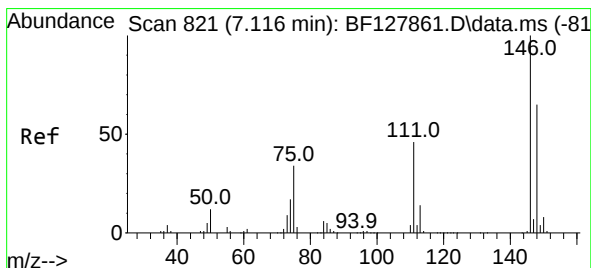
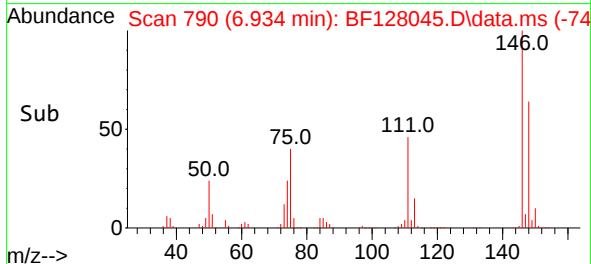
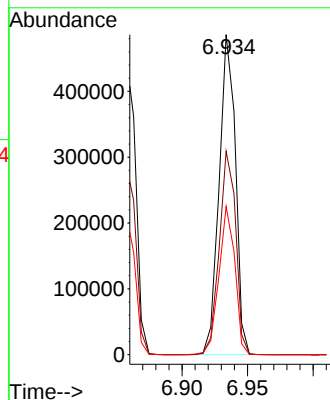
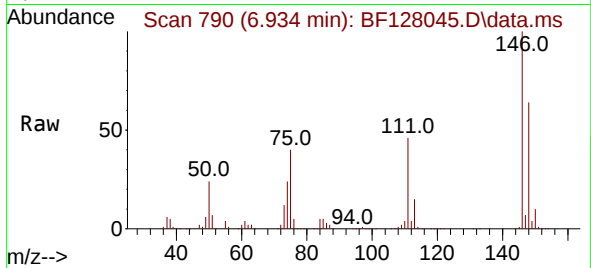
Tgt Ion:146 Resp: 419132

Ion Ratio Lower Upper

146 100

148 63.6 52.3 78.5

111 46.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 52.564 ng

RT: 7.087 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

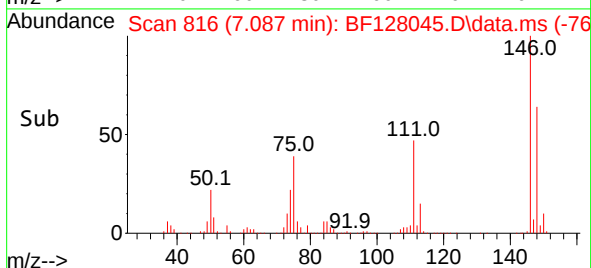
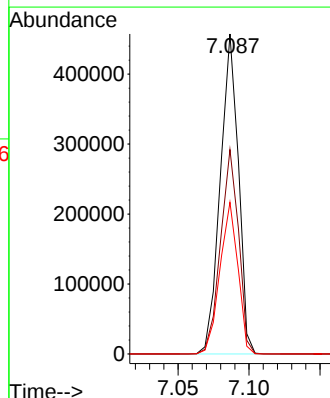
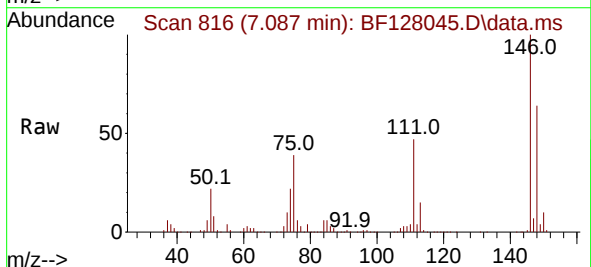
Tgt Ion:146 Resp: 404829

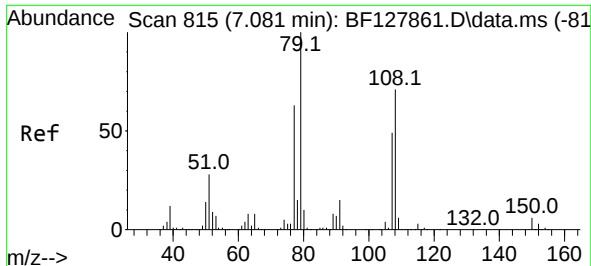
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 47.4 36.6 55.0

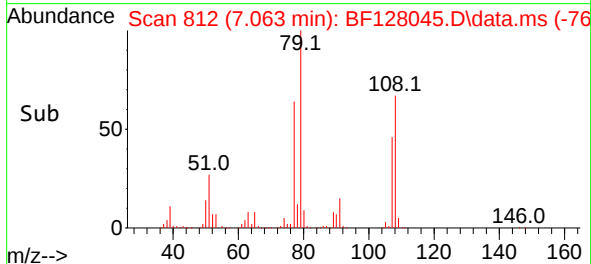
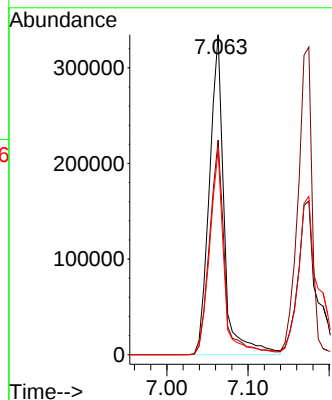
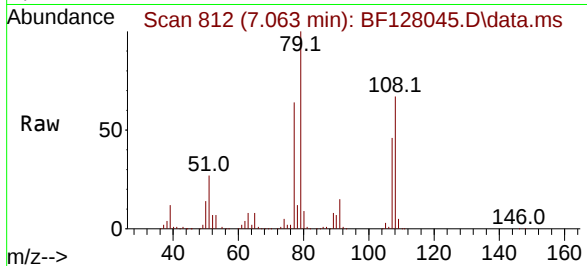




#15
Benzyl Alcohol
Concen: 68.393 ng
RT: 7.063 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

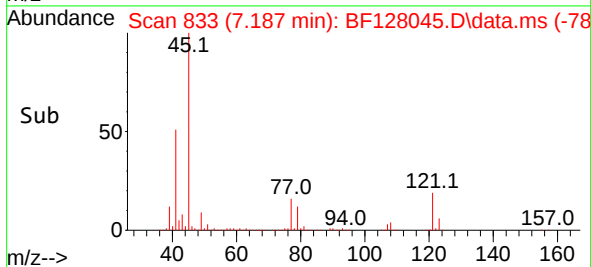
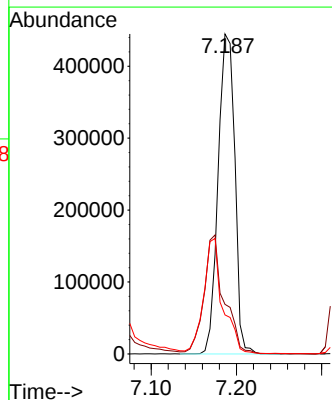
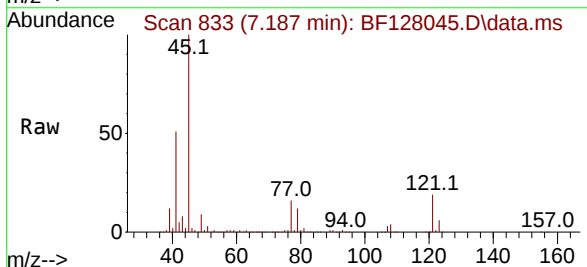
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

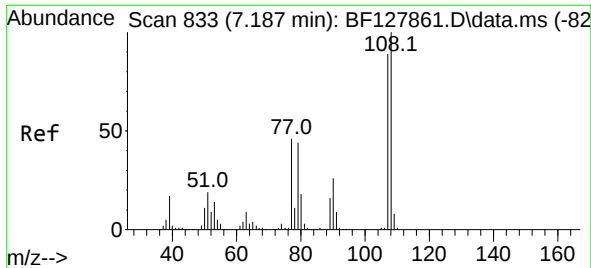
Tgt Ion: 79 Resp: 421014
Ion Ratio Lower Upper
79 100
108 67.0 57.0 85.6
77 63.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.262 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 45 Resp: 604948
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.9
79 12.2 0.0 31.6





#17

2-Methylphenol

Concen: 55.011 ng

RT: 7.175 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

Tgt Ion:107 Resp: 343671

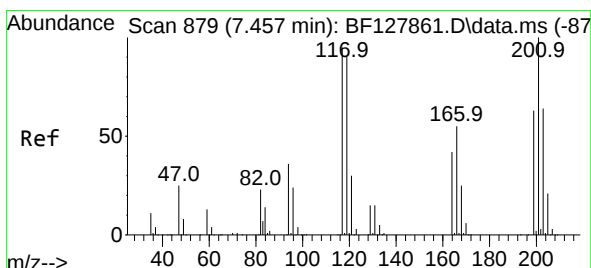
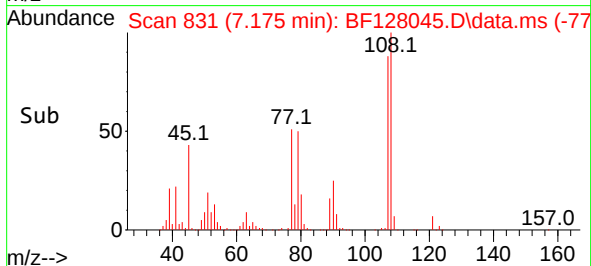
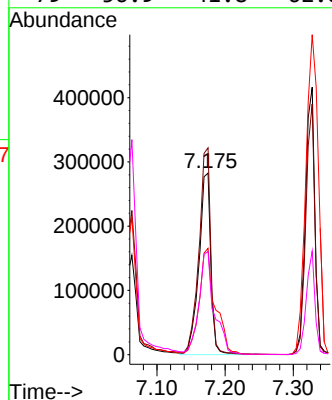
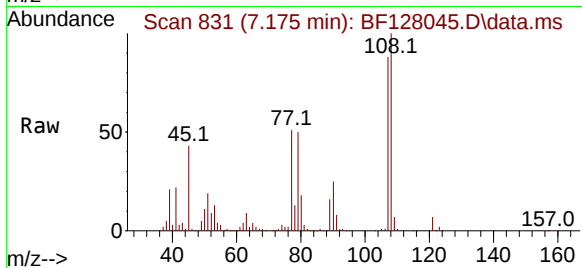
Ion Ratio Lower Upper

107 100

108 113.9 90.2 135.2

77 58.6 41.9 62.9

79 56.9 41.8 62.8



#18

Hexachloroethane

Concen: 53.792 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

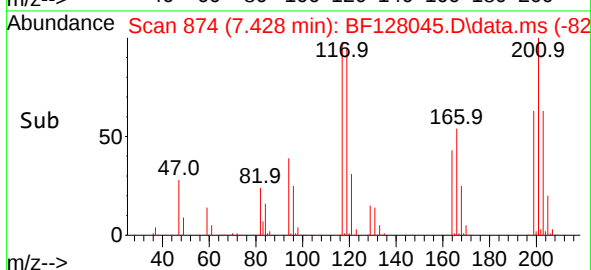
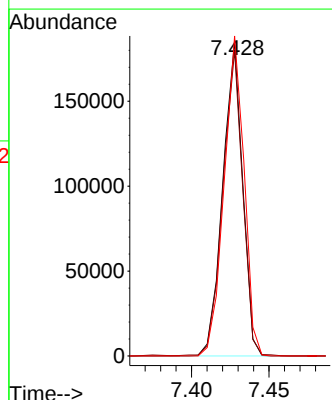
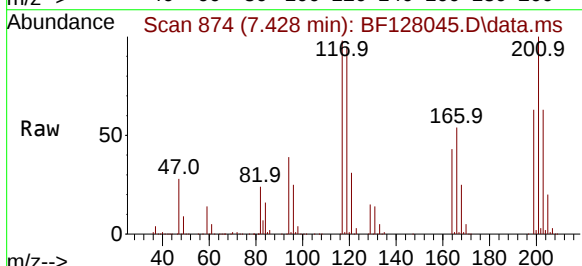
Tgt Ion:117 Resp: 164522

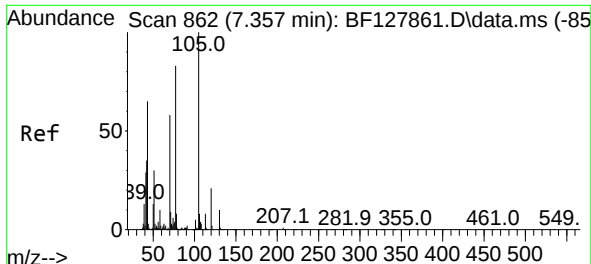
Ion Ratio Lower Upper

117 100

119 96.9 76.2 114.4

201 101.6 84.4 126.6



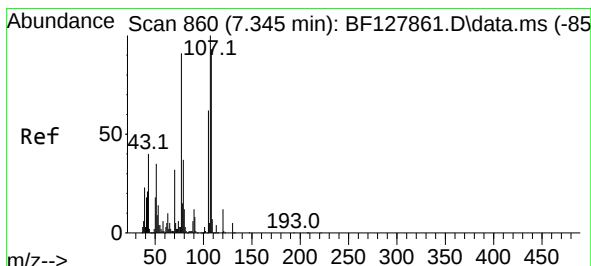
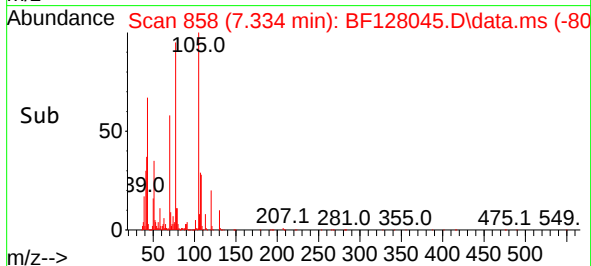
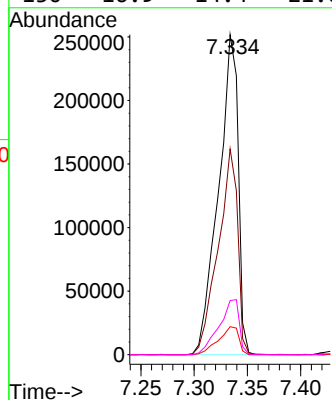
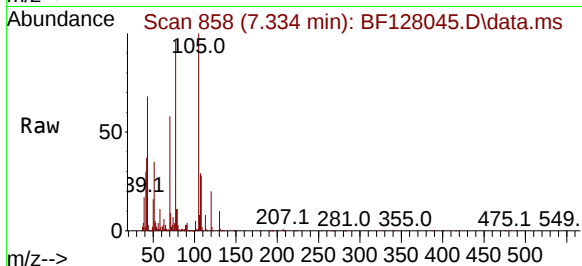


#19
n-Nitroso-di-n-propylamine
Concen: 58.203 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Instrument :
BNA_F
ClientSampleId :
TP-25MSD

Tgt Ion: 70 Resp: 322519

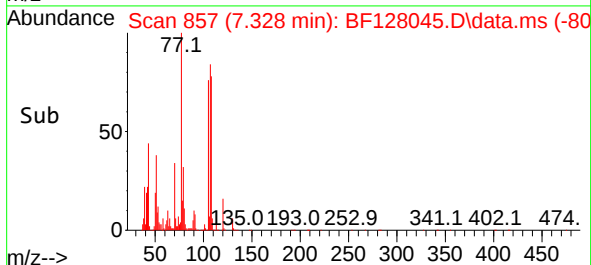
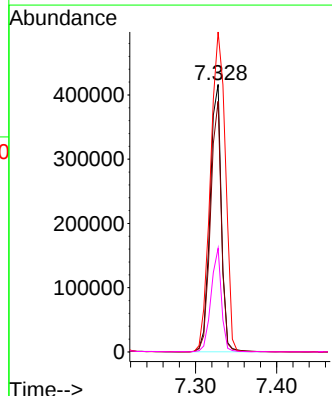
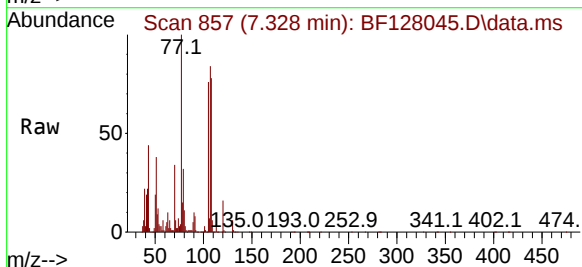
Ion	Ratio	Lower	Upper
70	100		
42	64.3	48.7	73.1
101	8.7	7.2	10.8
130	16.9	14.4	21.6

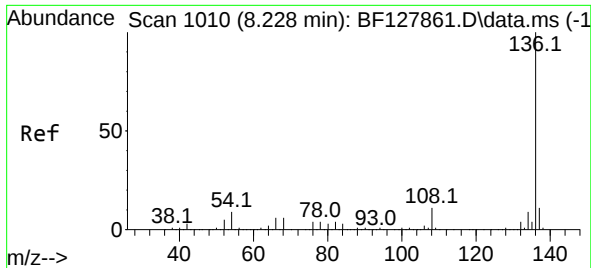


#20
3+4-Methylphenols
Concen: 53.037 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 107 Resp: 400262

Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.4	113.4
77	119.6	71.1	111.1#
79	38.7	17.1	57.1



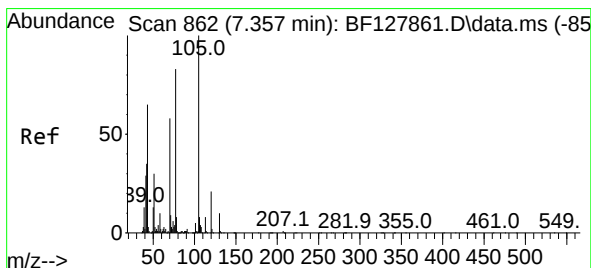
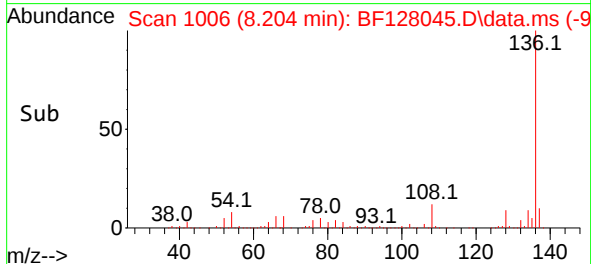
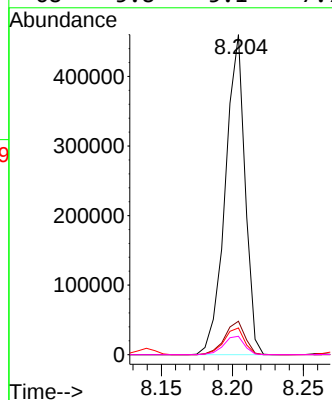
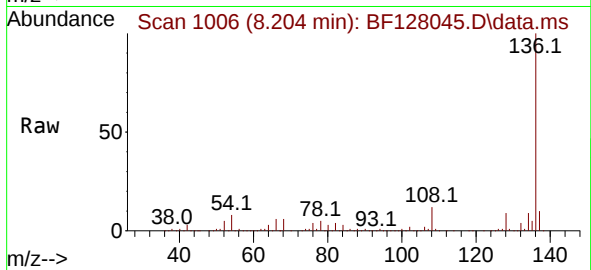


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Instrument :
BNA_F
ClientSampleId :
TP-25MSD

Tgt Ion:136 Resp: 442877

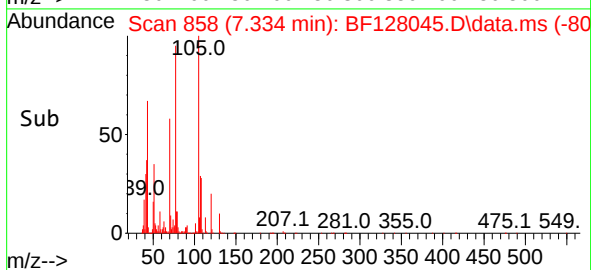
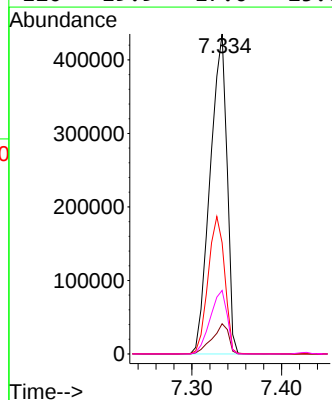
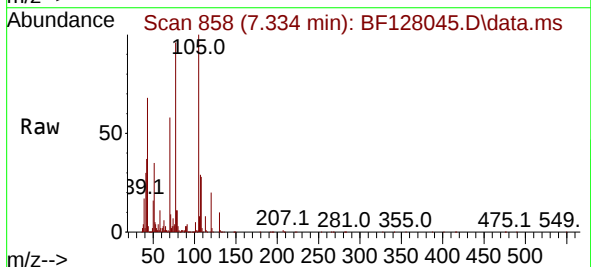
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.4	6.8	10.2
68	5.8	5.1	7.7

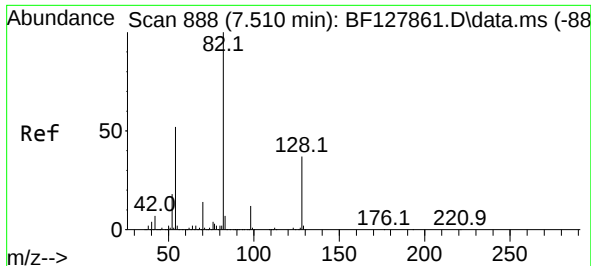


#22
Acetophenone
Concen: 52.311 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:105 Resp: 564659

