

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128398.D
 Acq On : 23 May 2022 14:05
 Operator : CG\JU
 Sample : N2959-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 284MSD

Quant Time: May 24 01:22:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	83759	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	316301	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	170876	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	293764	20.000	ng	0.00
76) Chrysene-d12	14.045	240	190848	20.000	ng	0.00
86) Perylene-d12	15.527	264	197000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	594186	112.892	ng	0.01
7) Phenol-d6	6.498	99	672378	97.015	ng	0.00
23) Nitrobenzene-d5	7.428	82	545270	77.239	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	200051	113.521	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	881238	84.337	ng	0.00
79) Terphenyl-d14	12.974	244	879892	89.001	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	98688	38.278	ng	# 83
3) Pyridine	3.504	79	134685	20.172	ng	98
4) n-Nitrosodimethylamine	3.428	42	139104	43.793	ng	100
6) Aniline	6.528	93	120588	15.212	ng	# 87
8) 2-Chlorophenol	6.651	128	248684	46.212	ng	94
9) Benzaldehyde	6.422	77	89014	20.337	ng	96
10) Phenol	6.510	94	273410	37.096	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	265078	48.191	ng	99
12) 1,3-Dichlorobenzene	6.798	146	271517	44.931	ng	98
13) 1,4-Dichlorobenzene	6.875	146	274049	44.691	ng	98
14) 1,2-Dichlorobenzene	7.028	146	258237	45.418	ng	99
15) Benzyl Alcohol	7.004	79	233647	45.538	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	367140	45.262	ng	79
17) 2-Methylphenol	7.116	107	194662	43.075	ng	96
18) Hexachloroethane	7.363	117	104921	46.188	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	182280	43.975	ng	99
20) 3+4-Methylphenols	7.269	107	232518	42.734	ng	# 58
22) Acetophenone	7.269	105	334133	43.392	ng	# 89
24) Nitrobenzene	7.445	77	297172	44.975	ng	98
25) Isophorone	7.681	82	527583	48.767	ng	99
26) 2-Nitrophenol	7.757	139	130447	45.556	ng	97
27) 2,4-Dimethylphenol	7.798	122	214390	51.423	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	318804	46.625	ng	99
29) 2,4-Dichlorophenol	8.004	162	207076	45.822	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	229885	44.797	ng	99
31) Naphthalene	8.163	128	719872	46.703	ng	100
32) Benzoic acid	7.933	122	122589	41.296	ng	99
33) 4-Chloroaniline	8.222	127	71766	11.635	ng	98
34) Hexachlorobutadiene	8.269	225	146831	44.178	ng	99
35) Caprolactam	8.592	113	32459	22.252	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	218245	44.565	ng	98
37) 2-Methylnaphthalene	8.851	142	469464	46.450	ng	99
38) 1-Methylnaphthalene	8.951	142	439772	45.236	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	232978	46.758	ng	99
41) Hexachlorocyclopentadiene	8.998	237	186070	100.977	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	140891	44.803	ng	99

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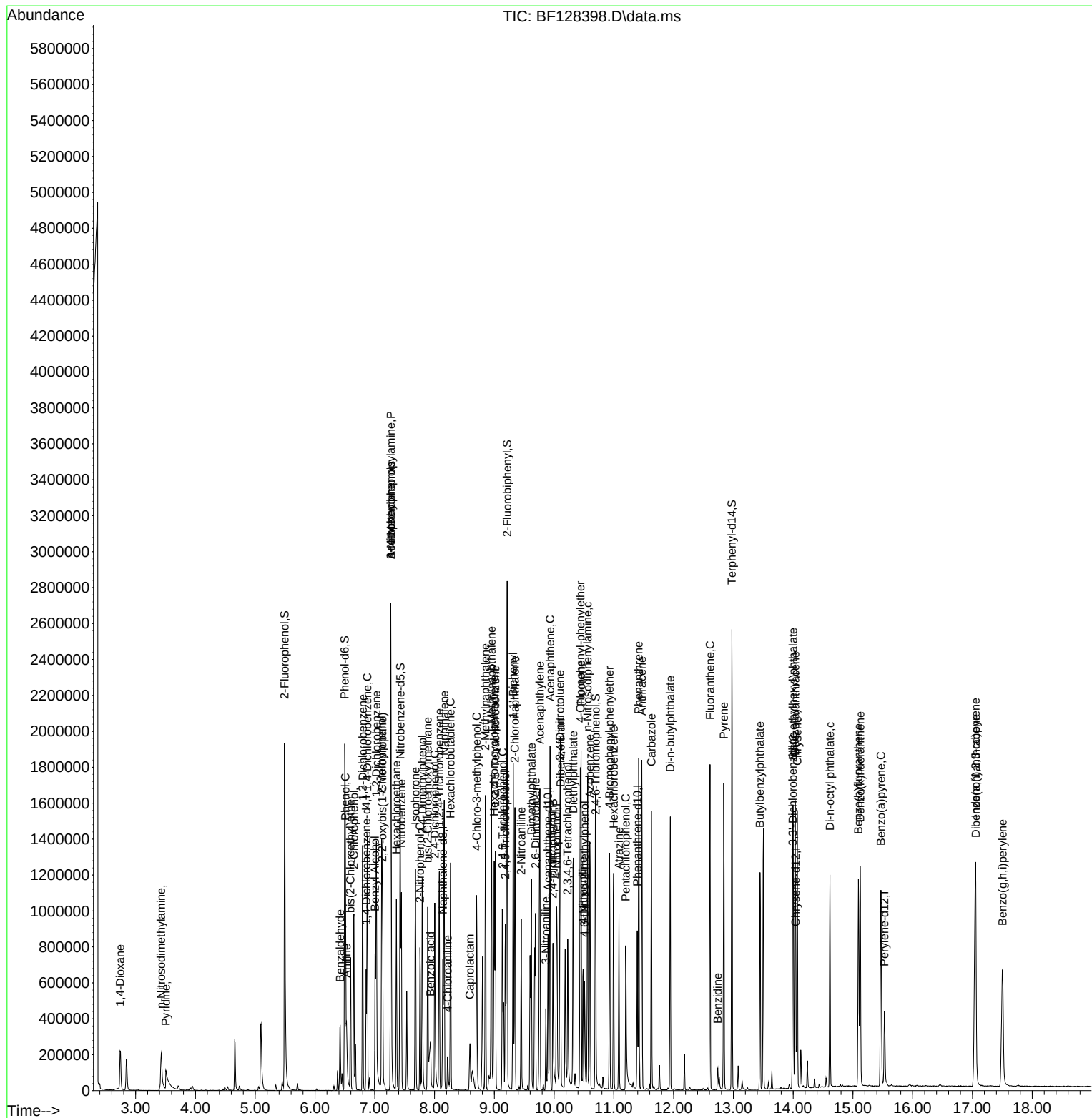
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	146873	43.907	ng	95
46) 1,1'-Biphenyl	9.316	154	584043	47.301	ng	99
47) 2-Chloronaphthalene	9.345	162	429426	46.887	ng	99
48) 2-Nitroaniline	9.451	65	148811	44.848	ng	100
49) Acenaphthylene	9.763	152	665628	48.570	ng	100
50) Dimethylphthalate	9.622	163	496479	45.612	ng	99
51) 2,6-Dinitrotoluene	9.692	165	113988	47.883	ng	95
52) Acenaphthene	9.933	154	403522	46.889	ng	99
53) 3-Nitroaniline	9.863	138	59481	22.197	ng	99
54) 2,4-Dinitrophenol	9.980	184	112374	93.078	ng	90
55) Dibenzofuran	10.110	168	584448	44.794	ng	97
56) 4-Nitrophenol	10.039	139	103709	67.289	ng	99
57) 2,4-Dinitrotoluene	10.098	165	136884	45.638	ng	# 76
58) Fluorene	10.451	166	468871	45.853	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	119512	43.496	ng	99
60) Diethylphthalate	10.322	149	472850	45.081	ng	98
61) 4-Chlorophenyl-phenylether	10.439	204	227994	45.242	ng	99
62) 4-Nitroaniline	10.486	138	99293	36.612	ng	95
63) Azobenzene	10.598	77	525317	44.697	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	78237	43.333	ng	93
66) n-Nitrosodiphenylamine	10.563	169	405153	47.640	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	145885	47.452	ng	100
68) Hexachlorobenzene	10.998	284	159579	47.740	ng	93
69) Atrazine	11.086	200	103162	36.954	ng	96
70) Pentachlorophenol	11.198	266	120805	89.306	ng	97
71) Phenanthrene	11.416	178	666220	46.471	ng	100
72) Anthracene	11.469	178	681922	47.859	ng	100
73) Carbazole	11.627	167	598276	42.105	ng	100
74) Di-n-butylphthalate	11.945	149	699932	45.094	ng	100
75) Fluoranthene	12.610	202	673062	43.351	ng	98
77) Benzidine	12.739	184	68883	17.354	ng	98
78) Pyrene	12.839	202	676388	47.335	ng	99
80) Butylbenzylphthalate	13.445	149	258905	45.180	ng	100
81) Benzo(a)anthracene	14.033	228	569263	46.882	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	109493	39.515	ng	100
83) Chrysene	14.068	228	528401	45.691	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	338989	44.735	ng	98
85) Di-n-octyl phthalate	14.615	149	537542	44.144	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	630564	56.079	ng	99
88) Benzo(b)fluoranthene	15.092	252	576112	47.012	ng	99
89) Benzo(k)fluoranthene	15.121	252	513586	44.746	ng	98
90) Benzo(a)pyrene	15.468	252	538617	54.751	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	540711	59.932	ng	97
92) Benzo(g,h,i)perylene	17.503	276	581942	61.827	ng	99

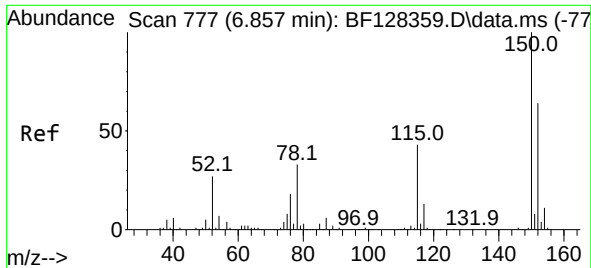
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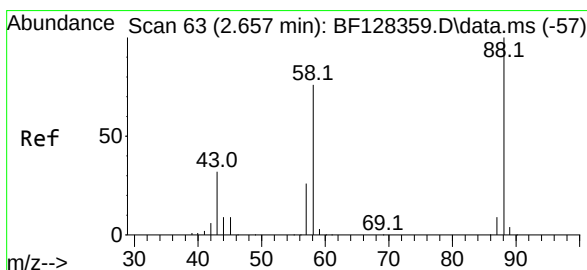
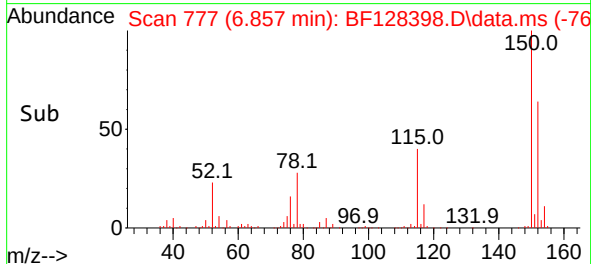
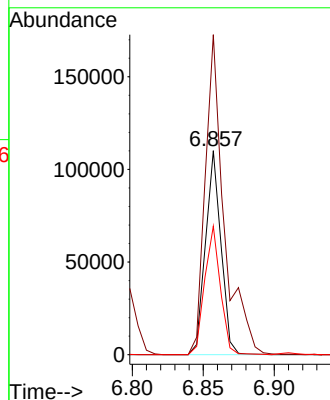
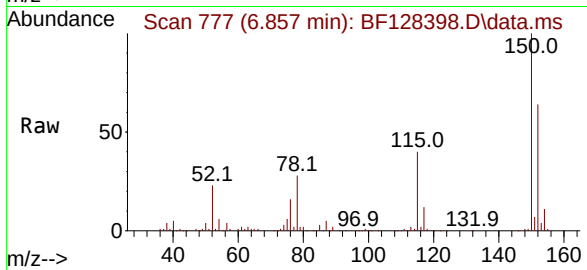




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: BF128398.D
 Acq: 23 May 2022 14:05

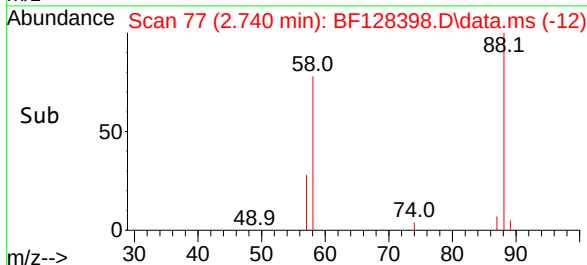
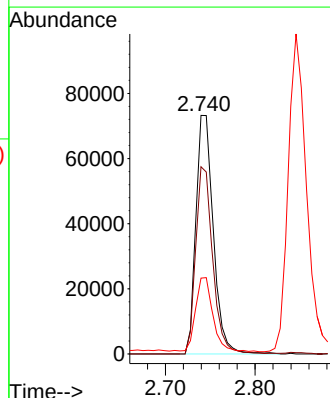
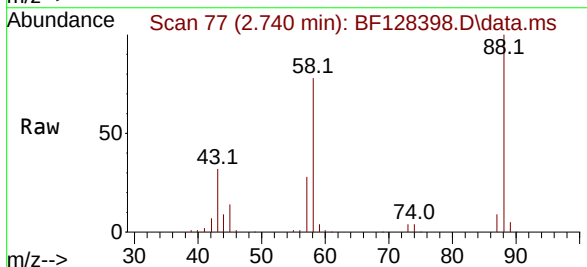
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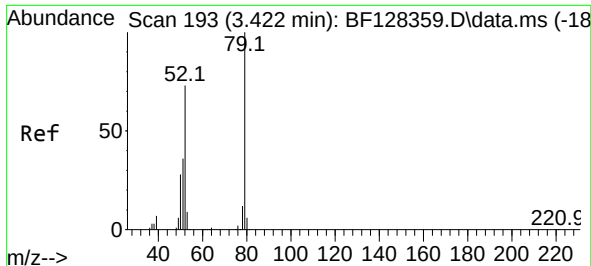
Tgt Ion:152 Resp: 83759
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 62.9 48.8 73.2



#2
 1,4-Dioxane
 Concen: 38.278 ng
 RT: 2.740 min Scan# 77
 Delta R.T. 0.082 min
 Lab File: BF128398.D
 Acq: 23 May 2022 14:05

Tgt Ion: 88 Resp: 98688
 Ion Ratio Lower Upper
 88 100
 58 76.8 61.0 91.4
 43 0.0 24.9 37.3#

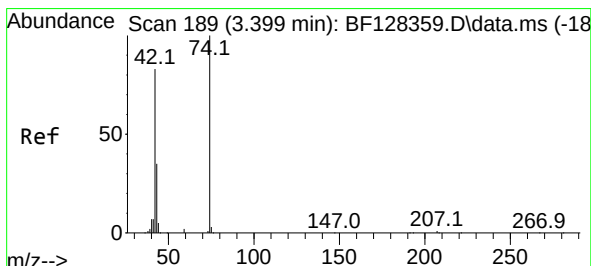
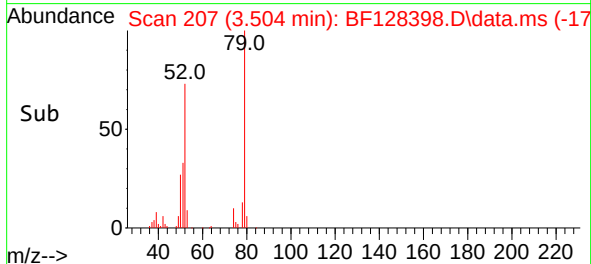
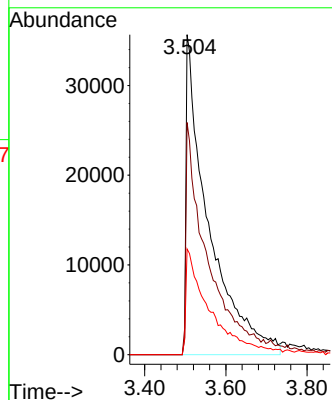
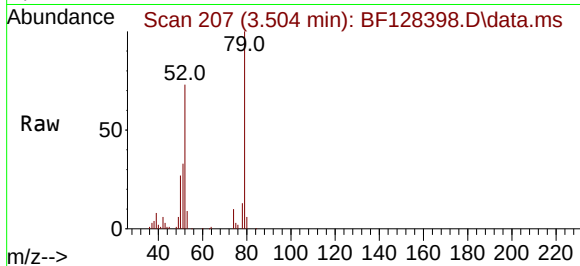




#3
Pyridine
Concen: 20.172 ng
RT: 3.504 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

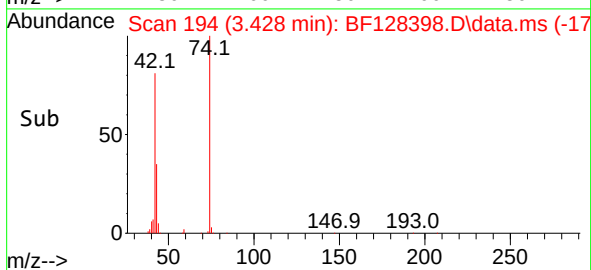
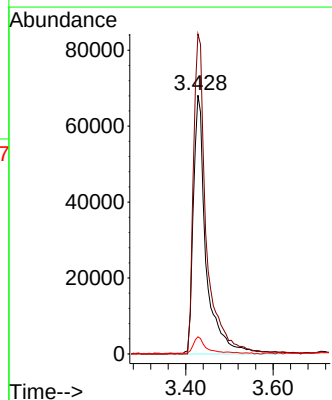
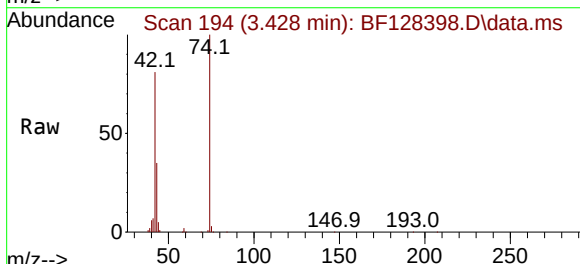
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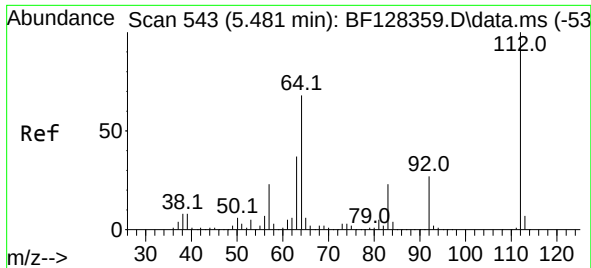
Tgt Ion: 79 Resp: 134685
Ion Ratio Lower Upper
79 100
52 72.5 58.3 87.5
51 33.1 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 43.793 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.029 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion: 42 Resp: 139104
Ion Ratio Lower Upper
42 100
74 123.7 99.0 148.4
44 6.6 5.2 7.8

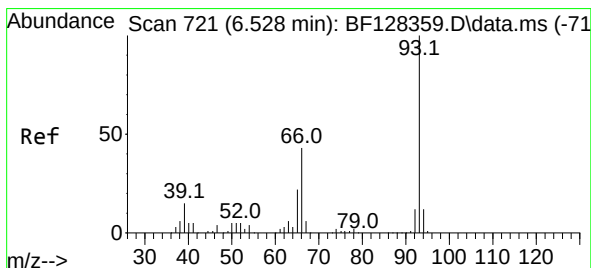
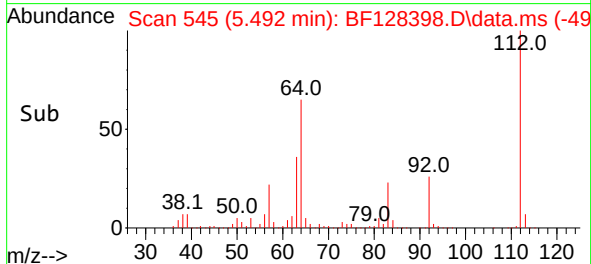
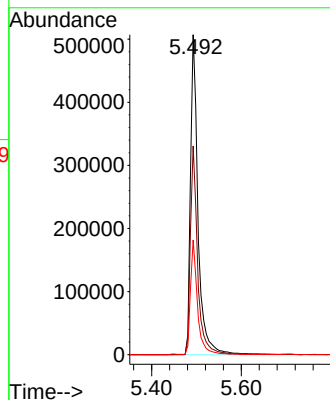
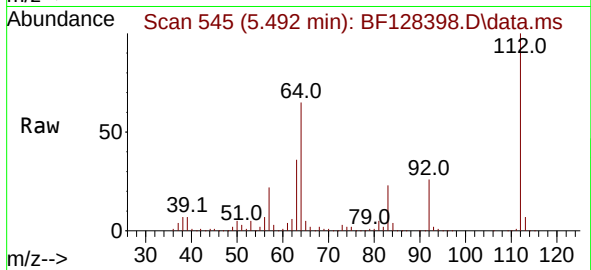




#5
2-Fluorophenol
Concen: 112.892 ng
RT: 5.492 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

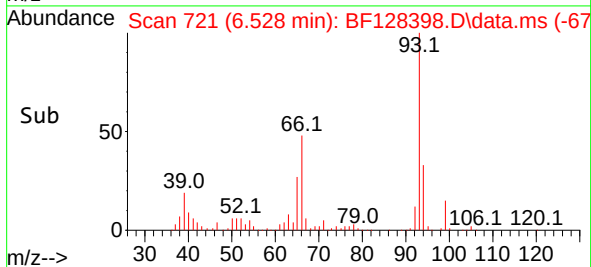
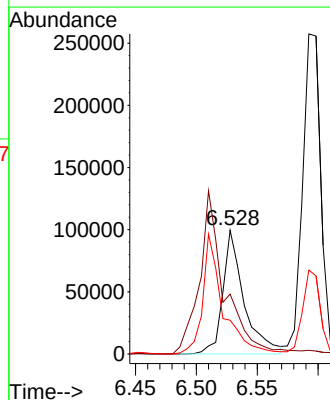
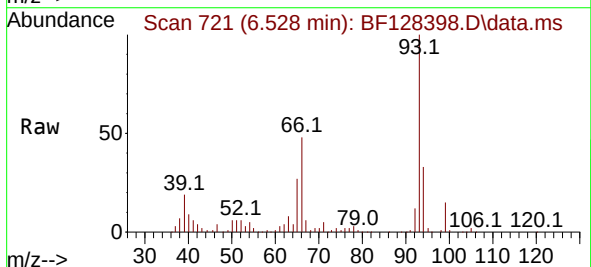
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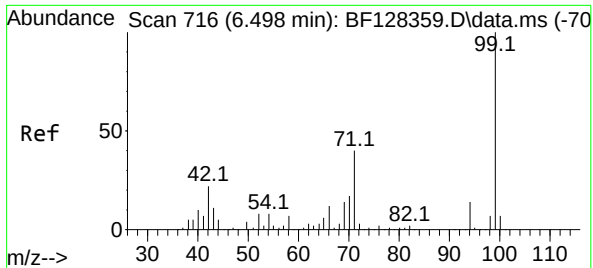
Tgt Ion:112 Resp: 594186
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.9 26.3 39.5



#6
Aniline
Concen: 15.212 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion: 93 Resp: 120588
Ion Ratio Lower Upper
93 100
66 48.4 32.2 48.4#
65 27.3 16.7 25.1#

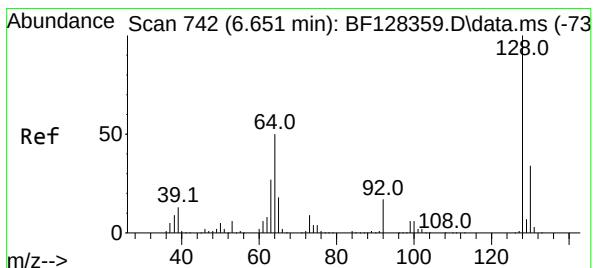
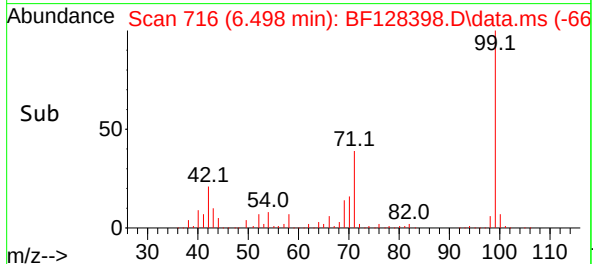
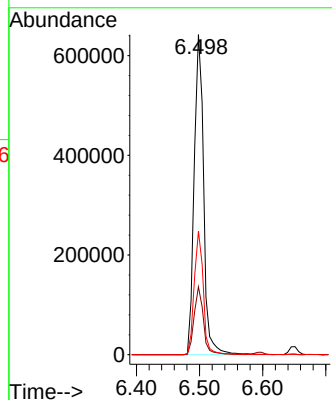
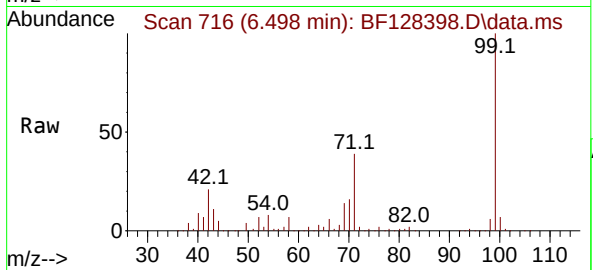




#7
Phenol-d6
Concen: 97.015 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

