

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128286.D
 Acq On : 17 May 2022 12:41
 Operator : CG\JU
 Sample : PB144826BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144826BSD

Quant Time: May 18 01:33:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112031	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	434247	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	238570	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	421867	20.000	ng	0.00
76) Chrysene-d12	14.069	240	290267	20.000	ng	0.00
86) Perylene-d12	15.557	264	236077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	549140	78.139	ng	0.01
7) Phenol-d6	6.516	99	695738	74.849	ng	0.00
23) Nitrobenzene-d5	7.445	82	736572	76.323	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198501	72.549	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1156073	75.823	ng	0.00
79) Terphenyl-d14	13.004	244	1307444	84.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	107744	34.464	ng	93
3) Pyridine	3.534	79	257861	31.091	ng	95
4) n-Nitrosodimethylamine	3.505	42	174466	42.199	ng	90
6) Aniline	6.546	93	338220	32.220	ng	98
8) 2-Chlorophenol	6.663	128	297410	41.550	ng	98
9) Benzaldehyde	6.434	77	194738	42.420	ng	94
10) Phenol	6.528	94	384857	39.262	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	299718	40.828	ng	99
12) 1,3-Dichlorobenzene	6.816	146	310774	38.574	ng	95
13) 1,4-Dichlorobenzene	6.893	146	315841	38.797	ng	97
14) 1,2-Dichlorobenzene	7.045	146	306119	39.903	ng	98
15) Benzyl Alcohol	7.022	79	304893	41.507	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.146	45	437091	40.152	ng	94
17) 2-Methylphenol	7.134	107	243298	40.064	ng	94
18) Hexachloroethane	7.387	117	123757	40.239	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	230162	40.208	ng	95
20) 3+4-Methylphenols	7.287	107	286103	38.051	ng	# 84
22) Acetophenone	7.293	105	417649	38.624	ng	# 89
24) Nitrobenzene	7.463	77	364247	40.895	ng	96
25) Isophorone	7.704	82	651656	43.071	ng	98
26) 2-Nitrophenol	7.781	139	157038	40.152	ng	97
27) 2,4-Dimethylphenol	7.816	122	266347	44.182	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	373267	39.029	ng	100
29) 2,4-Dichlorophenol	8.022	162	244801	38.626	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	273589	37.666	ng	99
31) Naphthalene	8.181	128	832150	38.802	ng	99
32) Benzoic acid	7.957	122	160766	35.660	ng	92
33) 4-Chloroaniline	8.234	127	218817	25.702	ng	96
34) Hexachlorobutadiene	8.292	225	180711	37.051	ng	99
35) Caprolactam	8.616	113	45296	21.895	ng	89
36) 4-Chloro-3-methylphenol	8.722	107	277566	39.197	ng	96
37) 2-Methylnaphthalene	8.875	142	559431	38.690	ng	100
38) 1-Methylnaphthalene	8.975	142	527915	38.015	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	276413	39.278	ng	99
41) Hexachlorocyclopentadiene	9.022	237	254280	79.120	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	177389	39.125	ng	99