Ion	Ratio	Lower	Upper
105	100		
71	9.5	7.3	10.9
51	34.7	23.7	35.5
120	19.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 94.177 ng

RT: 7.487 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

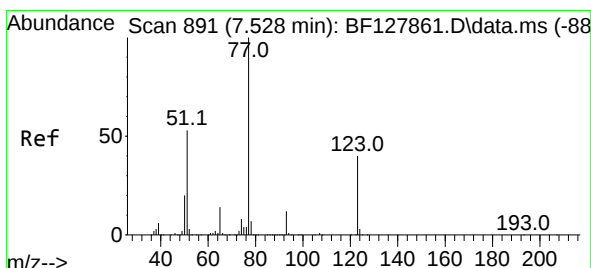
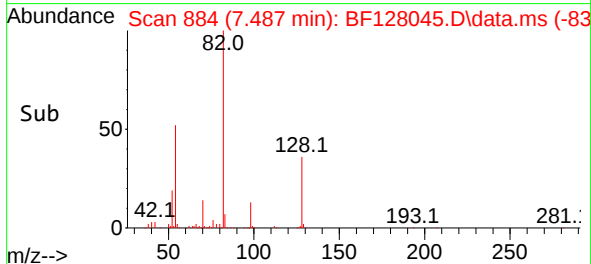
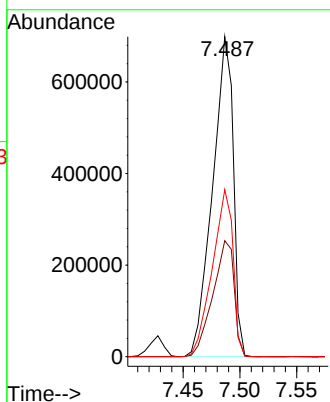
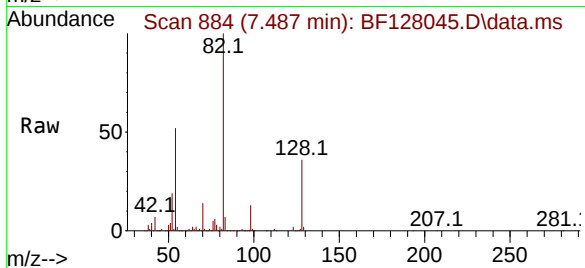
Tgt Ion: 82 Resp: 886962

Ion Ratio Lower Upper

82 100

128 36.3 30.0 45.0

54 52.2 41.3 61.9



#24

Nitrobenzene

Concen: 54.750 ng

RT: 7.504 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

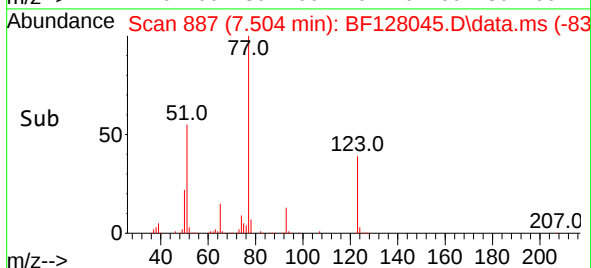
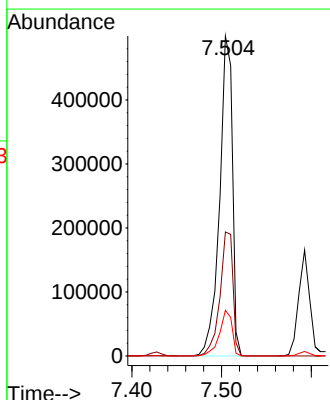
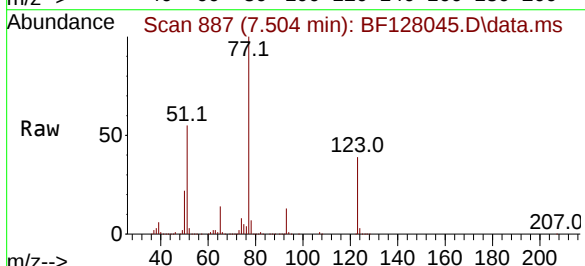
Tgt Ion: 77 Resp: 496875

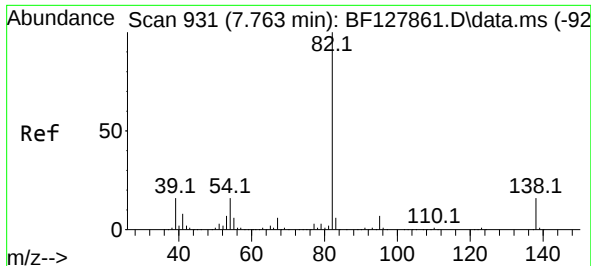
Ion Ratio Lower Upper

77 100

123 38.7 32.0 48.0

65 14.3 11.0 16.6

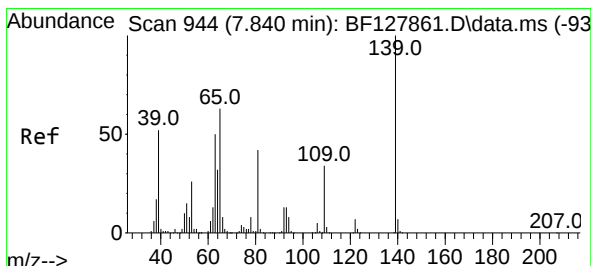
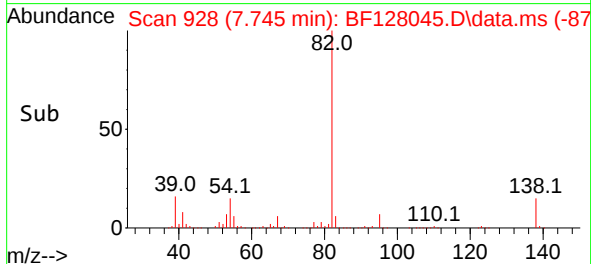
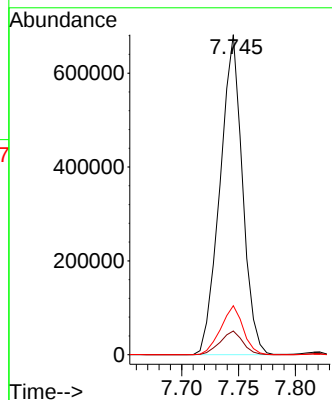
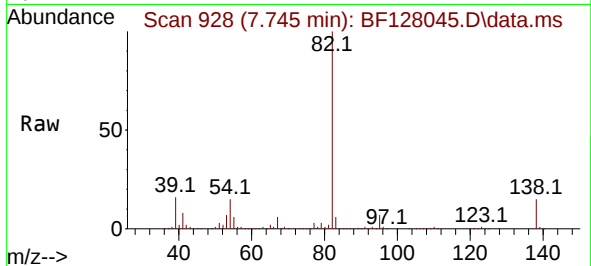




#25
Isophorone
Concen: 59.128 ng
RT: 7.745 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

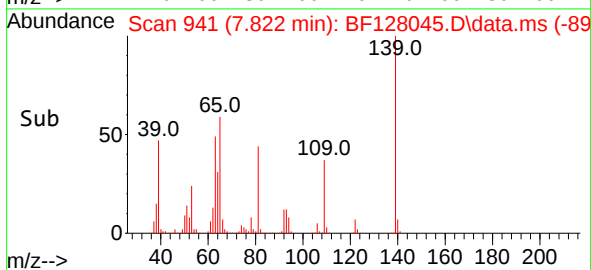
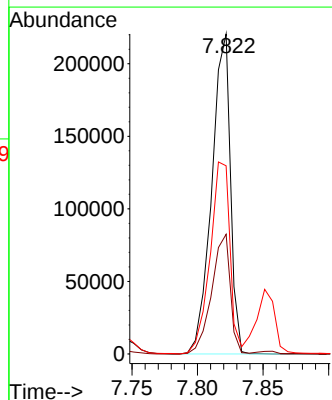
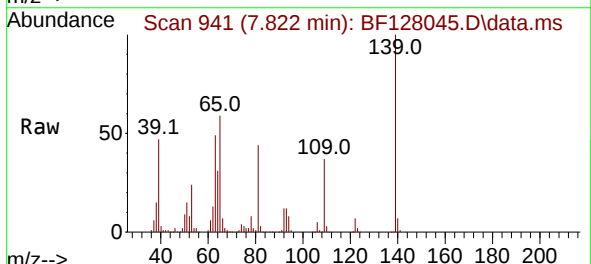
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

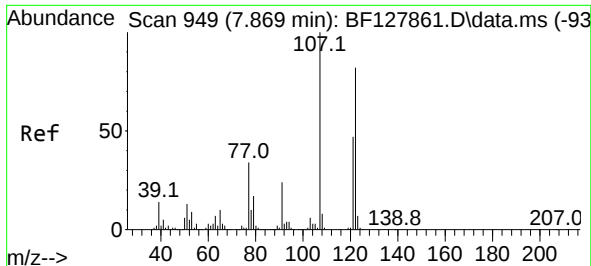
Tgt Ion: 82 Resp: 937254
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 15.3 12.5 18.7



#26
2-Nitrophenol
Concen: 56.474 ng
RT: 7.822 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 139 Resp: 218397
Ion Ratio Lower Upper
139 100
109 37.4 27.4 41.2
65 58.8 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 59.507 ng

RT: 7.851 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

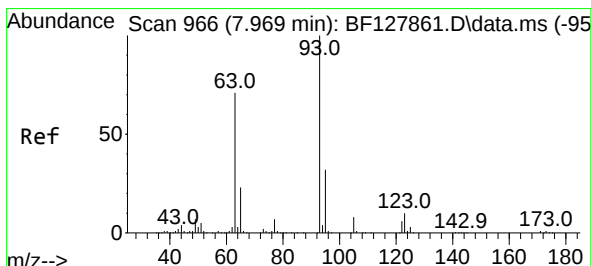
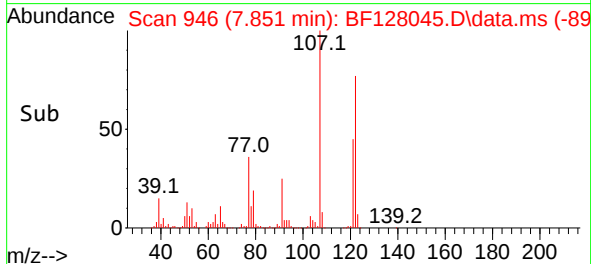
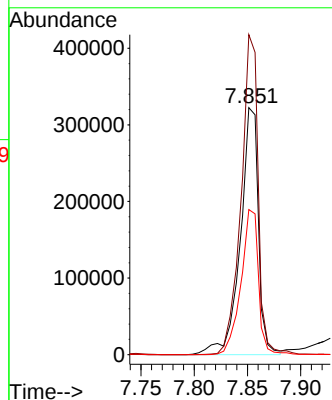
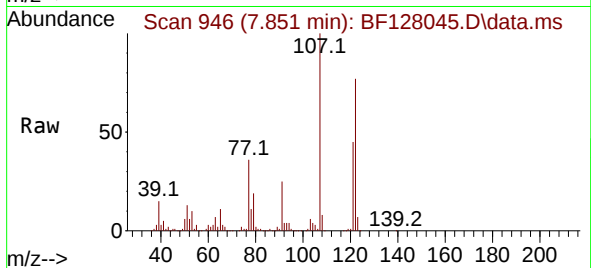
Tgt Ion:122 Resp: 382238

Ion Ratio Lower Upper

122 100

107 129.6 97.5 146.3

121 58.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.992 ng

RT: 7.951 min Scan# 963

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

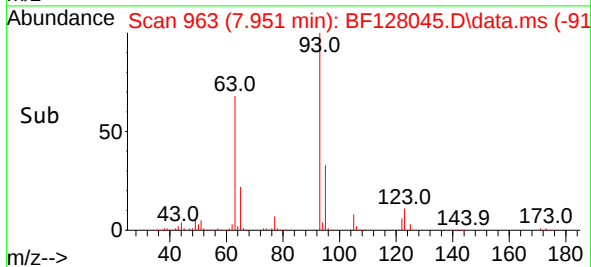
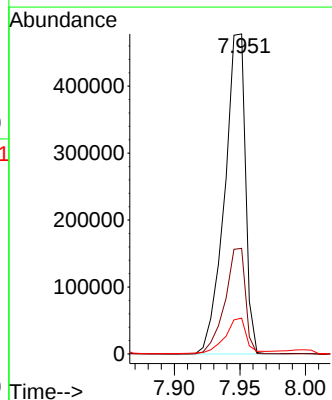
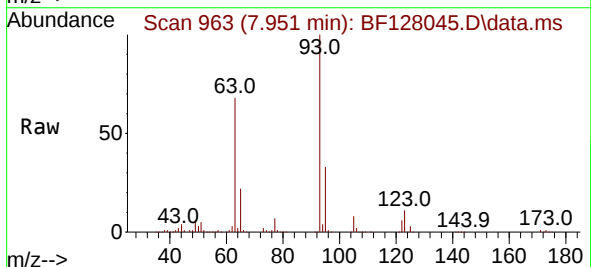
Tgt Ion: 93 Resp: 528178

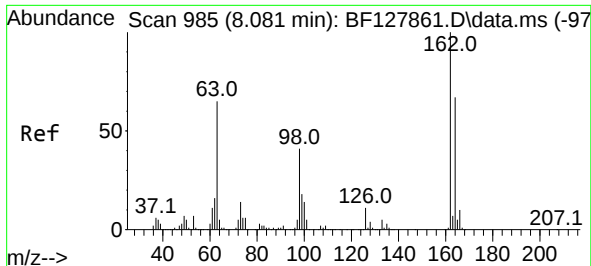
Ion Ratio Lower Upper

93 100

95 33.0 25.7 38.5

123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 52.641 ng

RT: 8.063 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

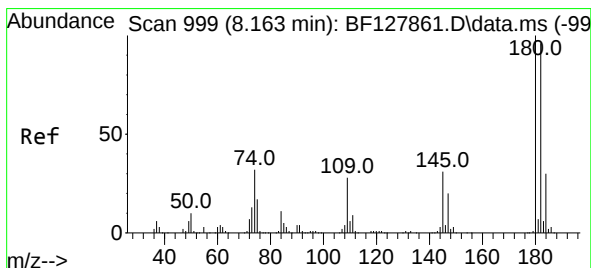
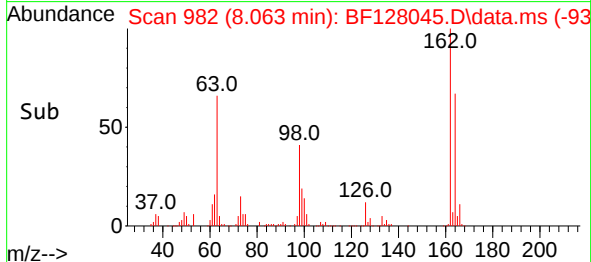
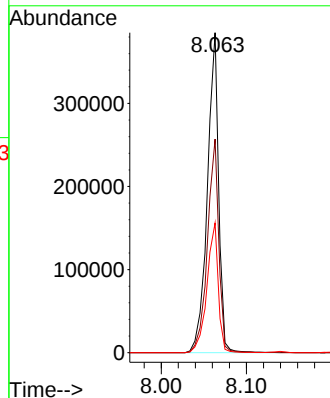
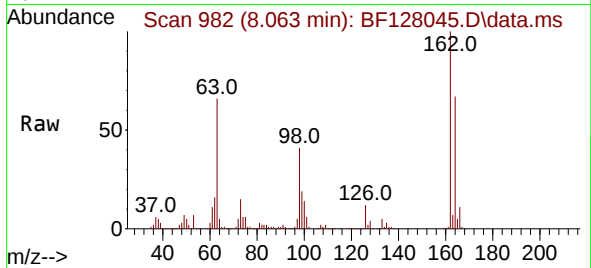
Tgt Ion:162 Resp: 354243

Ion Ratio Lower Upper

162 100

164 66.7 47.1 87.1

98 40.6 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 49.618 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

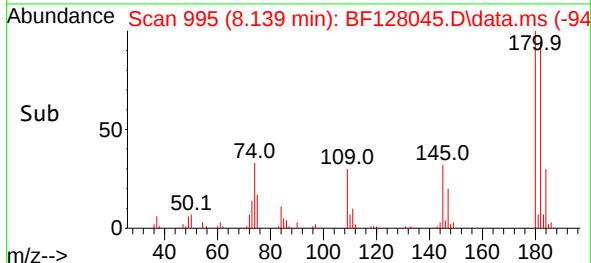
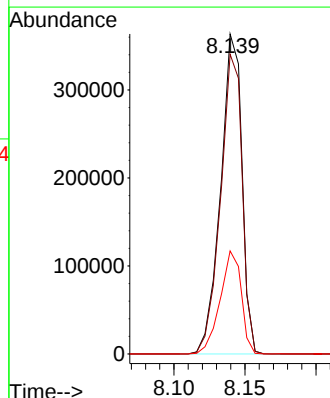
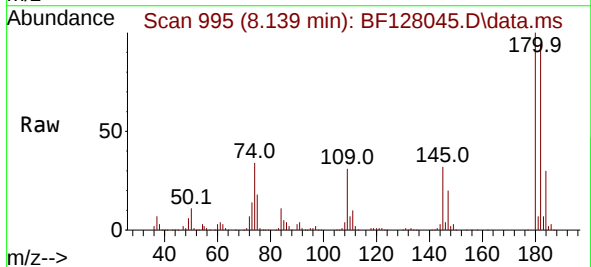
Tgt Ion:180 Resp: 379281

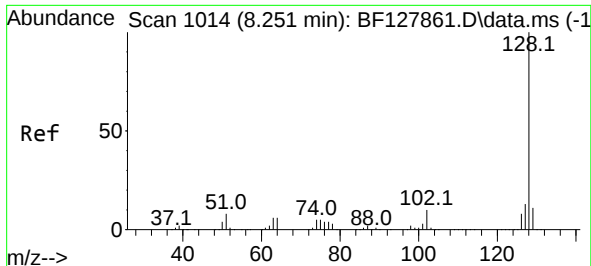
Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

145 32.2 25.1 37.7

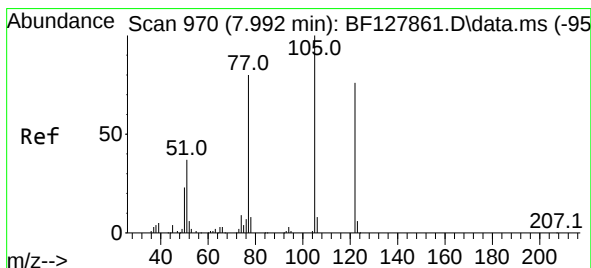
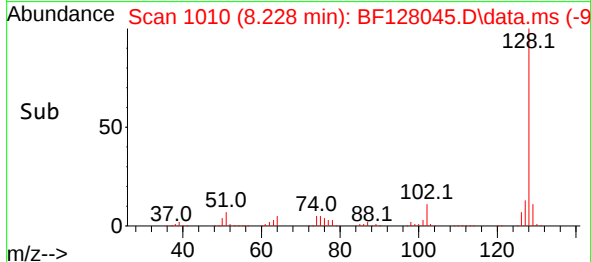
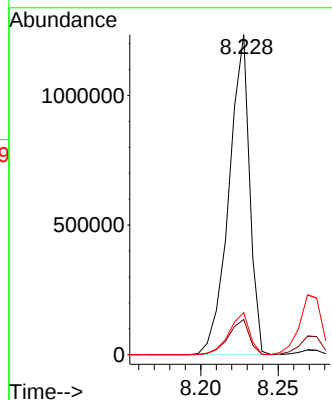
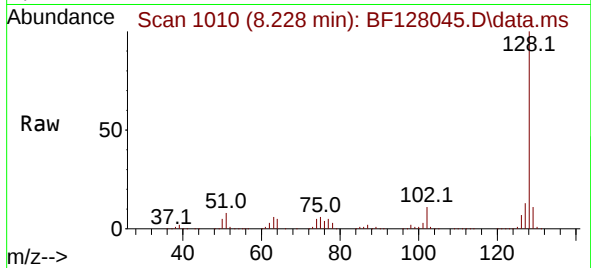




#31
Naphthalene
Concen: 50.651 ng
RT: 8.228 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

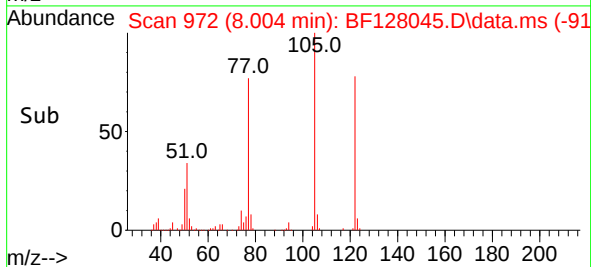
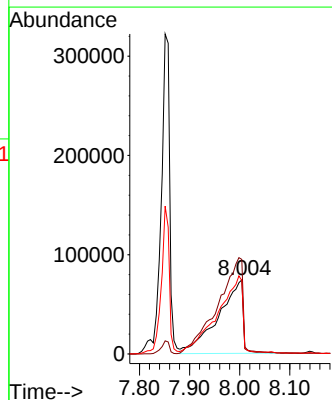
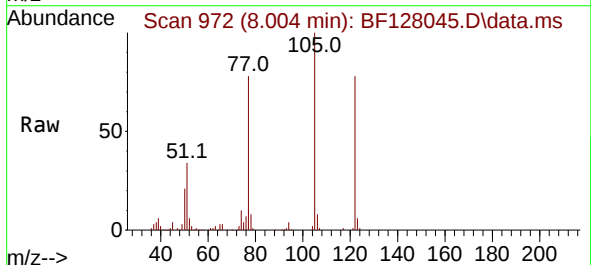
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