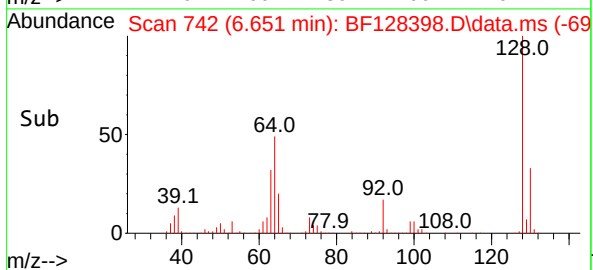
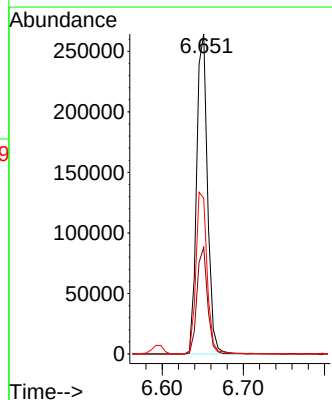
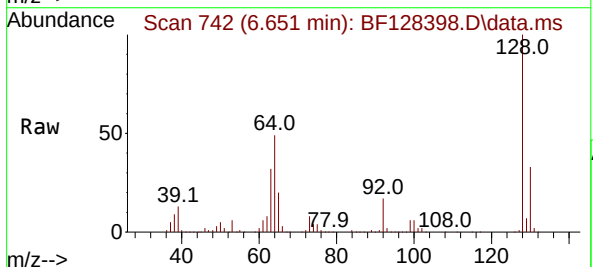
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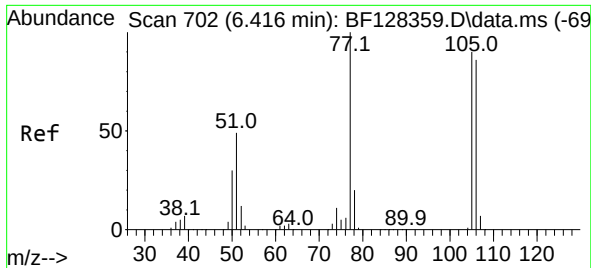
Tgt Ion: 99 Resp: 672378
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.6 30.0 45.0



#8
2-Chlorophenol
Concen: 46.212 ng
RT: 6.651 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion: 128 Resp: 248684
Ion Ratio Lower Upper
128 100
130 33.3 11.6 51.6
64 48.7 33.8 73.8

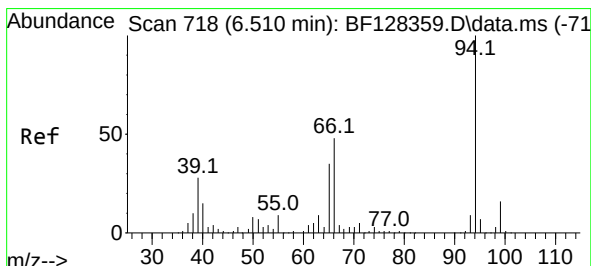
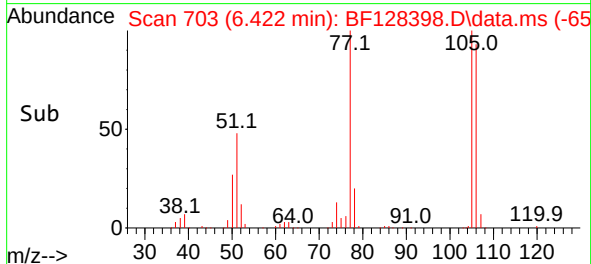
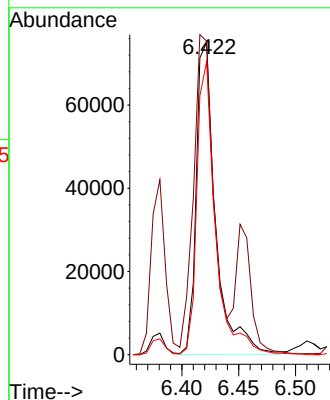
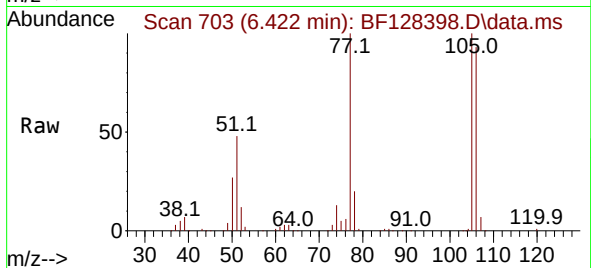




#9
Benzaldehyde
Concen: 20.337 ng
RT: 6.422 min Scan# 702
Delta R.T. 0.006 min
Lab File: BF128398.D
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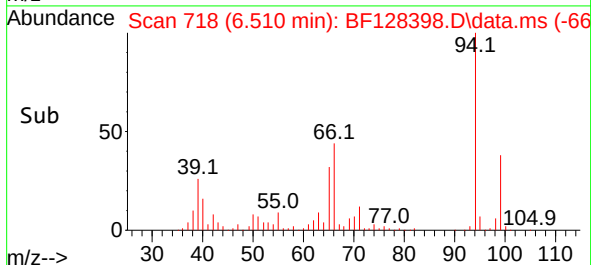
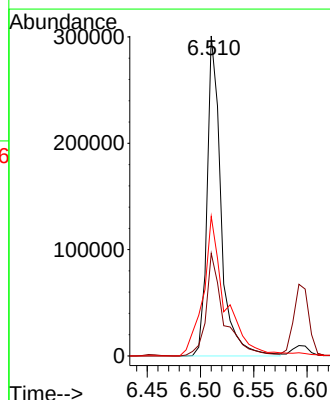
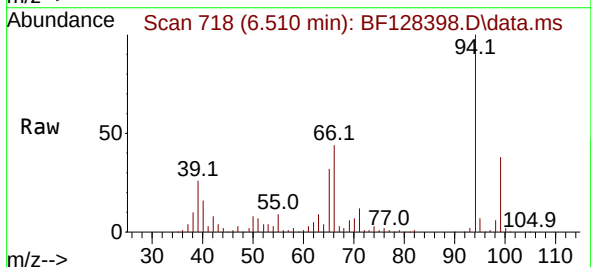
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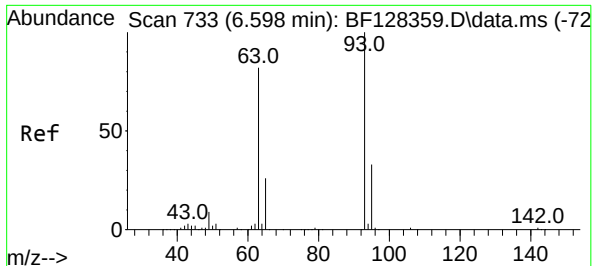
Tgt Ion: 77 Resp: 89014
Ion Ratio Lower Upper
77 100
105 100.5 74.9 114.9
106 93.9 72.2 112.2



#10
Phenol
Concen: 37.096 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF128398.D
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Tgt Ion: 94 Resp: 273410
Ion Ratio Lower Upper
94 100
65 32.0 10.6 50.6
66 43.6 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 48.191 ng

RT: 6.592 min Scan# 732

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

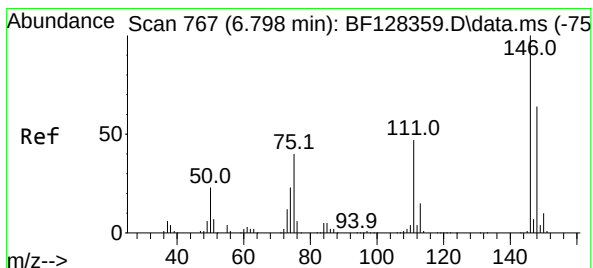
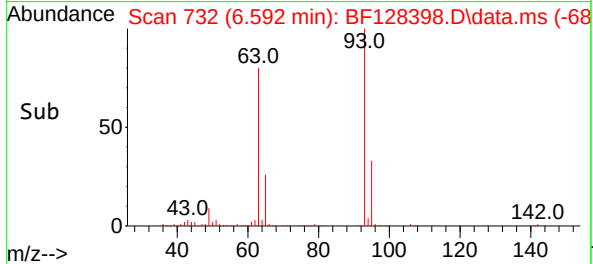
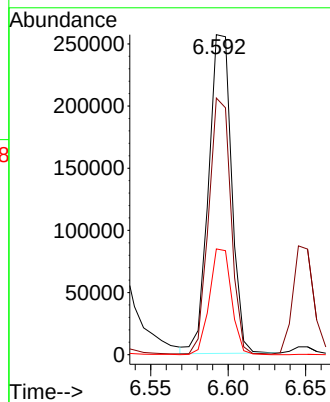
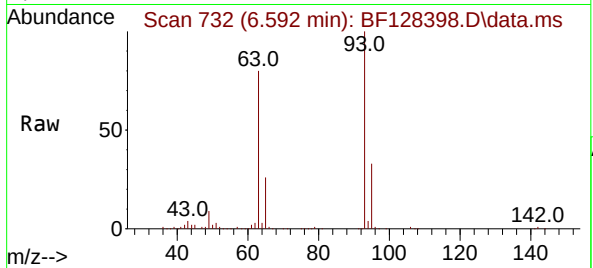
Tgt Ion: 93 Resp: 265078

Ion Ratio Lower Upper

93 100

63 80.2 58.6 98.6

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.931 ng

RT: 6.798 min Scan# 767

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

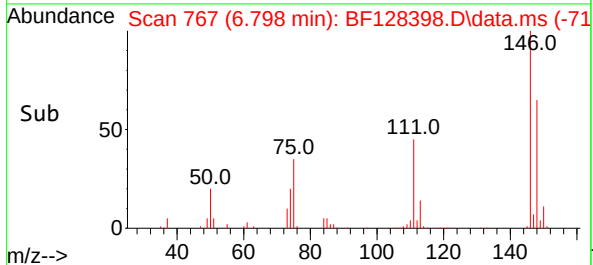
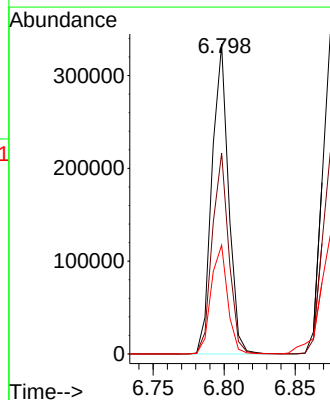
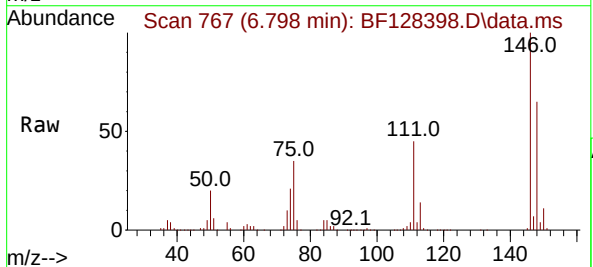
Tgt Ion:146 Resp: 271517

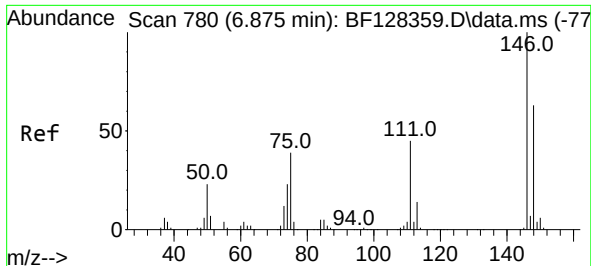
Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

75 35.1 26.2 39.4

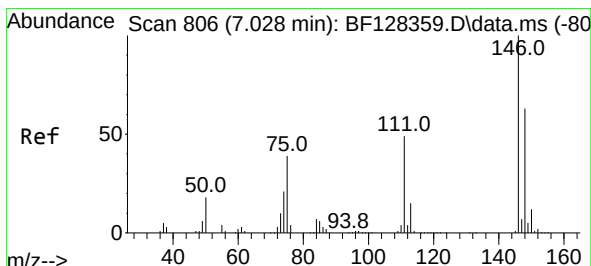
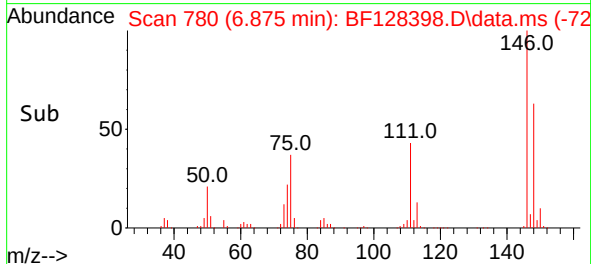
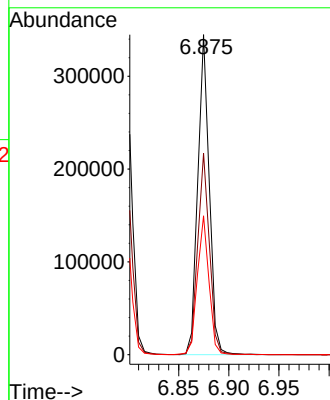
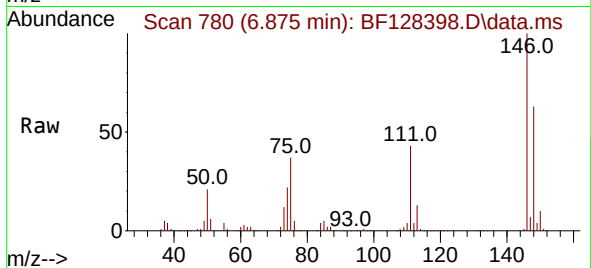




#13
1,4-Dichlorobenzene
Concen: 44.691 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

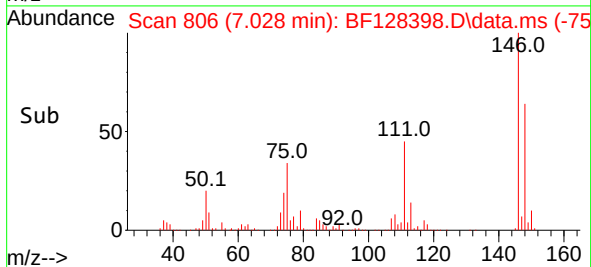
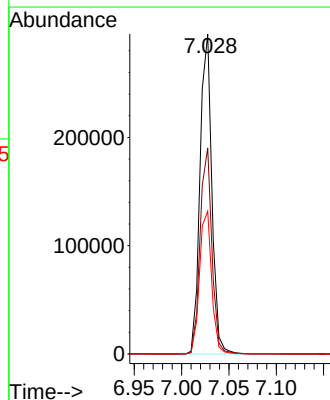
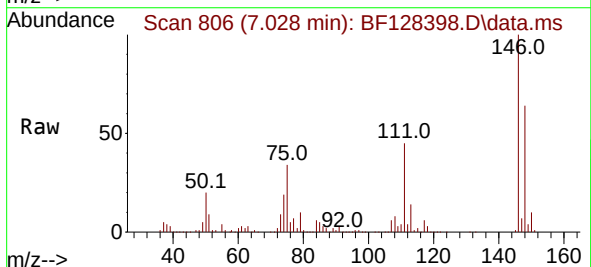
Instrument :
BNA_F
ClientSampleId :
284MSD

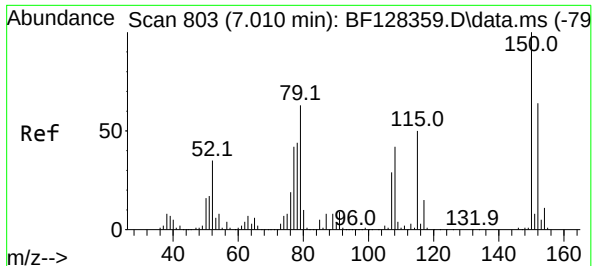
Tgt Ion:146 Resp: 274049
Ion Ratio Lower Upper
146 100
148 63.0 52.3 78.5
111 43.4 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 45.418 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:146 Resp: 258237
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 44.6 36.6 55.0

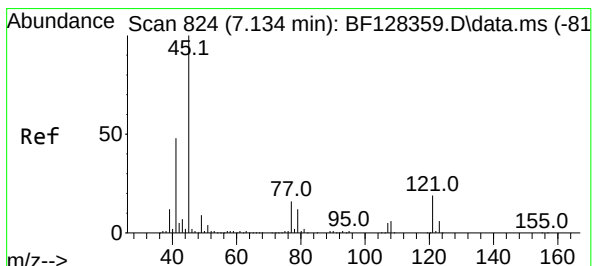
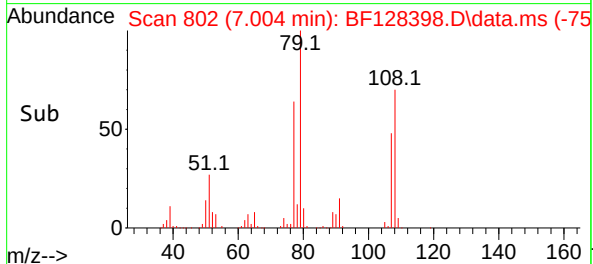
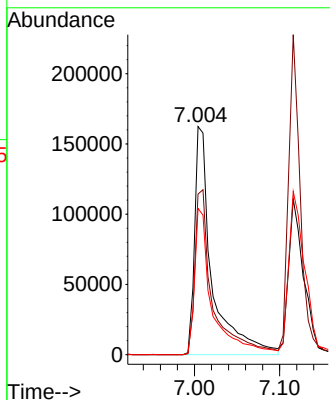
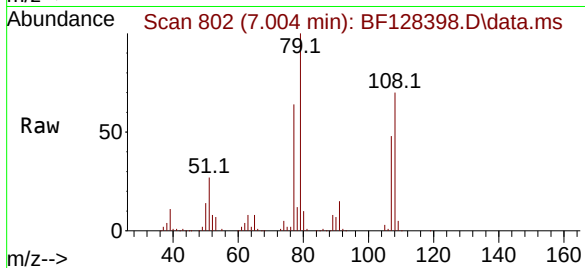




#15
Benzyl Alcohol
Concen: 45.538 ng
RT: 7.004 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

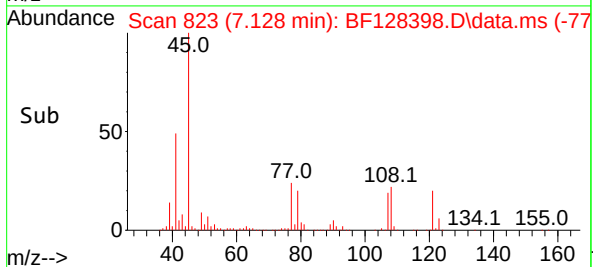
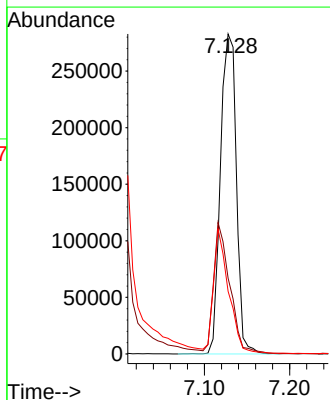
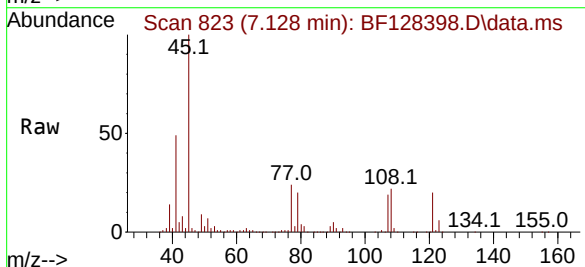
Instrument :
BNA_F
ClientSampleId :
284MSD

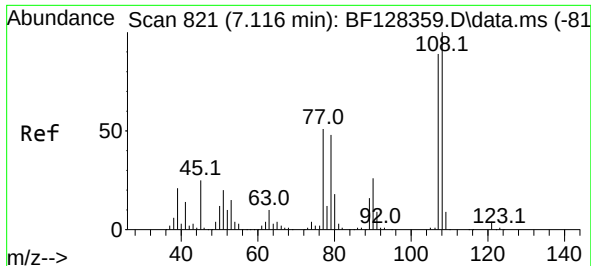
Tgt Ion: 79 Resp: 233647
Ion Ratio Lower Upper
79 100
108 70.4 57.0 85.6
77 64.1 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.262 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion: 45 Resp: 367140
Ion Ratio Lower Upper
45 100
77 23.7 0.0 34.9
79 19.5 0.0 31.6





#17

2-Methylphenol

Concen: 43.075 ng

RT: 7.116 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

Tgt Ion:107 Resp: 194662

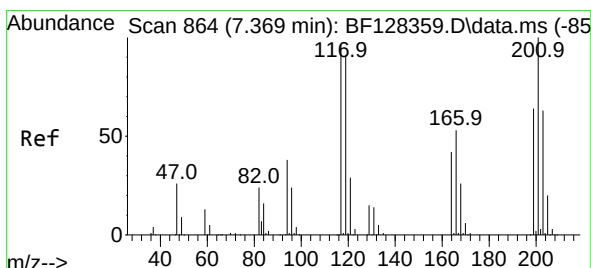
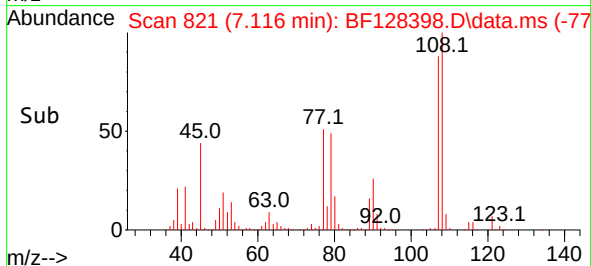
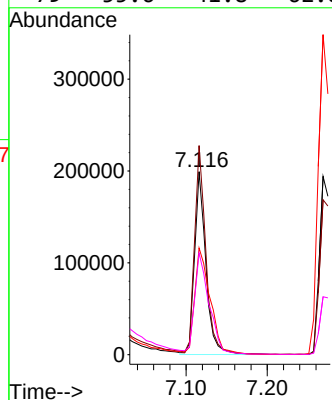
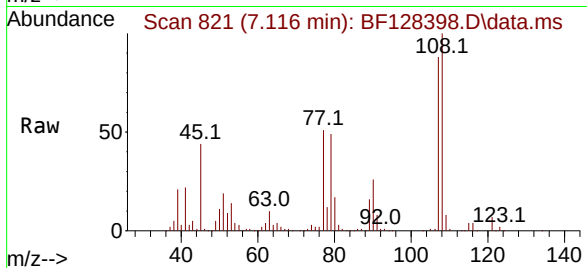
Ion Ratio Lower Upper

107 100

108 114.3 90.2 135.2

77 58.3 41.9 62.9

79 55.6 41.8 62.8



#18

Hexachloroethane

Concen: 46.188 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

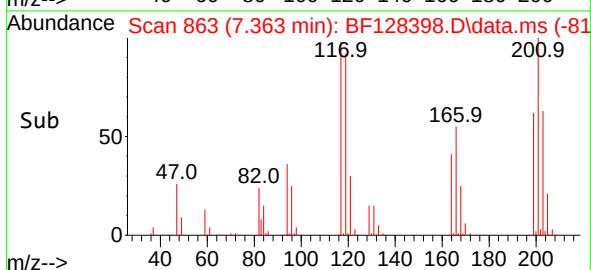
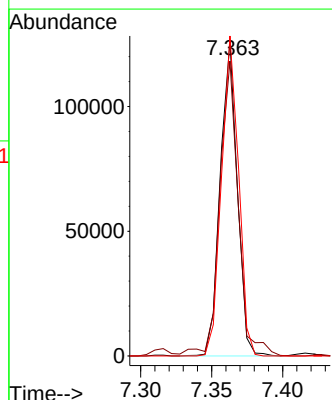
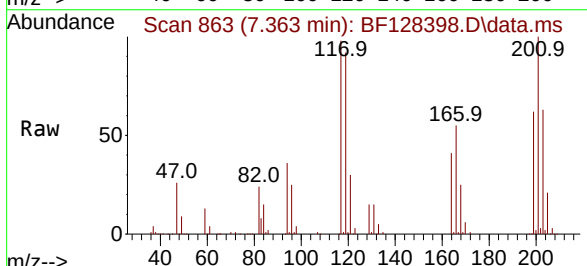
Tgt Ion:117 Resp: 104921

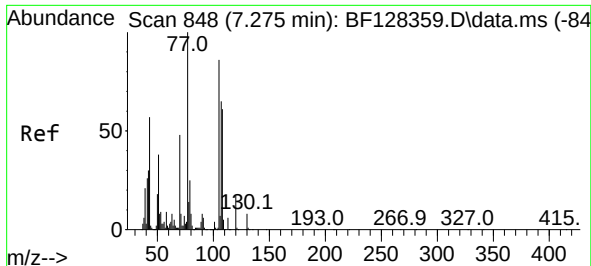
Ion Ratio Lower Upper

117 100

119 93.6 76.2 114.4

201 101.6 84.4 126.6



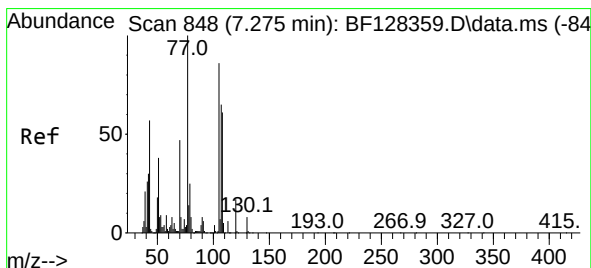
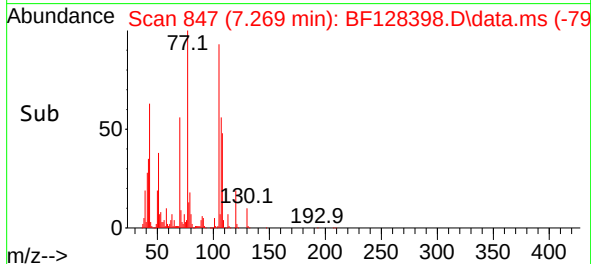
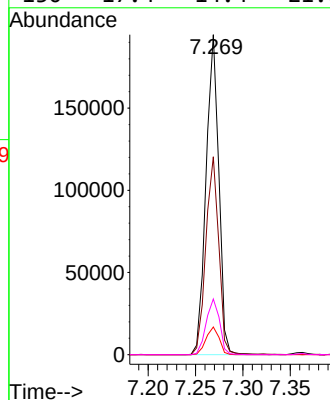
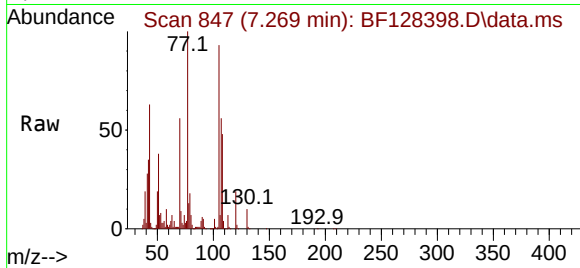


#19
n-Nitroso-di-n-propylamine
Concen: 43.975 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