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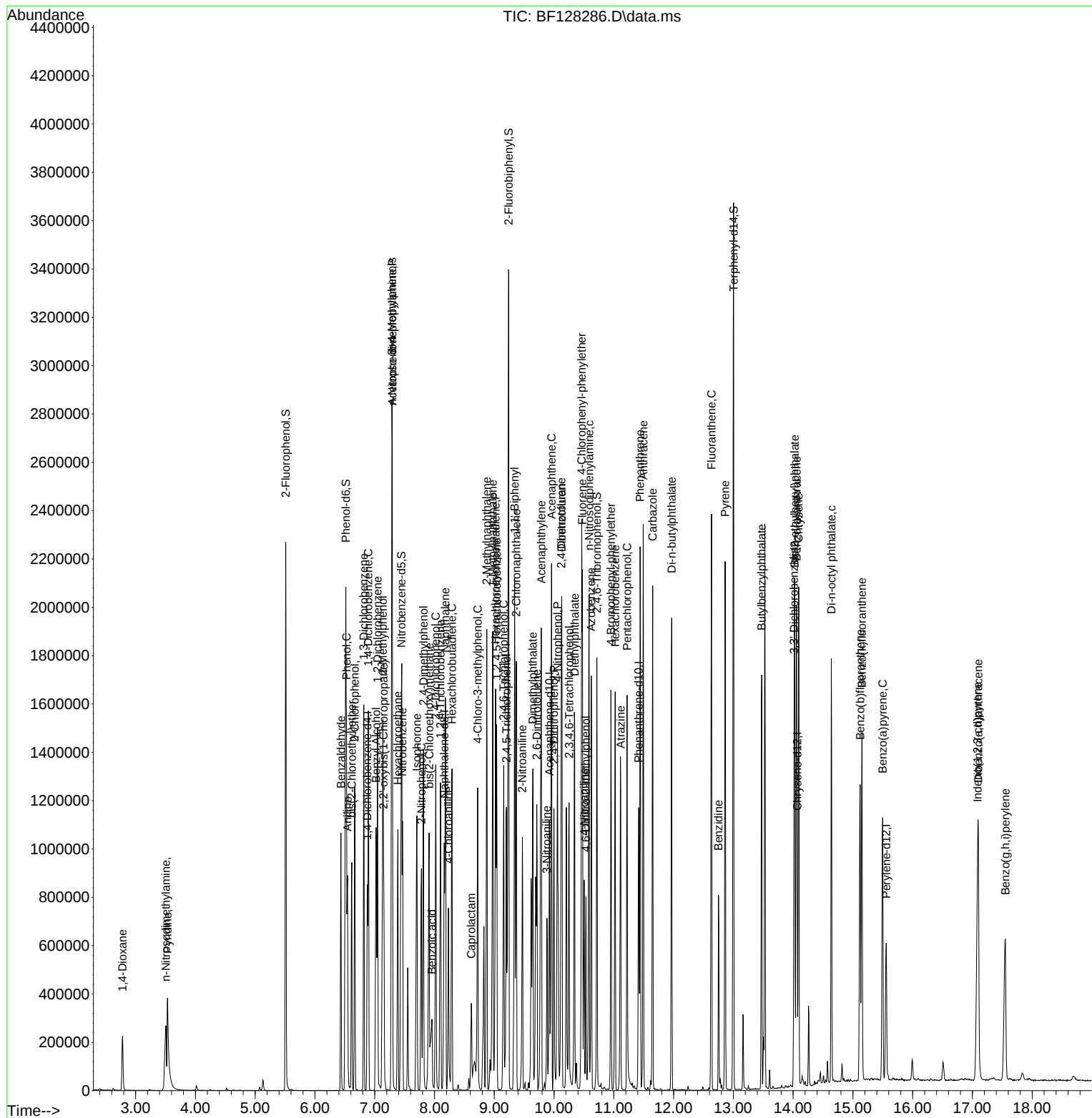
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	188107	38.911	ng	96
46) 1,1'-Biphenyl	9.339	154	687672	39.594	ng	100
47) 2-Chloronaphthalene	9.369	162	510246	39.638	ng	98
48) 2-Nitroaniline	9.469	65	194819	42.213	ng	92
49) Acenaphthylene	9.787	152	811757	41.692	ng	99
50) Dimethylphthalate	9.645	163	622648	40.444	ng	99
51) 2,6-Dinitrotoluene	9.710	165	142700	42.254	ng	88
52) Acenaphthene	9.957	154	487519	36.113	ng	100
53) 3-Nitroaniline	9.881	138	99075	27.061	ng	94
54) 2,4-Dinitrophenol	9.998	184	137999	73.863	ng	# 80
55) Dibenzofuran	10.128	168	730700	38.122	ng	98
56) 4-Nitrophenol	10.057	139	182596	71.374	ng	85
57) 2,4-Dinitrotoluene	10.122	165	184688	40.898	ng	# 76
58) Fluorene	10.475	166	573633	38.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155547	37.651	ng	98
60) Diethylphthalate	10.345	149	618321	40.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	279022	37.475	ng	97
62) 4-Nitroaniline	10.504	138	134737	36.302	ng	87
63) Azobenzene	10.622	77	667161	39.665	ng	97
65) 4,6-Dinitro-2-methylph...	10.534	198	100376	38.017	ng	98
66) n-Nitrosodiphenylamine	10.586	169	507951	41.314	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	182543	40.219	ng	96
68) Hexachlorobenzene	11.022	284	203493	40.987	ng	96
69) Atrazine	11.116	200	176671	42.598	ng	97
70) Pentachlorophenol	11.222	266	185324	76.912	ng	97
71) Phenanthrene	11.439	178	850238	40.475	ng	100
72) Anthracene	11.492	178	866376	41.309	ng	99
73) Carbazole	11.651	167	768253	38.521	ng	100
74) Di-n-butylphthalate	11.969	149	939850	40.935	ng	99
75) Fluoranthene	12.633	202	912332	40.060	ng	98
77) Benzidine	12.751	184	283784	45.140	ng	98
78) Pyrene	12.863	202	914870	43.468	ng	100
80) Butylbenzylphthalate	13.475	149	377046	43.091	ng	93
81) Benzo(a)anthracene	14.057	228	768002	41.423	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	188155	45.228	ng	99
83) Chrysene	14.092	228	700305	39.587	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	505248	42.736	ng	99
85) Di-n-octyl phthalate	14.639	149	785739	41.606	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	599685	41.993	ng	97
88) Benzo(b)fluoranthene	15.121	252	636019	43.461	ng	99
89) Benzo(k)fluoranthene	15.151	252	582347	40.312	ng	98
90) Benzo(a)pyrene	15.498	252	573503	48.542	ng	# 97
91) Dibenzo(a,h)anthracene	17.098	278	514747	44.523	ng	97
92) Benzo(g,h,i)perylene	17.551	276	530141	45.287	ng	96