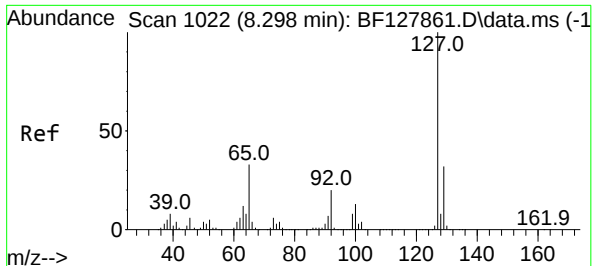
Tgt Ion:128 Resp: 1142520
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 55.138 ng
RT: 8.004 min Scan# 972
Delta R.T. 0.024 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:122 Resp: 253860
Ion Ratio Lower Upper
122 100
105 127.8 107.9 147.9
77 99.2 82.5 122.5

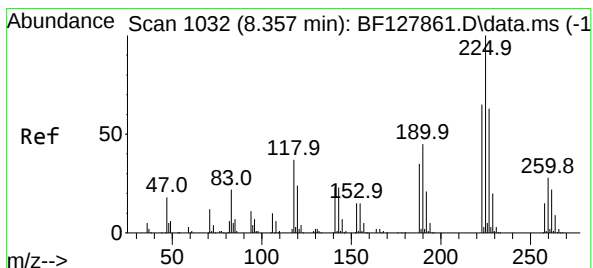
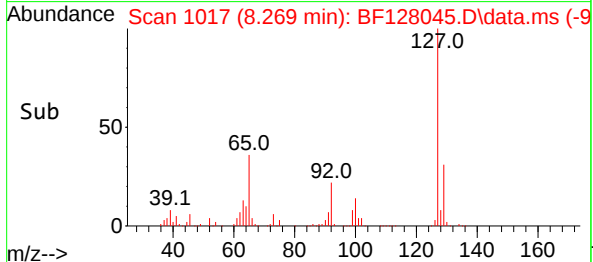
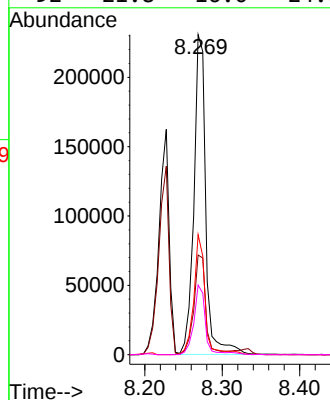
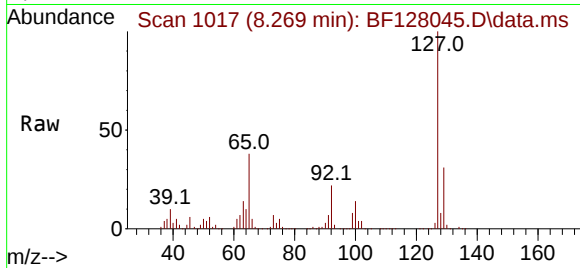




#33
4-Chloroaniline
Concen: 27.668 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

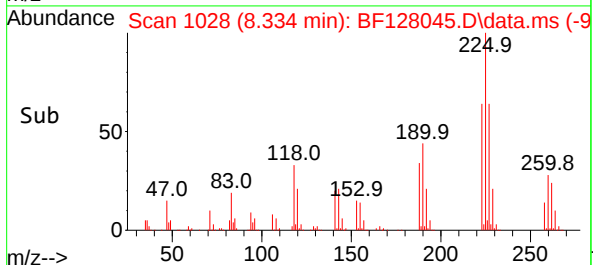
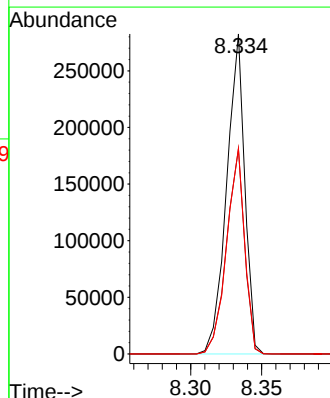
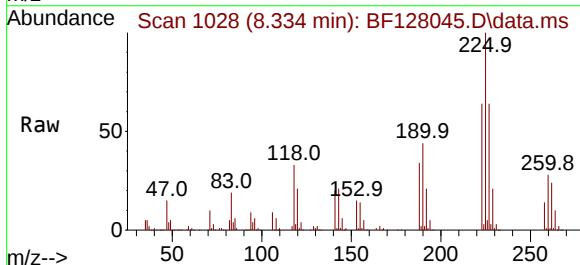
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

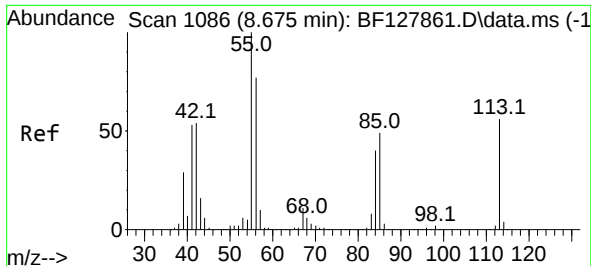
Tgt Ion:	127	Resp:	246931
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	37.5	26.7	40.1
92	21.8	16.0	24.0



#34
Hexachlorobutadiene
Concen: 51.881 ng
RT: 8.334 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:	225	Resp:	249795
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.0	78.0
227	64.2	50.7	76.1

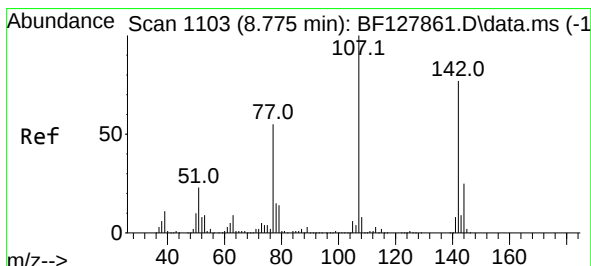
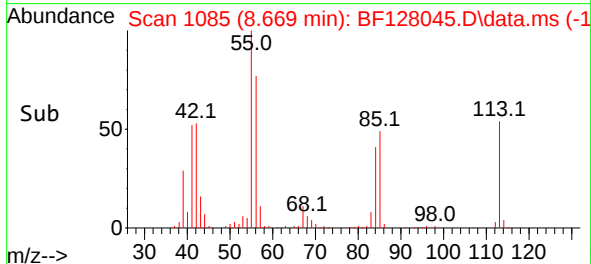
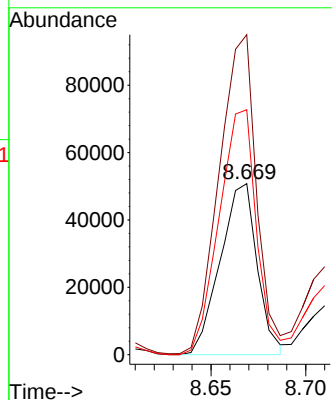
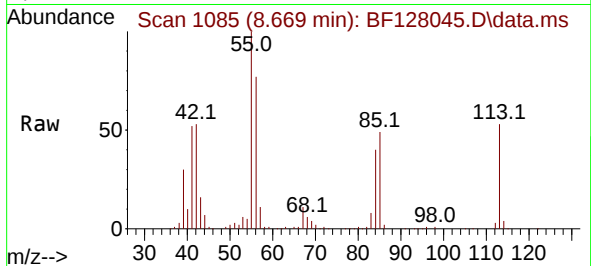




#35
 Caprolactam
 Concen: 31.692 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF128045.D
 Acq: 03 May 2022 14:55

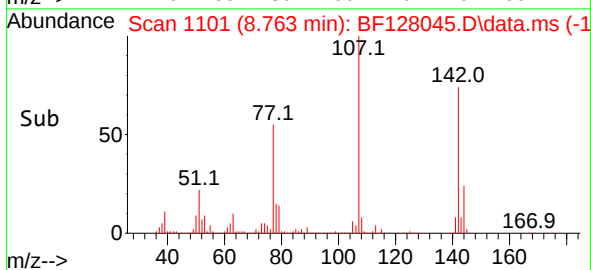
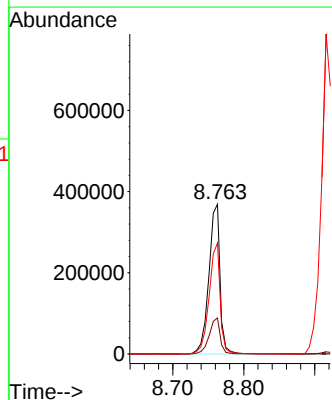
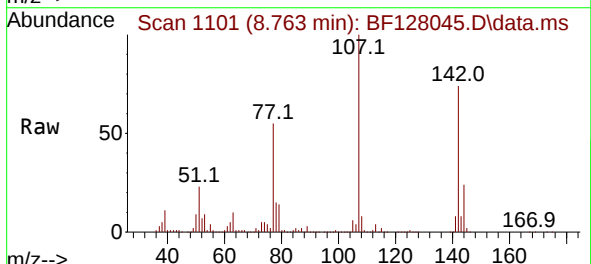
Instrument :
 BNA_F
 ClientSampleId :
 TP-25MSD

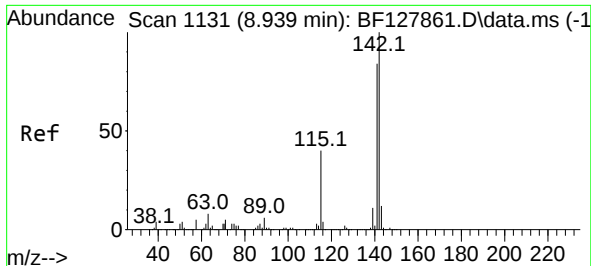
Tgt Ion:113 Resp: 68842
 Ion Ratio Lower Upper
 113 100
 55 187.1 157.4 197.4
 56 143.2 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 56.268 ng
 RT: 8.763 min Scan# 1101
 Delta R.T. 0.006 min
 Lab File: BF128045.D
 Acq: 03 May 2022 14:55

Tgt Ion:107 Resp: 404393
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.2 30.4
 142 74.1 61.5 92.3





#37

2-Methylnaphthalene

Concen: 52.739 ng

RT: 8.916 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

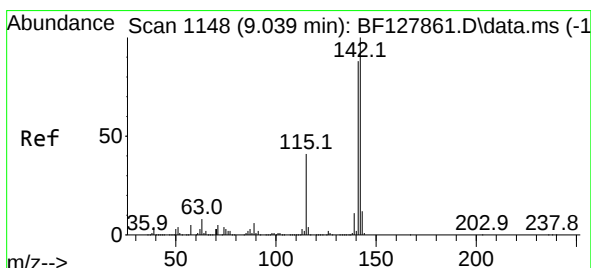
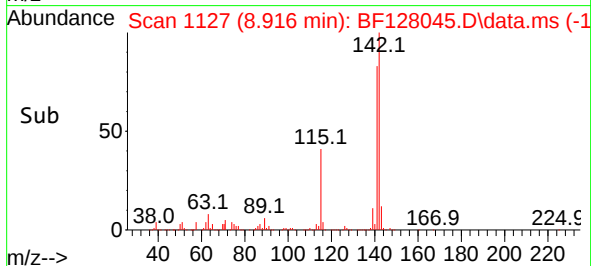
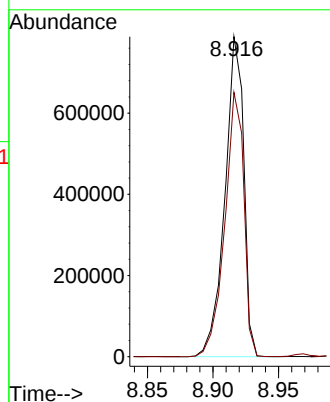
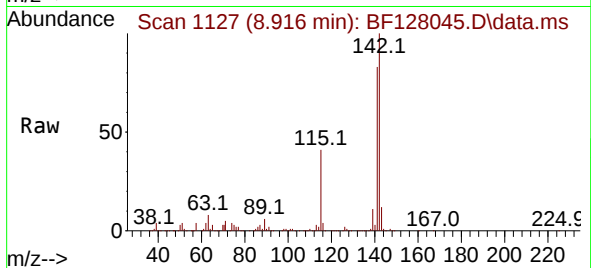
TP-25MSD

Tgt Ion:142 Resp: 786201

Ion Ratio Lower Upper

142 100

141 82.6 67.4 101.2



#38

1-Methylnaphthalene

Concen: 52.154 ng

RT: 9.016 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF128045.D

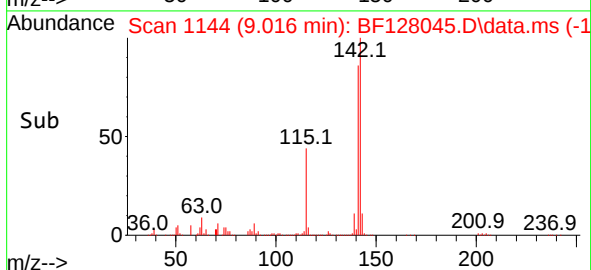
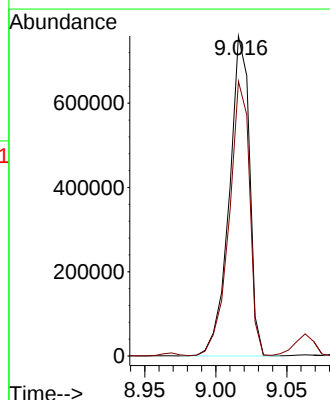
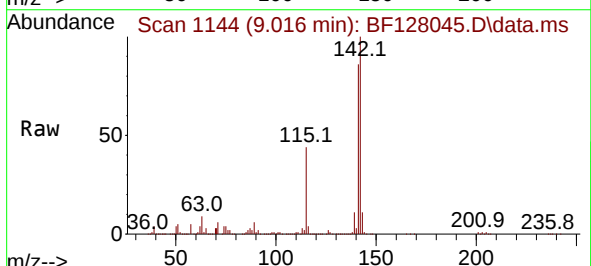
Acq: 03 May 2022 14:55

Tgt Ion:142 Resp: 755698

Ion Ratio Lower Upper

142 100

141 85.9 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

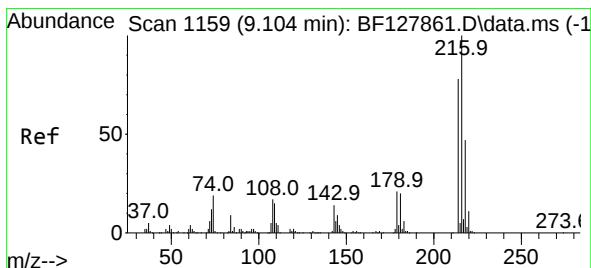
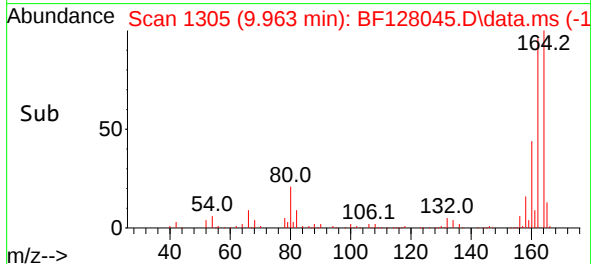
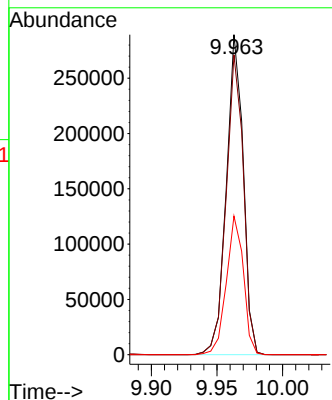
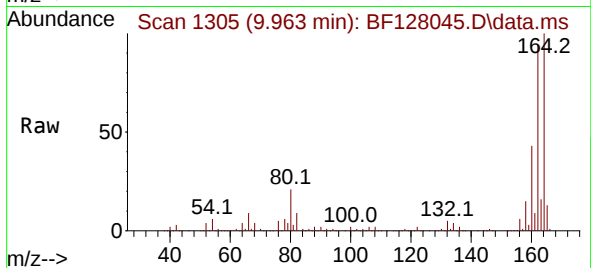
Tgt Ion:164 Resp: 259620

Ion Ratio Lower Upper

164 100

162 93.7 76.0 114.0

160 43.3 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.254 ng

RT: 9.086 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Tgt Ion:216 Resp: 392208

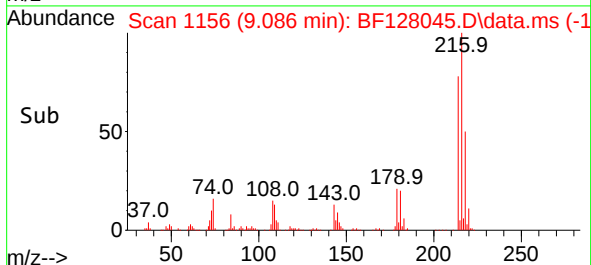
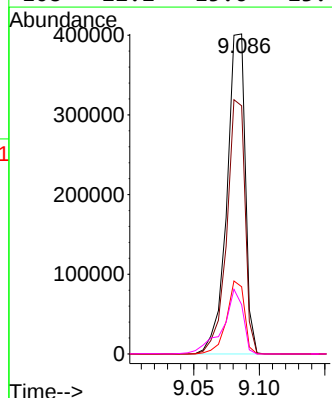
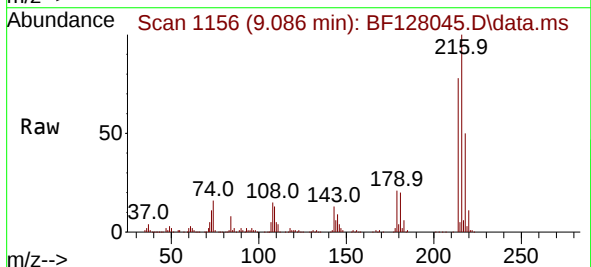
Ion Ratio Lower Upper

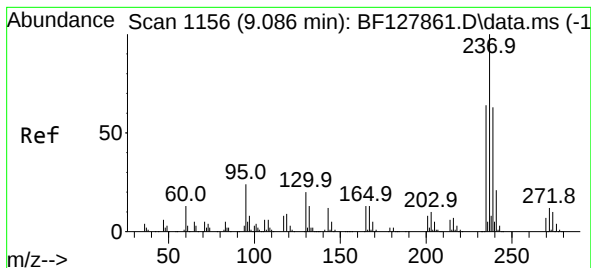
216 100

214 78.3 62.6 94.0

179 21.9 16.9 25.3

108 22.2 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 104.894 ng

RT: 9.063 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

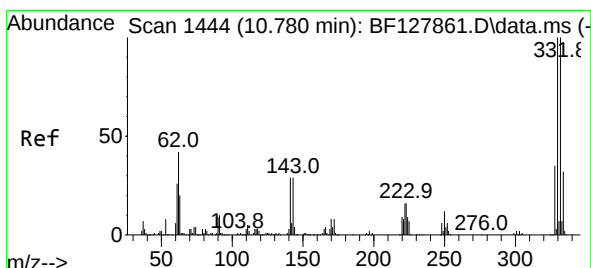
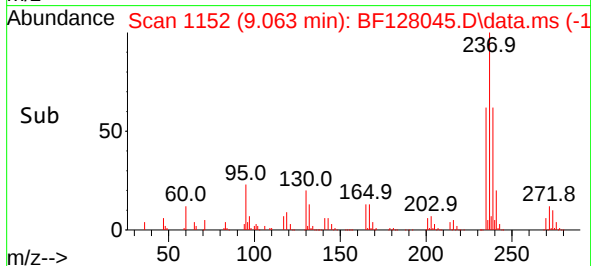
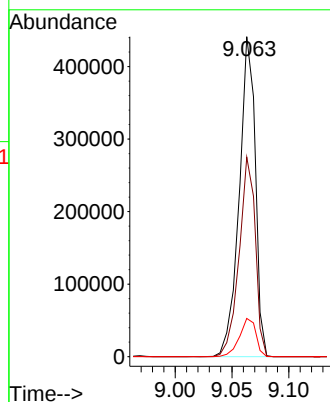
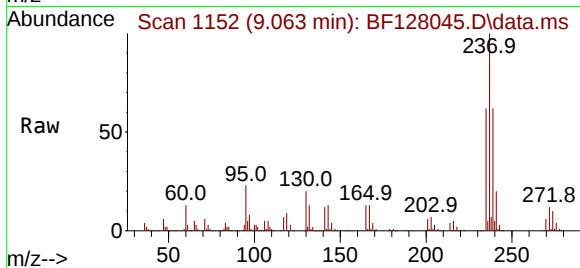
Tgt Ion:237 Resp: 434886

Ion Ratio Lower Upper

237 100

235 62.4 43.6 83.6

272 12.0 0.0 32.1



#42

2,4,6-Tribromophenol

Concen: 147.335 ng

RT: 10.763 min Scan# 1441

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

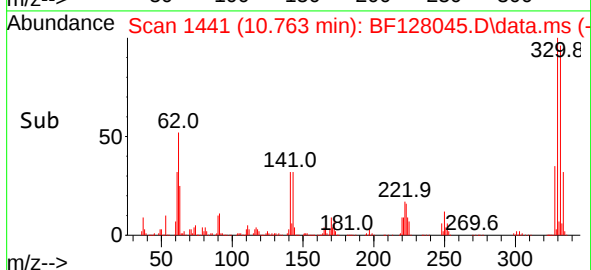
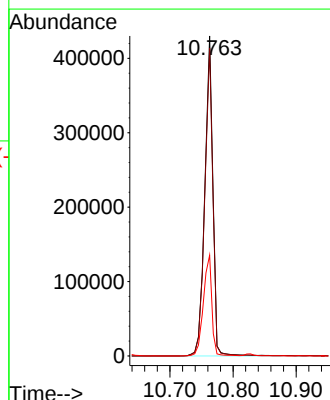
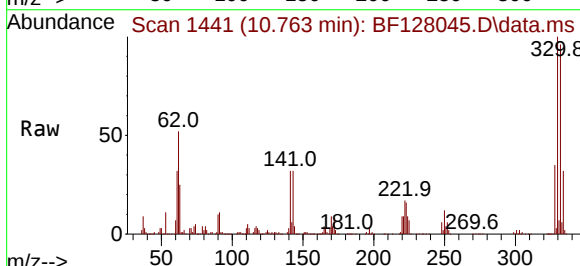
Tgt Ion:330 Resp: 385062