Tgt Ion: 70 Resp: 182280

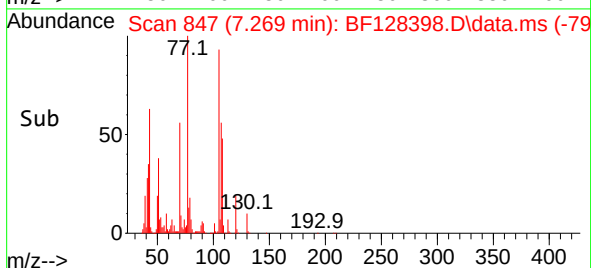
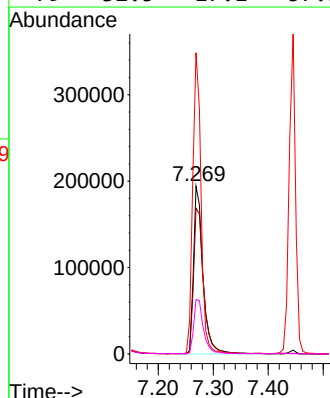
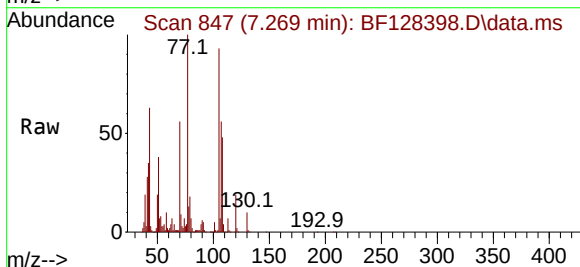
Ion	Ratio	Lower	Upper
70	100		
42	61.9	48.7	73.1
101	8.7	7.2	10.8
130	17.4	14.4	21.6

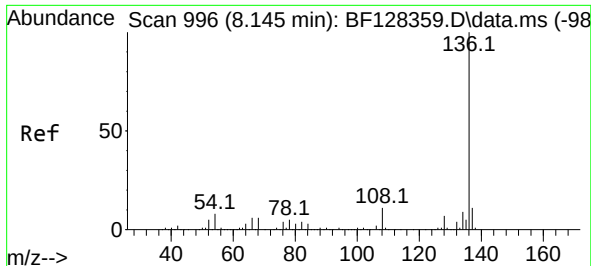


#20
3+4-Methylphenols
Concen: 42.734 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion: 107 Resp: 232518

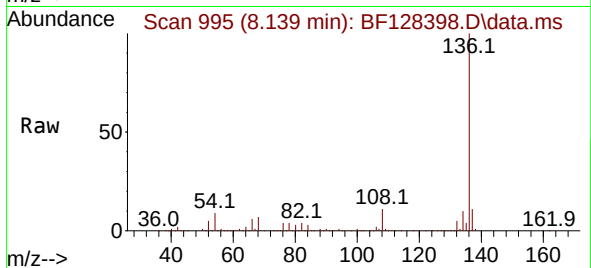
Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.4	113.4
77	179.5	71.1	111.1#
79	32.5	17.1	57.1



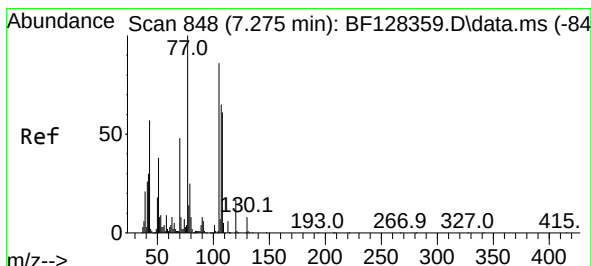
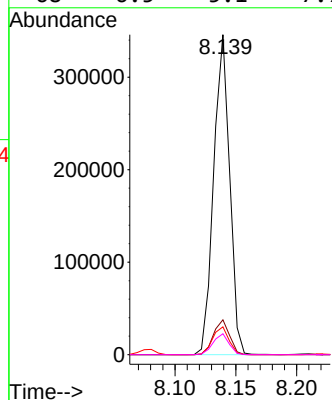
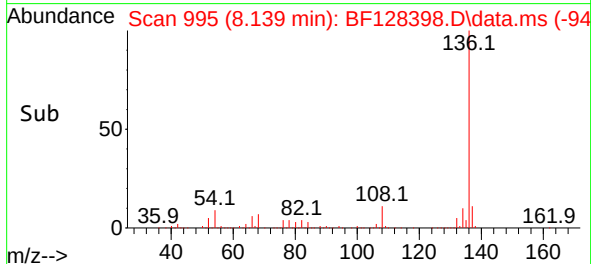


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

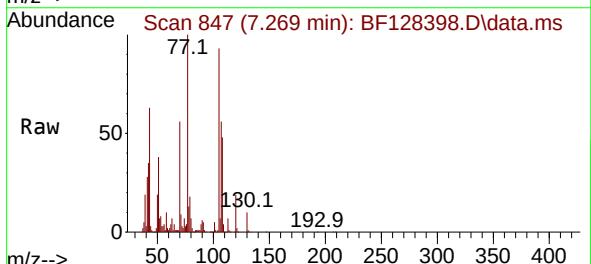
Instrument :
BNA_F
ClientSampleId :
284MSD



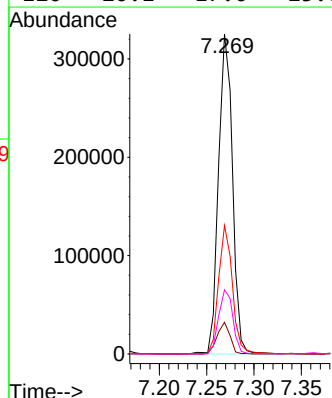
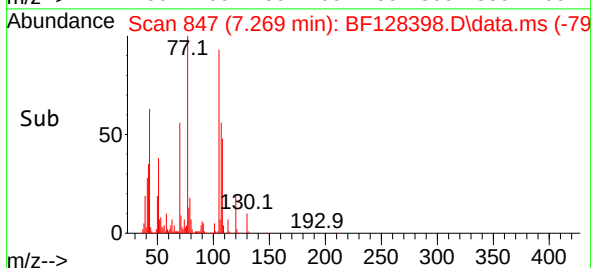
Tgt Ion:136 Resp: 316301
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.8 10.2
68 6.5 5.1 7.7

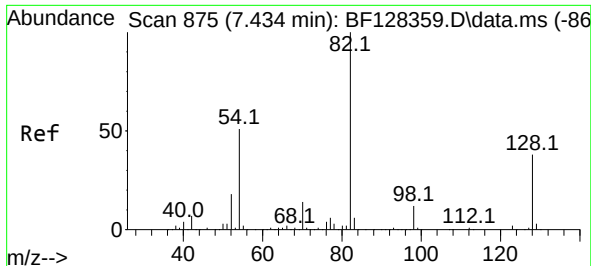


#22
Acetophenone
Concen: 43.392 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:105 Resp: 334133
Ion Ratio Lower Upper
105 100
71 9.9 7.3 10.9
51 40.2 23.7 35.5#
120 20.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.239 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

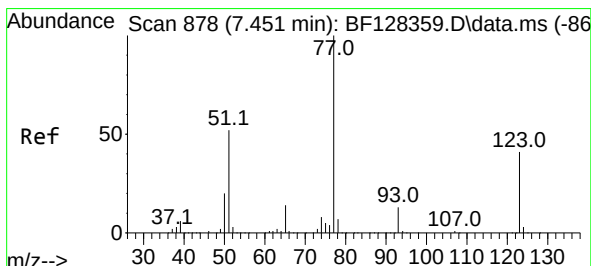
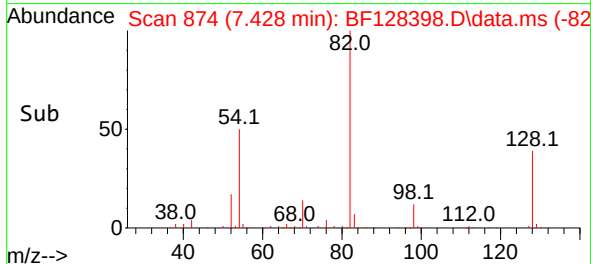
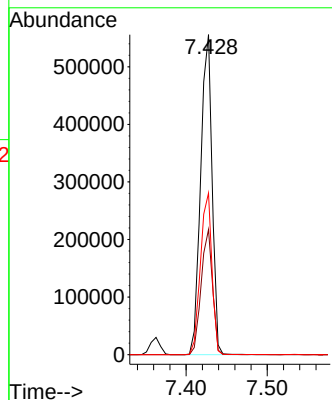
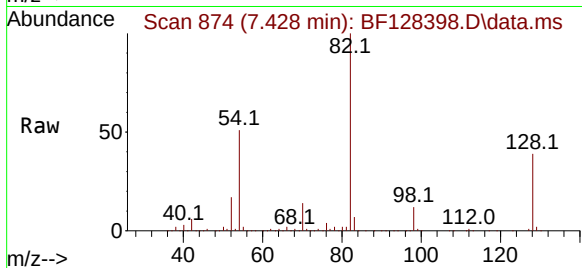
Tgt Ion: 82 Resp: 545270

Ion Ratio Lower Upper

82 100

128 39.1 30.0 45.0

54 50.5 41.3 61.9



#24

Nitrobenzene

Concen: 44.975 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

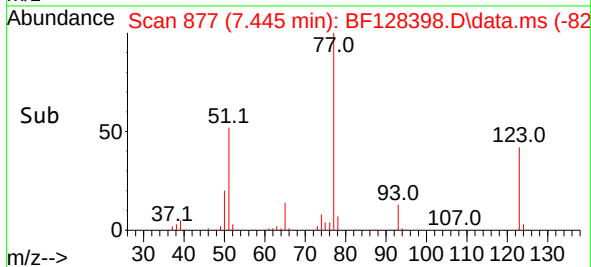
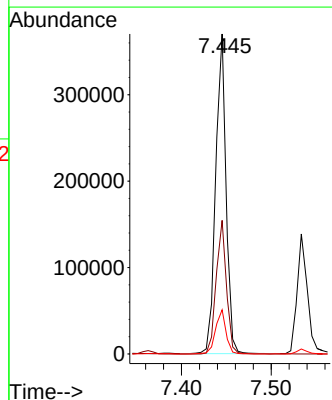
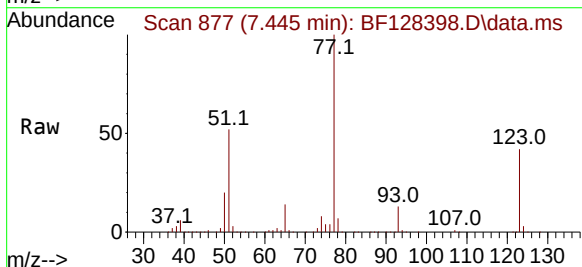
Tgt Ion: 77 Resp: 297172

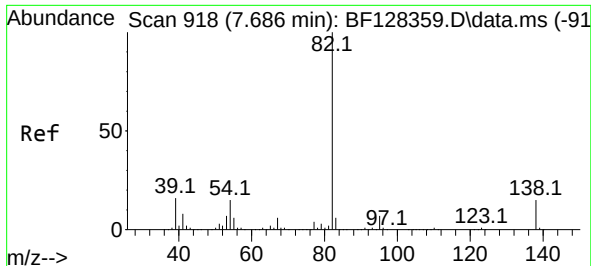
Ion Ratio Lower Upper

77 100

123 41.7 32.0 48.0

65 13.8 11.0 16.6

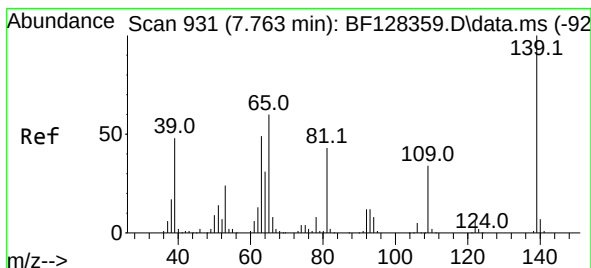
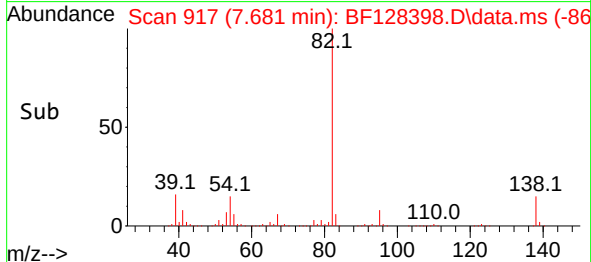
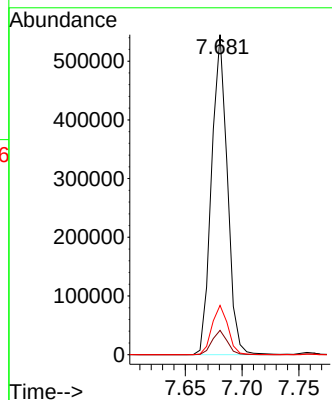
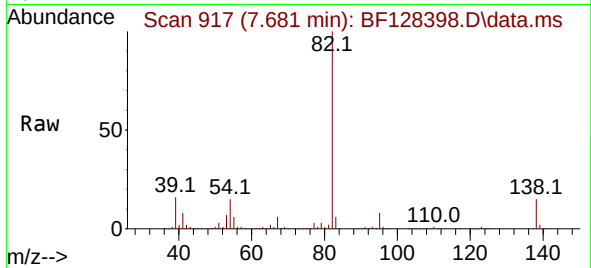




#25
Isophorone
Concen: 48.767 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

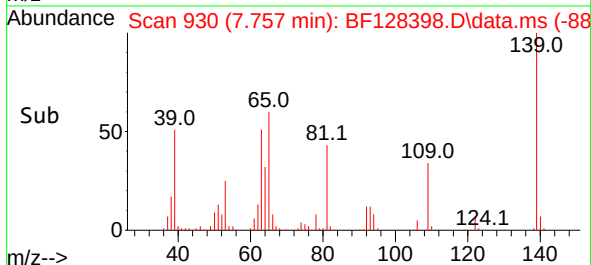
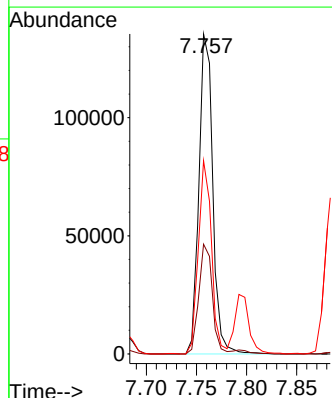
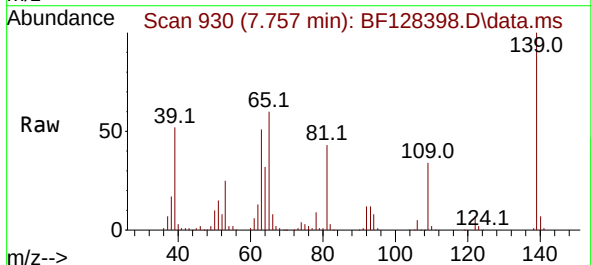
Instrument :
BNA_F
ClientSampleId :
284MSD

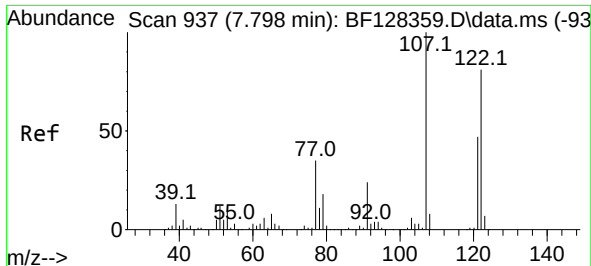
Tgt Ion: 82 Resp: 527583
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 15.4 12.5 18.7



#26
2-Nitrophenol
Concen: 45.556 ng
RT: 7.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:139 Resp: 130447
Ion Ratio Lower Upper
139 100
109 34.3 27.4 41.2
65 60.4 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 51.423 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

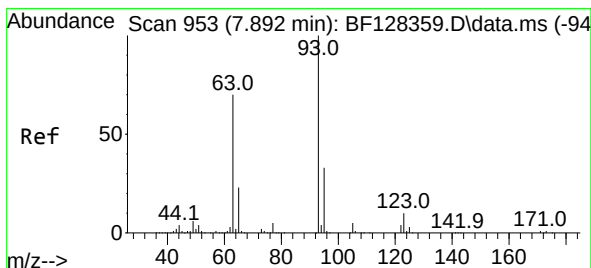
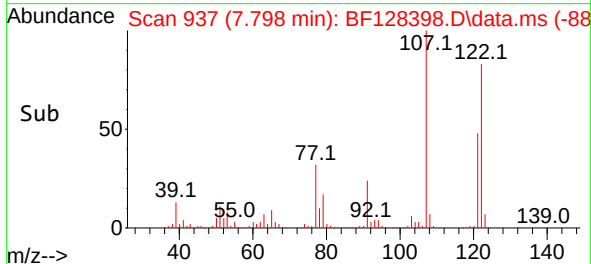
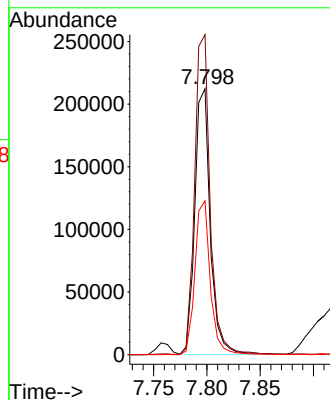
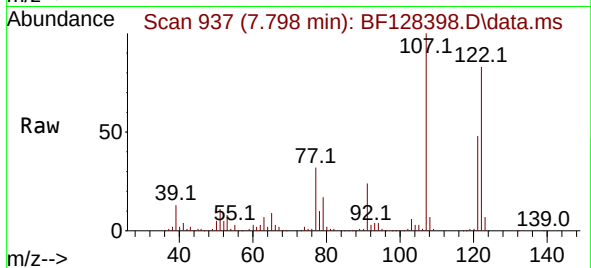
Tgt Ion:122 Resp: 214390

Ion Ratio Lower Upper

122 100

107 120.3 97.5 146.3

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.625 ng

RT: 7.886 min Scan# 952

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

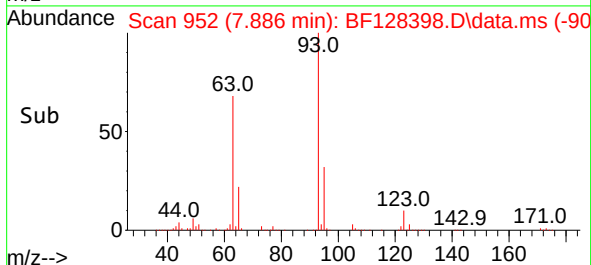
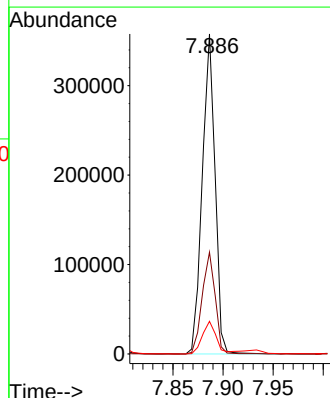
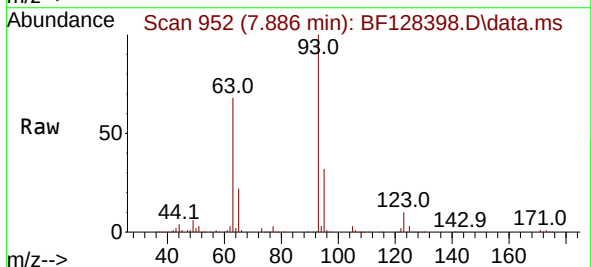
Tgt Ion: 93 Resp: 318804

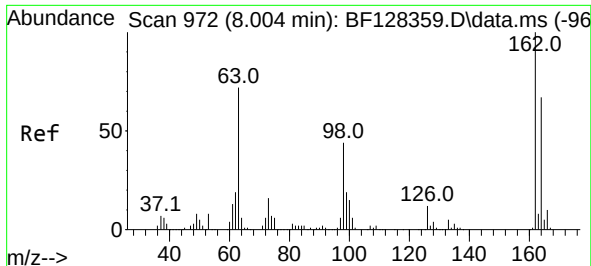
Ion Ratio Lower Upper

93 100

95 31.8 25.7 38.5

123 10.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.822 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

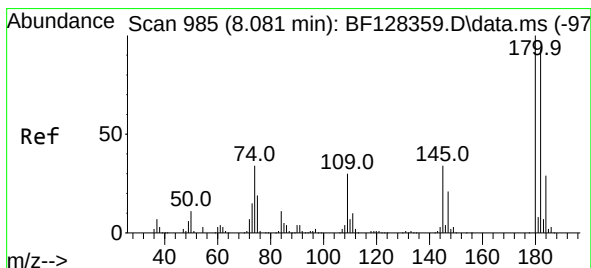
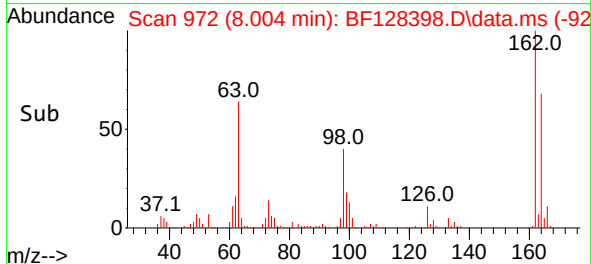
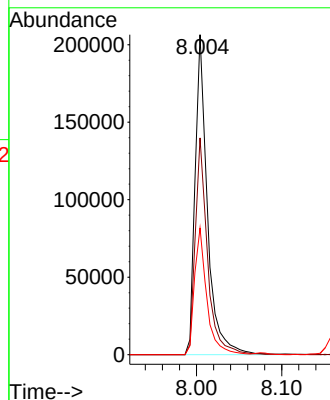
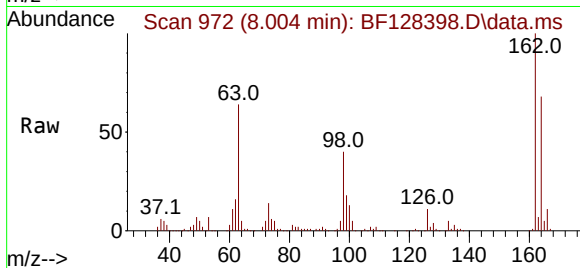
Tgt Ion:162 Resp: 207076

Ion Ratio Lower Upper

162 100

164 67.8 47.1 87.1

98 39.6 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 44.797 ng

RT: 8.081 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

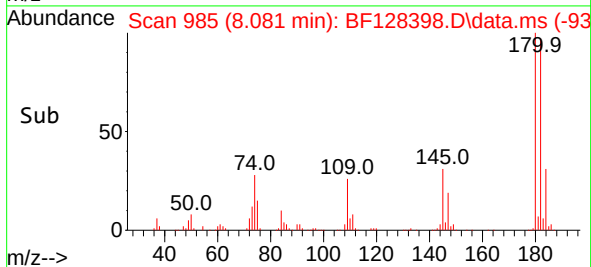
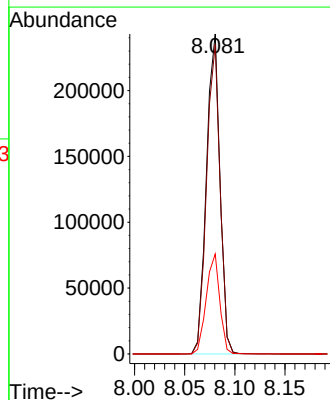
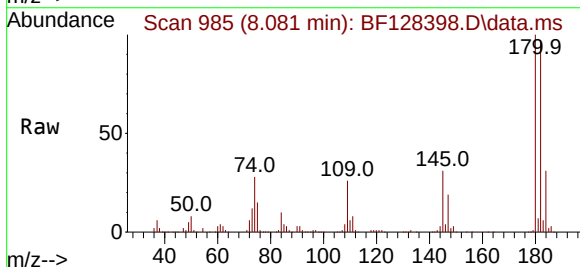
Tgt Ion:180 Resp: 229885

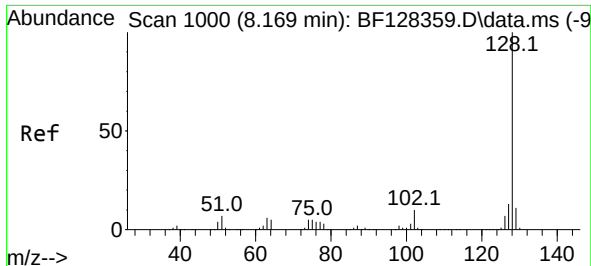
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 31.3 25.1 37.7





#31

Naphthalene

Concen: 46.703 ng

RT: 8.163 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

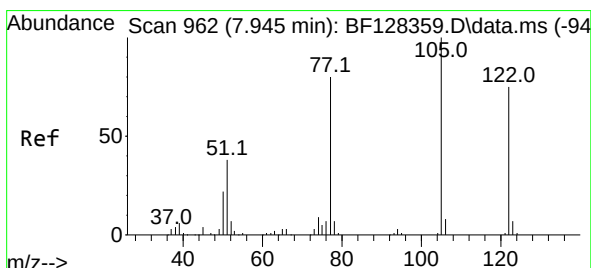
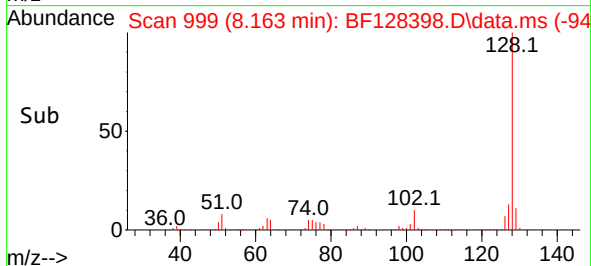
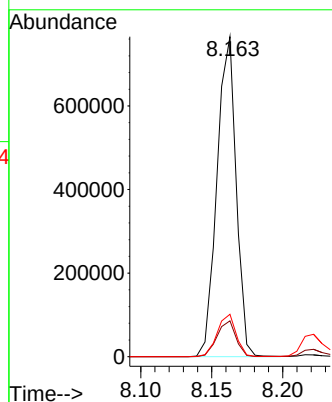
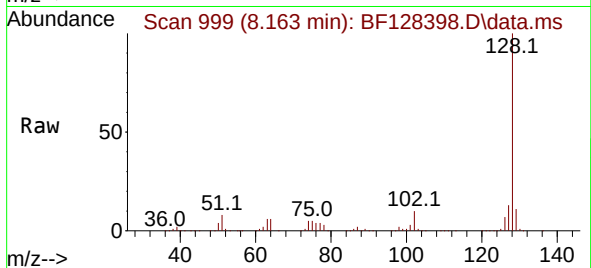
Tgt Ion:128 Resp: 719872