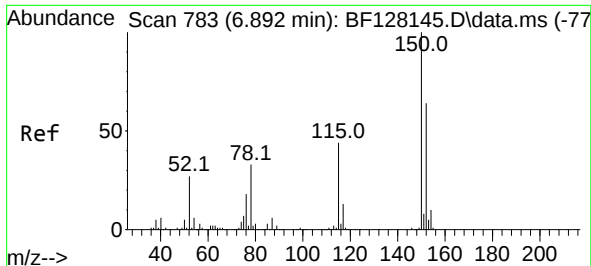
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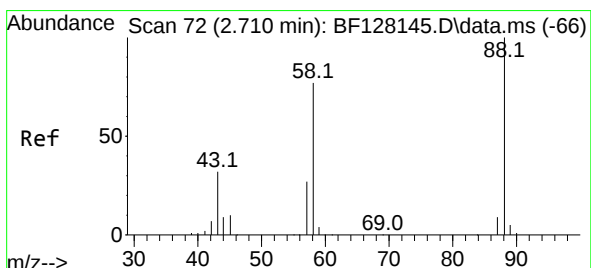
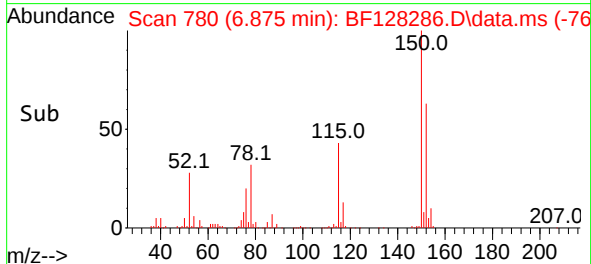
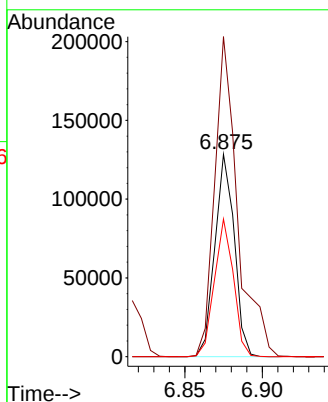
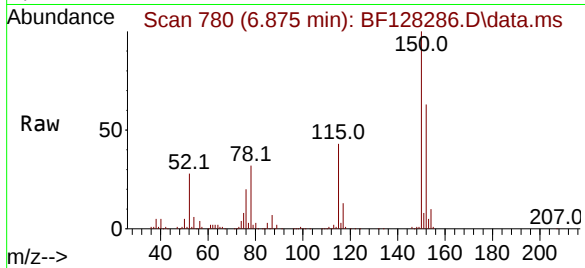




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

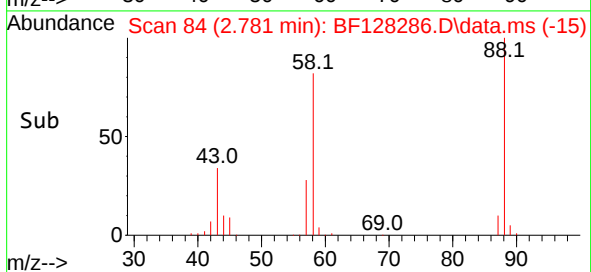
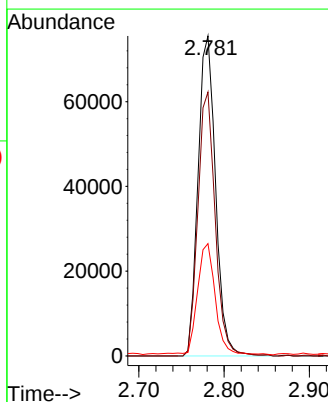
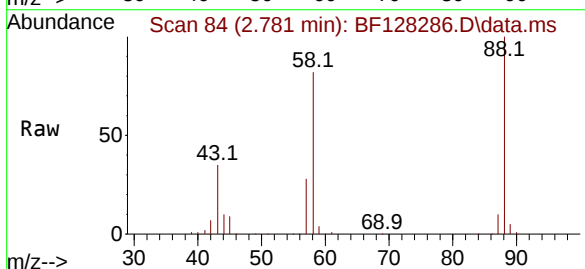
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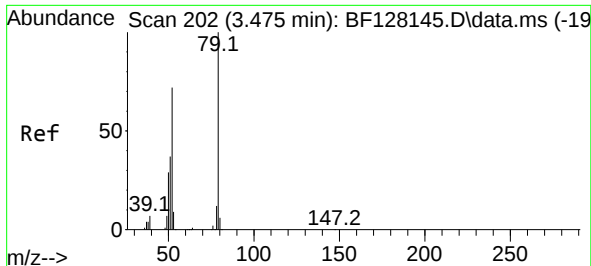
Tgt Ion:152 Resp: 112031
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 68.0 48.8 73.2