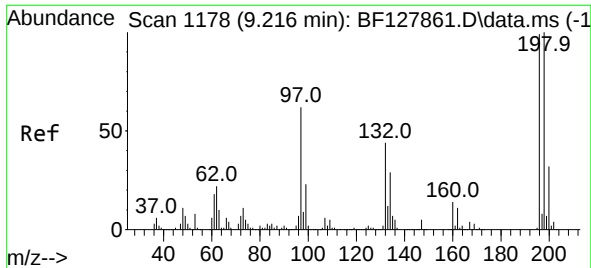
Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.1 28.9 43.3

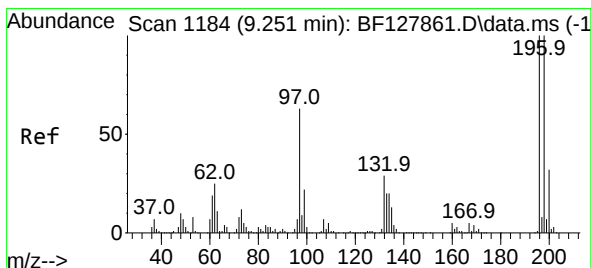
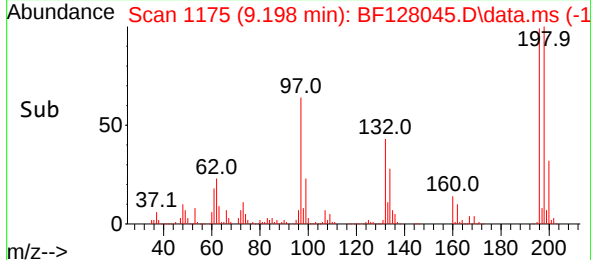
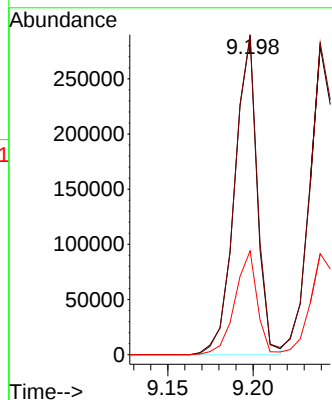
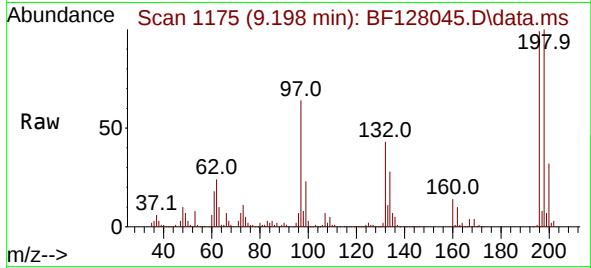




#43
2,4,6-Trichlorophenol
Concen: 52.591 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

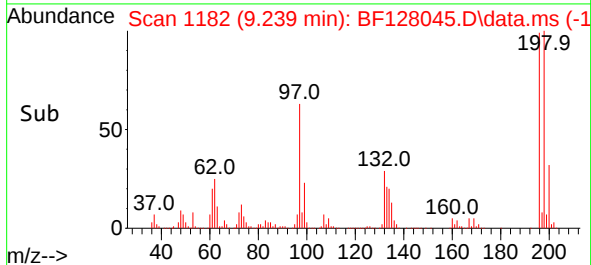
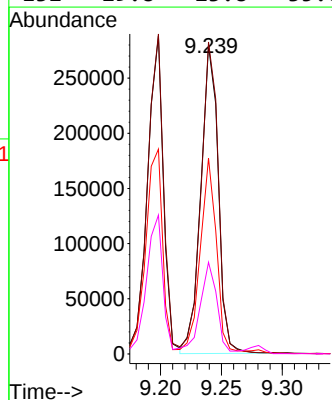
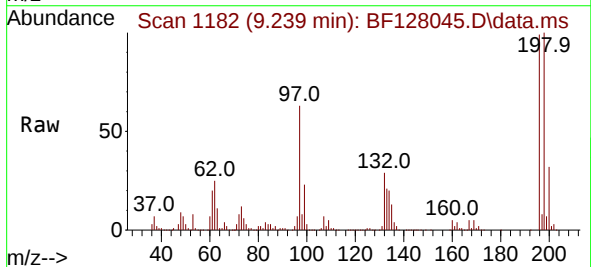
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

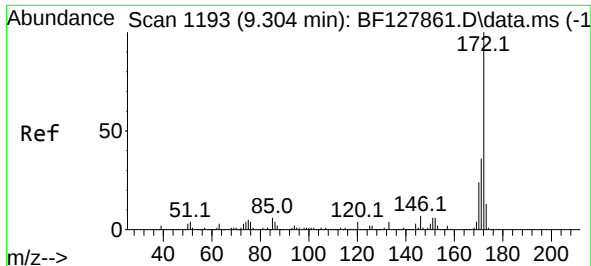
Tgt Ion:196 Resp: 264805
Ion Ratio Lower Upper
196 100
198 100.6 80.4 120.6
200 32.6 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 50.788 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:196 Resp: 277997
Ion Ratio Lower Upper
196 100
198 101.3 80.2 120.2
97 63.5 50.3 75.5
132 29.8 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 90.514 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

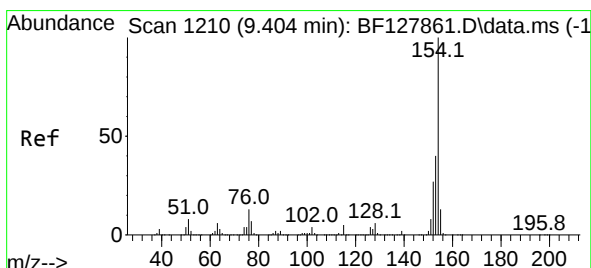
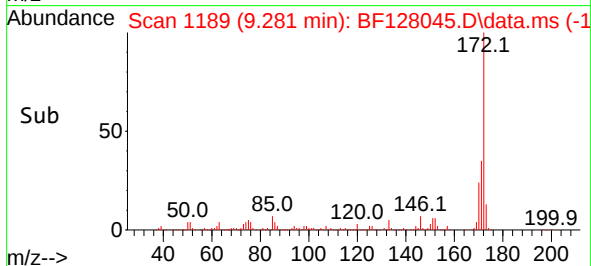
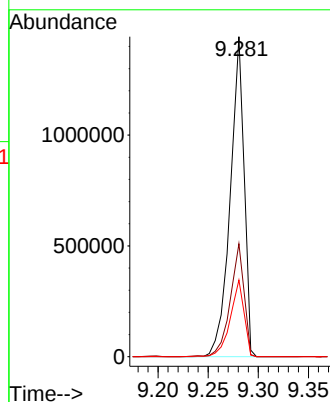
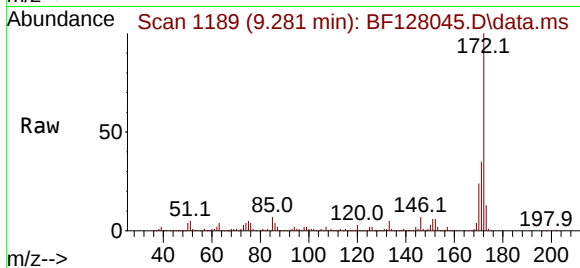
Tgt Ion:172 Resp: 1389052

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 51.152 ng

RT: 9.386 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

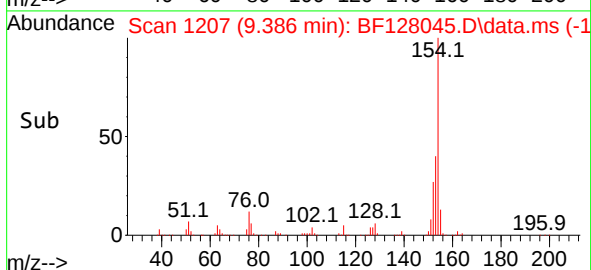
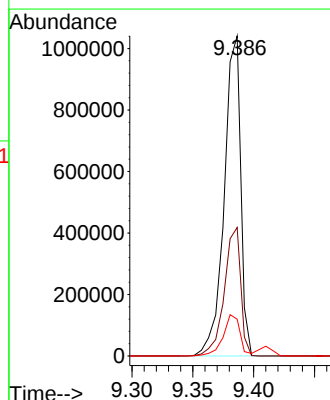
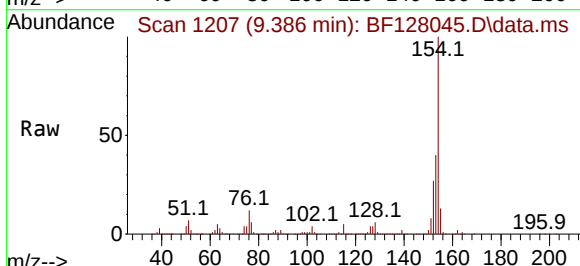
Tgt Ion:154 Resp: 983711

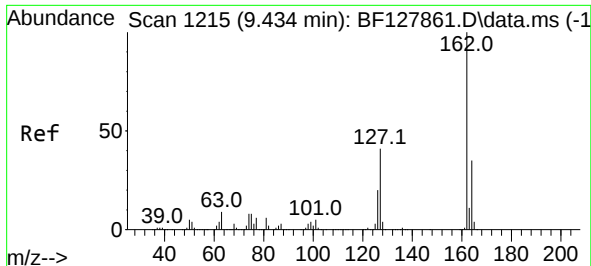
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.5 0.0 33.2





#47

2-Chloronaphthalene

Concen: 49.773 ng

RT: 9.410 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

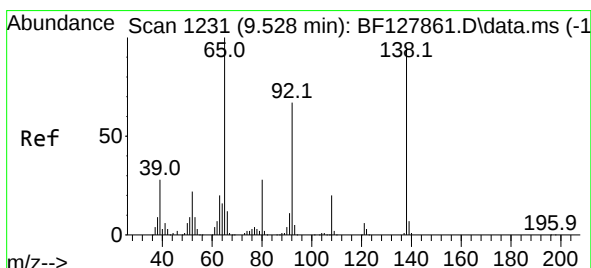
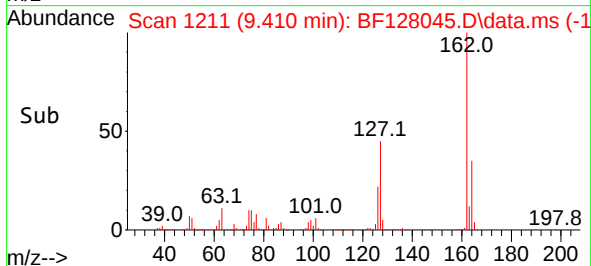
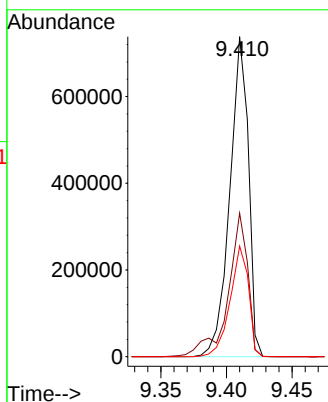
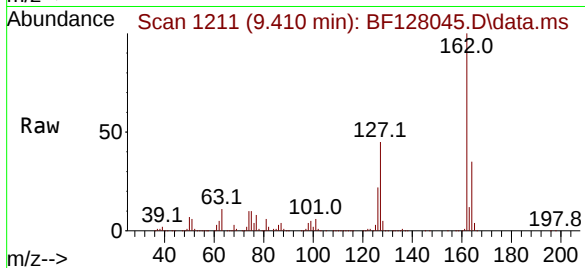
Tgt Ion:162 Resp: 728686

Ion Ratio Lower Upper

162 100

127 44.9 32.9 49.3

164 34.6 28.2 42.2



#48

2-Nitroaniline

Concen: 55.688 ng

RT: 9.510 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

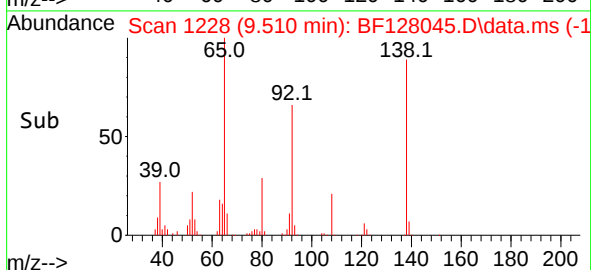
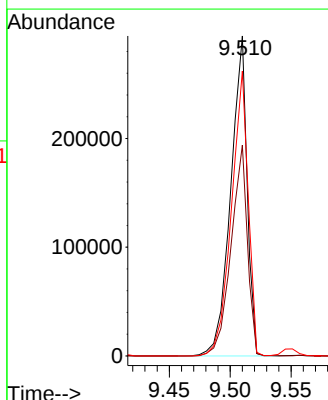
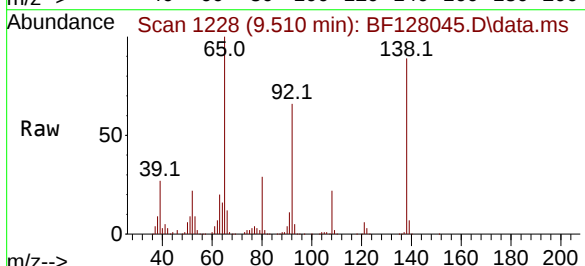
Tgt Ion: 65 Resp: 275778

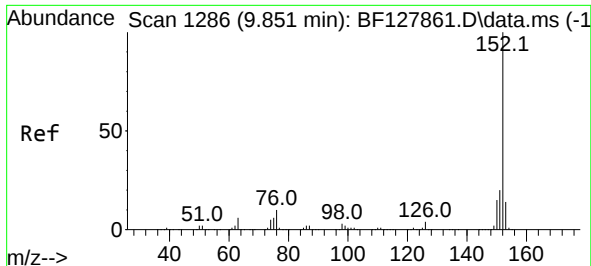
Ion Ratio Lower Upper

65 100

92 65.9 53.7 80.5

138 89.1 76.4 114.6





#49

Acenaphthylene

Concen: 52.537 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

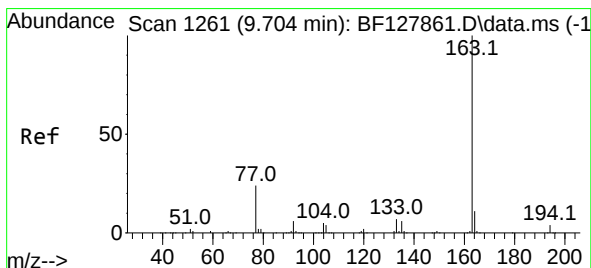
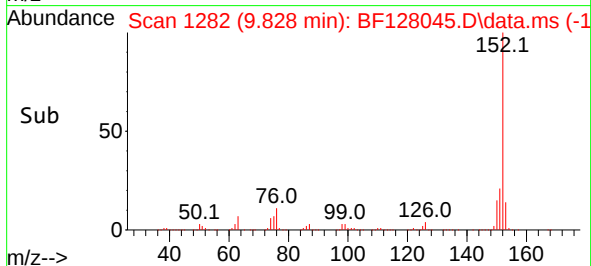
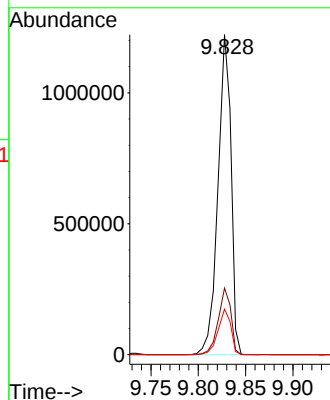
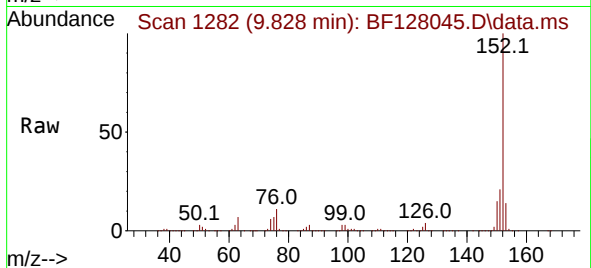
Tgt Ion:152 Resp: 1176539

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

153 14.3 11.2 16.8



#50

Dimethylphthalate

Concen: 53.048 ng

RT: 9.686 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

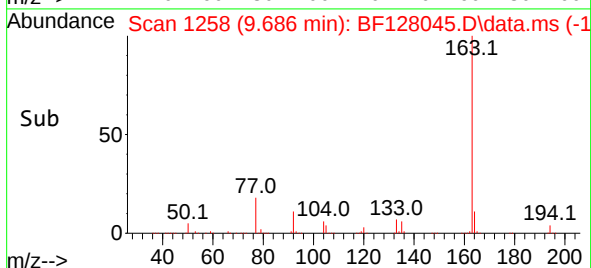
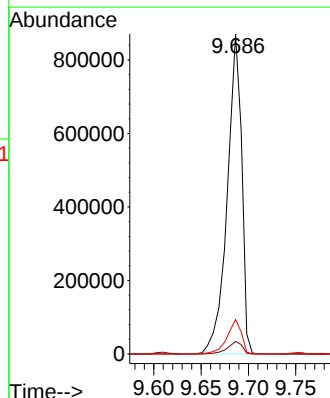
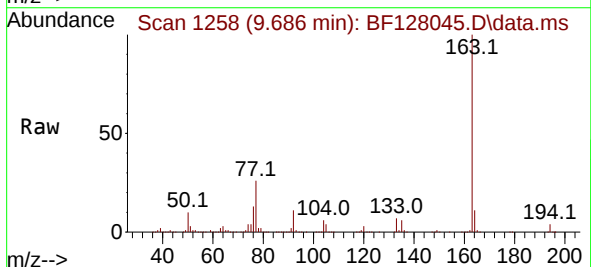
Tgt Ion:163 Resp: 923652

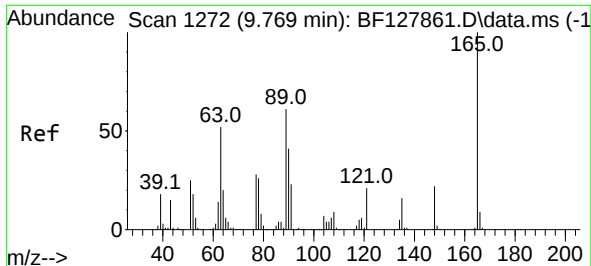
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.8 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 56.161 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

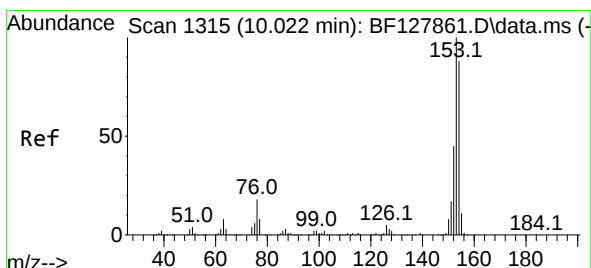
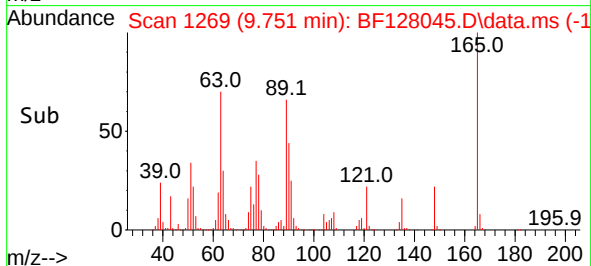
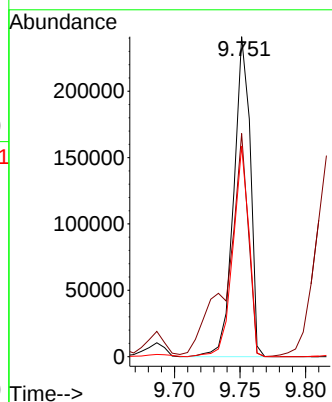
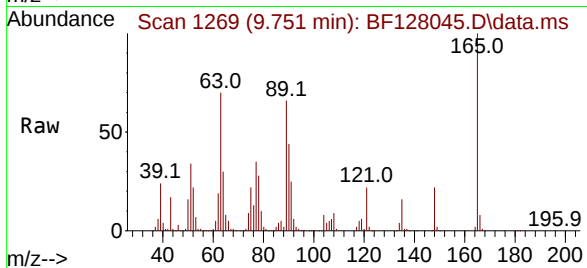
Tgt Ion:165 Resp: 211714

Ion Ratio Lower Upper

165 100

63 69.7 49.5 74.3

89 65.9 49.0 73.4



#52

Acenaphthene

Concen: 46.948 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

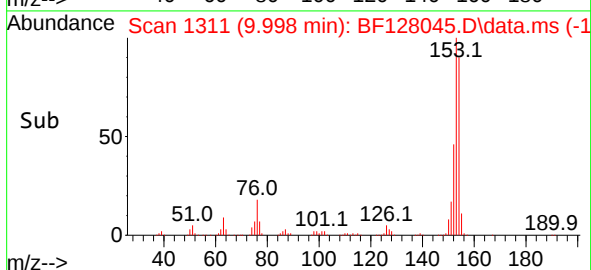
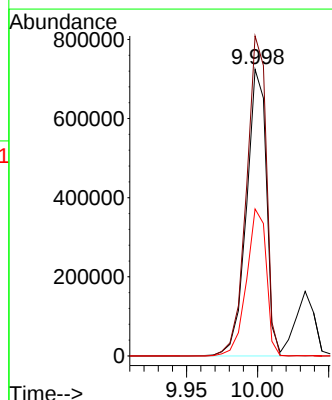
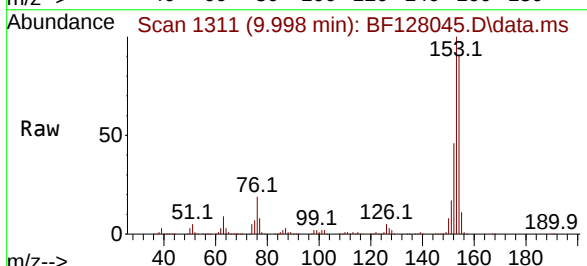
Tgt Ion:154 Resp: 706848