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 41.296 ng

RT: 7.933 min Scan# 960

Delta R.T. -0.012 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

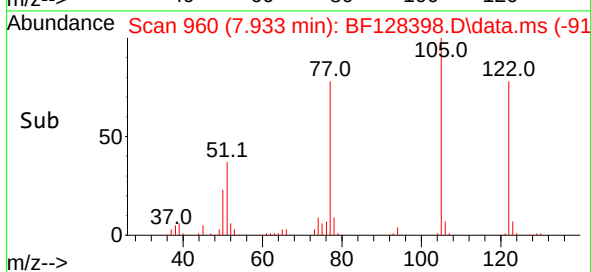
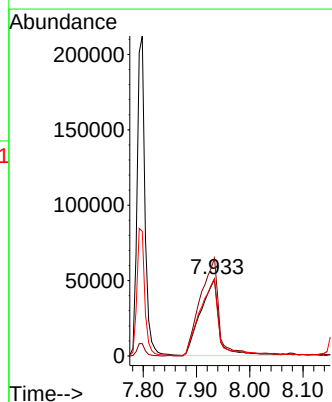
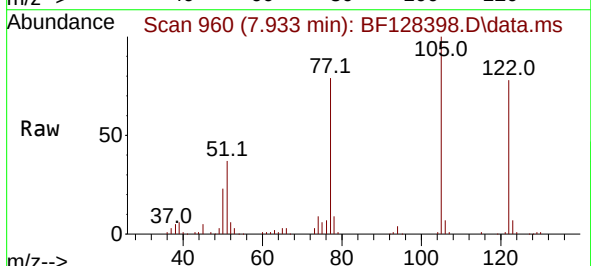
Tgt Ion:122 Resp: 122589

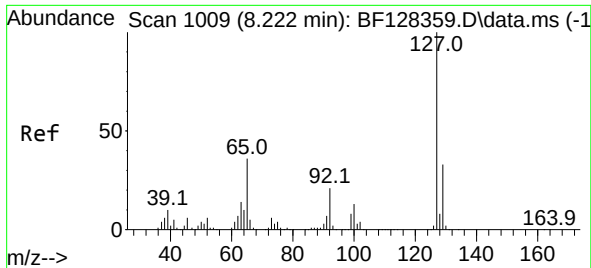
Ion Ratio Lower Upper

122 100

105 127.6 107.9 147.9

77 100.8 82.5 122.5

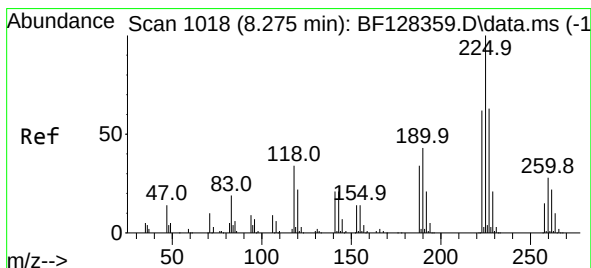
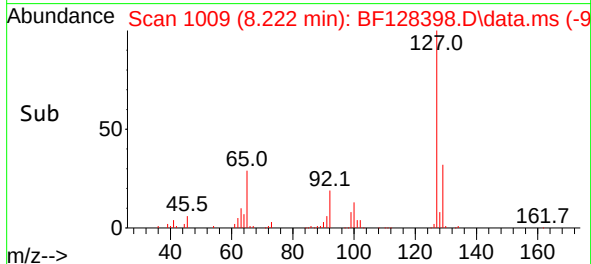
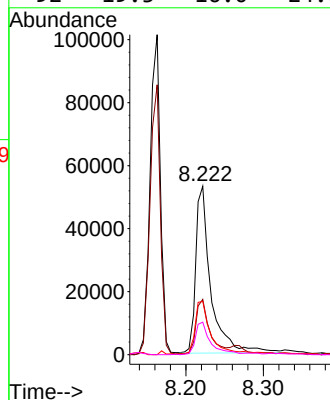
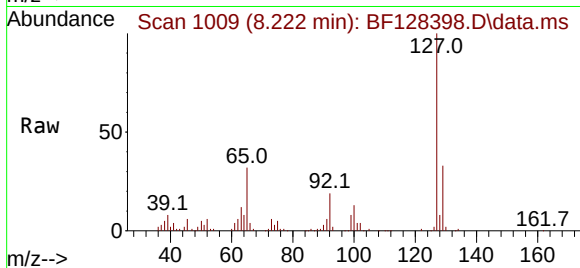




#33
4-Chloroaniline
Concen: 11.635 ng
RT: 8.222 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

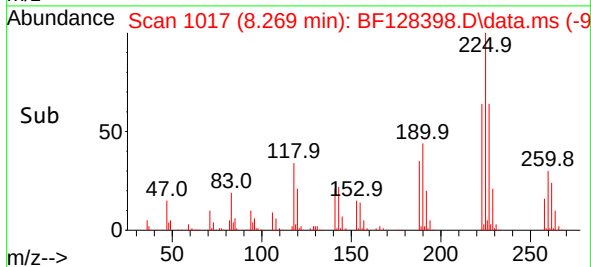
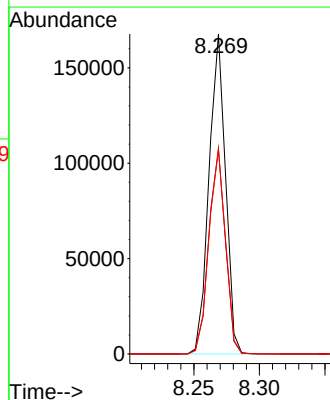
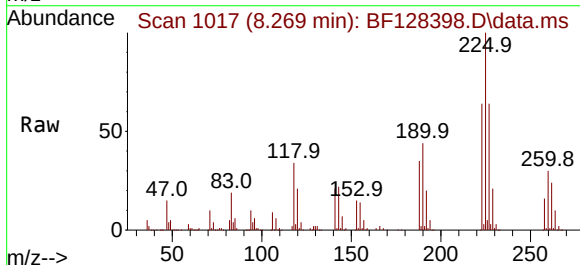
Instrument :
BNA_F
ClientSampleId :
284MSD

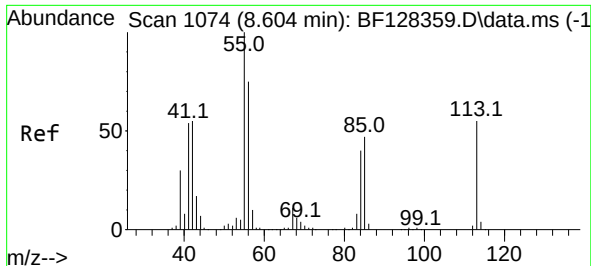
Tgt Ion:127	Resp:	71766
Ion	Ratio	Lower Upper
127	100	
129	32.9	25.8 38.8
65	31.6	26.7 40.1
92	19.3	16.0 24.0



#34
Hexachlorobutadiene
Concen: 44.178 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:225	Resp:	146831
Ion	Ratio	Lower Upper
225	100	
223	64.3	52.0 78.0
227	63.8	50.7 76.1

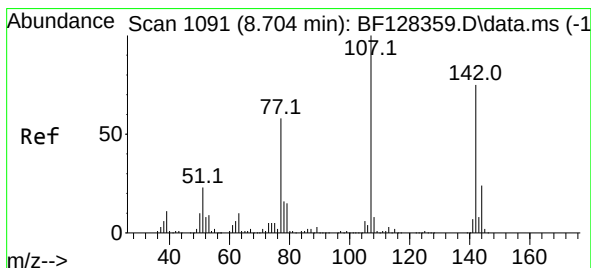
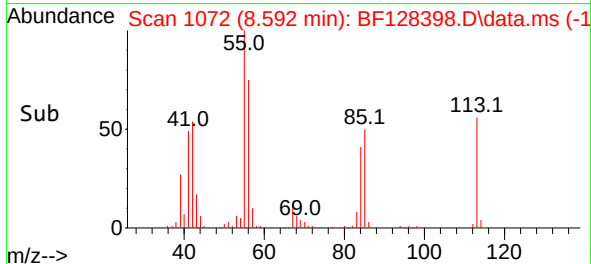
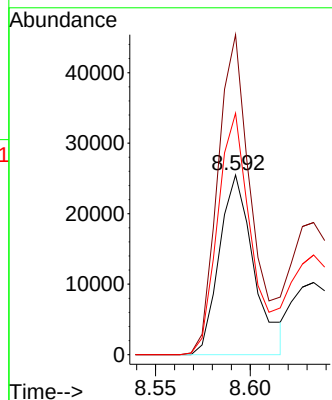
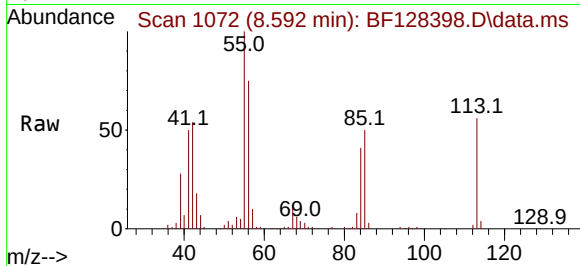




#35
 Caprolactam
 Concen: 22.252 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. -0.012 min
 Lab File: BF128398.D
 Acq: 23 May 2022 14:05

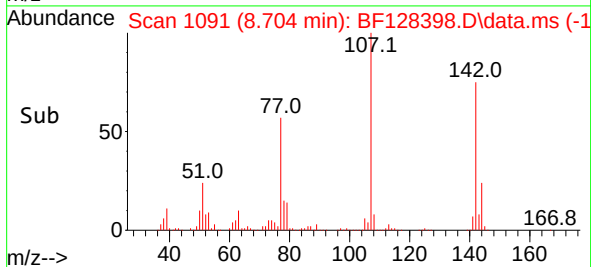
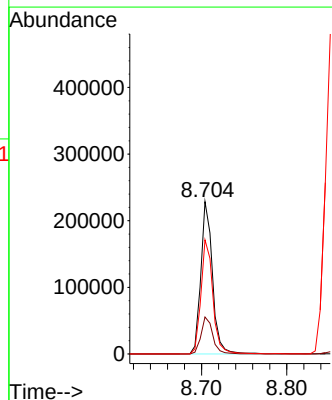
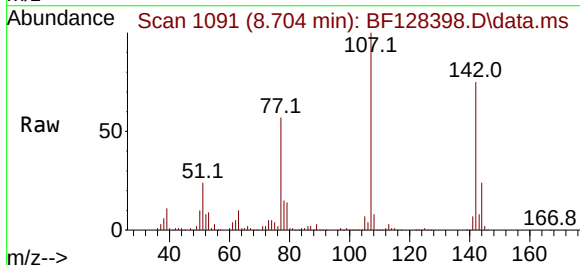
Instrument :
 BNA_F
 ClientSampleId :
 284MSD

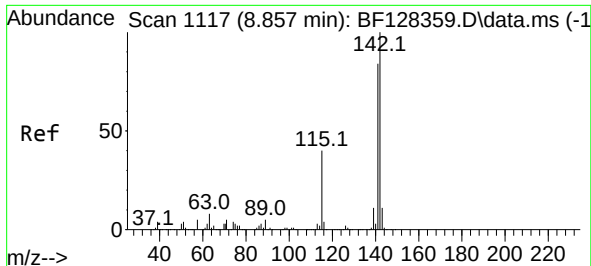
Tgt Ion:113 Resp: 32459
 Ion Ratio Lower Upper
 113 100
 55 178.0 157.4 197.4
 56 134.3 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.565 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: BF128398.D
 Acq: 23 May 2022 14:05

Tgt Ion:107 Resp: 218245
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.2 30.4
 142 74.9 61.5 92.3

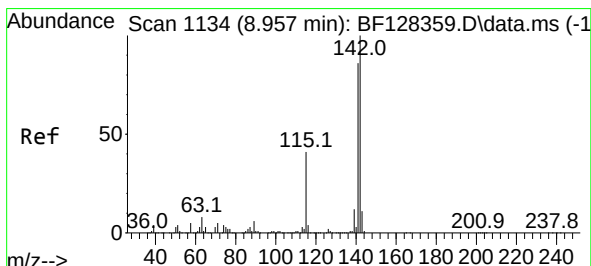
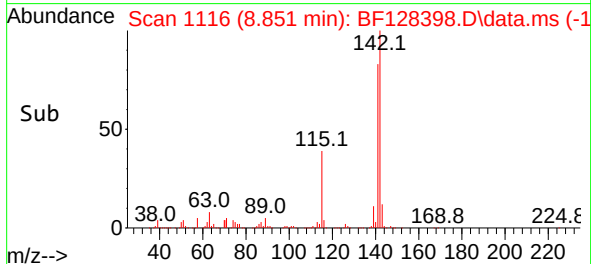
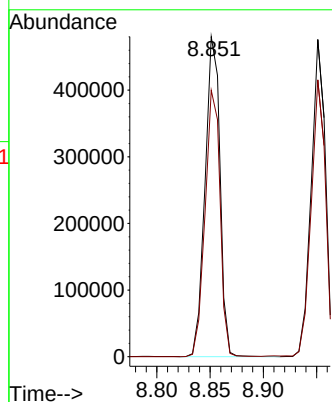
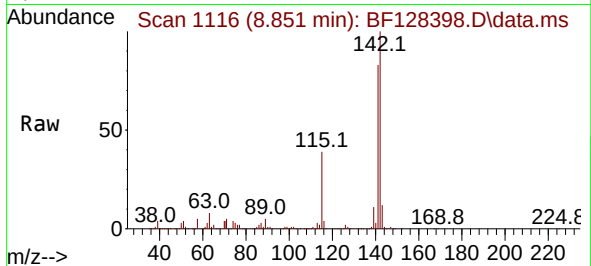




#37
2-Methylnaphthalene
Concen: 46.450 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

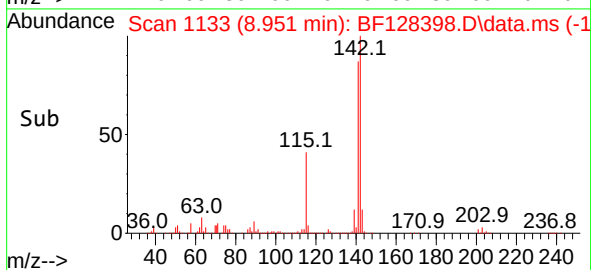
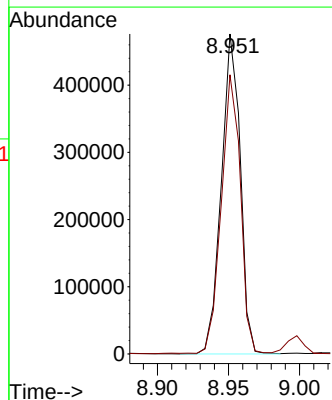
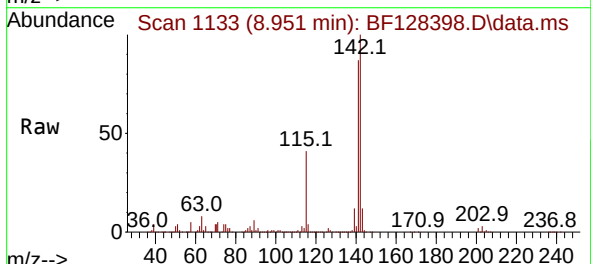
Instrument :
BNA_F
ClientSampleId :
284MSD

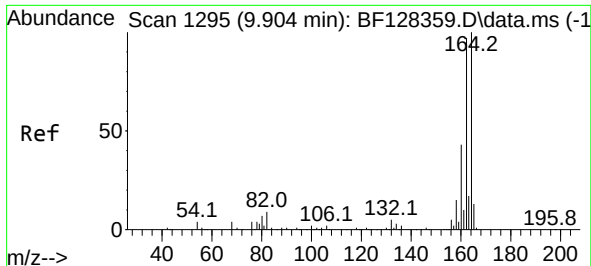
Tgt Ion:142 Resp: 469464
Ion Ratio Lower Upper
142 100
141 83.3 67.4 101.2



#38
1-Methylnaphthalene
Concen: 45.236 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:142 Resp: 439772
Ion Ratio Lower Upper
142 100
141 87.3 70.1 105.1

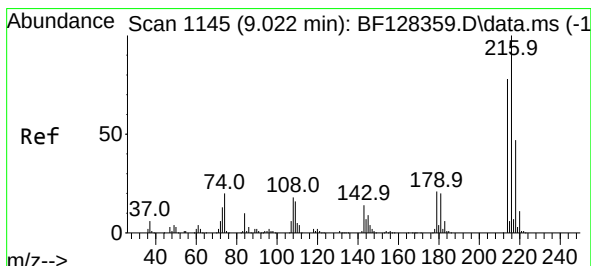
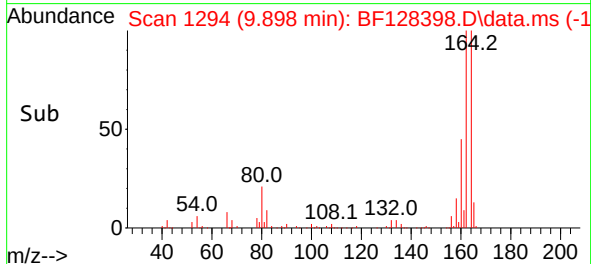
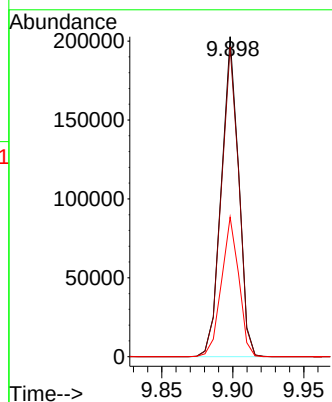
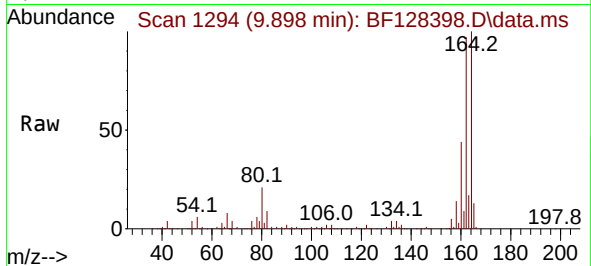




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

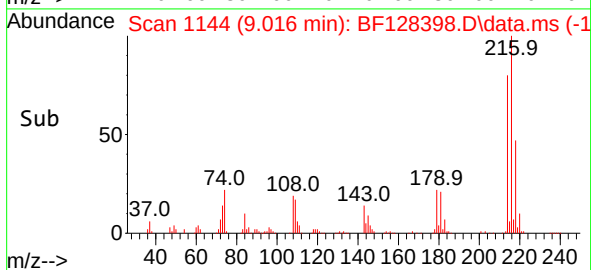
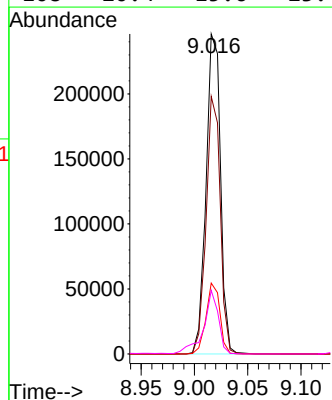
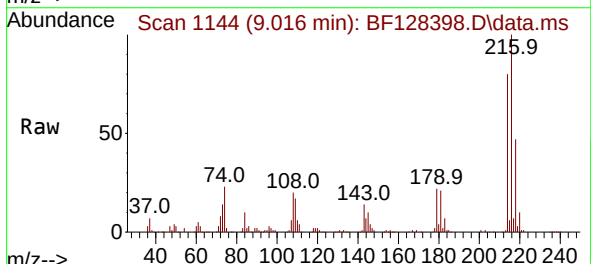
Instrument :
BNA_F
ClientSampleId :
284MSD

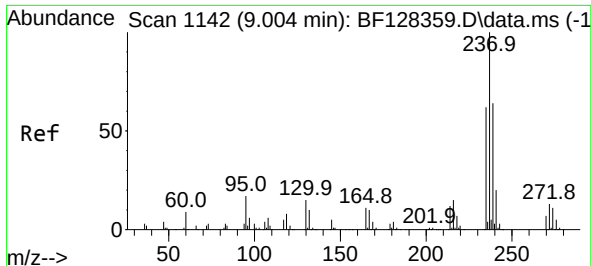
Tgt Ion:164 Resp: 170876
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.6 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.758 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:216 Resp: 232978
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
179 21.2 16.9 25.3
108 20.4 15.6 23.4

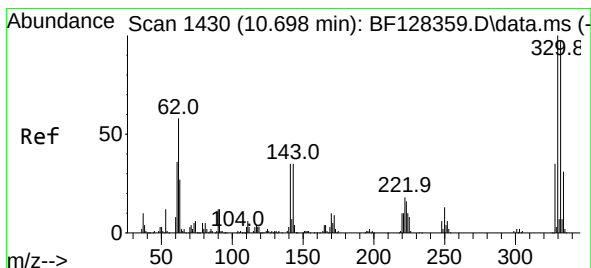
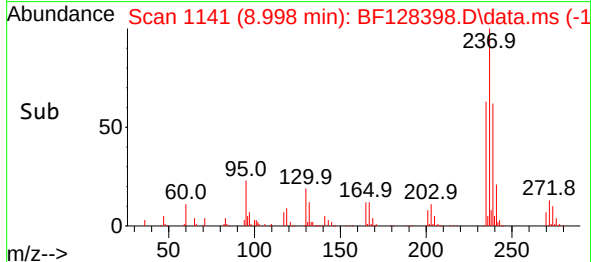
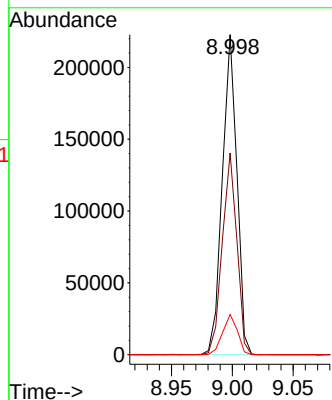
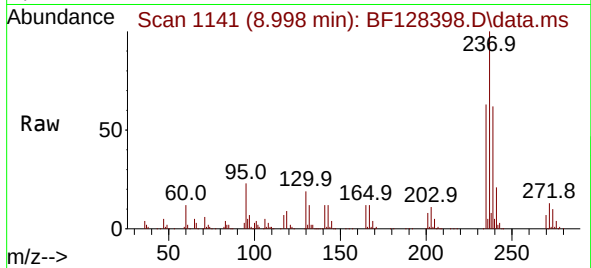




#41
Hexachlorocyclopentadiene
Concen: 100.977 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

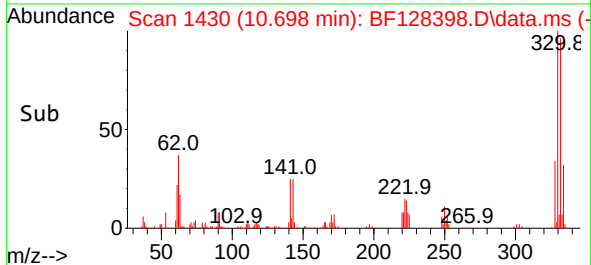
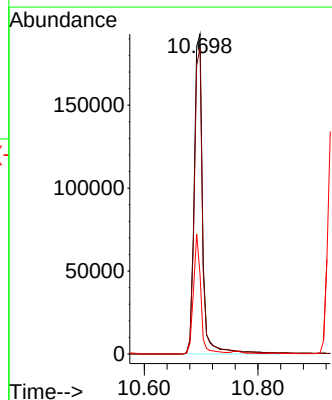
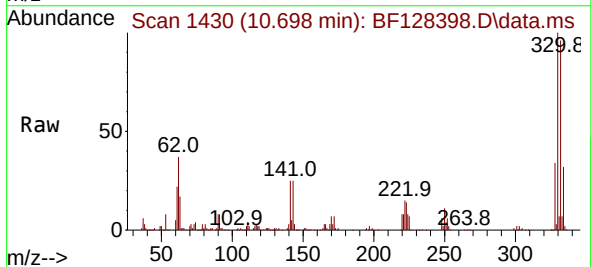
Instrument :
BNA_F
ClientSampleId :
284MSD

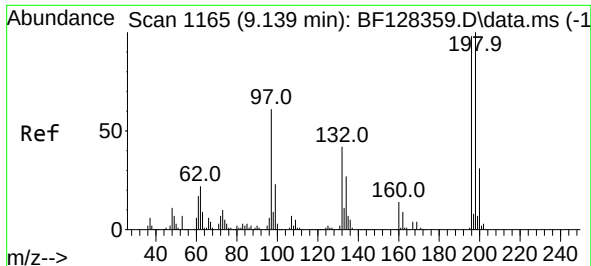
Tgt Ion:237 Resp: 186070
Ion Ratio Lower Upper
237 100
235 63.0 43.6 83.6
272 12.6 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 113.521 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:330 Resp: 200051
Ion Ratio Lower Upper
330 100
332 93.2 79.0 118.4
141 32.5 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 44.803 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

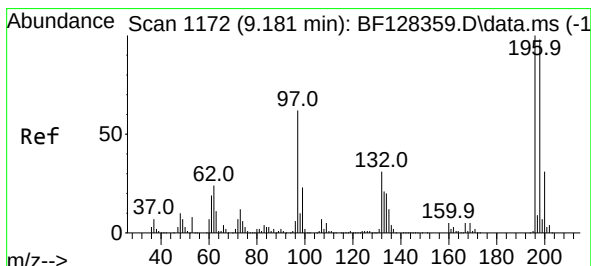
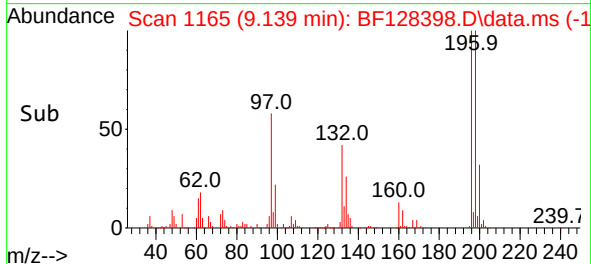
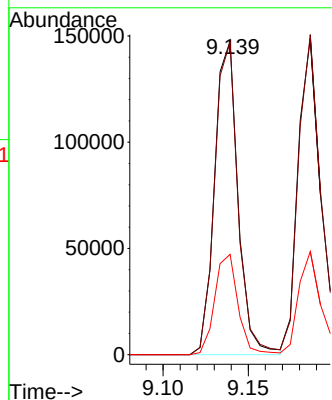
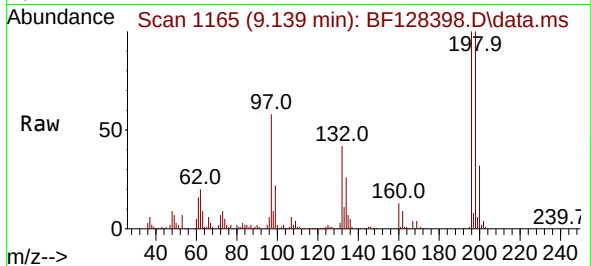
Tgt Ion:196 Resp: 140891