#2
 1,4-Dioxane
 Concen: 34.464 ng
 RT: 2.781 min Scan# 84
 Delta R.T. 0.106 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

Tgt Ion: 88 Resp: 107744
 Ion Ratio Lower Upper
 88 100
 58 81.6 61.0 91.4
 43 35.9 24.9 37.3

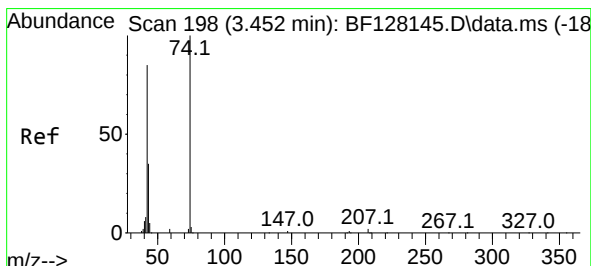
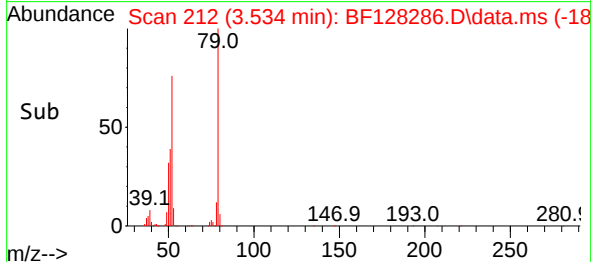
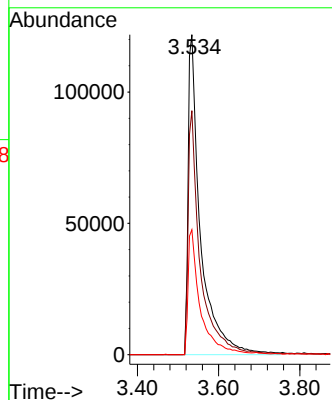
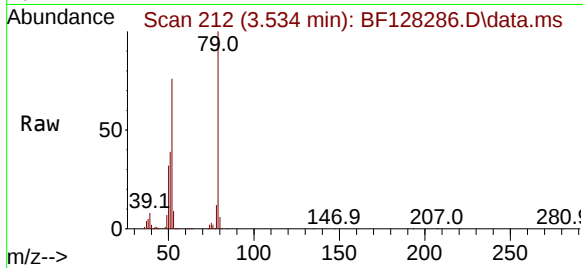




#3
 Pyridine
 Concen: 31.091 ng
 RT: 3.534 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

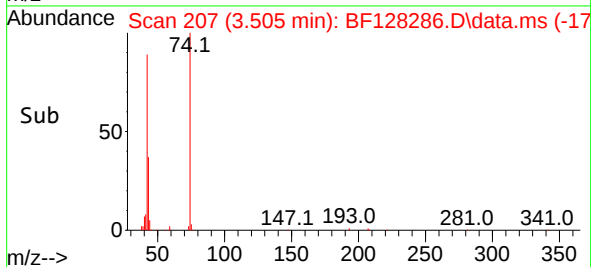
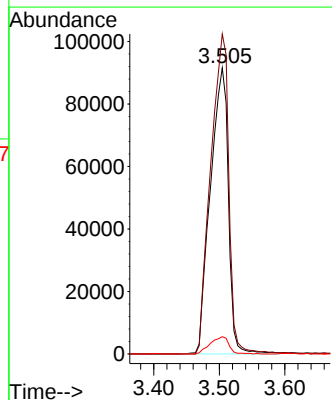
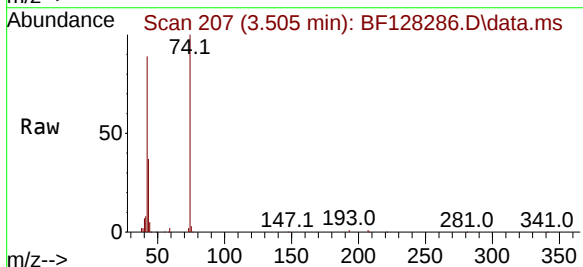
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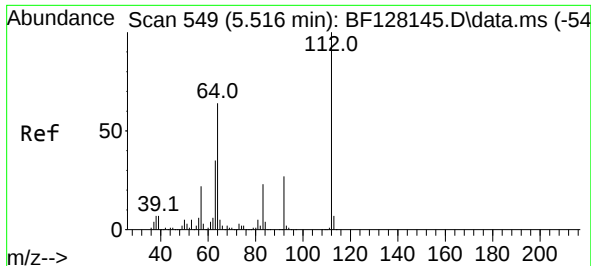
Tgt Ion: 79 Resp: 257861
 Ion Ratio Lower Upper
 79 100
 52 76.3 58.3 87.5
 51 39.1 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 42.199 ng
 RT: 3.505 min Scan# 207
 Delta R.T. 0.082 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