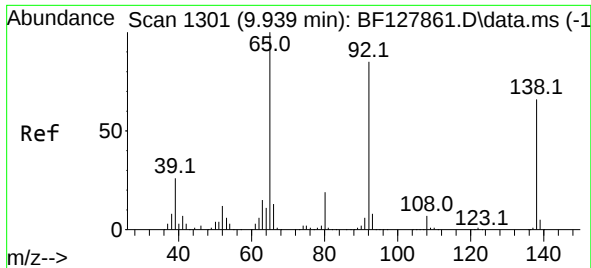
Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

152 51.3 41.0 61.6

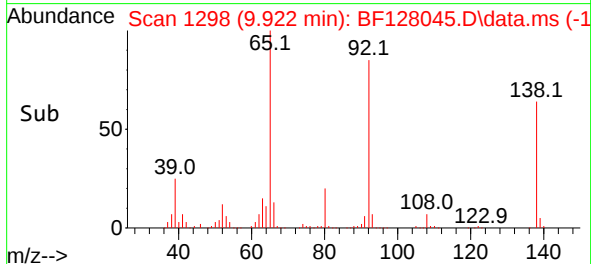
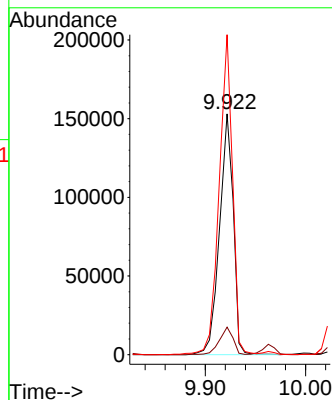
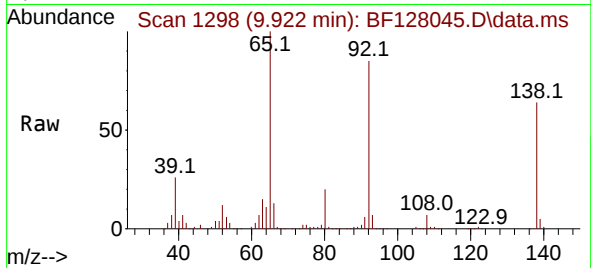




#53
3-Nitroaniline
Concen: 34.751 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

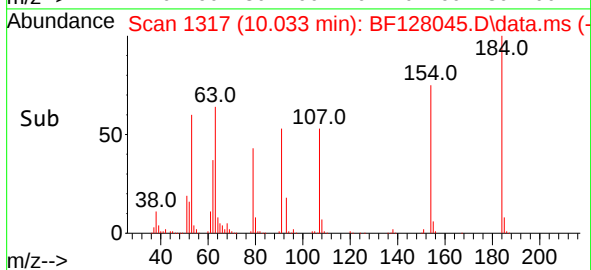
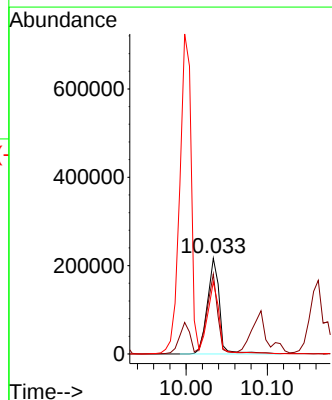
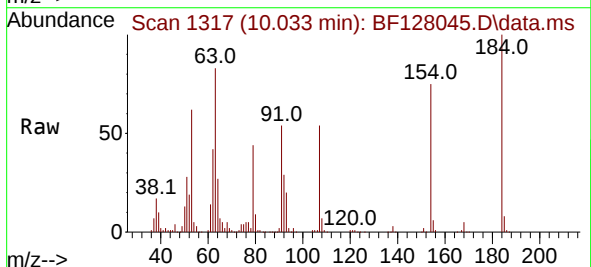
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

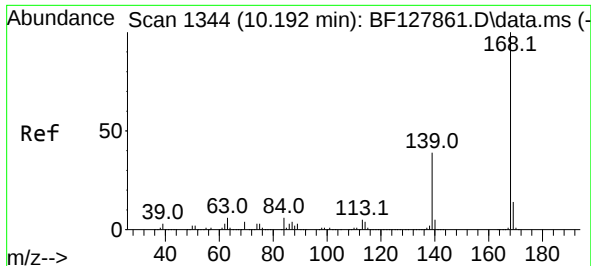
Tgt Ion:138 Resp: 145475
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.4
92 132.9 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 112.539 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:184 Resp: 223428
Ion Ratio Lower Upper
184 100
63 83.5 50.0 75.0#
154 75.4 51.7 77.5

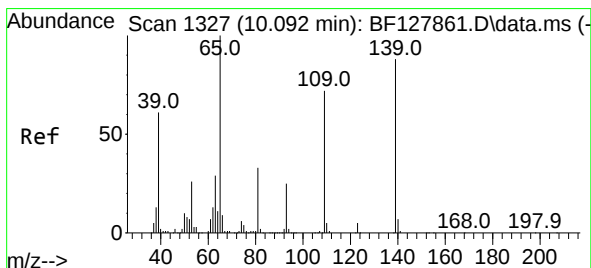
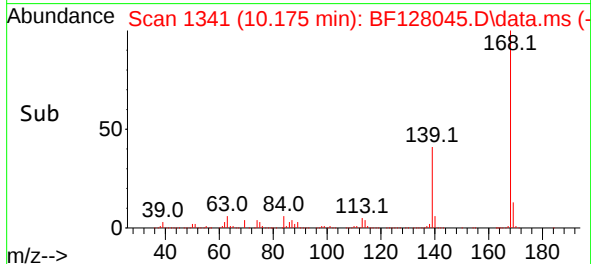
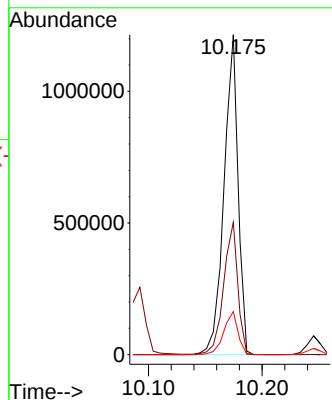
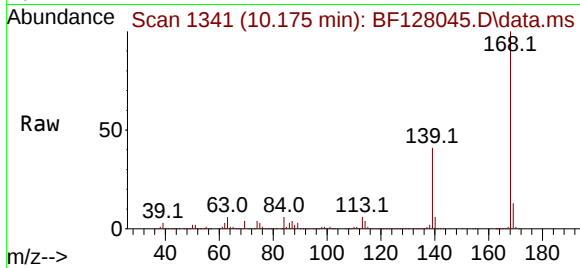




#55
Dibenzenofuran
Concen: 48.205 ng
RT: 10.175 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

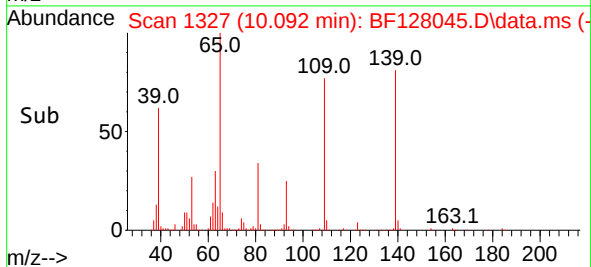
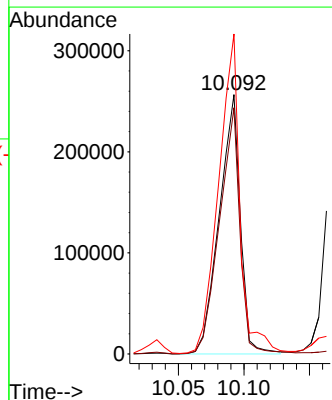
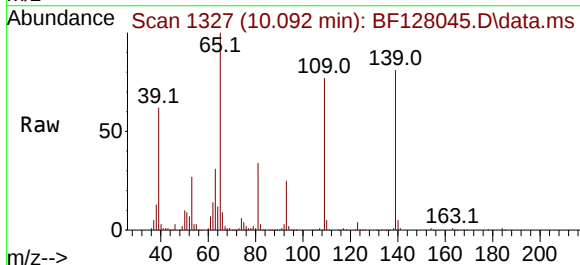
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

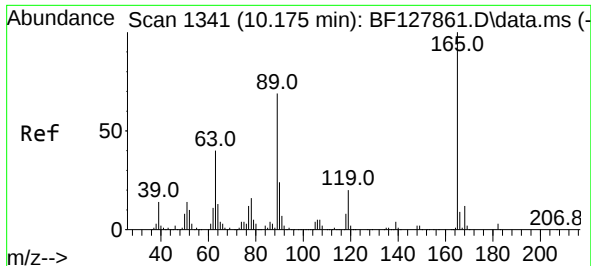
Tgt Ion:168 Resp: 1047122
Ion Ratio Lower Upper
168 100
139 41.4 31.7 47.5
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 89.652 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:139 Resp: 286580
Ion Ratio Lower Upper
139 100
109 94.9 61.9 101.9
65 123.4 93.5 133.5

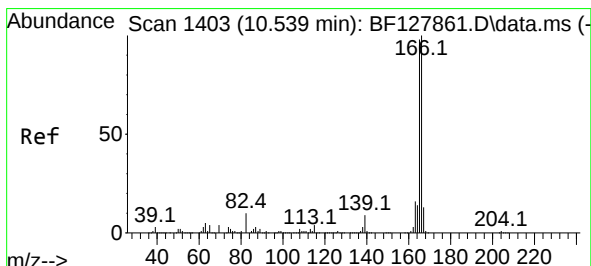
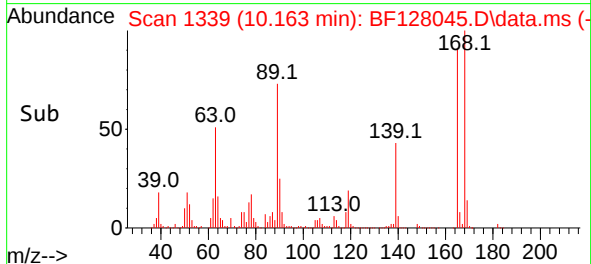
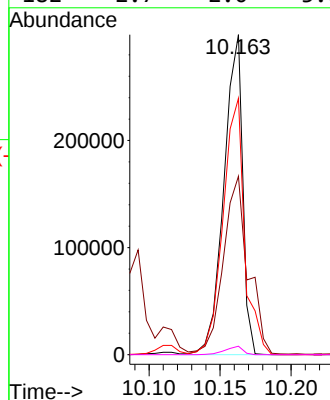
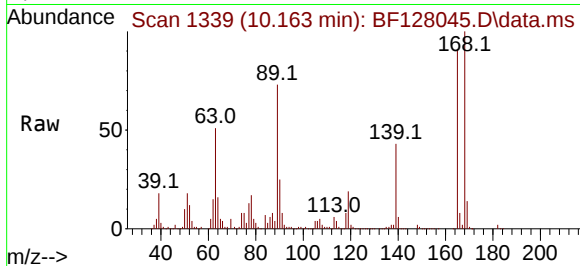




#57
2,4-Dinitrotoluene
Concen: 54.823 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

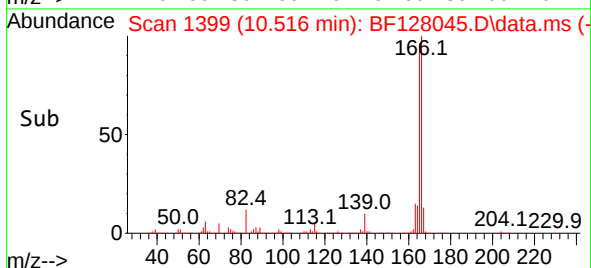
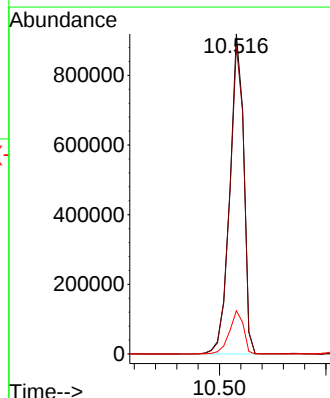
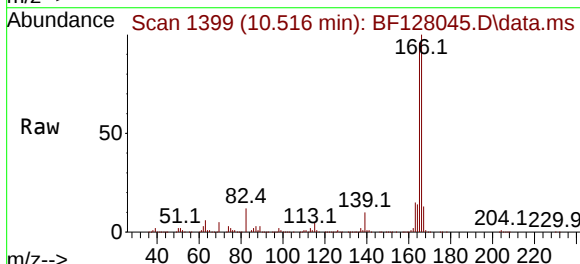
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

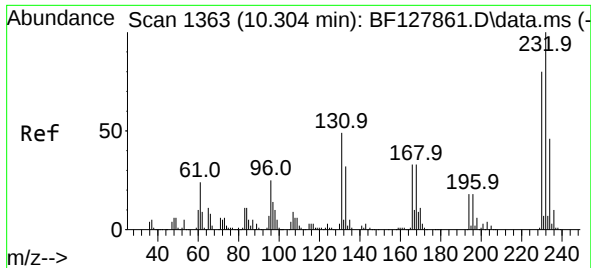
Tgt Ion:165 Resp: 273758
Ion Ratio Lower Upper
165 100
63 55.7 32.6 49.0#
89 80.1 55.2 82.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 51.508 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:166 Resp: 834884
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.5 10.5 15.7

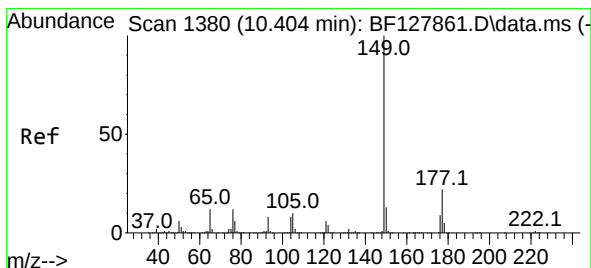
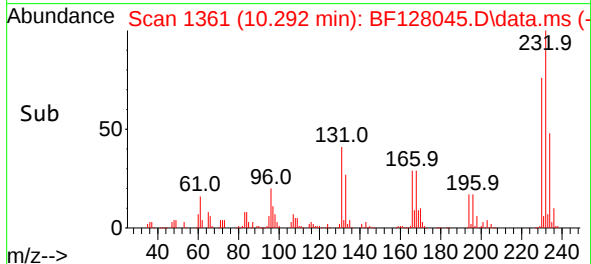
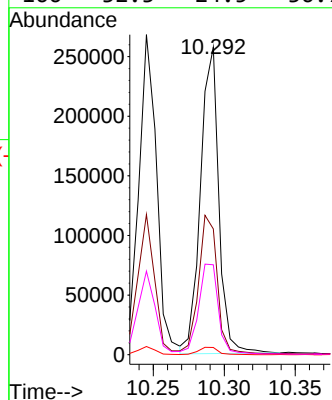
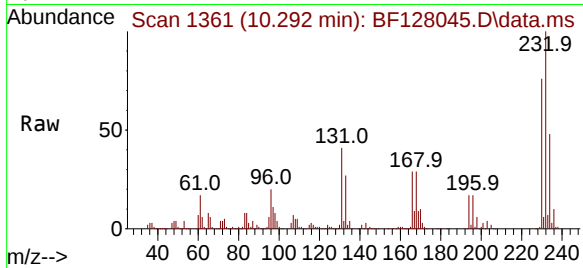




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.241 ng
RT: 10.292 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

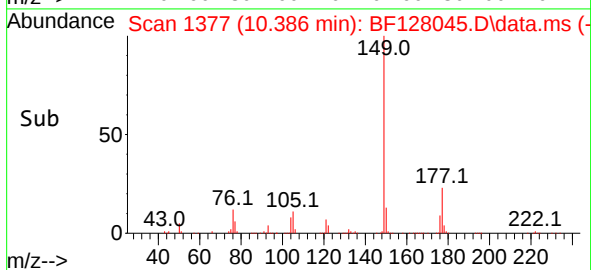
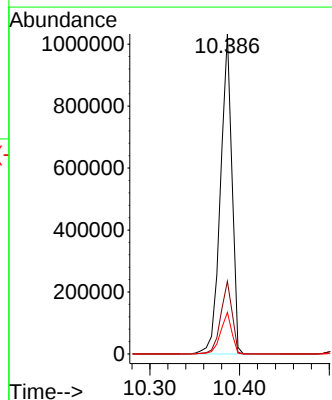
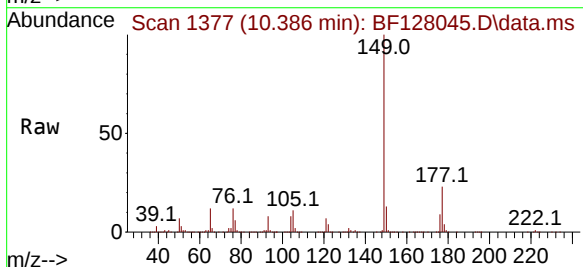
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

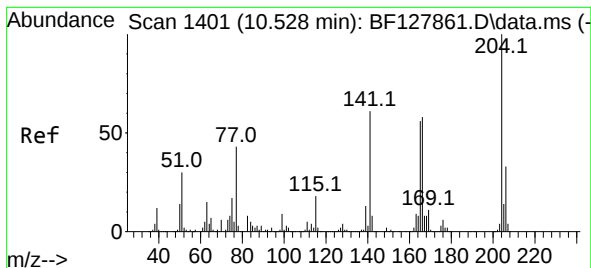
Tgt Ion:232 Resp: 231254
Ion Ratio Lower Upper
232 100
131 46.9 35.4 53.2
130 2.6 1.9 2.9
166 32.3 24.5 36.7



#60
Diethylphthalate
Concen: 53.554 ng
RT: 10.386 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:149 Resp: 914352
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 13.0 10.2 15.2

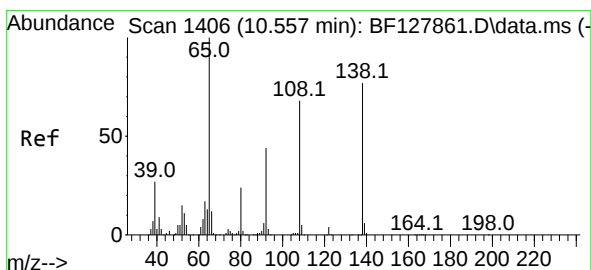
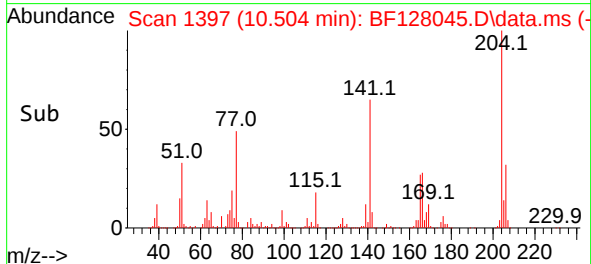
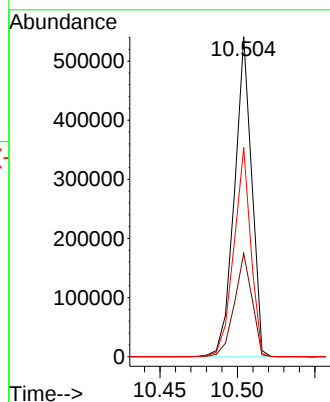
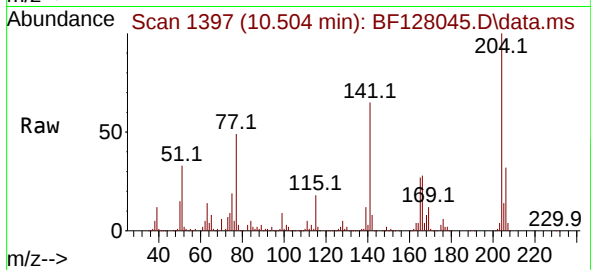




#61
4-Chlorophenyl-phenylether
Concen: 52.049 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

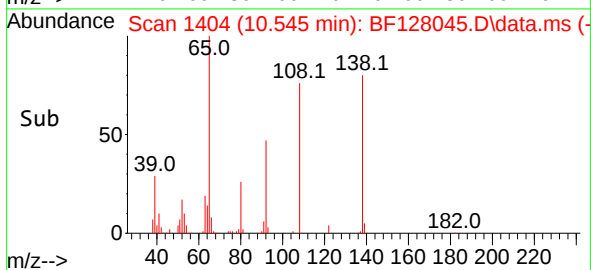
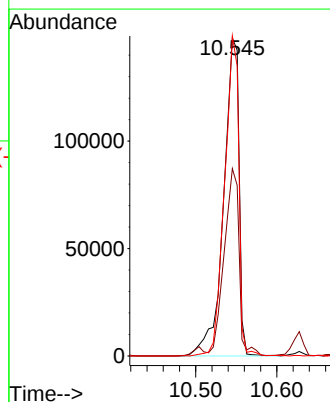
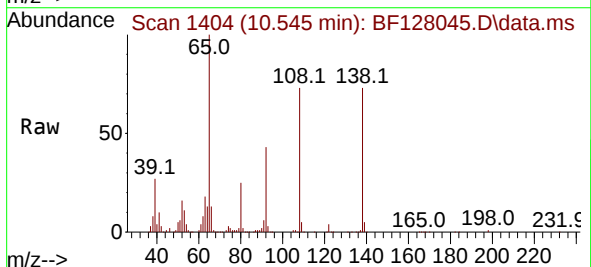
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