Ion Ratio Lower Upper

196 100

198 99.7 80.4 120.6

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.907 ng

RT: 9.186 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Tgt Ion:196 Resp: 146873

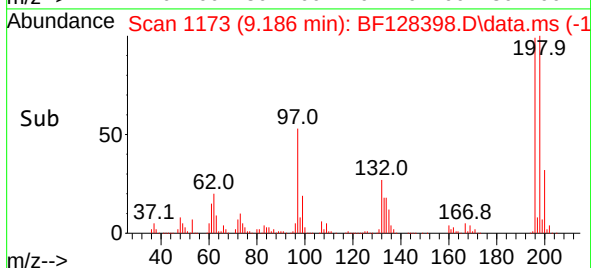
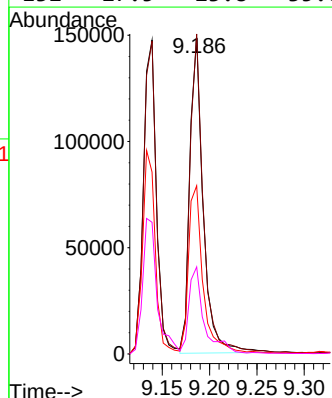
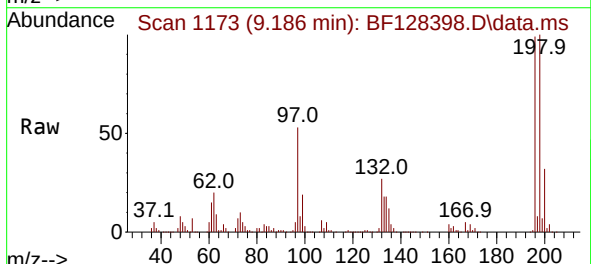
Ion Ratio Lower Upper

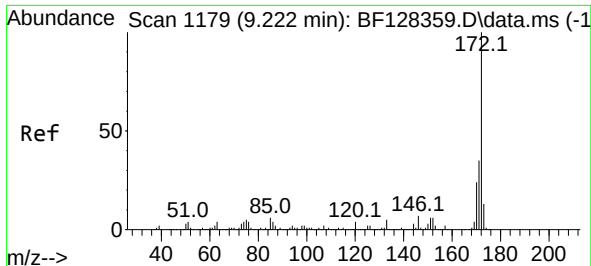
196 100

198 101.2 80.2 120.2

97 53.1 50.3 75.5

132 27.5 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 84.337 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

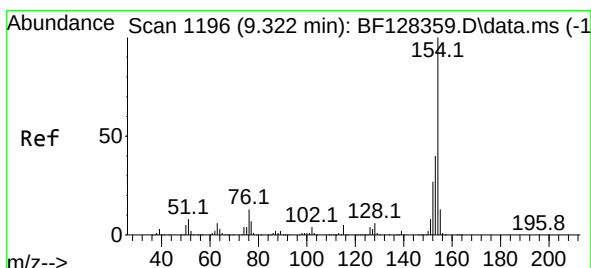
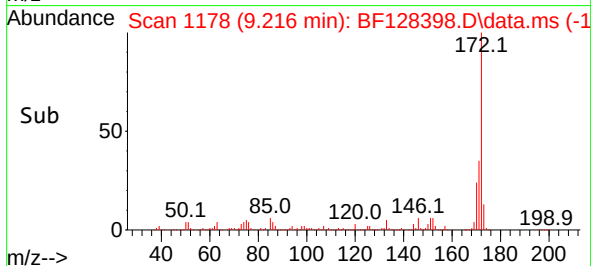
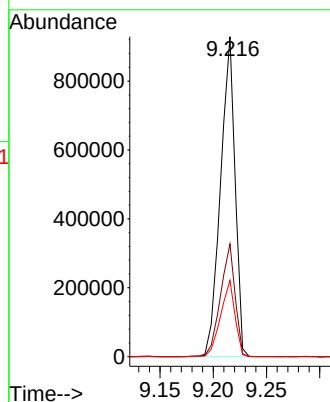
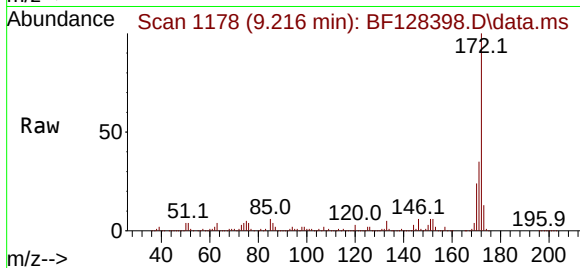
Tgt Ion:172 Resp: 881238

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.301 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

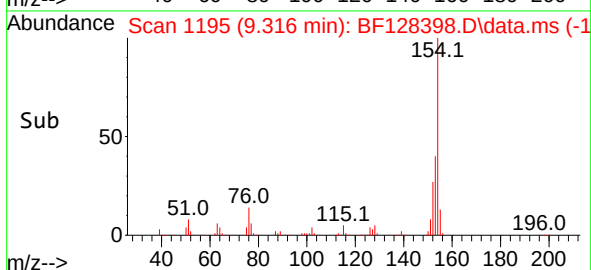
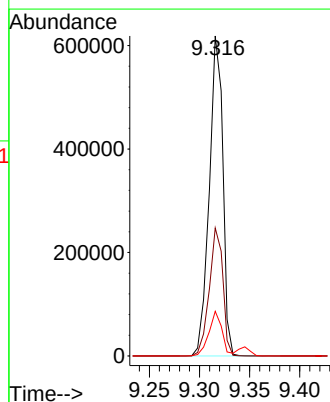
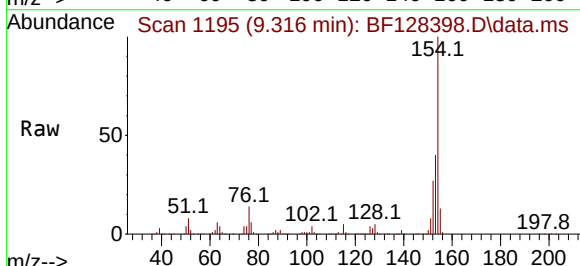
Tgt Ion:154 Resp: 584043

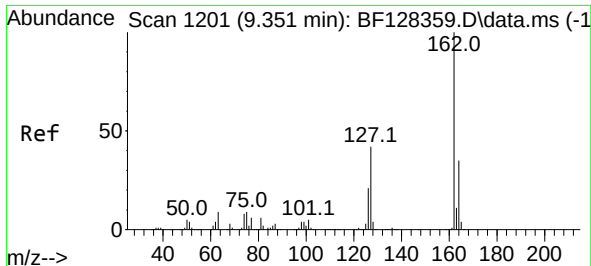
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 13.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 46.887 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

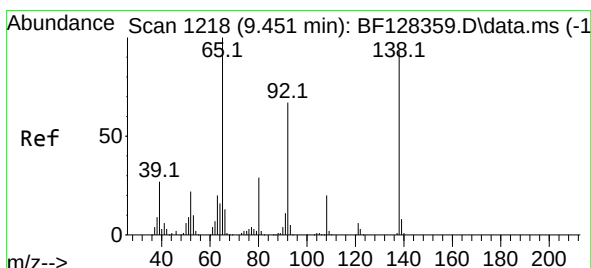
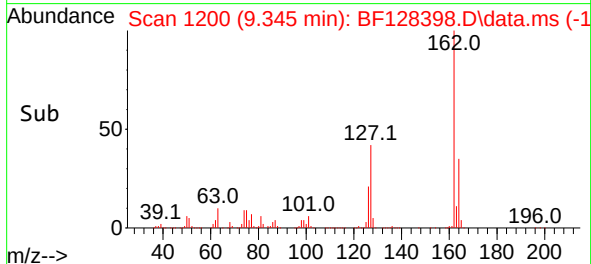
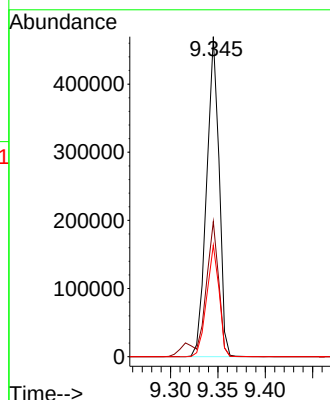
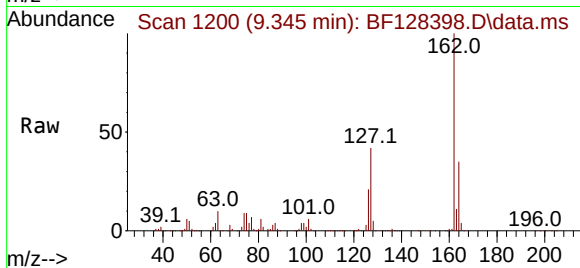
Tgt Ion:162 Resp: 429426

Ion Ratio Lower Upper

162 100

127 42.2 32.9 49.3

164 34.8 28.2 42.2



#48

2-Nitroaniline

Concen: 44.848 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

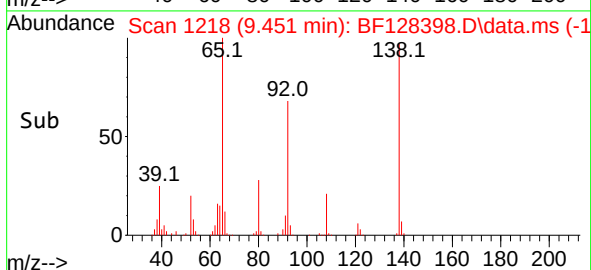
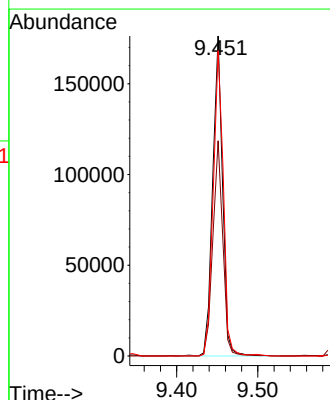
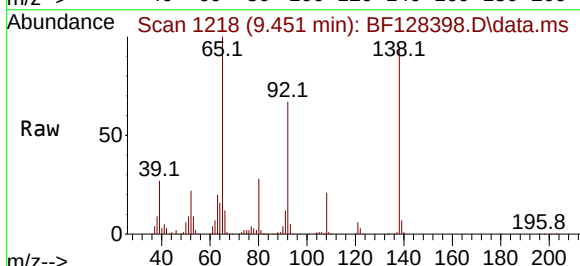
Tgt Ion: 65 Resp: 148811

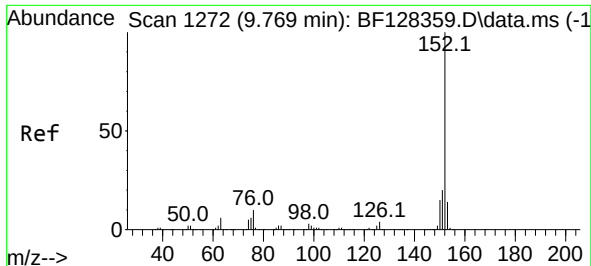
Ion Ratio Lower Upper

65 100

92 67.2 53.7 80.5

138 95.5 76.4 114.6





#49

Acenaphthylene

Concen: 48.570 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

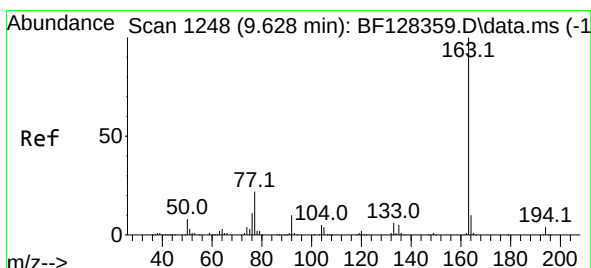
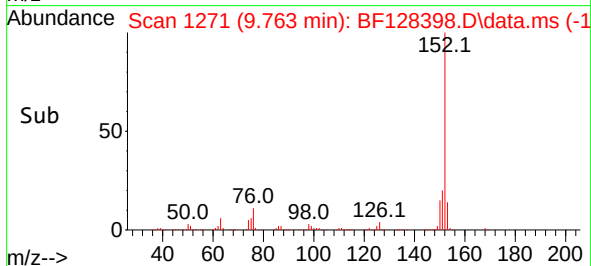
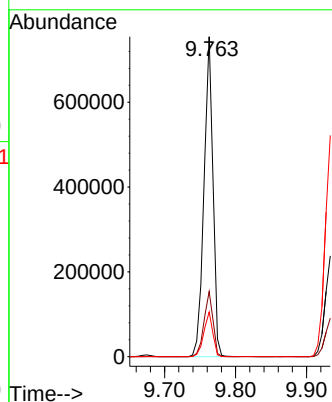
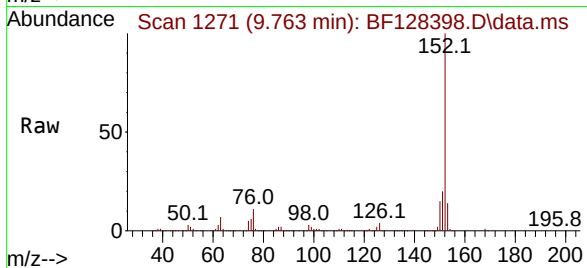
Tgt Ion:152 Resp: 665628

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 14.0 11.2 16.8



#50

Dimethylphthalate

Concen: 45.612 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

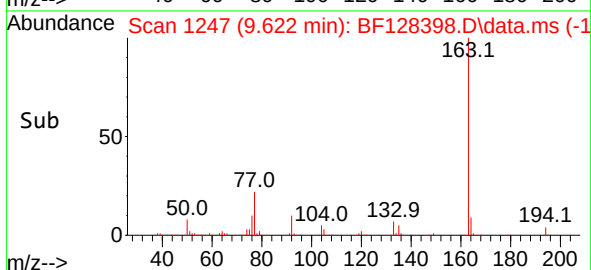
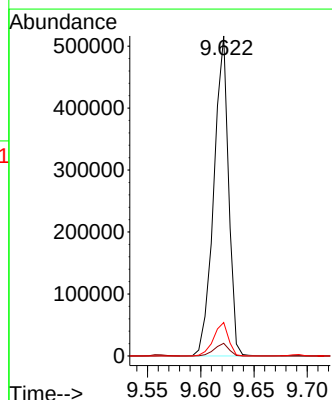
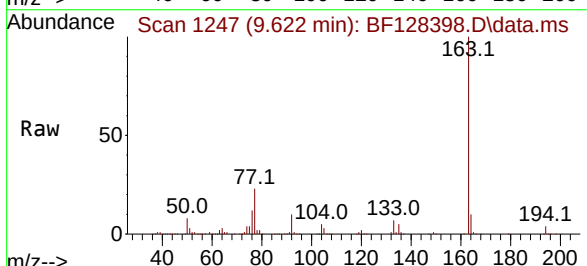
Tgt Ion:163 Resp: 496479

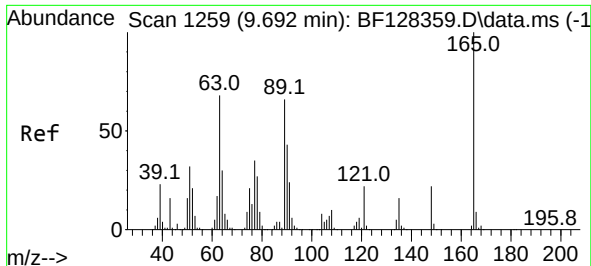
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 47.883 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

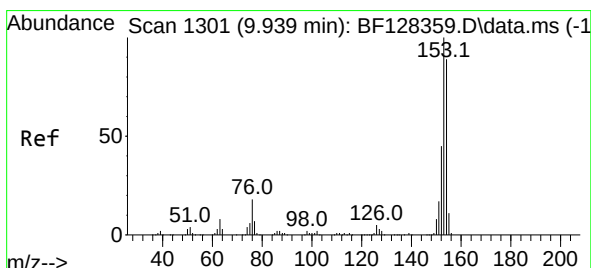
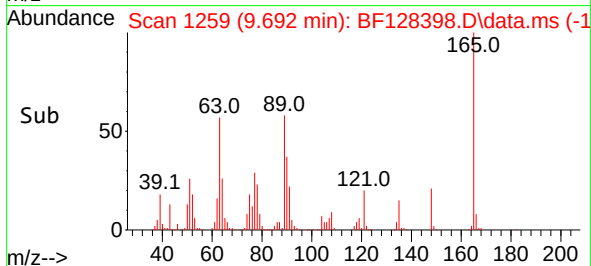
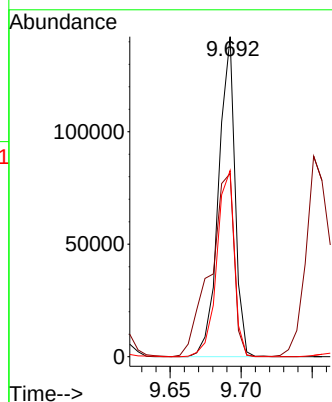
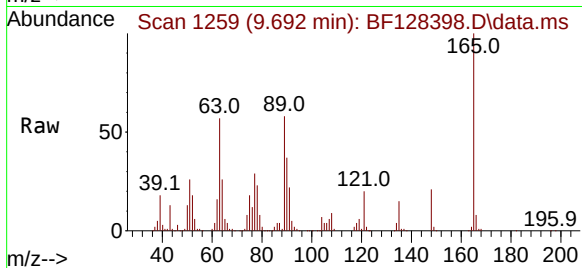
Tgt Ion:165 Resp: 113988

Ion Ratio Lower Upper

165 100

63 57.3 49.5 74.3

89 58.2 49.0 73.4



#52

Acenaphthene

Concen: 46.889 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

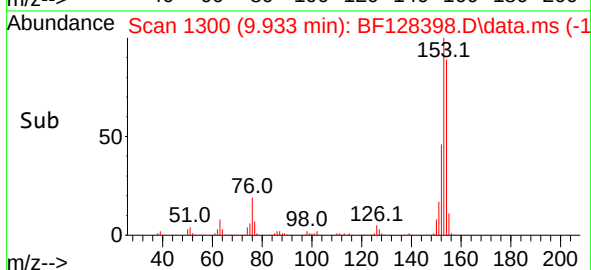
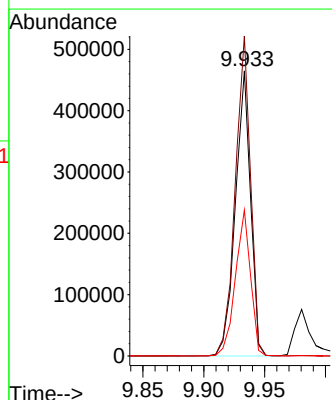
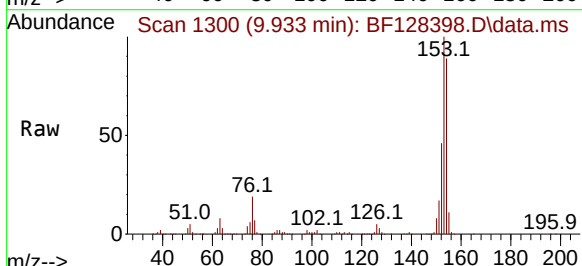
Tgt Ion:154 Resp: 403522

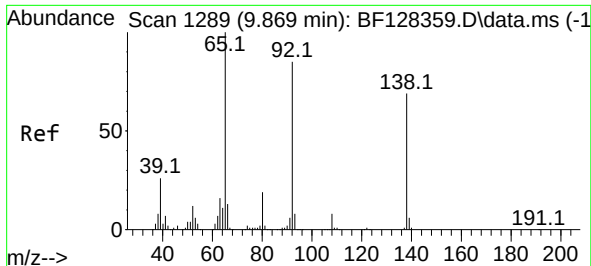
Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

152 51.2 41.0 61.6

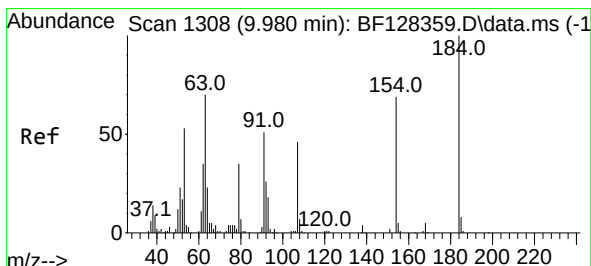
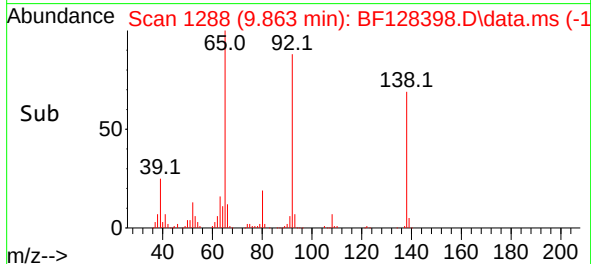
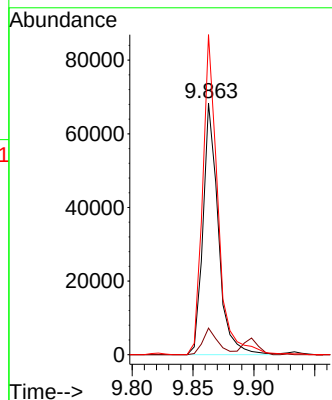
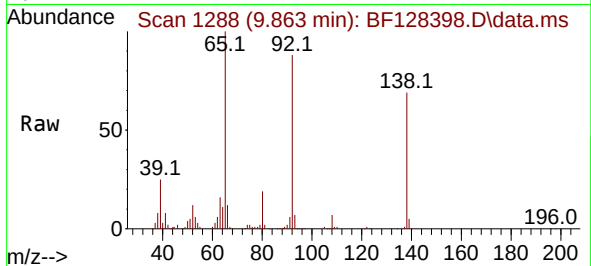




#53
3-Nitroaniline
Concen: 22.197 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

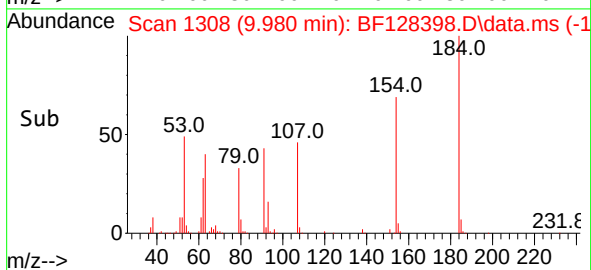
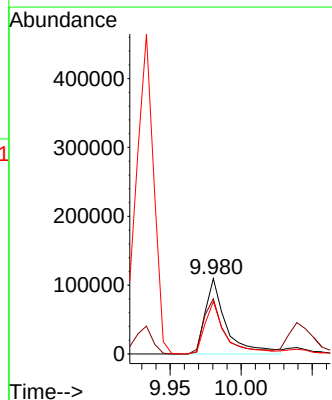
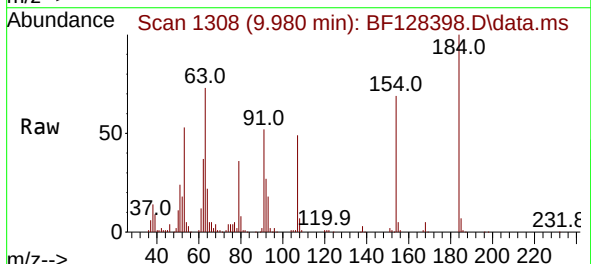
Instrument :
BNA_F
ClientSampleId :
284MSD

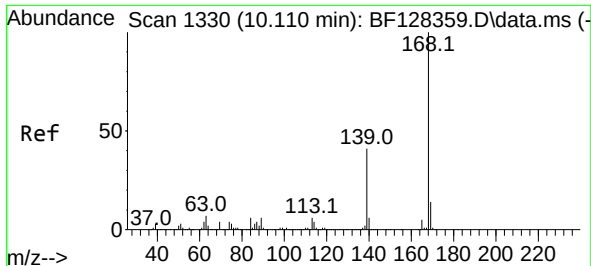
Tgt Ion:138 Resp: 59481
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 127.2 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 93.078 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:184 Resp: 112374
Ion Ratio Lower Upper
184 100
63 73.2 50.0 75.0
154 69.4 51.7 77.5

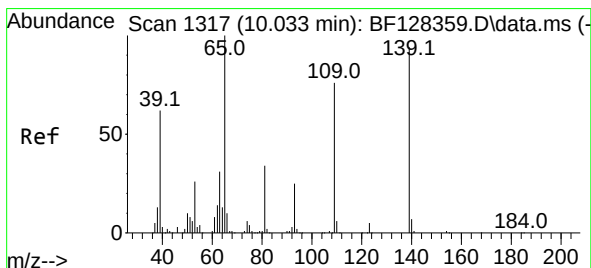
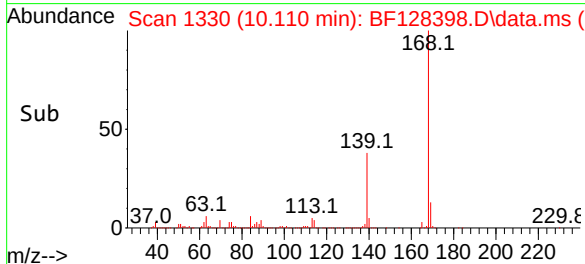
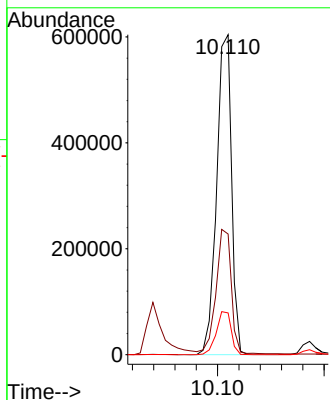
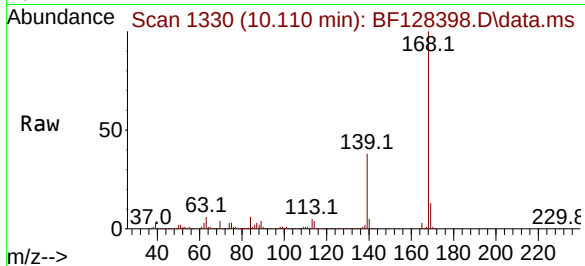




#55
Dibenzofuran
Concen: 44.794 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