Tgt Ion: 42 Resp: 174466
 Ion Ratio Lower Upper
 42 100
 74 111.8 99.0 148.4
 44 6.1 5.2 7.8

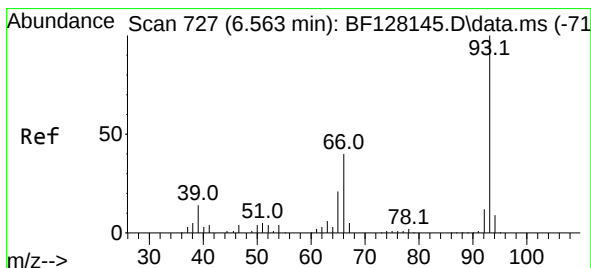
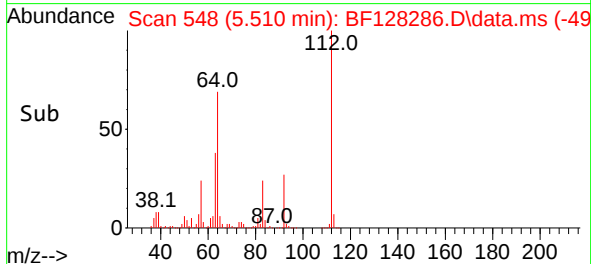
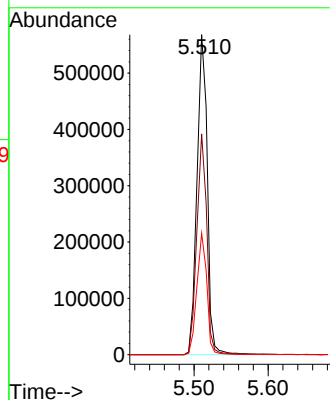
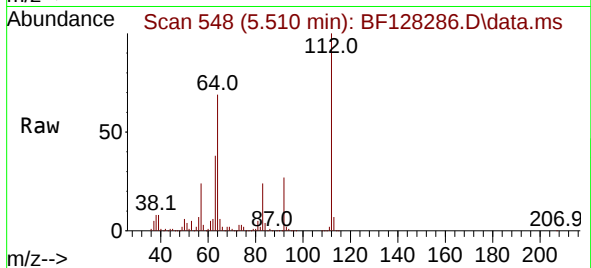




#5
2-Fluorophenol
Concen: 78.139 ng
RT: 5.510 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