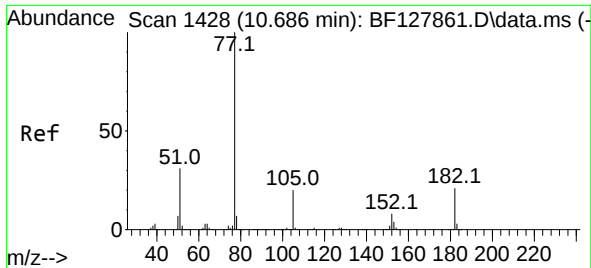
Tgt Ion:204 Resp: 419235
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 65.4 48.7 73.1



#62
4-Nitroaniline
Concen: 47.877 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:138 Resp: 195941
Ion Ratio Lower Upper
138 100
92 58.9 37.4 77.4
108 100.6 68.4 108.4



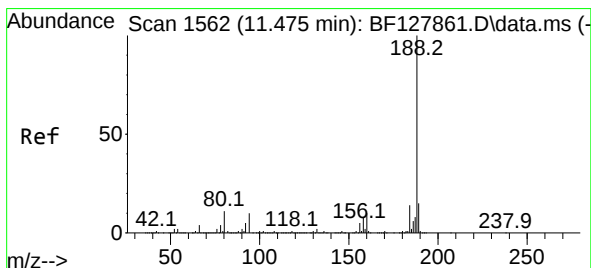
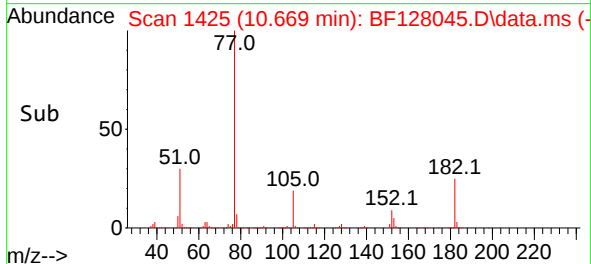
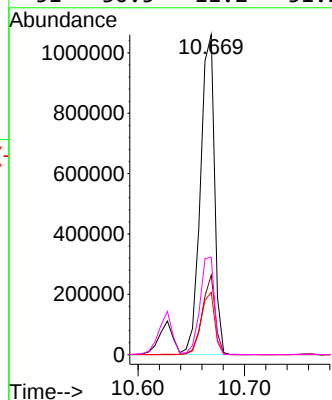
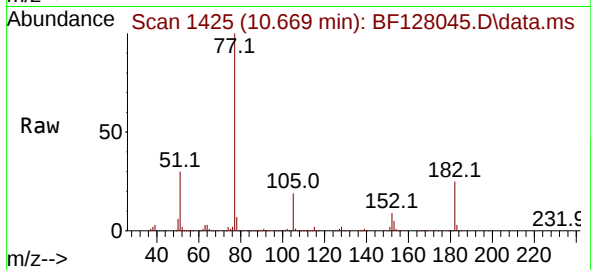


#63
Azobenzene
Concen: 51.701 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Instrument :
BNA_F
ClientSampleId :
TP-25MSD

Tgt Ion: 77 Resp: 971309

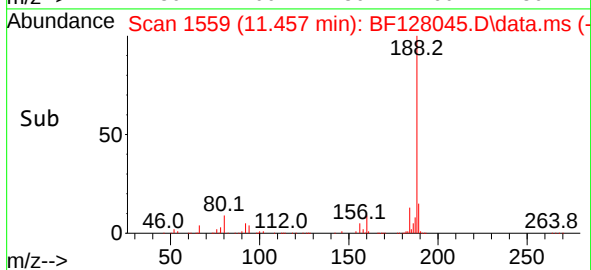
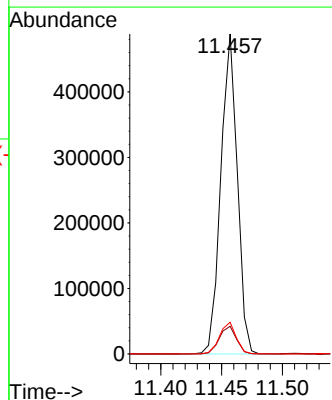
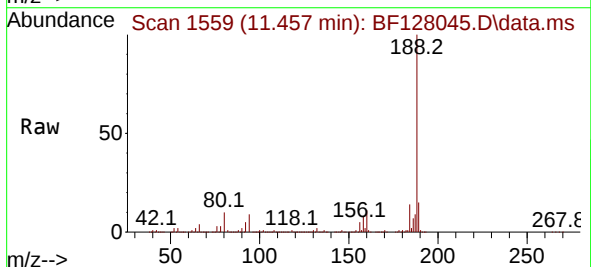
Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.2	41.2
105	19.5	0.0	39.8
51	30.5	11.2	51.2

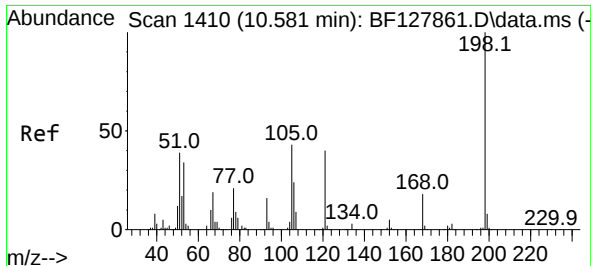


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion: 188 Resp: 459903

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.9	8.9	13.3

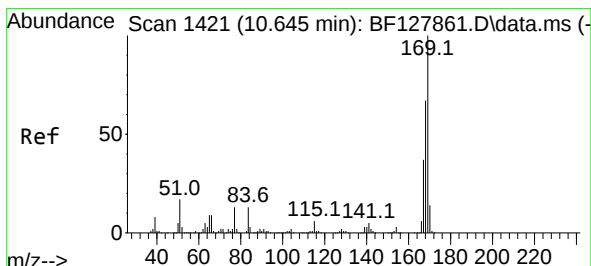
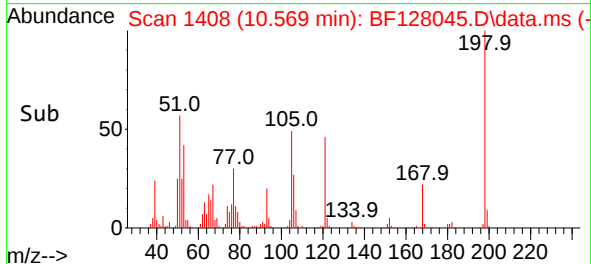
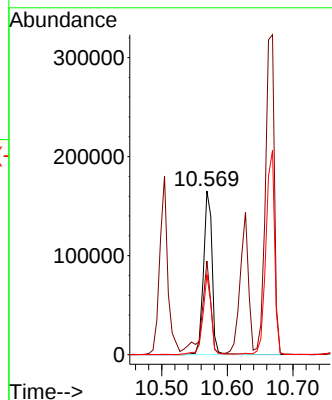
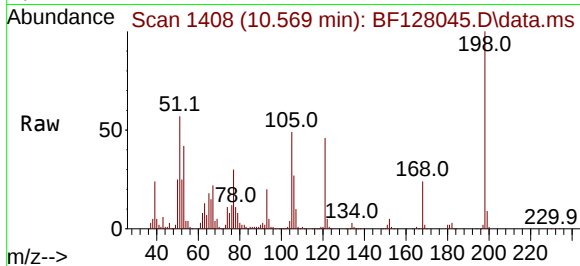




#65
4,6-Dinitro-2-methylphenol
Concen: 55.213 ng
RT: 10.569 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

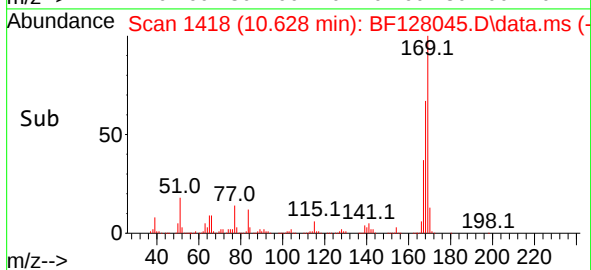
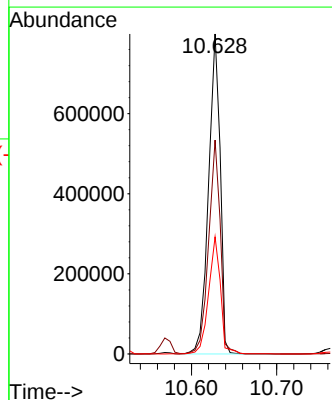
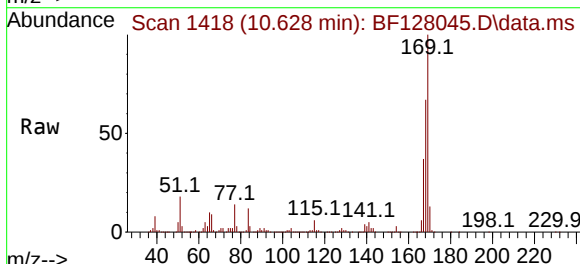
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

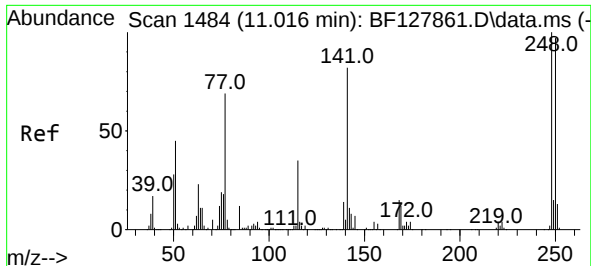
Tgt Ion:198 Resp: 150880
Ion Ratio Lower Upper
198 100
51 57.2 28.4 68.4
105 48.9 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 52.786 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:169 Resp: 755388
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.6 29.5 44.3

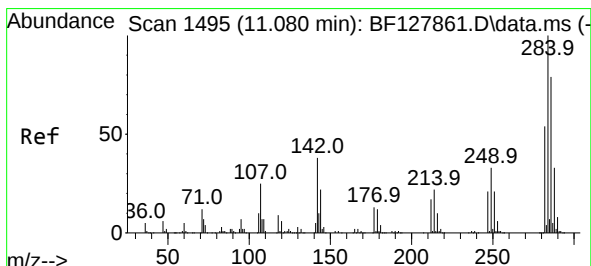
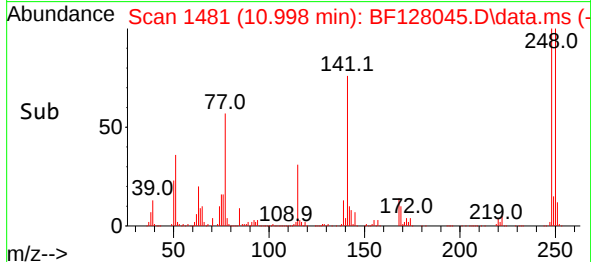
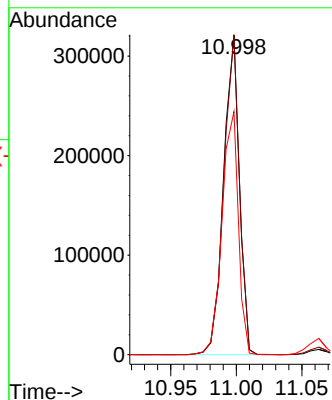
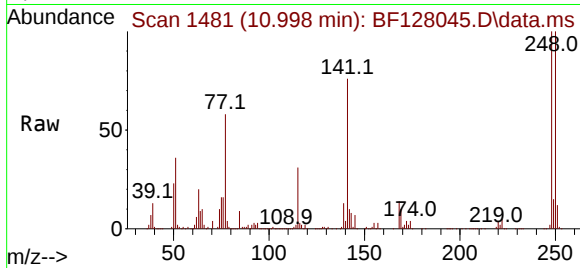




#67
4-Bromophenyl-phenylether
Concen: 52.803 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

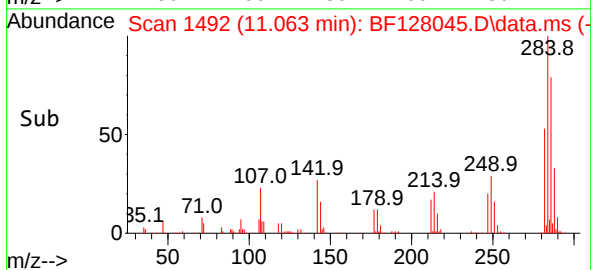
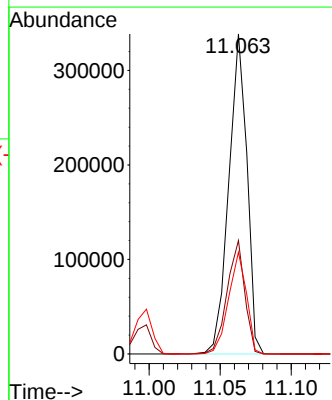
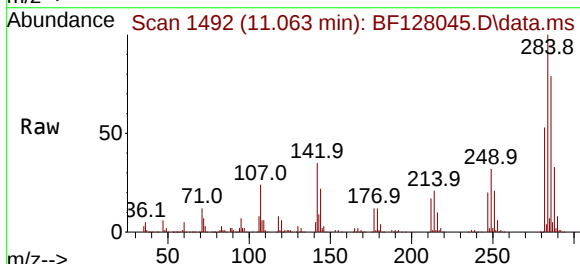
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

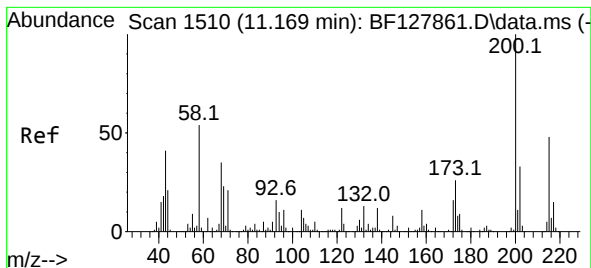
Tgt Ion:248 Resp: 269206
Ion Ratio Lower Upper
248 100
250 100.3 77.7 116.5
141 76.2 65.6 98.4



#68
Hexachlorobenzene
Concen: 55.823 ng
RT: 11.063 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:284 Resp: 299851
Ion Ratio Lower Upper
284 100
142 35.4 30.2 45.4
249 31.8 26.1 39.1





#69

Atrazine

Concen: 61.073 ng

RT: 11.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

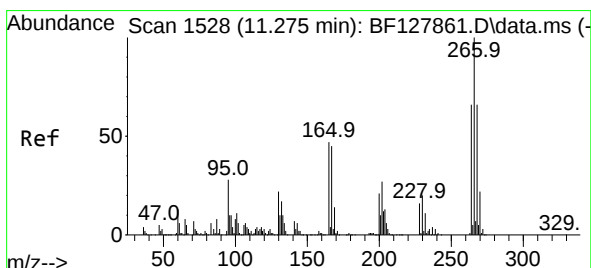
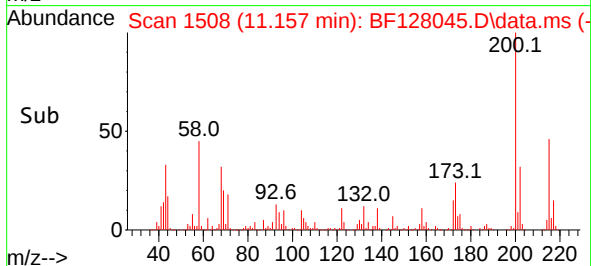
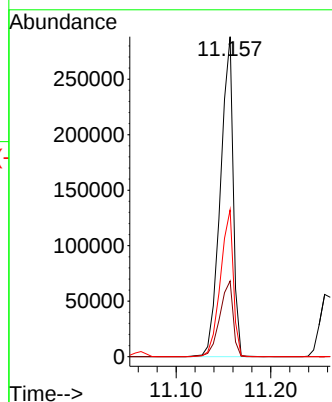
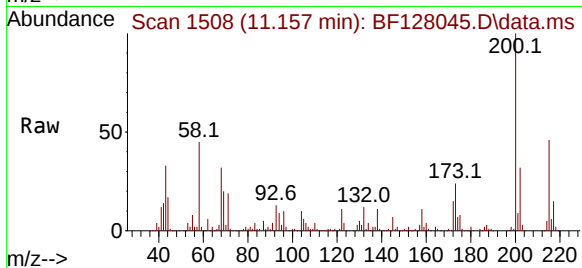
Tgt Ion:200 Resp: 270248

Ion Ratio Lower Upper

200 100

173 23.6 6.0 46.0

215 45.9 28.1 68.1



#70

Pentachlorophenol

Concen: 92.281 ng

RT: 11.263 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

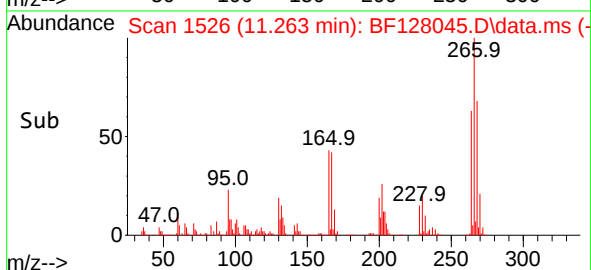
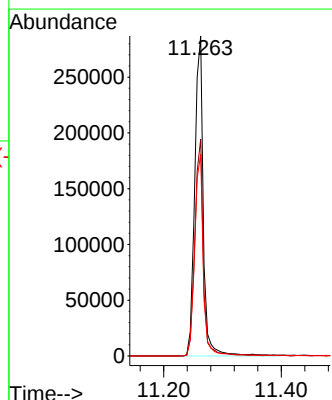
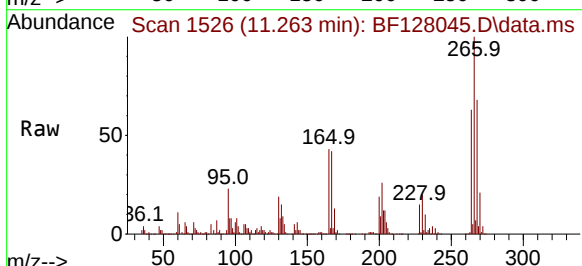
Tgt Ion:266 Resp: 291615

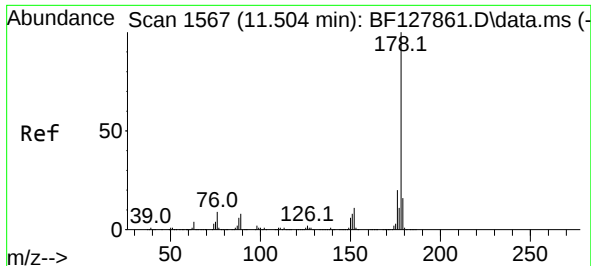
Ion Ratio Lower Upper

266 100

268 67.8 53.0 79.6

264 63.1 53.1 79.7

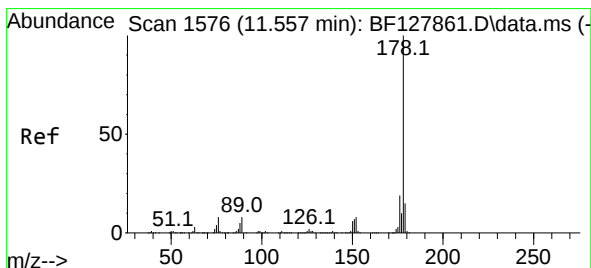
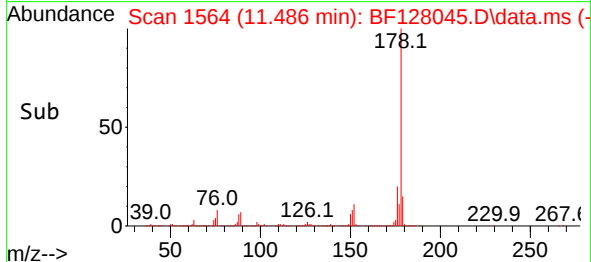
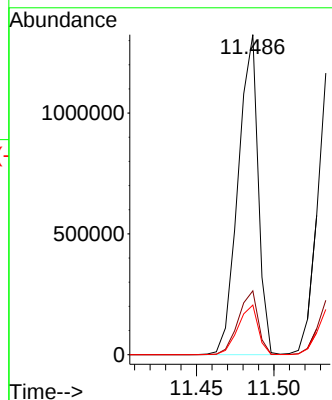
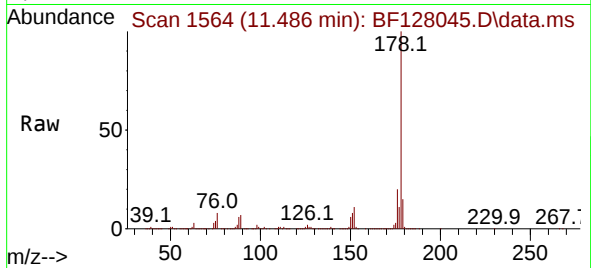




#71
Phenanthrene
Concen: 49.497 ng
RT: 11.486 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