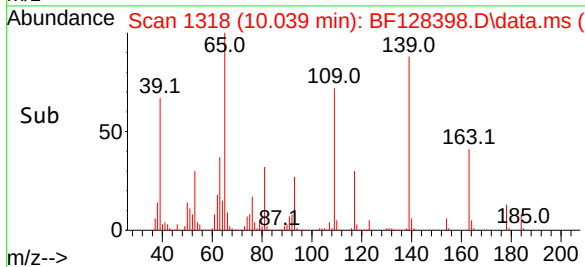
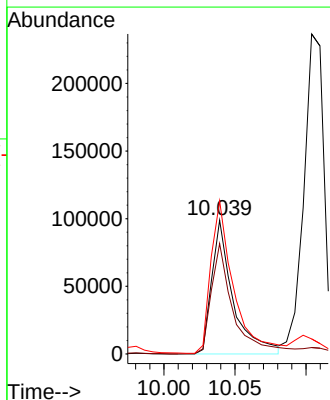
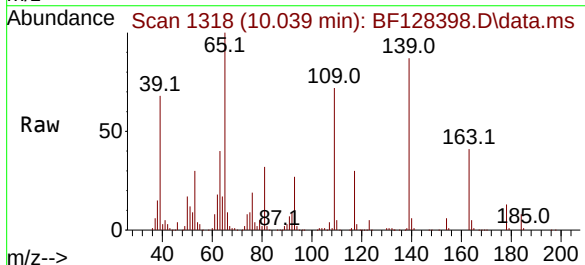
Instrument :
BNA_F
ClientSampleId :
284MSD

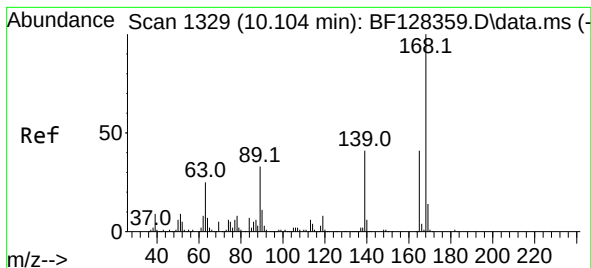
Tgt Ion:168 Resp: 584448
Ion Ratio Lower Upper
168 100
139 37.7 31.7 47.5
169 13.0 10.9 16.3



#56
4-Nitrophenol
Concen: 67.289 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:139 Resp: 103709
Ion Ratio Lower Upper
139 100
109 82.5 61.9 101.9
65 114.5 93.5 133.5

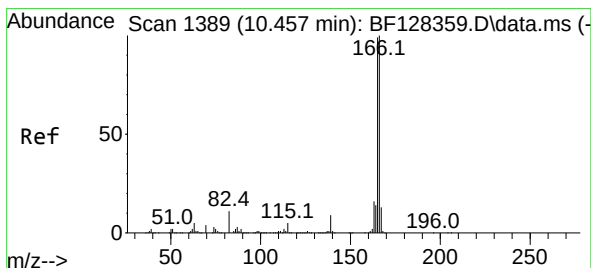
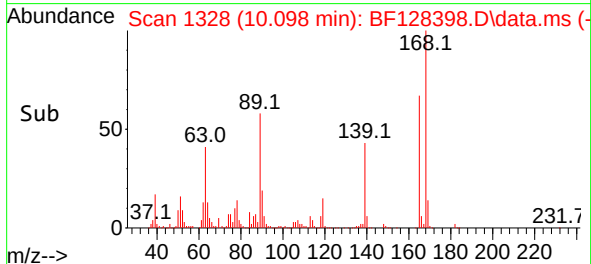
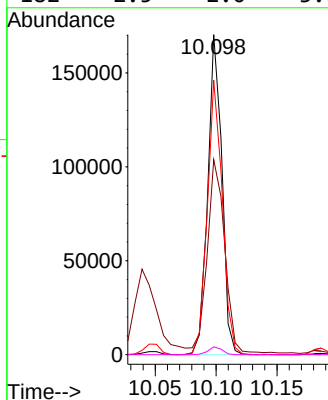
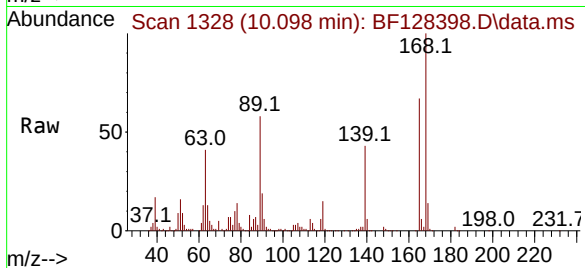




#57
2,4-Dinitrotoluene
Concen: 45.638 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

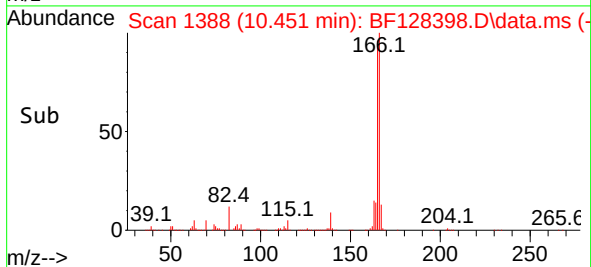
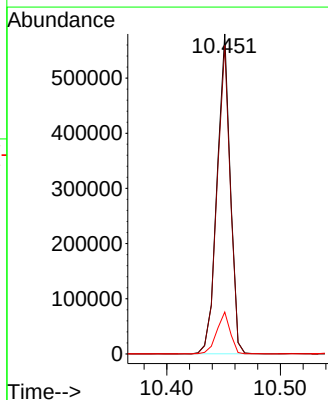
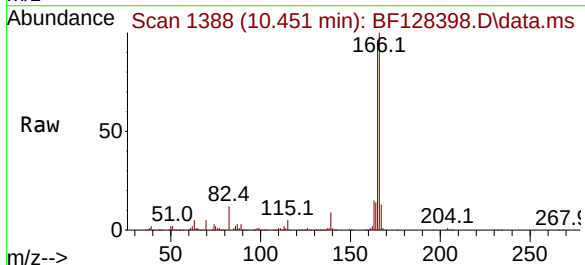
Instrument :
BNA_F
ClientSampleId :
284MSD

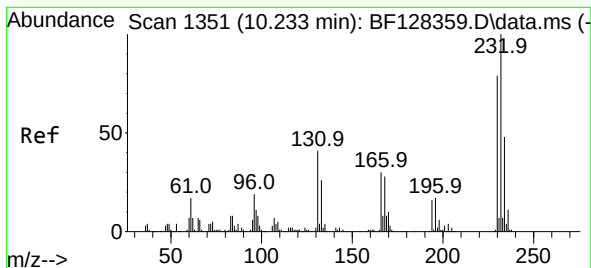
Tgt Ion:165 Resp: 136884
Ion Ratio Lower Upper
165 100
63 60.9 32.6 49.0#
89 85.8 55.2 82.8#
182 2.5 2.0 3.0



#58
Fluorene
Concen: 45.853 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:166 Resp: 468871
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.1 10.5 15.7

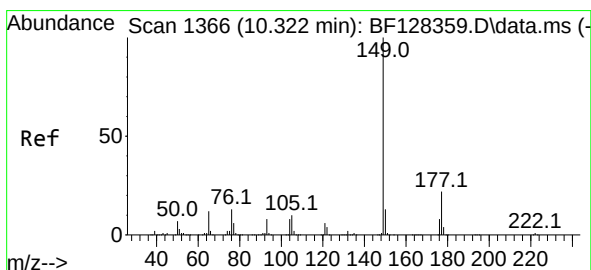
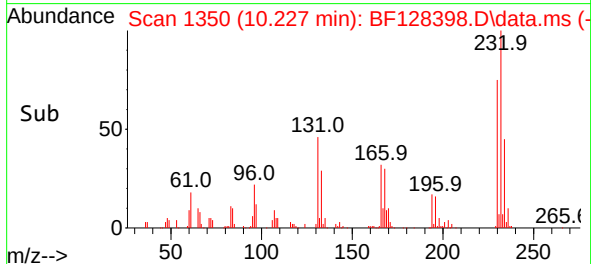
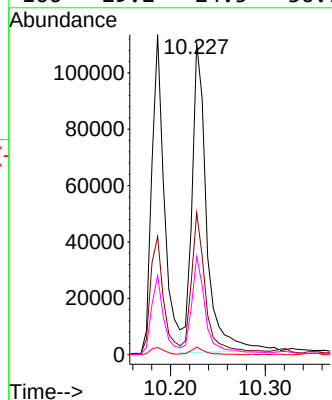
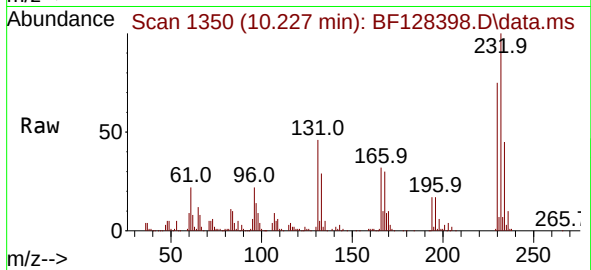




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.496 ng
RT: 10.227 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

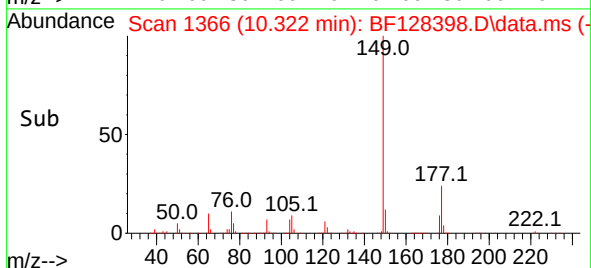
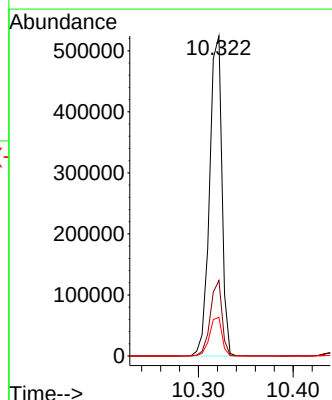
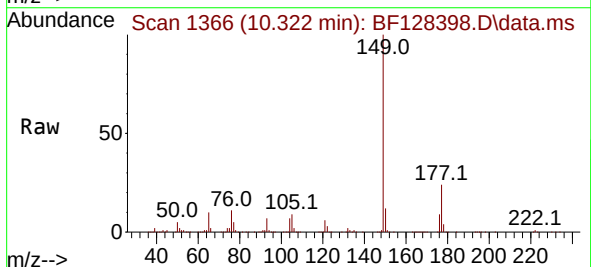
Instrument :
BNA_F
ClientSampleId :
284MSD

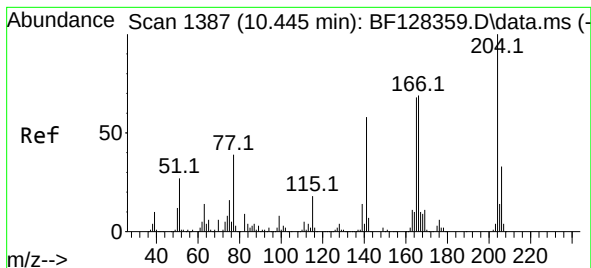
Tgt Ion:232 Resp: 119512
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 2.4 1.9 2.9
166 29.2 24.5 36.7



#60
Diethylphthalate
Concen: 45.081 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:149 Resp: 472850
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.8
150 12.1 10.2 15.2

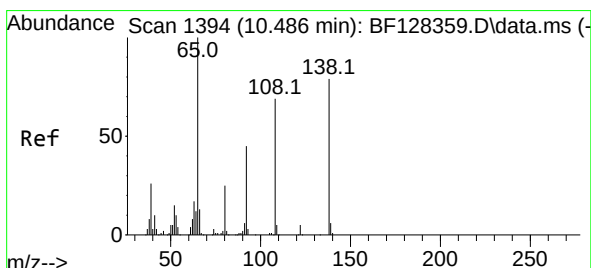
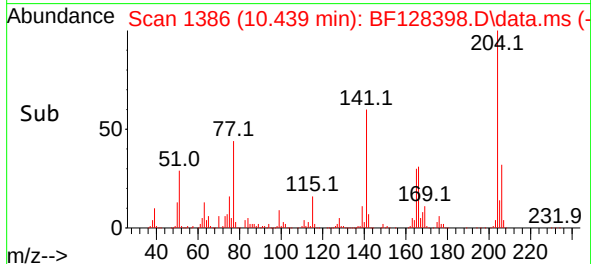
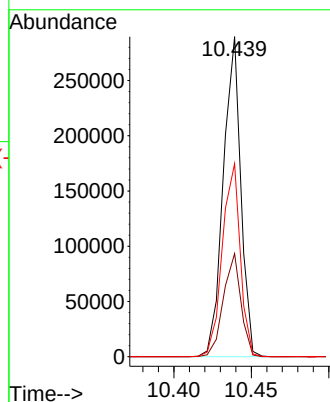
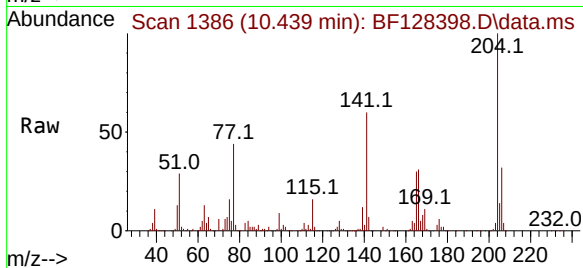




#61
4-Chlorophenyl-phenylether
Concen: 45.242 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

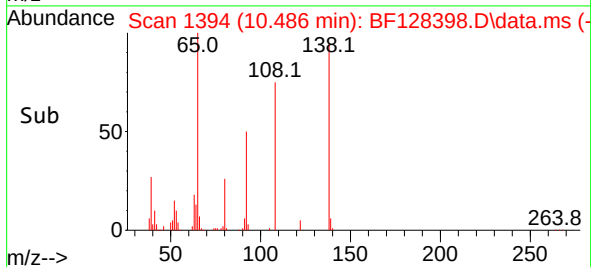
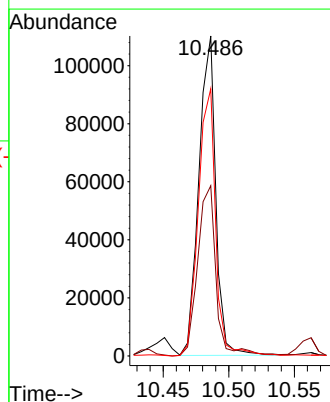
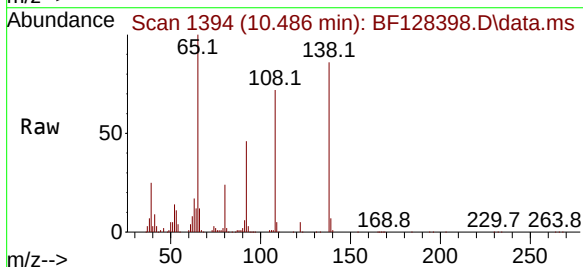
Instrument :
BNA_F
ClientSampleId :
284MSD

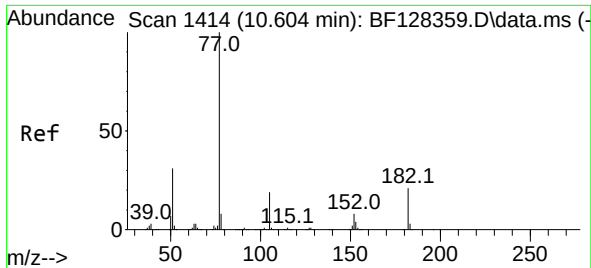
Tgt Ion:204 Resp: 227994
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 60.3 48.7 73.1



#62
4-Nitroaniline
Concen: 36.612 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:138 Resp: 99293
Ion Ratio Lower Upper
138 100
92 53.2 37.4 77.4
108 83.5 68.4 108.4

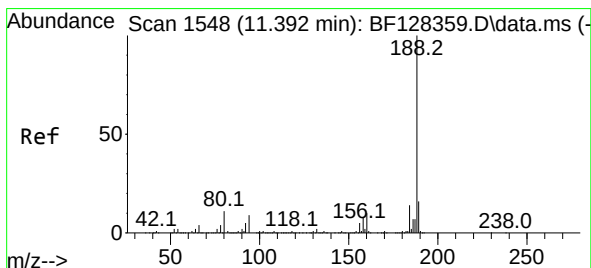
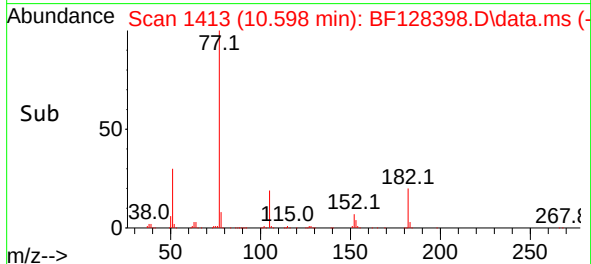
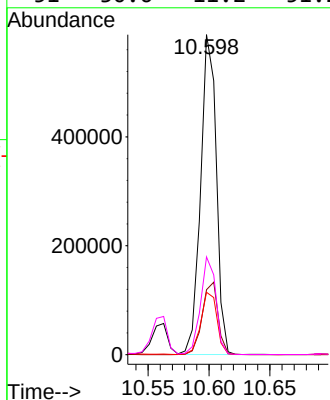
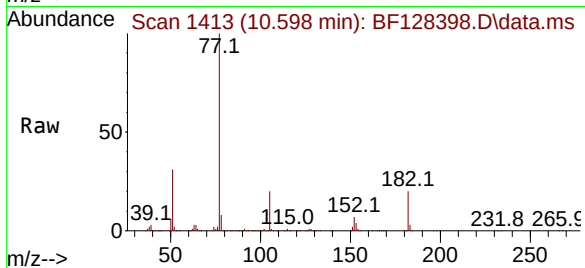




#63
Azobenzene
Concen: 44.697 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

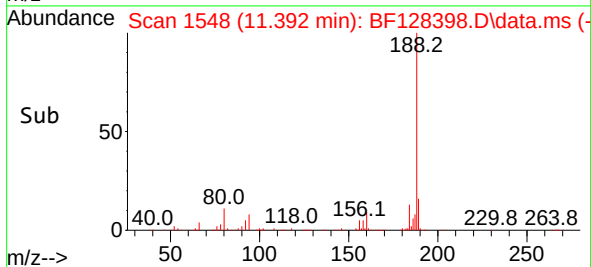
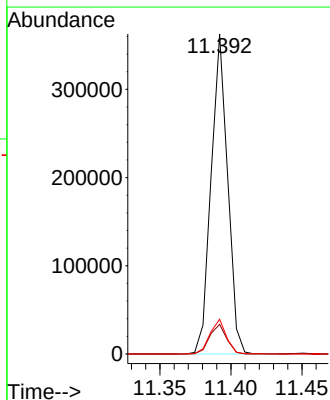
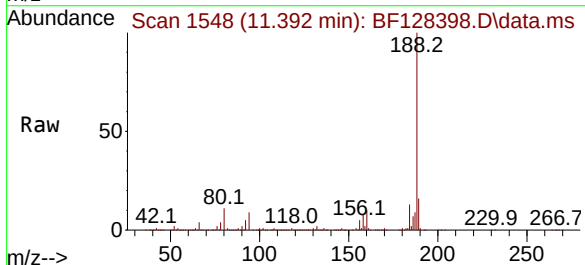
Instrument :
BNA_F
ClientSampleId :
284MSD

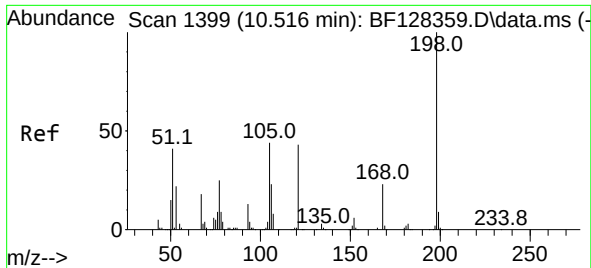
Tgt Ion: 77	Resp: 525317
Ion Ratio	Lower Upper
77 100	
182 20.3	1.2 41.2
105 19.5	0.0 39.8
51 30.6	11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion: 188	Resp: 293764
Ion Ratio	Lower Upper
188 100	
94 9.3	8.0 12.0
80 10.9	8.9 13.3

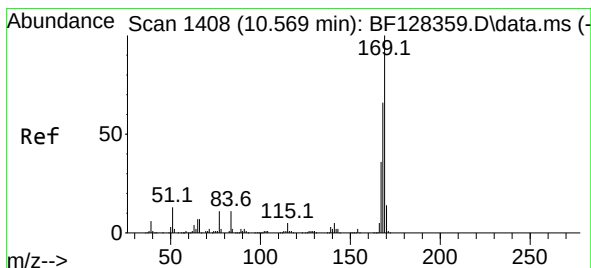
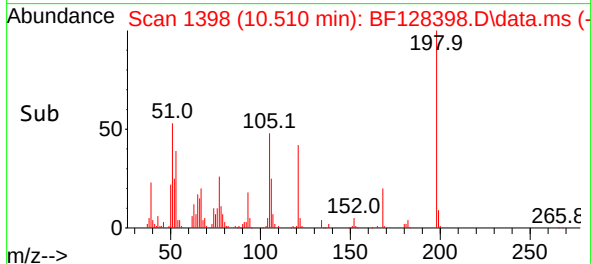
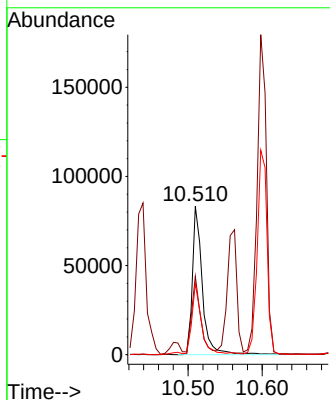
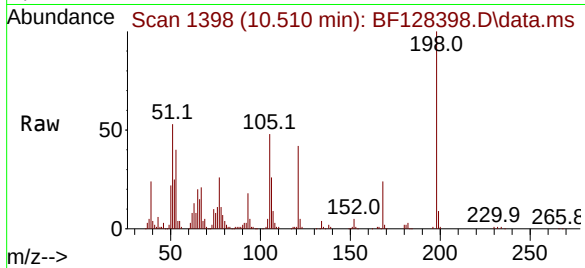




#65
4,6-Dinitro-2-methylphenol
Concen: 43.333 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

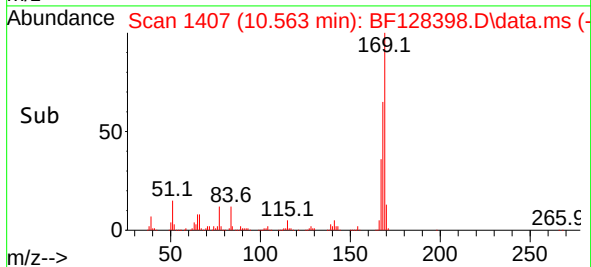
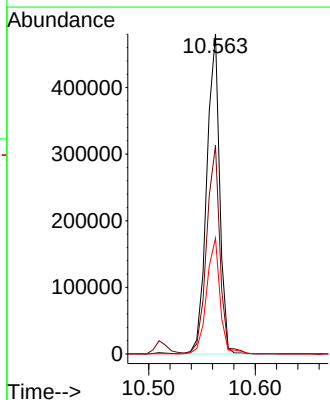
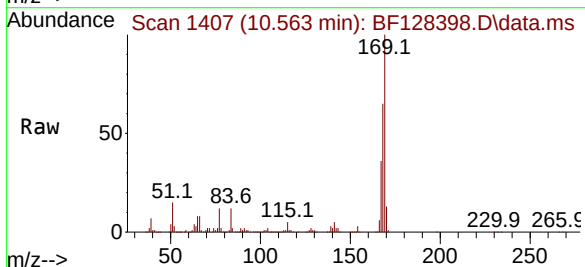
Instrument :
BNA_F
ClientSampleId :
284MSD

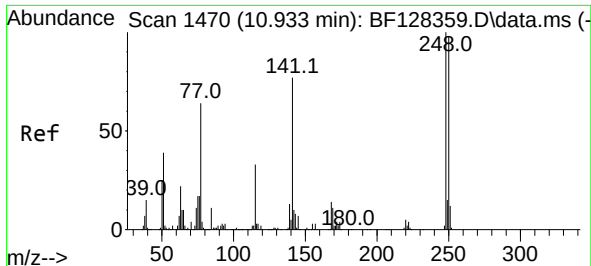
Tgt Ion:198 Resp: 78237
Ion Ratio Lower Upper
198 100
51 52.9 28.4 68.4
105 47.9 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 47.640 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:169 Resp: 405153
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.6
167 36.2 29.5 44.3

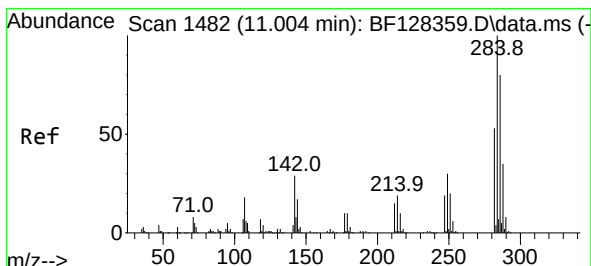
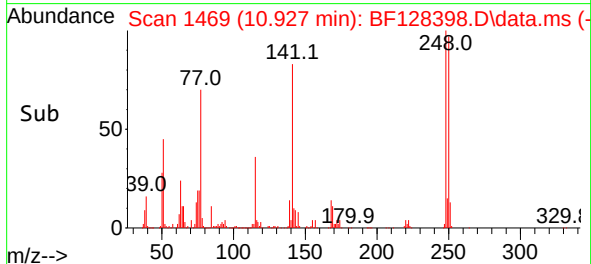
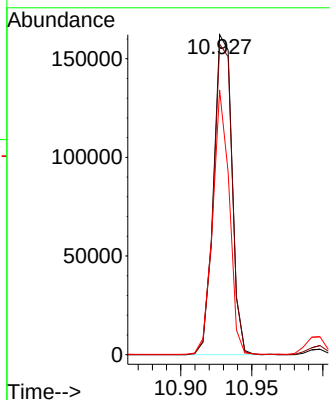
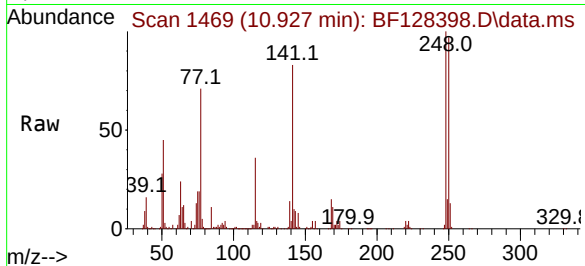




#67
4-Bromophenyl-phenylether
Concen: 47.452 ng
RT: 10.927 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