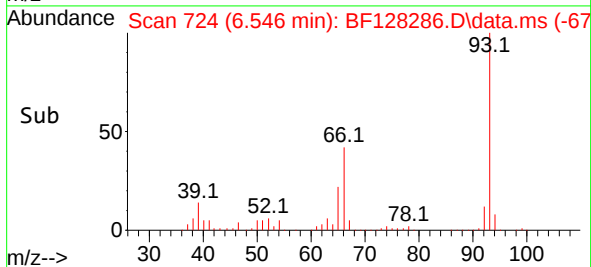
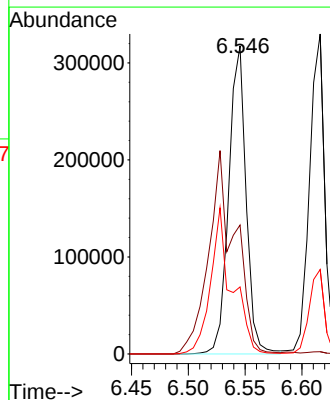
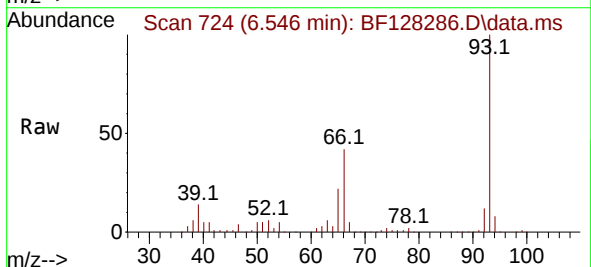
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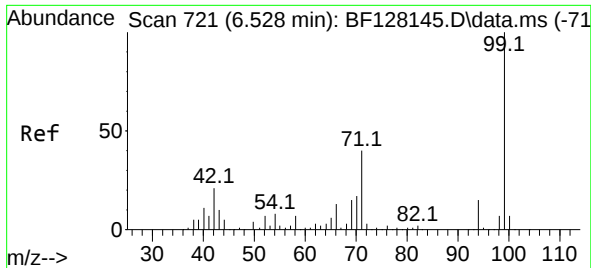
Tgt Ion:112 Resp: 549140
Ion Ratio Lower Upper
112 100
64 69.0 49.5 74.3
63 38.0 26.3 39.5



#6
Aniline
Concen: 32.220 ng
RT: 6.546 min Scan# 724
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion: 93 Resp: 338220
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.4
65 21.8 16.7 25.1

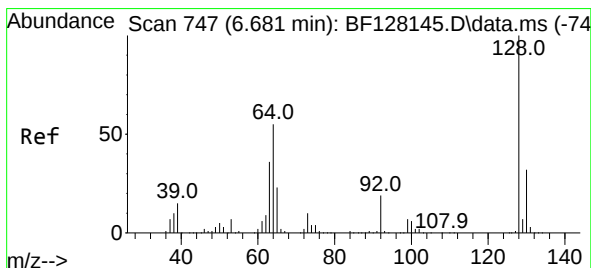
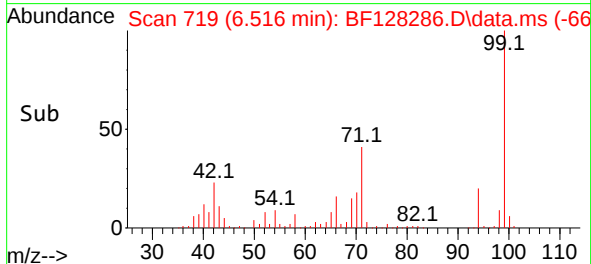
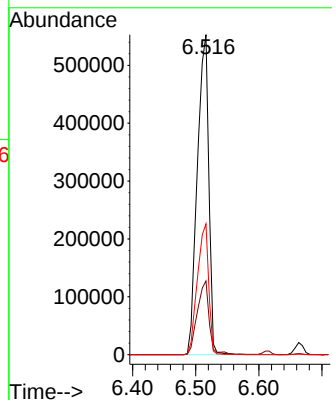
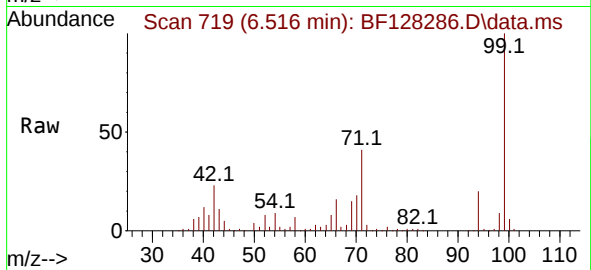




#7
Phenol-d6
Concen: 74.849 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

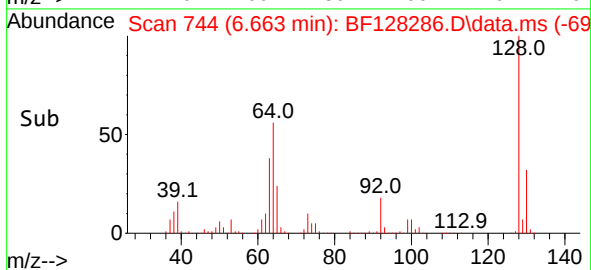
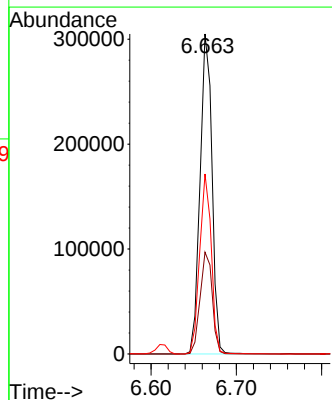
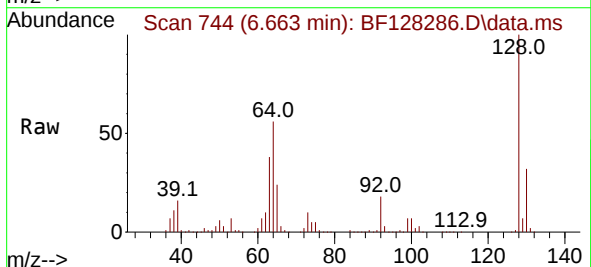
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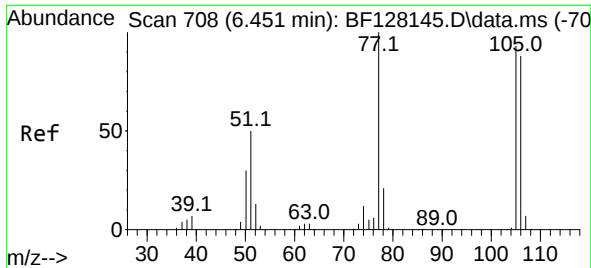
Tgt Ion: 99 Resp: 695738
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 40.9 30.0 45.0