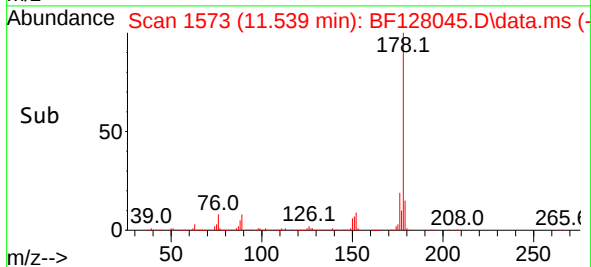
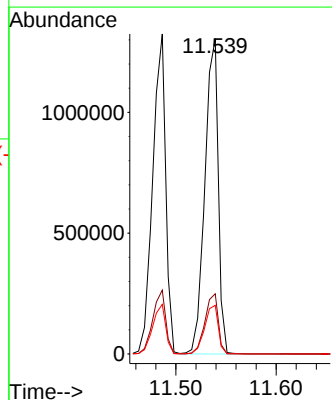
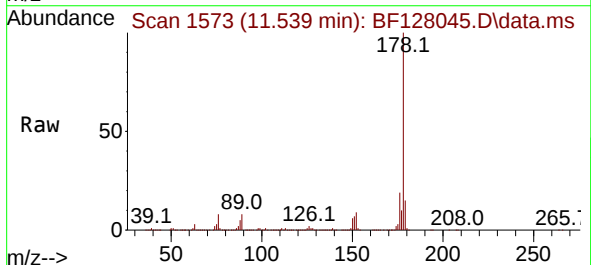
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

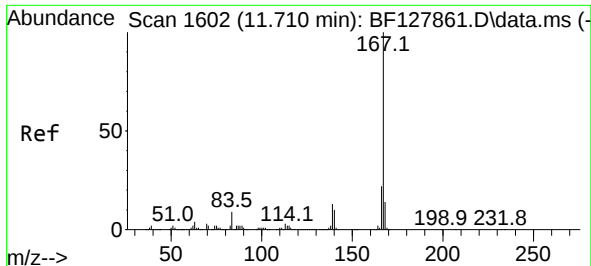
Tgt Ion:178 Resp: 1191592
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.5 12.6 19.0



#72
Anthracene
Concen: 50.770 ng
RT: 11.539 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:178 Resp: 1217525
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.4 12.4 18.6

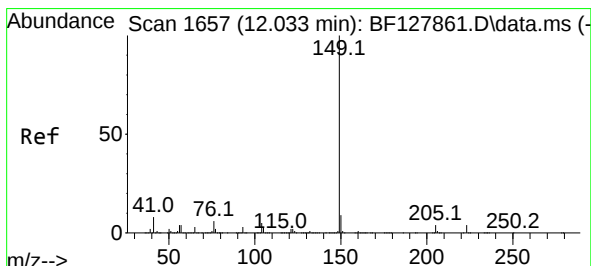
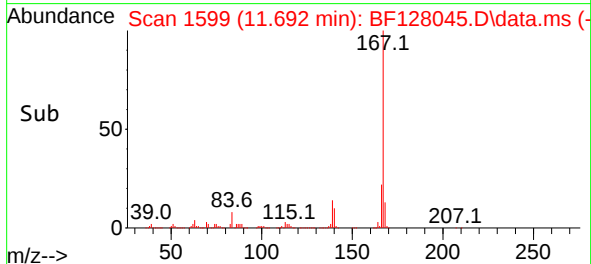
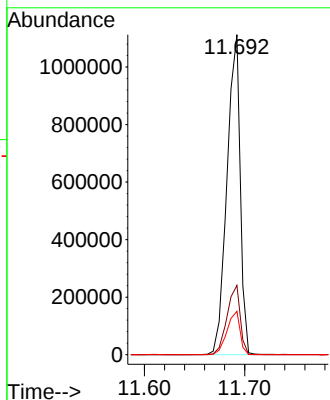
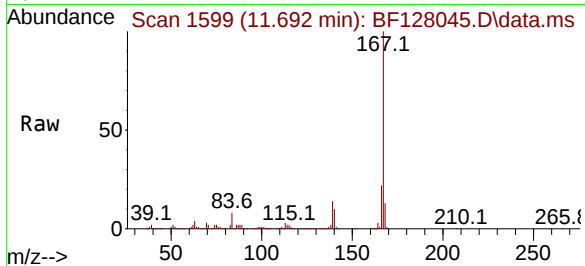




#73
 Carbazole
 Concen: 44.076 ng
 RT: 11.692 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128045.D
 Acq: 03 May 2022 14:55

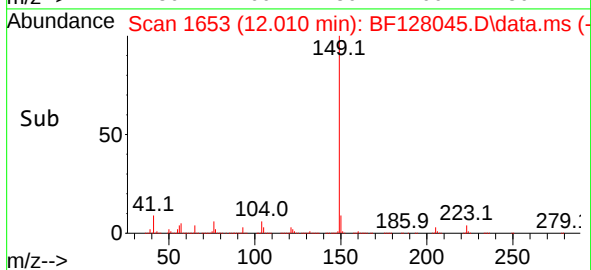
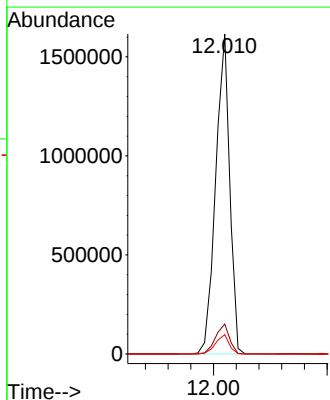
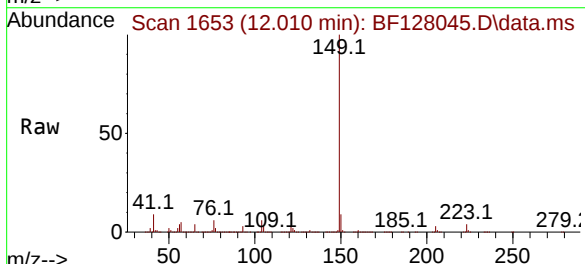
Instrument :
 BNA_F
 ClientSampleId :
 TP-25MSD

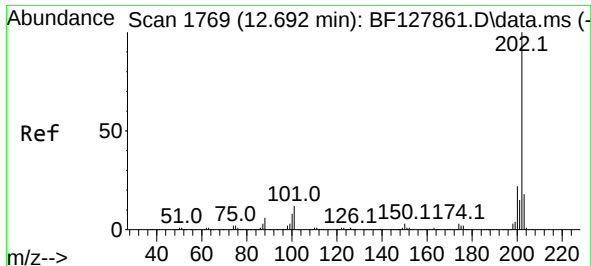
Tgt Ion:167 Resp: 1018703
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 53.253 ng
 RT: 12.010 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF128045.D
 Acq: 03 May 2022 14:55

Tgt Ion:149 Resp: 1384017
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.1 4.3 6.5

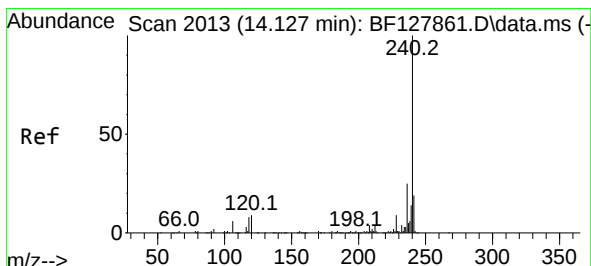
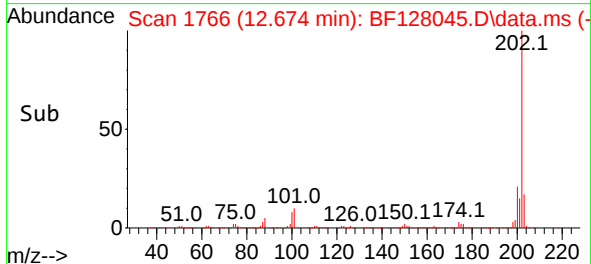
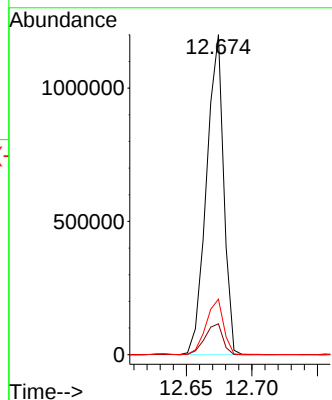
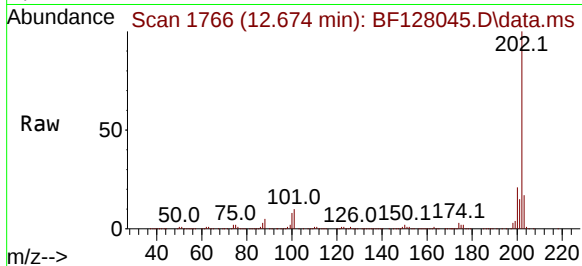




#75
Fluoranthene
Concen: 43.206 ng
RT: 12.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

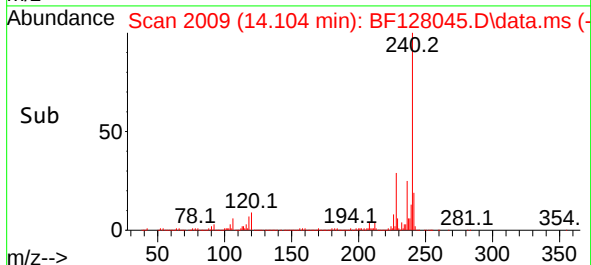
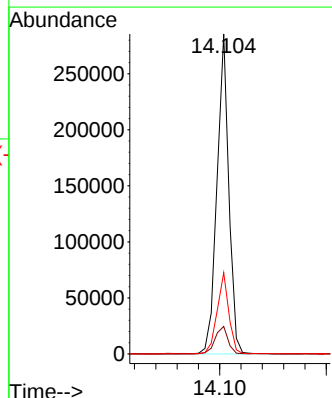
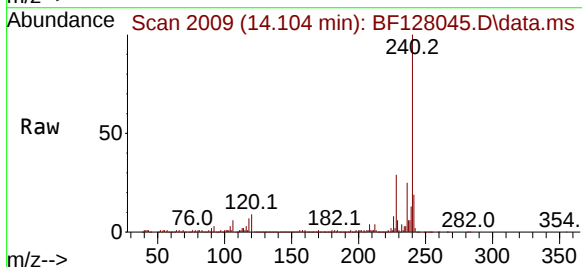
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

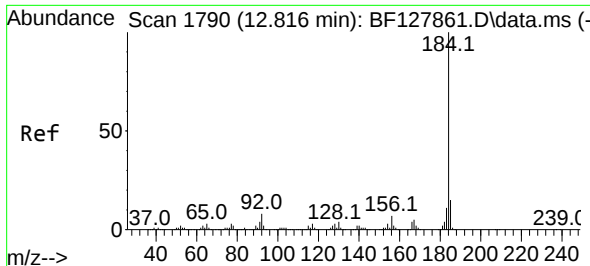
Tgt Ion:202 Resp: 1094692
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.6
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:240 Resp: 219418
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.4 20.3 30.5

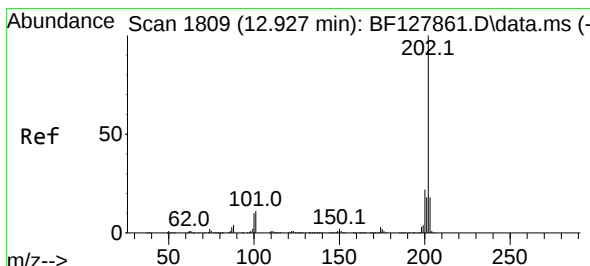
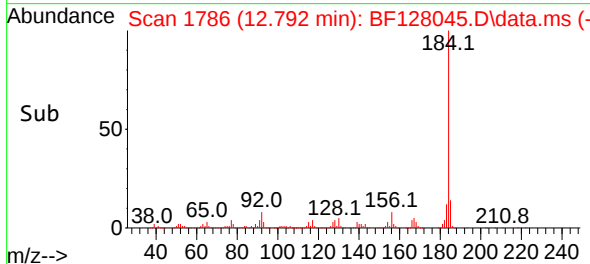
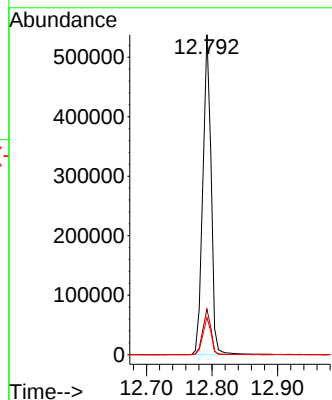
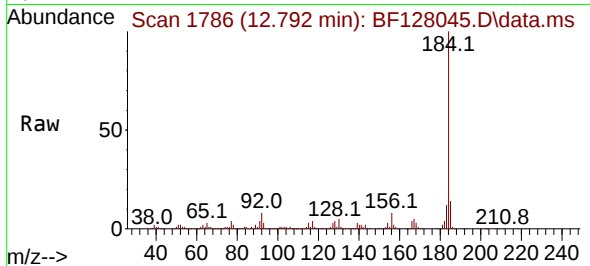




#77
Benzidine
Concen: 114.175 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

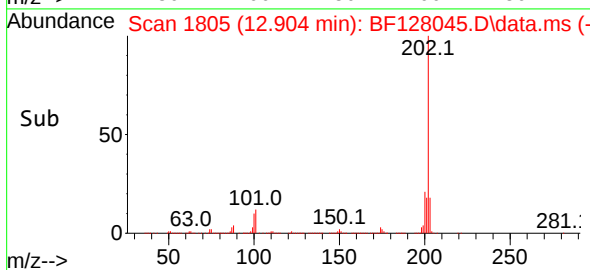
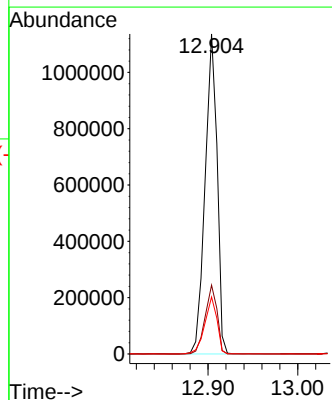
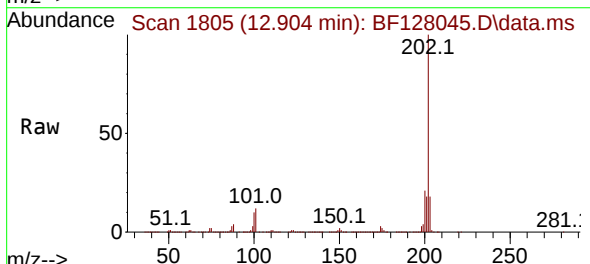
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

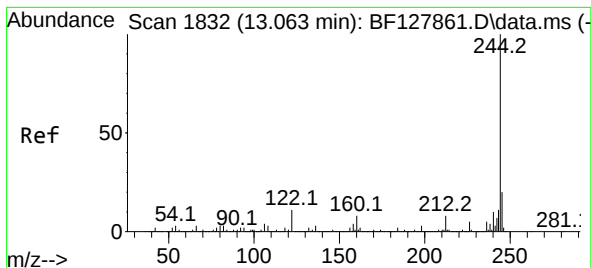
Tgt Ion:184 Resp: 474019
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 11.6 9.0 13.4



#78
Pyrene
Concen: 59.629 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:202 Resp: 1056181
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 106.841 ng

RT: 13.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

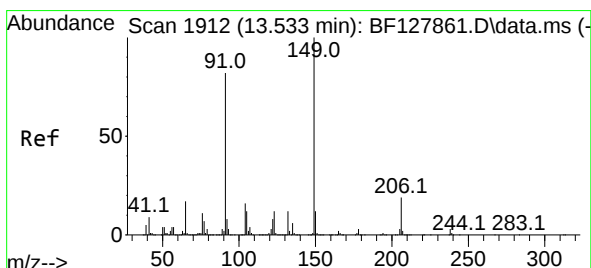
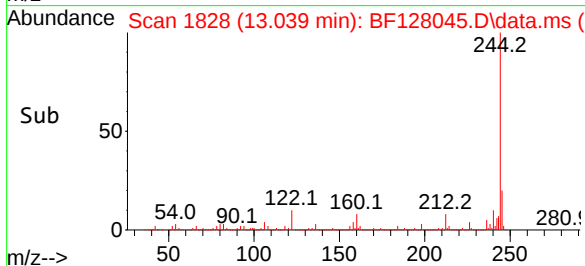
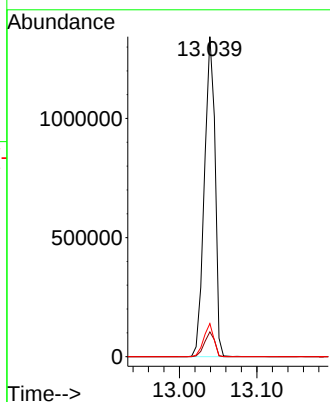
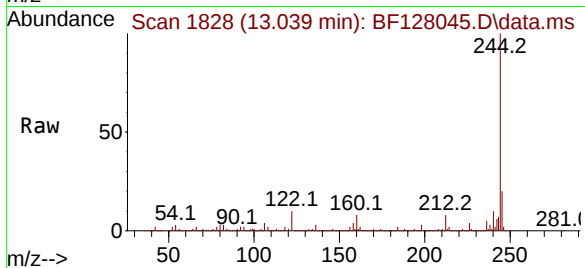
Tgt Ion:244 Resp: 1282039

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.3 8.6 12.8



#80

Butylbenzylphthalate

Concen: 63.648 ng

RT: 13.510 min Scan# 1908

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

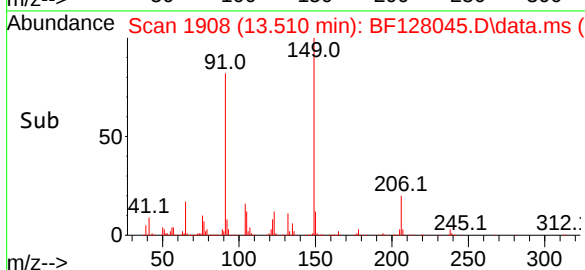
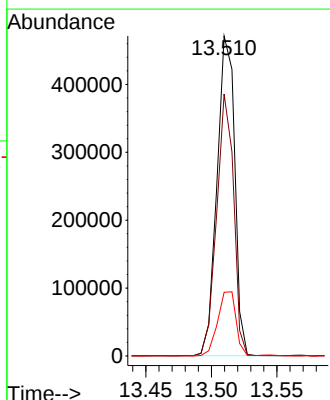
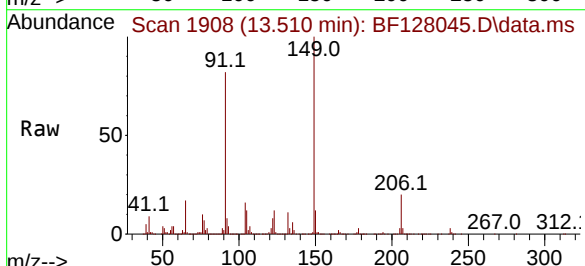
Tgt Ion:149 Resp: 441876

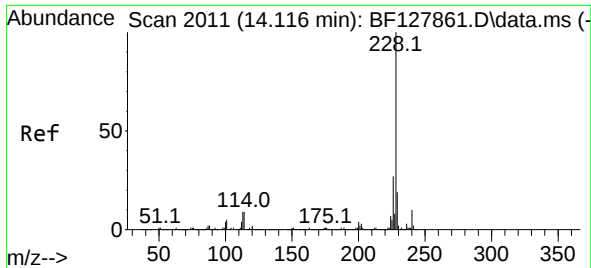
Ion Ratio Lower Upper

149 100

91 81.9 65.8 98.6

206 19.9 15.4 23.2

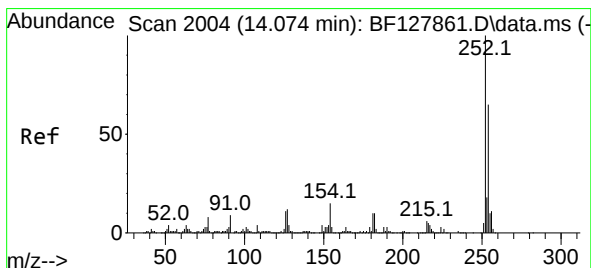
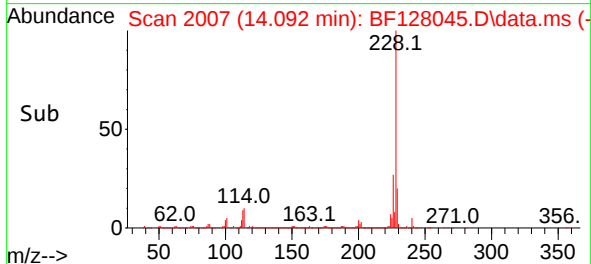
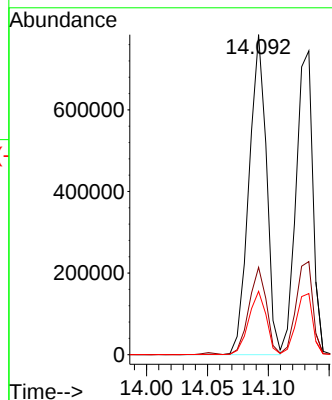
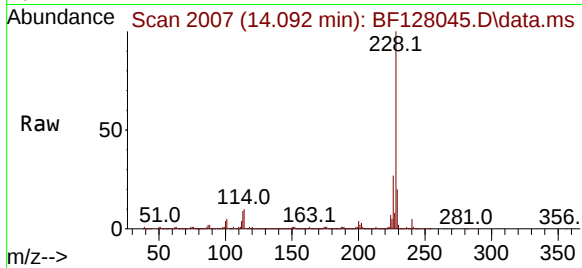




#81
Benzo(a)anthracene
Concen: 53.635 ng
RT: 14.092 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