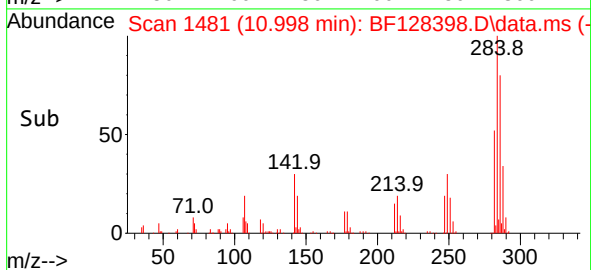
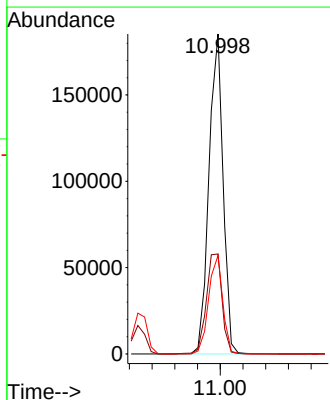
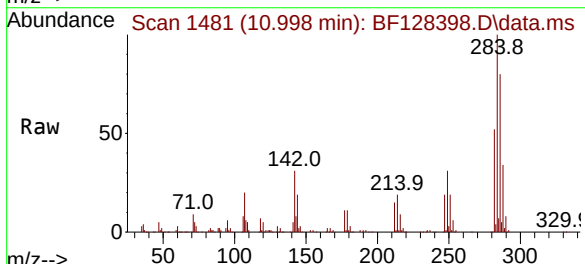
Instrument :
BNA_F
ClientSampleId :
284MSD

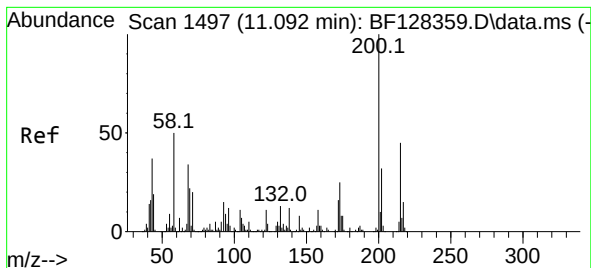
Tgt Ion:248 Resp: 145885
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 82.8 65.6 98.4



#68
Hexachlorobenzene
Concen: 47.740 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:284 Resp: 159579
Ion Ratio Lower Upper
284 100
142 31.2 30.2 45.4
249 30.8 26.1 39.1





#69

Atrazine

Concen: 36.954 ng

RT: 11.086 min Scan# 1497

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

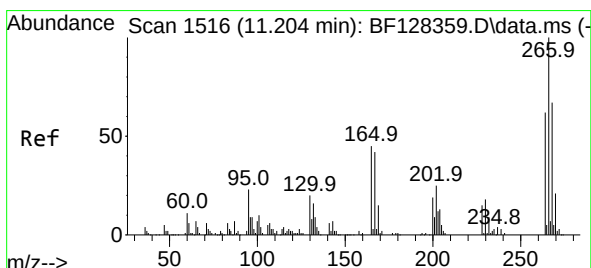
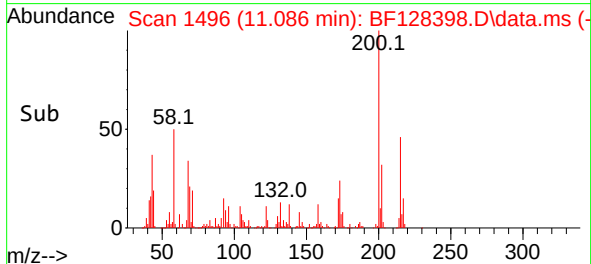
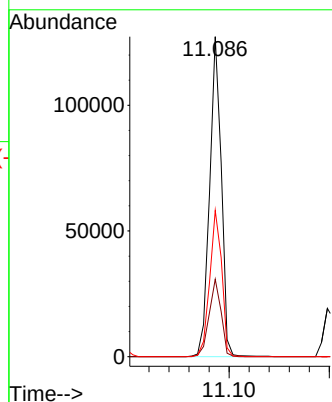
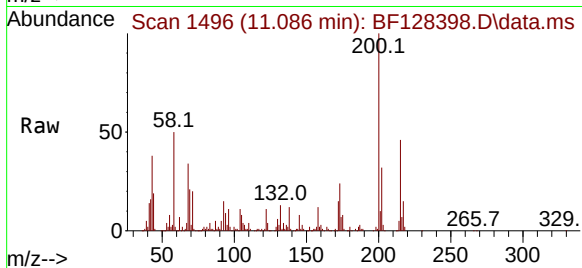
Tgt Ion:200 Resp: 103162

Ion Ratio Lower Upper

200 100

173 24.2 6.0 46.0

215 45.7 28.1 68.1



#70

Pentachlorophenol

Concen: 89.306 ng

RT: 11.198 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

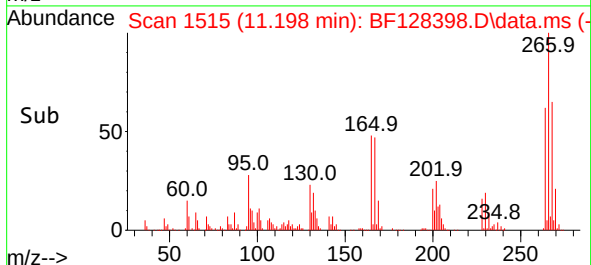
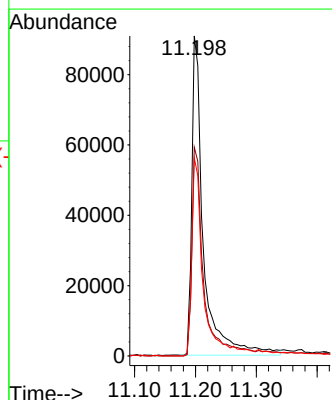
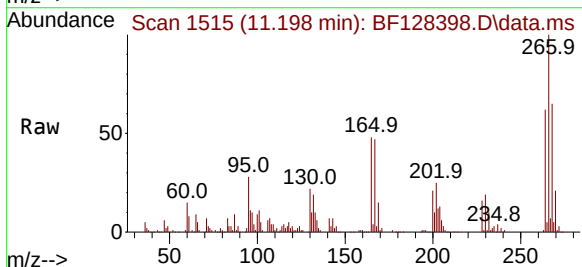
Tgt Ion:266 Resp: 120805

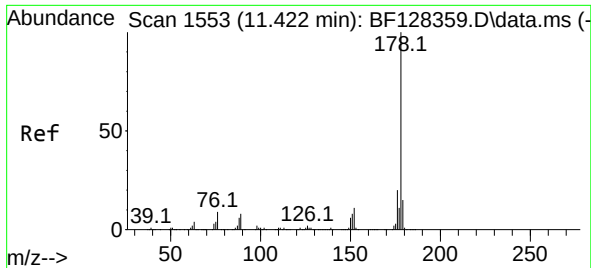
Ion Ratio Lower Upper

266 100

268 65.2 53.0 79.6

264 61.9 53.1 79.7

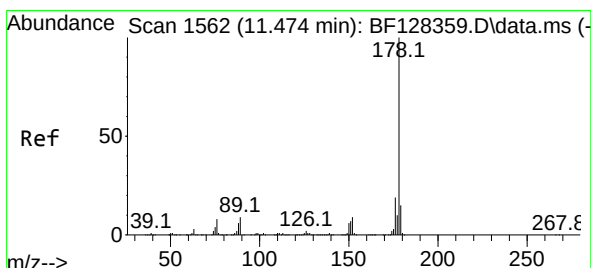
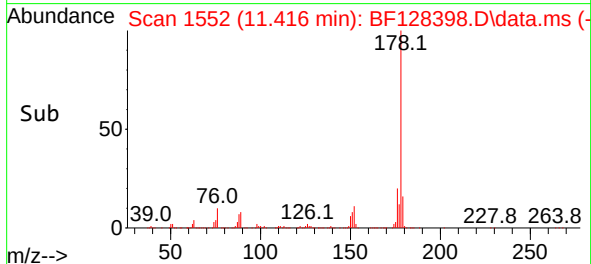
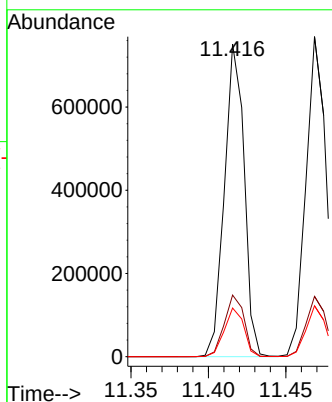
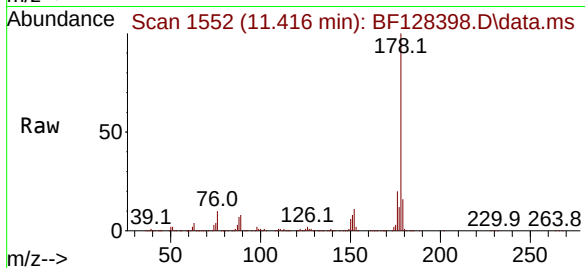




#71
Phenanthrene
Concen: 46.471 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

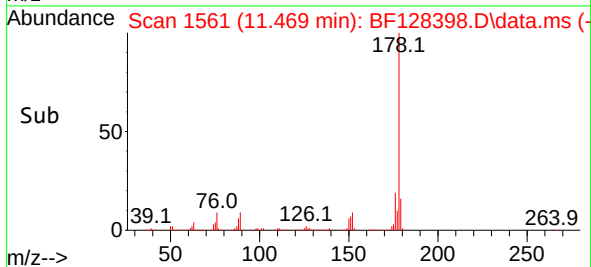
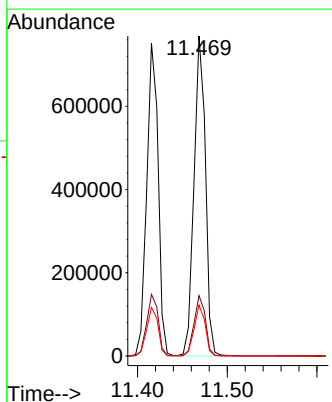
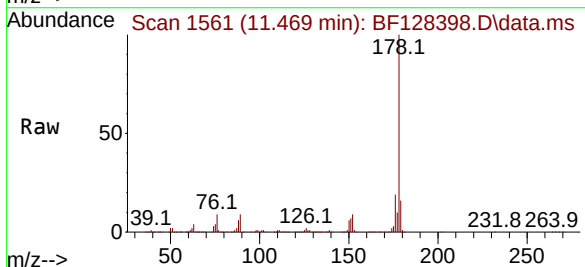
Instrument :
BNA_F
ClientSampleId :
284MSD

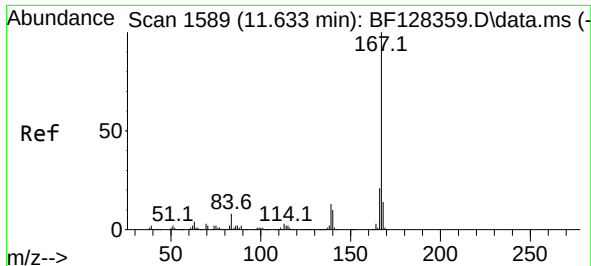
Tgt Ion:178 Resp: 666220
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 47.859 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:178 Resp: 681922
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.9 12.4 18.6

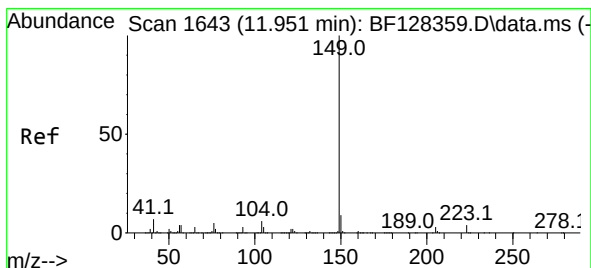
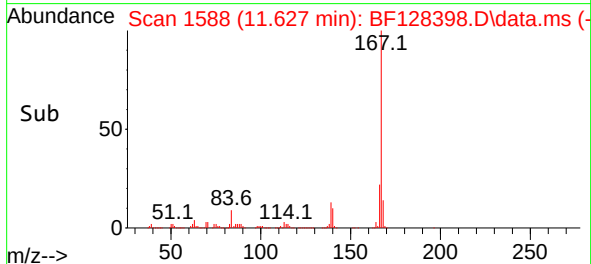
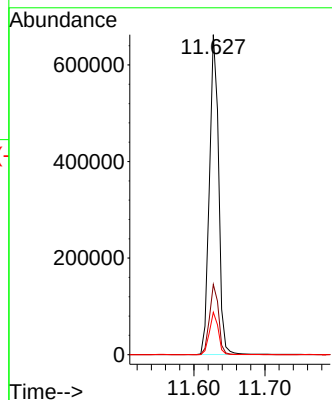
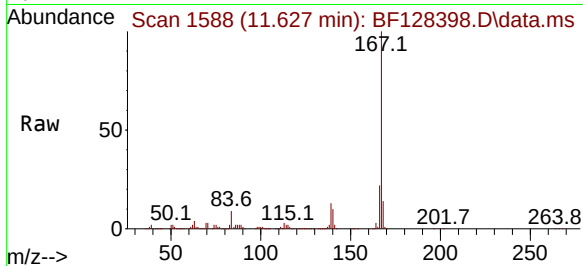




#73
Carbazole
Concen: 42.105 ng
RT: 11.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

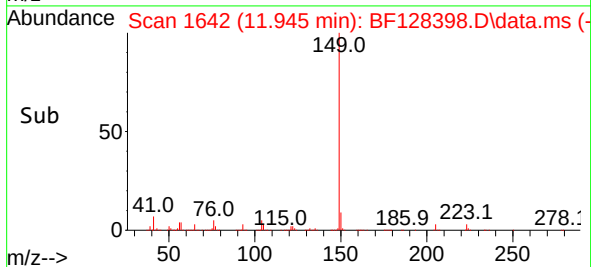
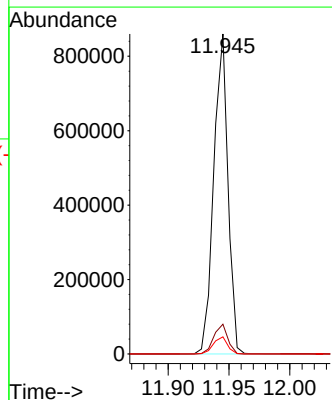
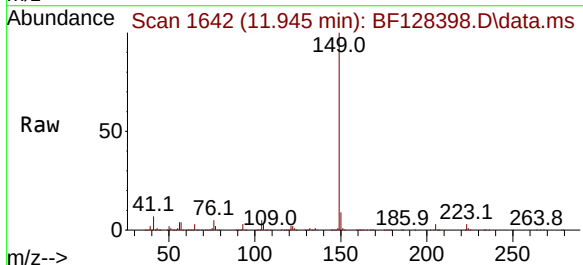
Instrument :
BNA_F
ClientSampleId :
284MSD

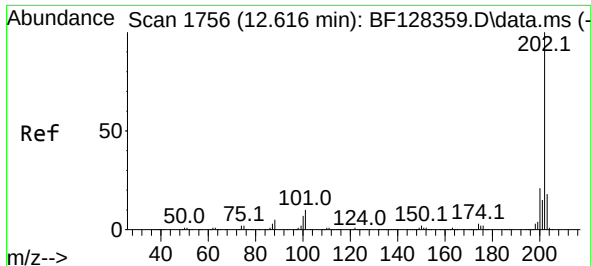
Tgt Ion:167 Resp: 598276
Ion Ratio Lower Upper
167 100
166 21.9 17.6 26.4
139 13.3 10.7 16.1



#74
Di-n-butylphthalate
Concen: 45.094 ng
RT: 11.945 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:149 Resp: 699932
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.4 4.3 6.5

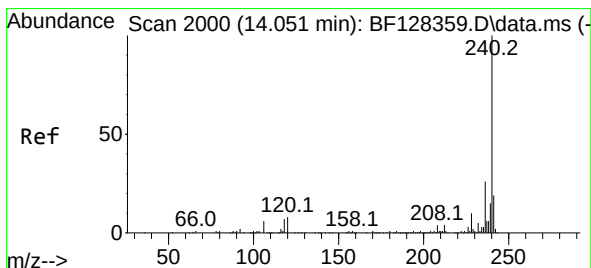
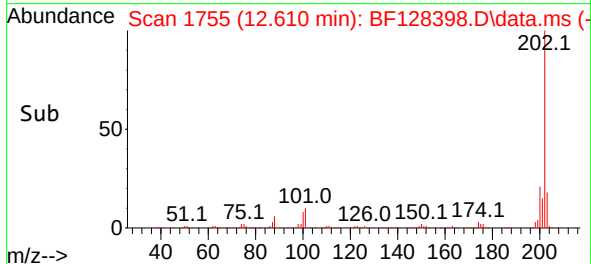
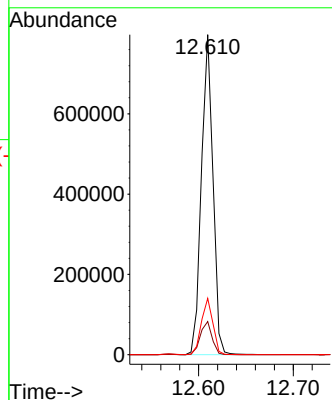
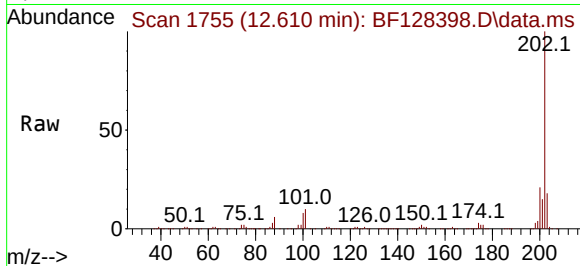




#75
Fluoranthene
Concen: 43.351 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

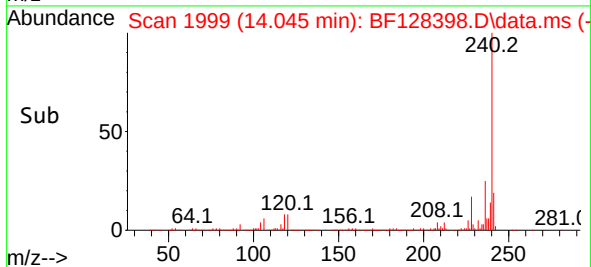
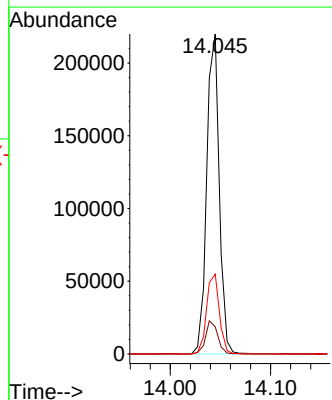
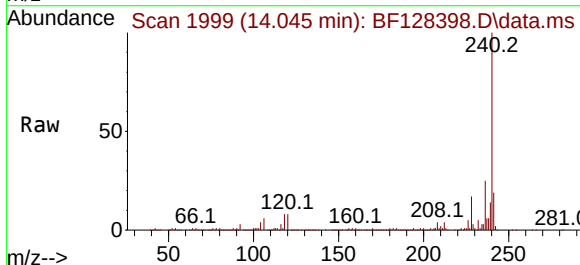
Instrument :
BNA_F
ClientSampleId :
284MSD

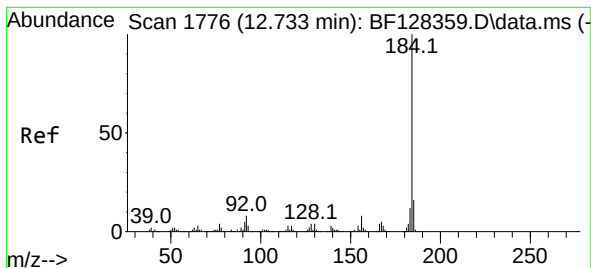
Tgt Ion:202 Resp: 673062
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.6
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:240 Resp: 190848
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 24.9 20.3 30.5





#77

Benzidine

Concen: 17.354 ng

RT: 12.739 min Scan# 1776

Delta R.T. 0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

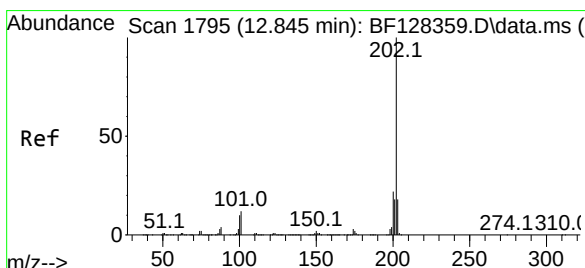
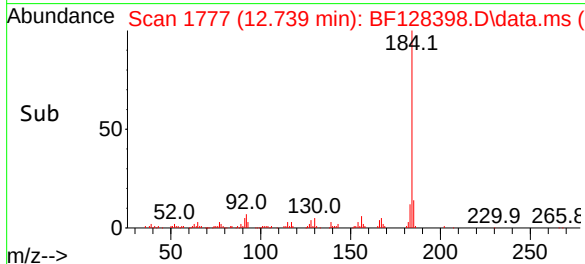
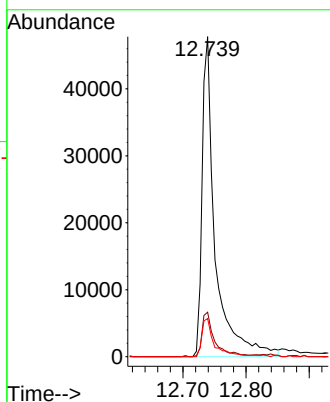
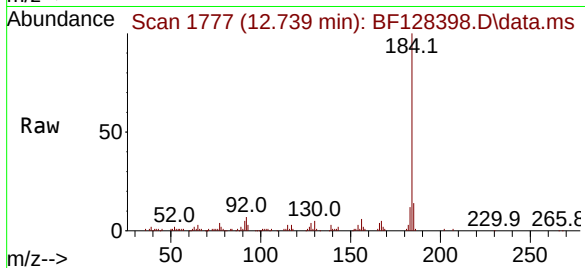
Tgt Ion:184 Resp: 68883

Ion Ratio Lower Upper

184 100

185 13.9 12.1 18.1

183 11.9 9.0 13.4



#78

Pyrene

Concen: 47.335 ng

RT: 12.839 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

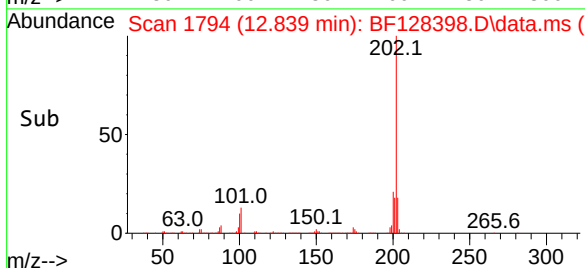
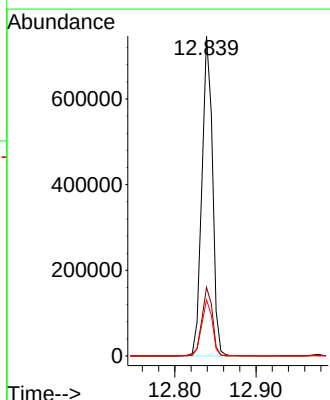
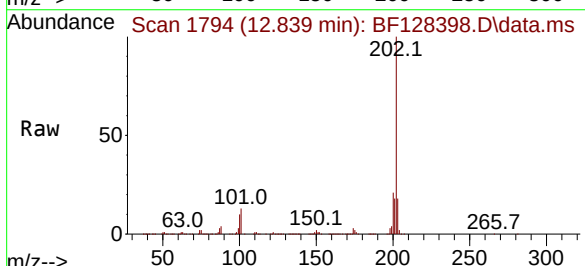
Tgt Ion:202 Resp: 676388

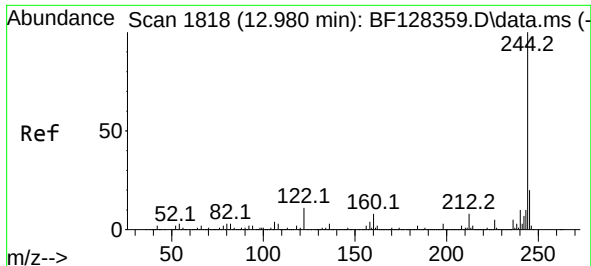
Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 17.6 14.0 21.0

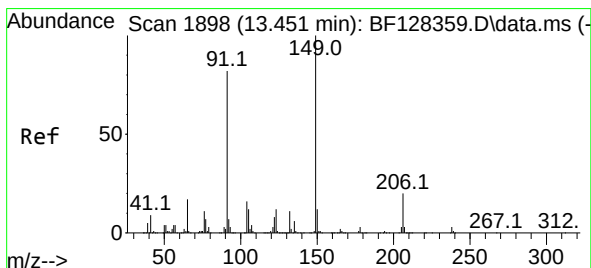
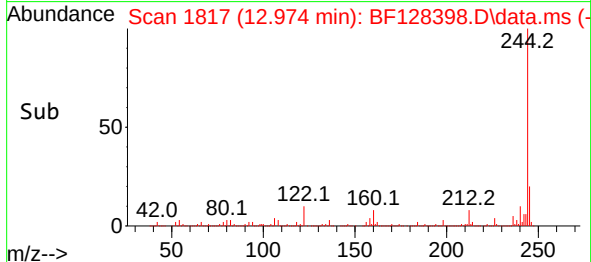
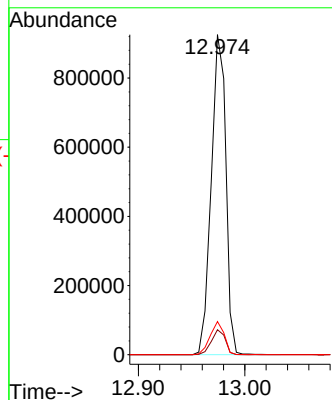
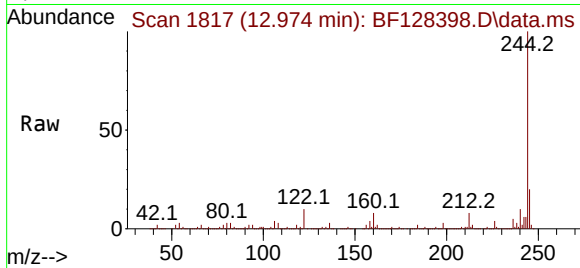




#79
 Terphenyl-d14
 Concen: 89.001 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128398.D
 Acq: 23 May 2022 14:05