#8
2-Chlorophenol
Concen: 41.550 ng
RT: 6.663 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:128 Resp: 297410
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 56.3 33.8 73.8

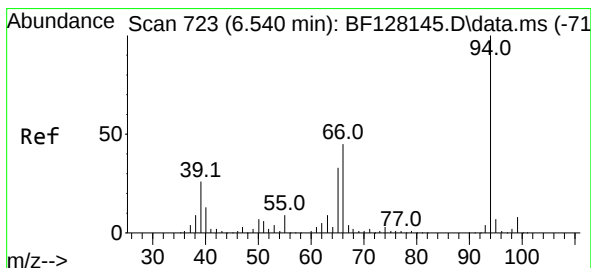
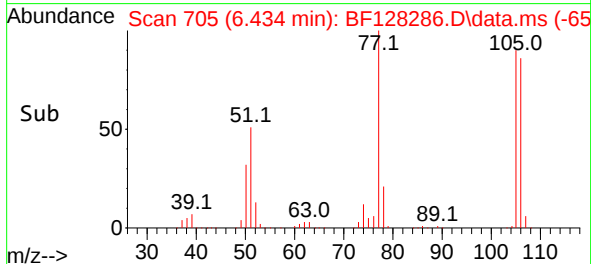
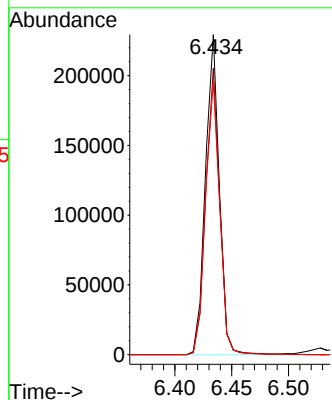
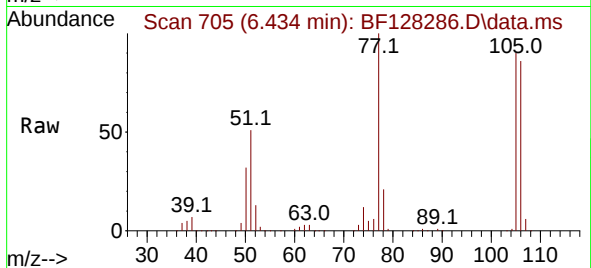




#9
Benzaldehyde
Concen: 42.420 ng
RT: 6.434 min Scan# 708
Delta R.T. 0.000 min
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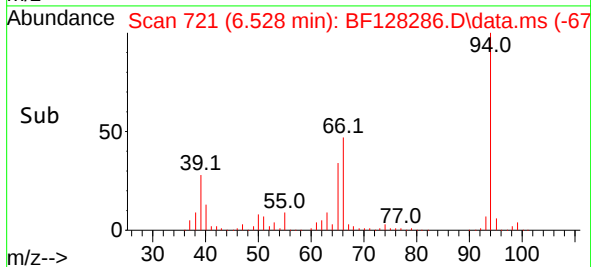
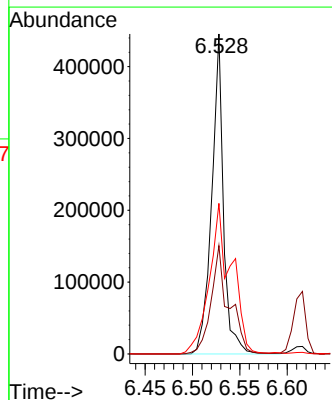
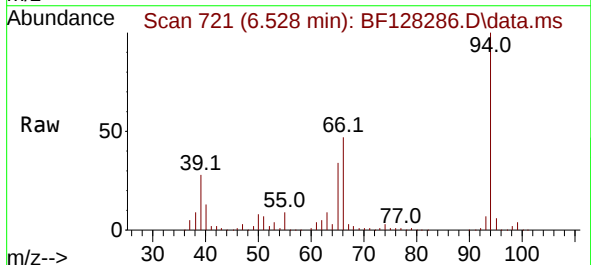
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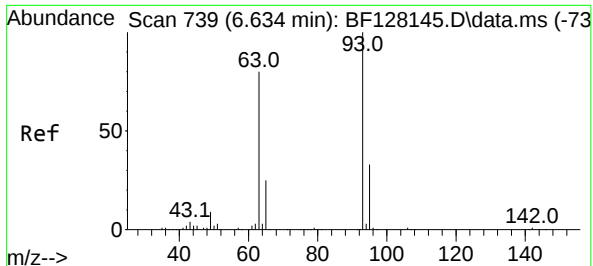
Tgt Ion: 77 Resp: 194738
Ion Ratio Lower Upper
77 100
105 89.6 74.9 114.9
106 85.5 72.2 112.2