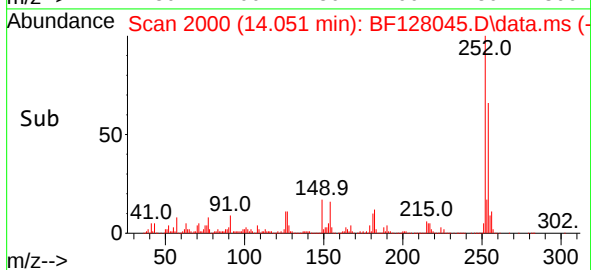
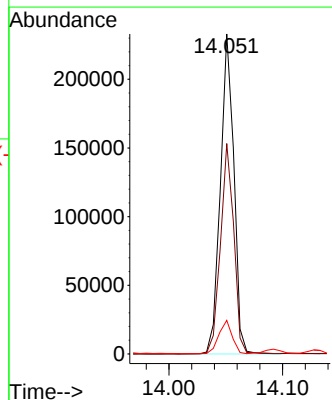
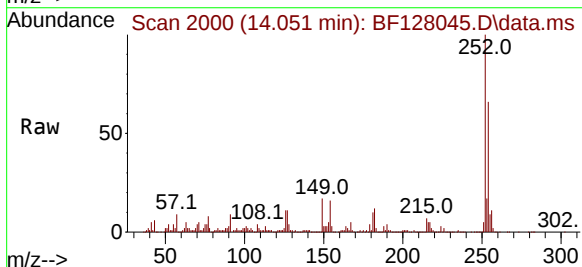
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

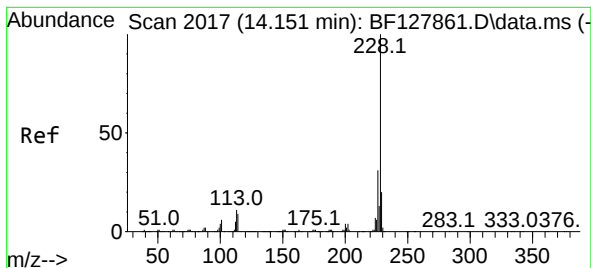
Tgt Ion:228 Resp: 784401
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 41.510 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:252 Resp: 192757
Ion Ratio Lower Upper
252 100
254 65.8 51.6 77.4
126 10.5 8.8 13.2





#83

Chrysene

Concen: 51.136 ng

RT: 14.133 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

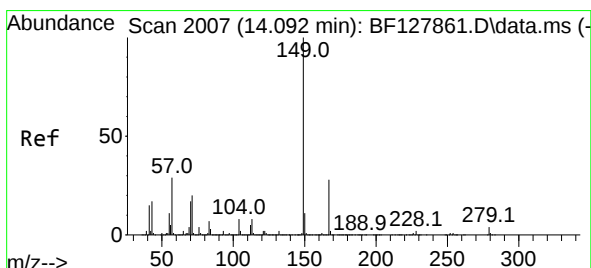
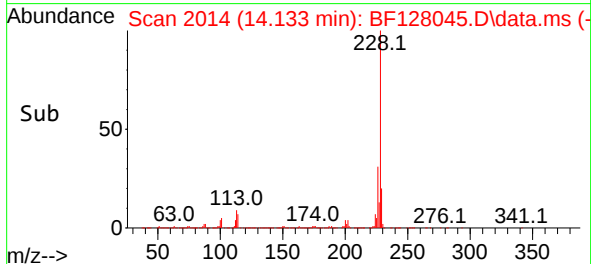
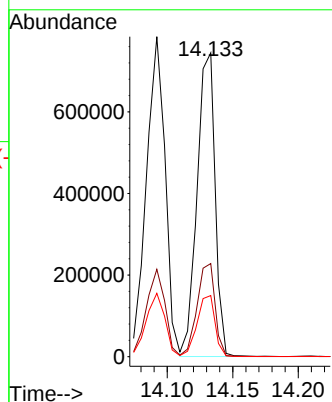
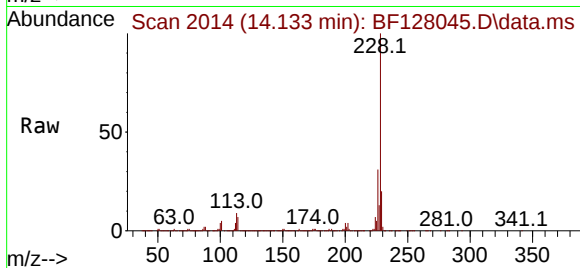
Tgt Ion:228 Resp: 714228

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.979 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

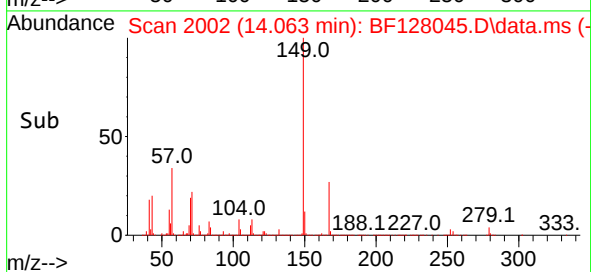
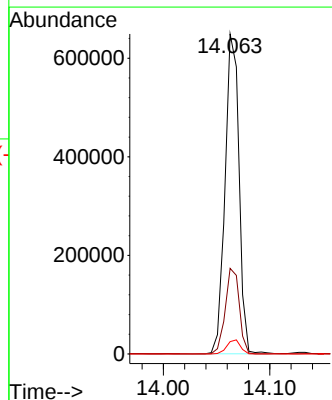
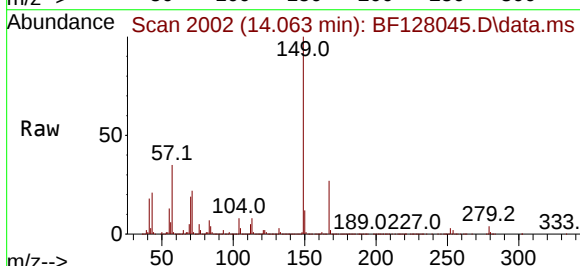
Tgt Ion:149 Resp: 589034

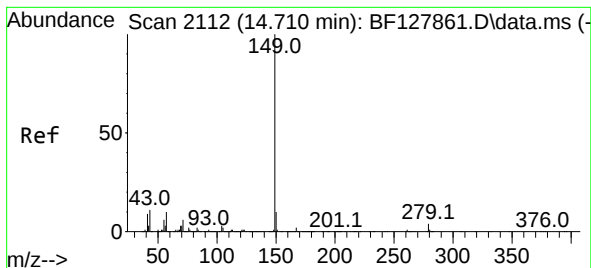
Ion Ratio Lower Upper

149 100

167 26.7 22.0 33.0

279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 61.616 ng

RT: 14.686 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

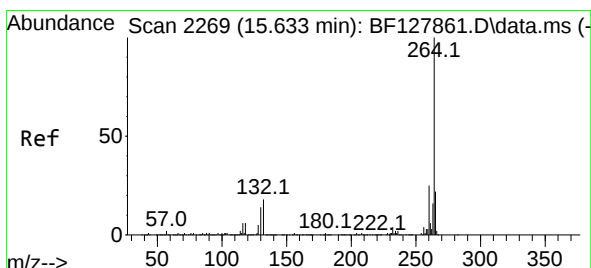
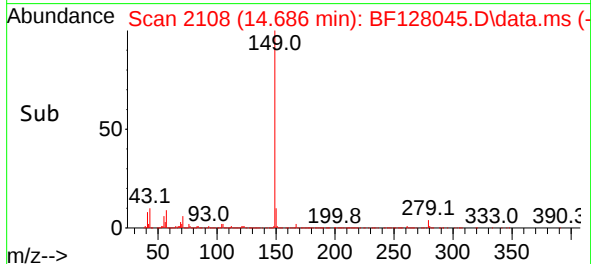
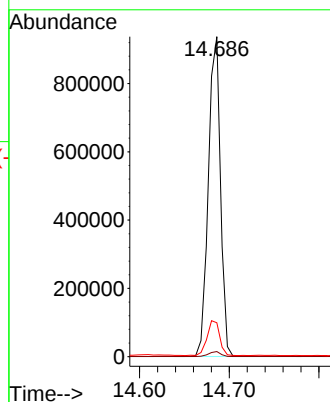
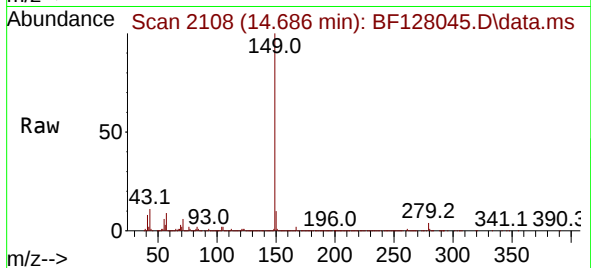
Tgt Ion:149 Resp: 879107

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

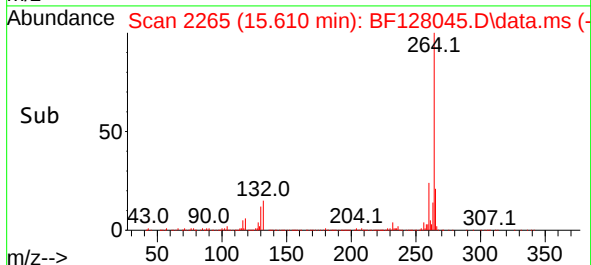
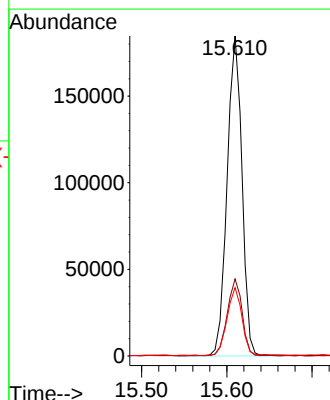
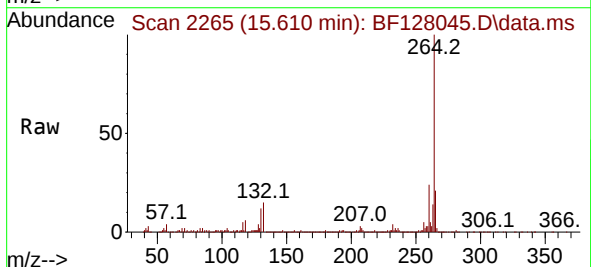
Tgt Ion:264 Resp: 223817

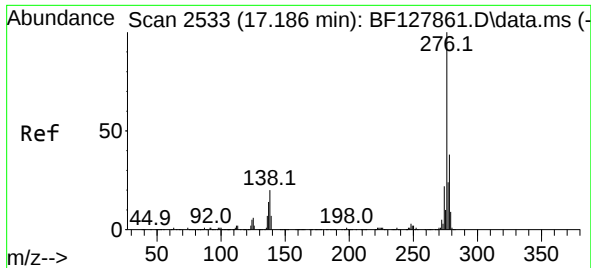
Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.4 17.5 26.3

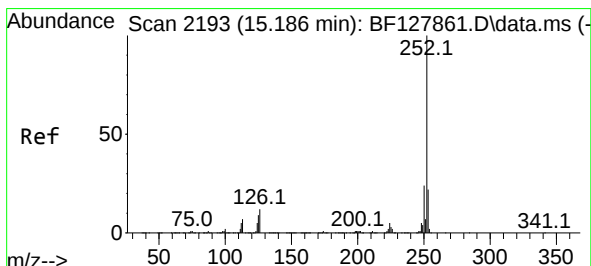
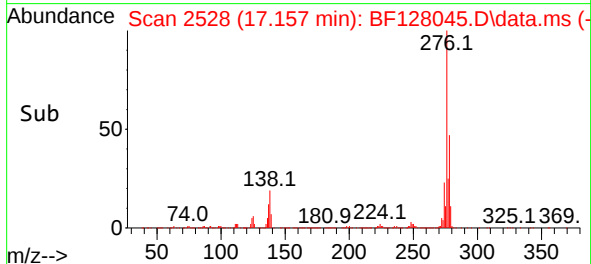
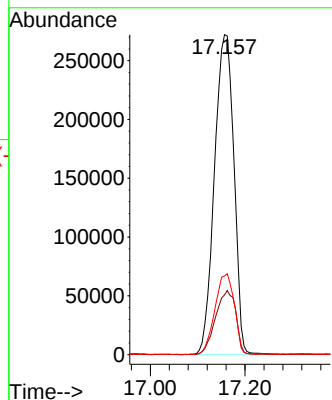
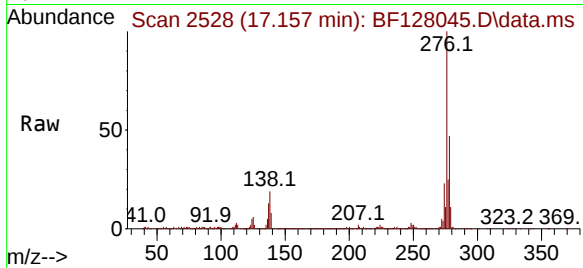




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.115 ng
RT: 17.157 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

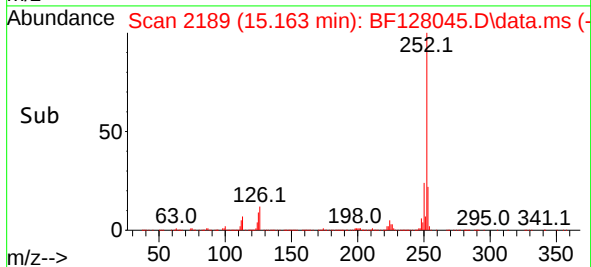
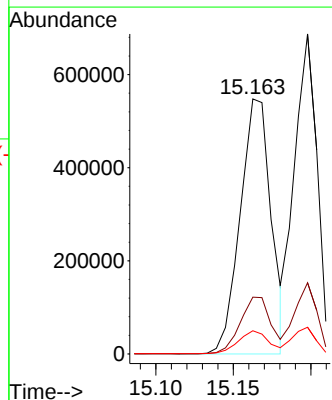
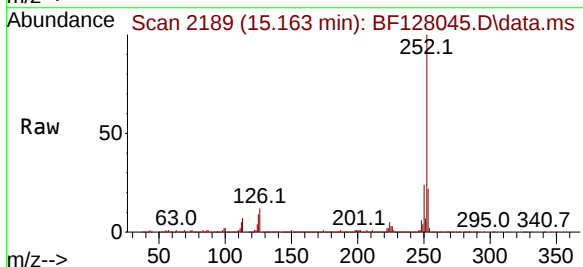
Instrument :
BNA_F
ClientSampleId :
TP-25MSD

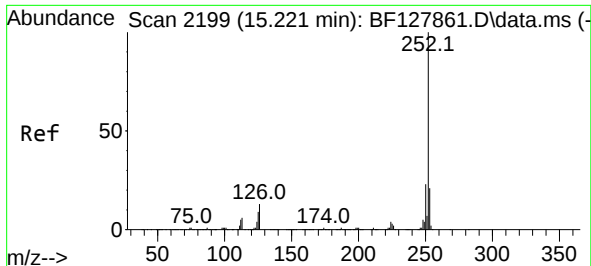
Tgt Ion:276 Resp: 778560
Ion Ratio Lower Upper
276 100
138 20.8 19.0 28.4
277 25.2 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 54.125 ng
RT: 15.163 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BF128045.D
Acq: 03 May 2022 14:55

Tgt Ion:252 Resp: 760875
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 49.414 ng

RT: 15.198 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

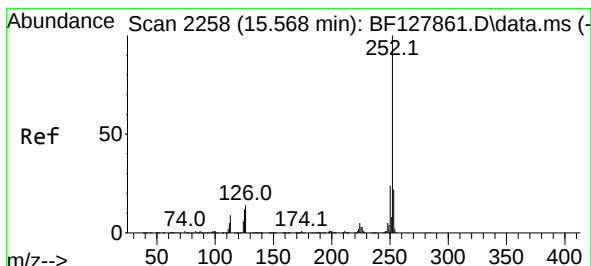
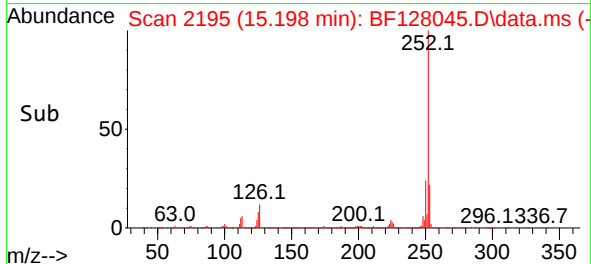
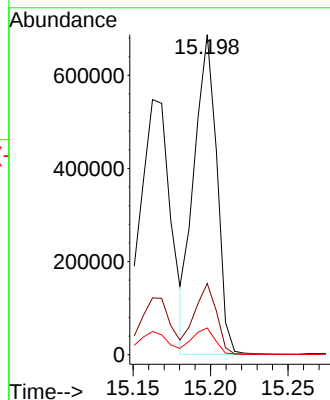
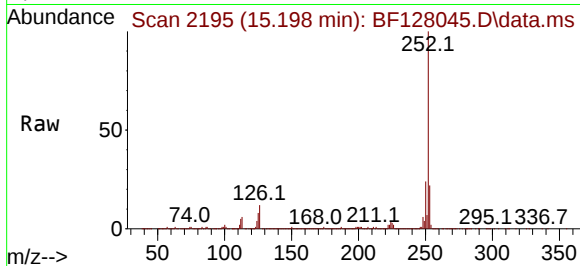
Tgt Ion:252 Resp: 699841

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 8.4 6.8 10.2



#90

Benzo(a)pyrene

Concen: 62.551 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

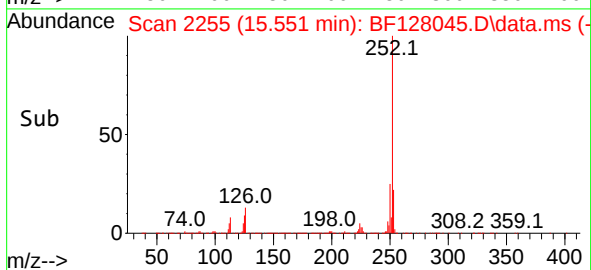
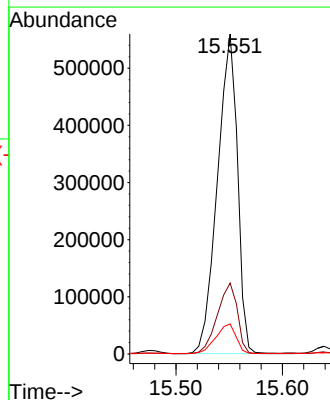
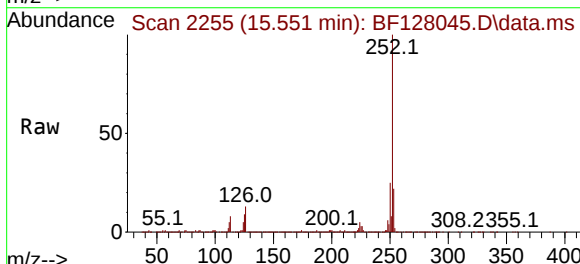
Tgt Ion:252 Resp: 729390

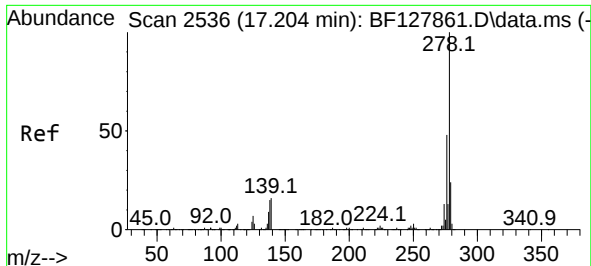
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 55.585 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Instrument :

BNA_F

ClientSampleId :

TP-25MSD

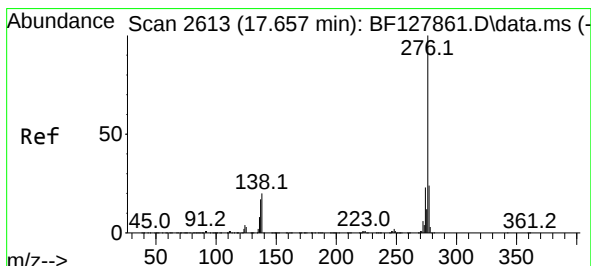
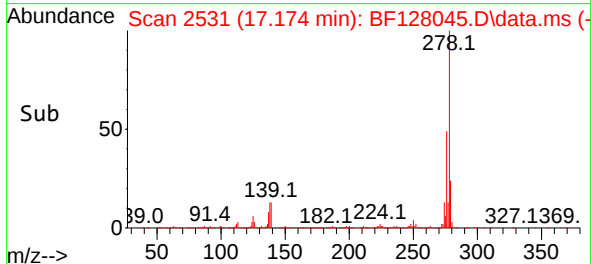
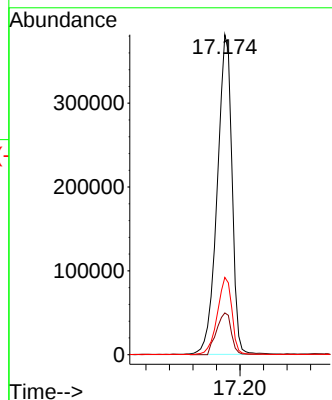
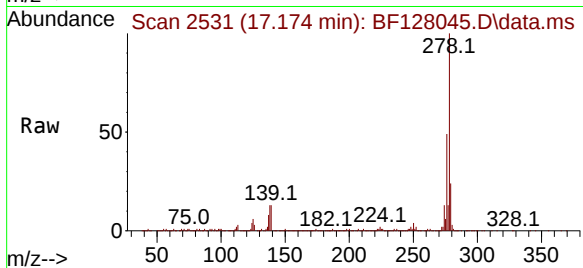
Tgt Ion:278 Resp: 665978

Ion Ratio Lower Upper

278 100

139 13.1 12.6 19.0

279 24.1 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.791 ng

RT: 17.633 min Scan# 2609

Delta R.T. 0.000 min

Lab File: BF128045.D

Acq: 03 May 2022 14:55

Tgt Ion:276 Resp: 628686

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 16.9 16.2 24.2