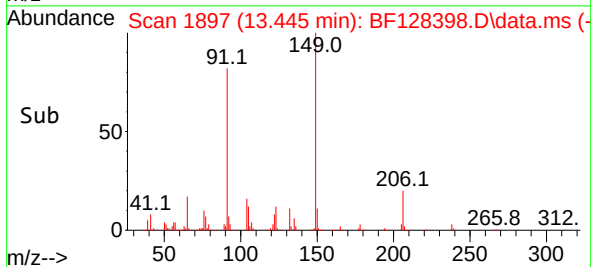
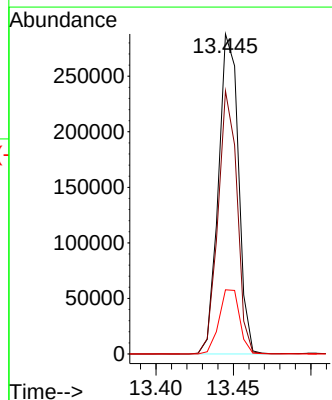
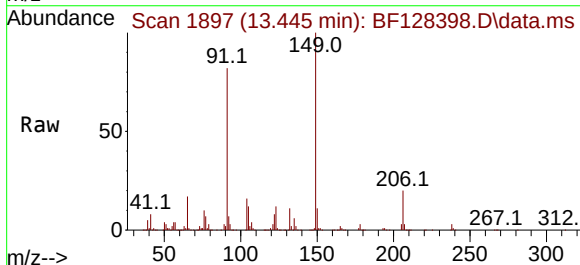
Instrument :
 BNA_F
 ClientSampleId :
 284MSD

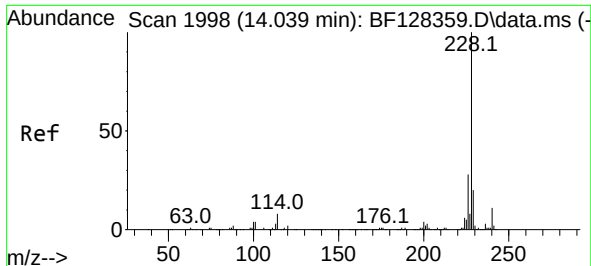
Tgt Ion:244 Resp: 879892
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.4 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 45.180 ng
 RT: 13.445 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: BF128398.D
 Acq: 23 May 2022 14:05

Tgt Ion:149 Resp: 258905
 Ion Ratio Lower Upper
 149 100
 91 82.2 65.8 98.6
 206 20.0 15.4 23.2

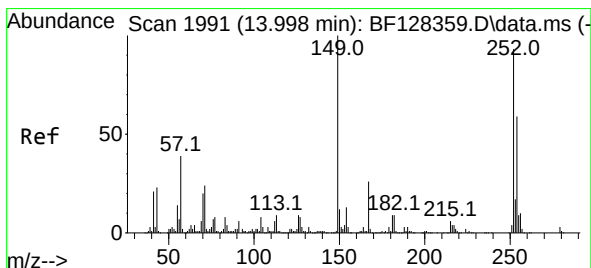
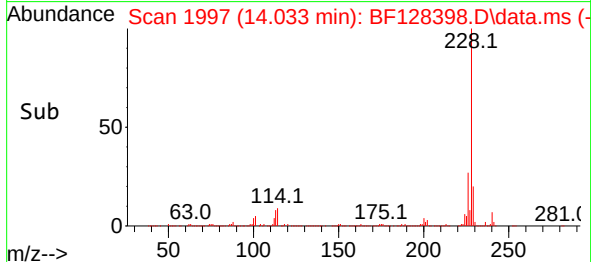
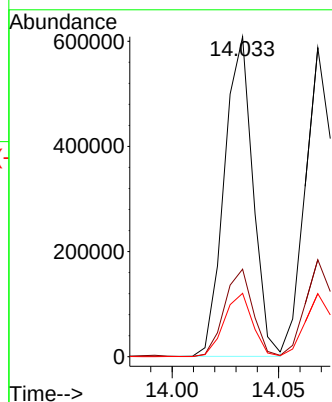
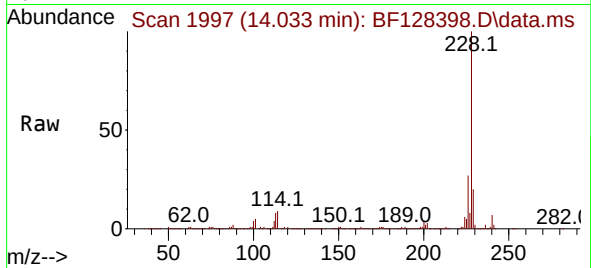




#81
Benzo(a)anthracene
Concen: 46.882 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

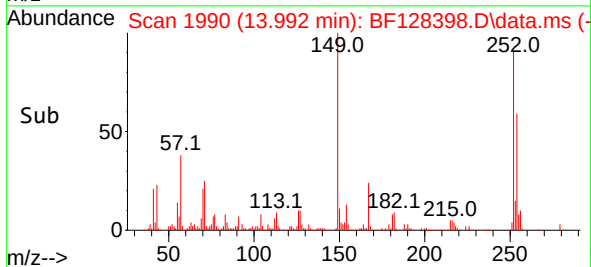
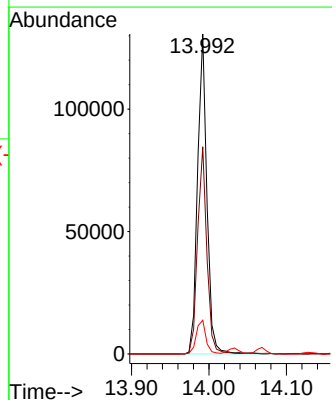
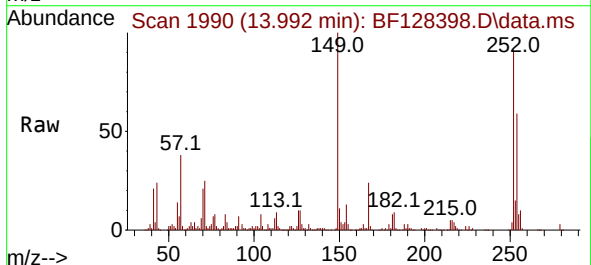
Instrument :
BNA_F
ClientSampleId :
284MSD

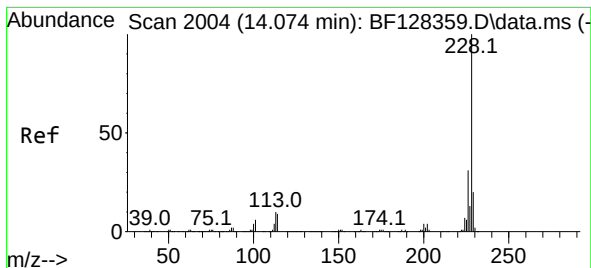
Tgt Ion:228 Resp: 569263
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 39.515 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:252 Resp: 109493
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 10.6 8.8 13.2





#83

Chrysene

Concen: 45.691 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

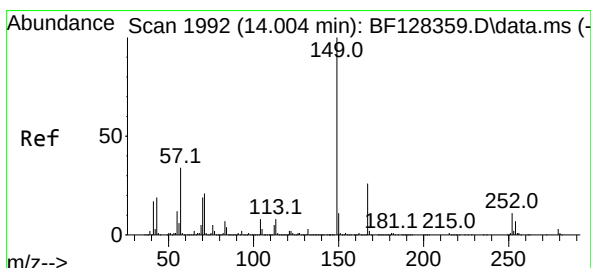
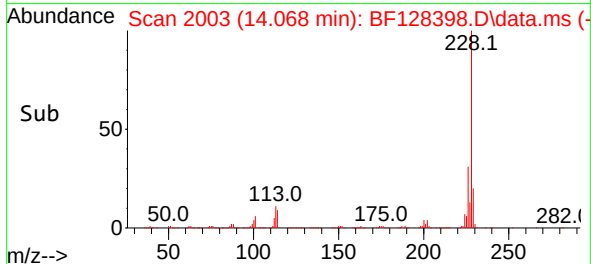
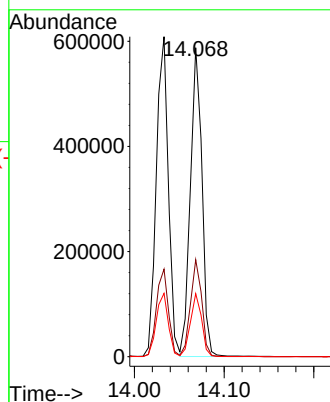
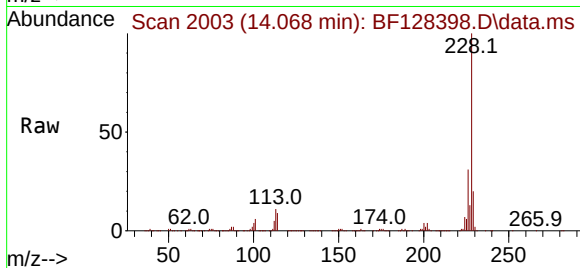
Tgt Ion:228 Resp: 528401

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.735 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

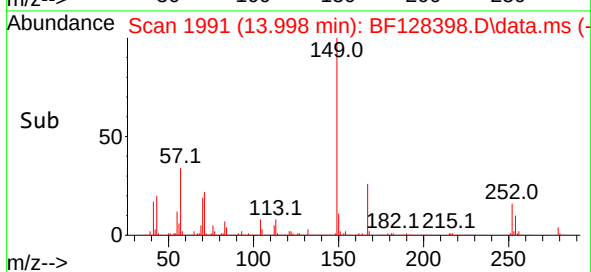
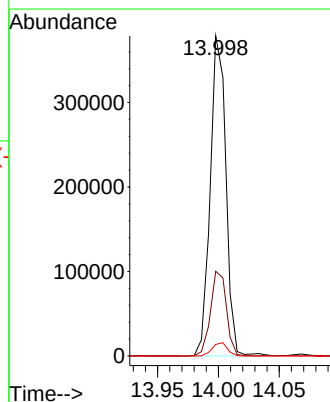
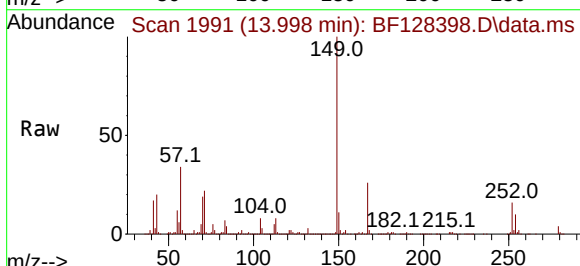
Tgt Ion:149 Resp: 338989

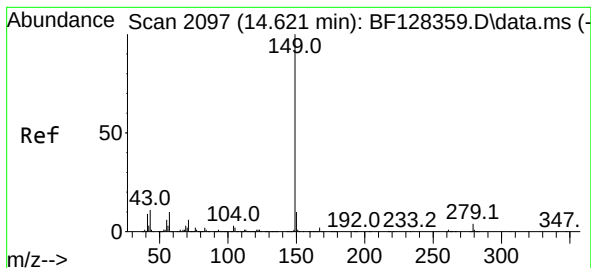
Ion Ratio Lower Upper

149 100

167 26.5 22.0 33.0

279 3.6 3.4 5.0

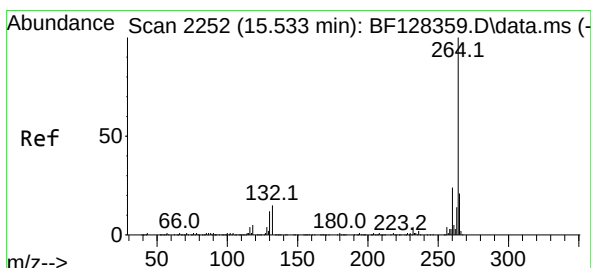
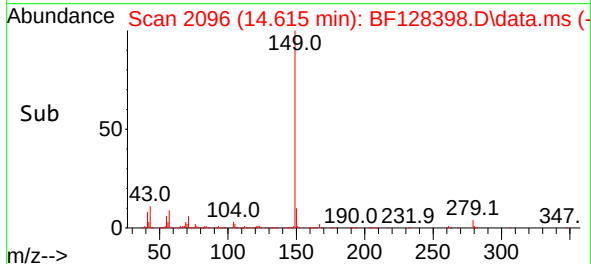
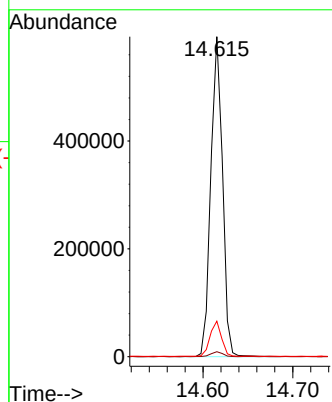
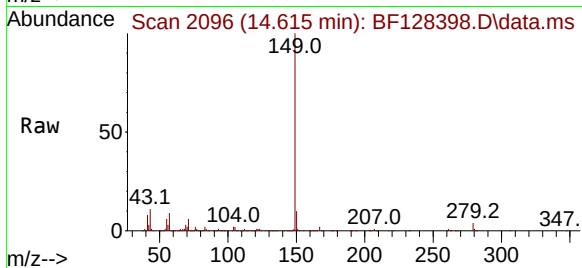




#85
Di-n-octyl phthalate
Concen: 44.144 ng
RT: 14.615 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

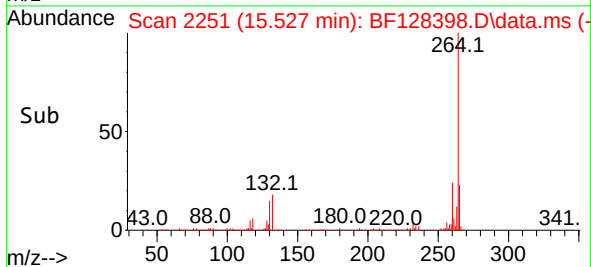
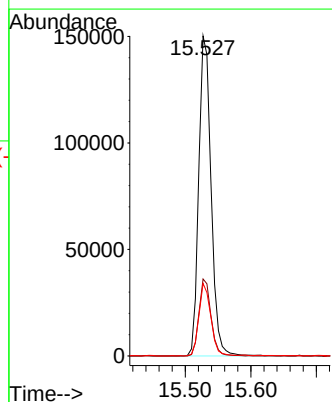
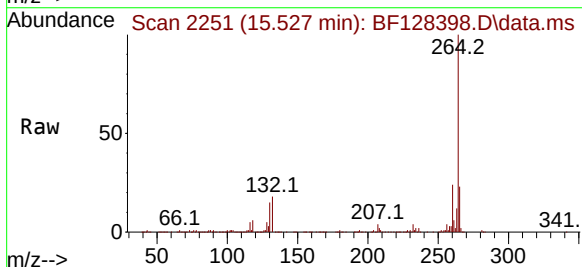
Instrument :
BNA_F
ClientSampleId :
284MSD

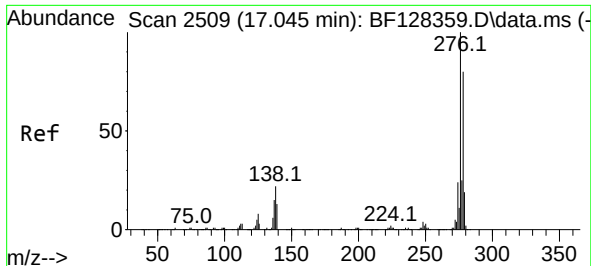
Tgt Ion:149 Resp: 537542
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:264 Resp: 197000
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 22.7 17.5 26.3

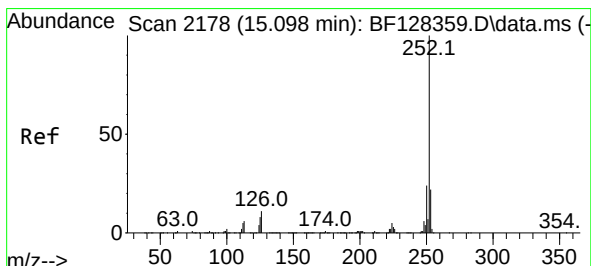
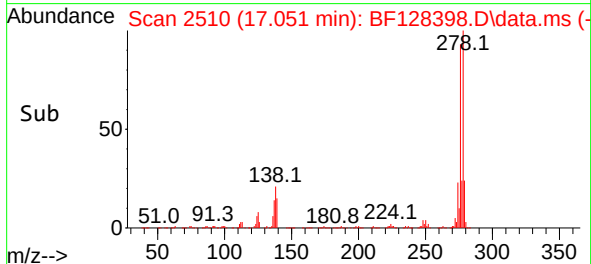
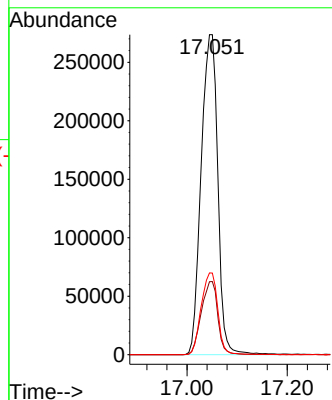
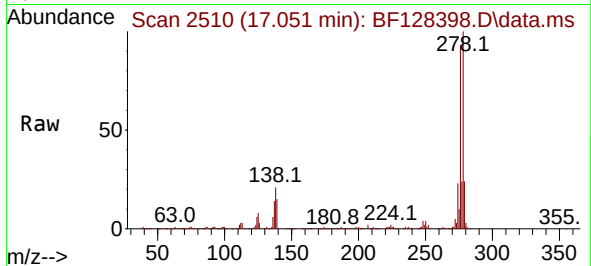




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.079 ng
RT: 17.051 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

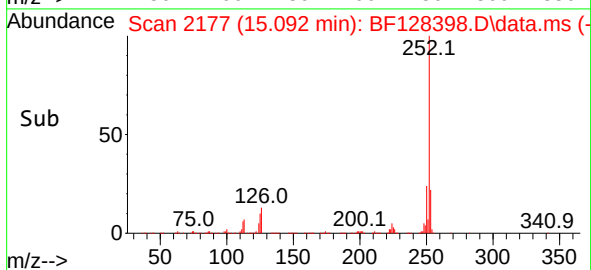
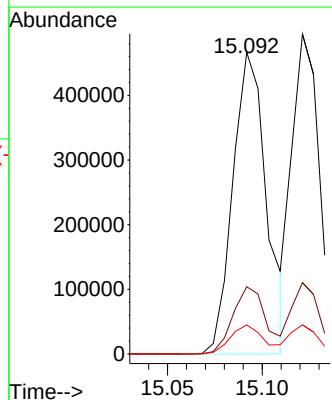
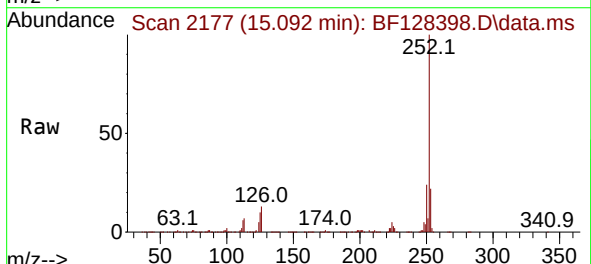
Instrument :
BNA_F
ClientSampleId :
284MSD

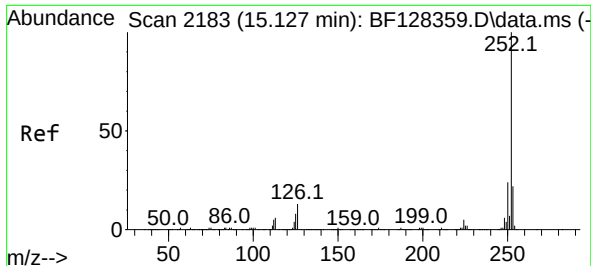
Tgt Ion:276 Resp: 630564
Ion Ratio Lower Upper
276 100
138 22.7 19.0 28.4
277 25.5 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.012 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:252 Resp: 576112
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.6 7.4 11.2

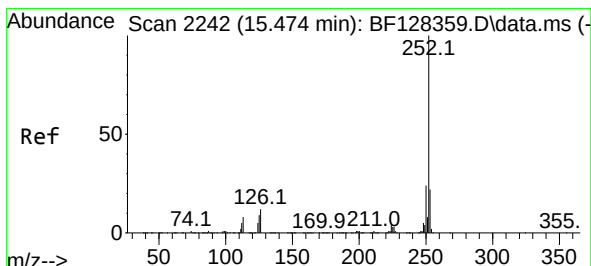
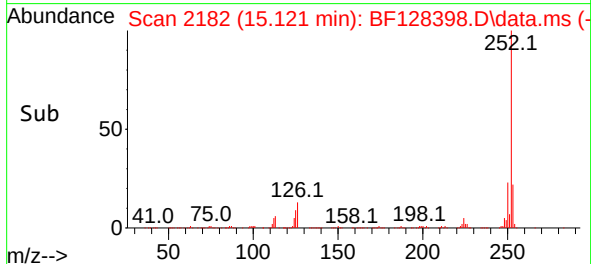
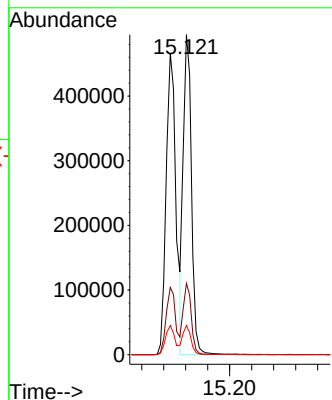
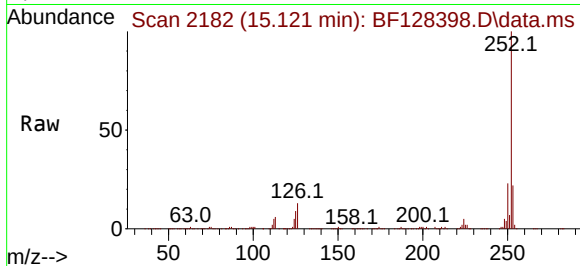




#89
Benzo(k)fluoranthene
Concen: 44.746 ng
RT: 15.121 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

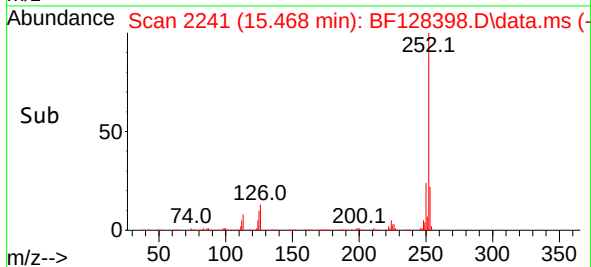
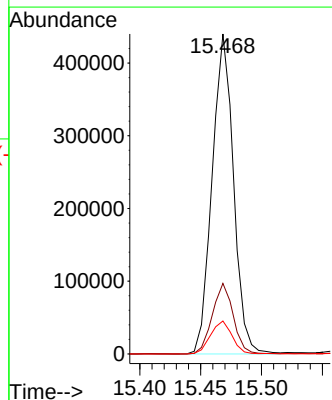
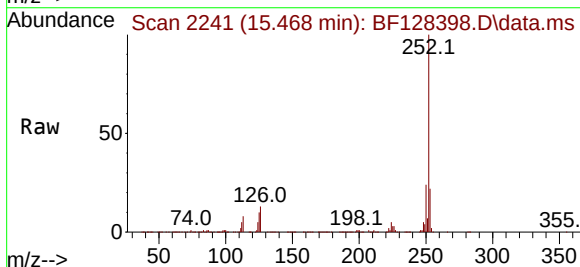
Instrument :
BNA_F
ClientSampleId :
284MSD

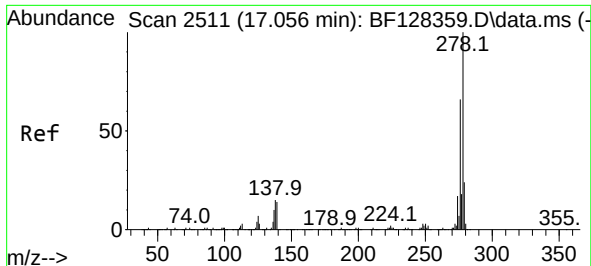
Tgt Ion:252 Resp: 513586
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.1 6.8 10.2



#90
Benzo(a)pyrene
Concen: 54.751 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:252 Resp: 538617
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.3 9.2 13.8

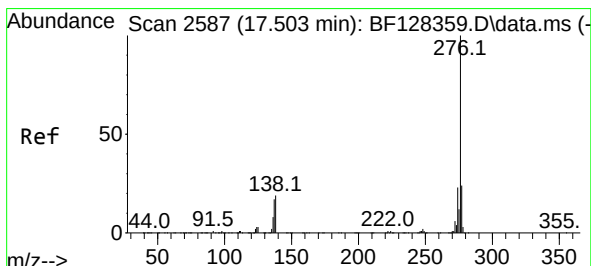
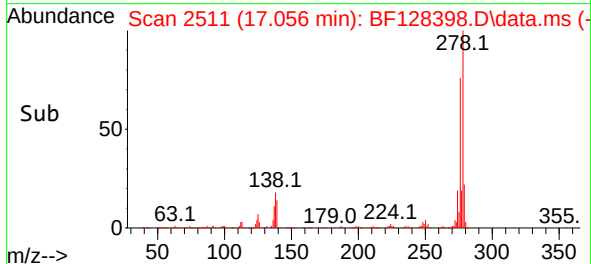
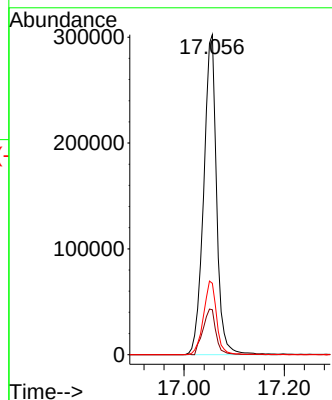
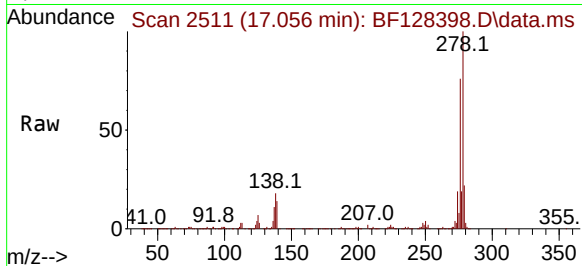




#91
Dibenzo(a,h)anthracene
Concen: 59.932 ng
RT: 17.056 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

Tgt Ion:278 Resp: 540711
Ion Ratio Lower Upper
278 100
139 14.1 12.6 19.0
279 22.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 61.827 ng
RT: 17.503 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:276 Resp: 581942
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 19.3 16.2 24.2