#10
Phenol
Concen: 39.262 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion: 94 Resp: 384857
Ion Ratio Lower Upper
94 100
65 33.8 10.6 50.6
66 47.0 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 40.828 ng

RT: 6.616 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

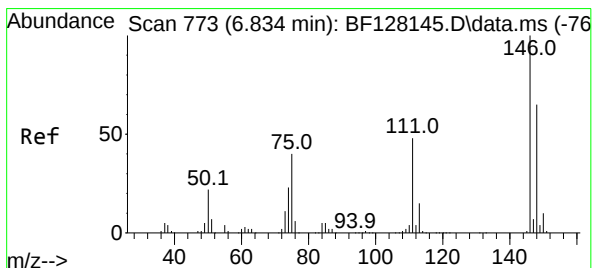
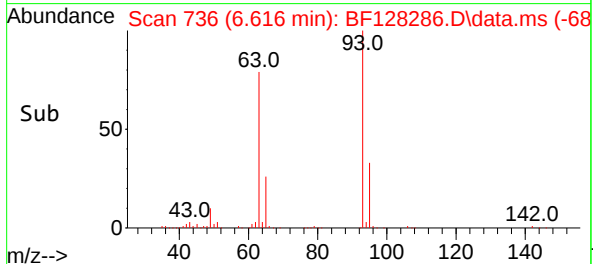
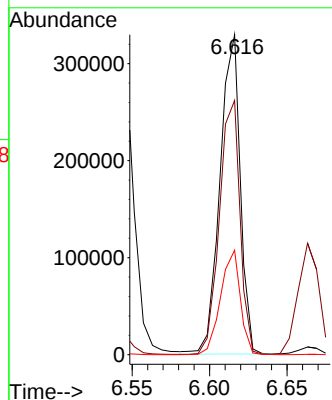
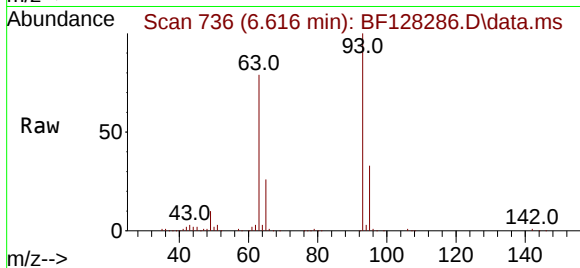
Tgt Ion: 93 Resp: 299718

Ion Ratio Lower Upper

93 100

63 79.4 58.6 98.6

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.574 ng

RT: 6.816 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

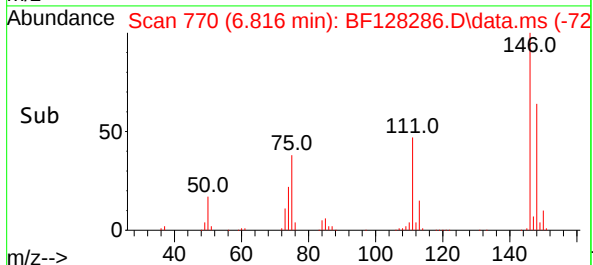
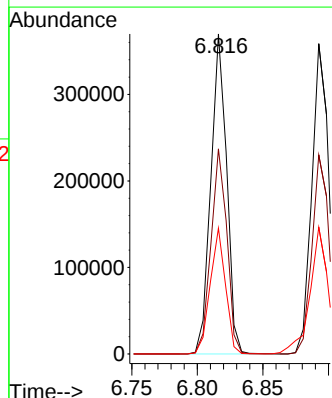
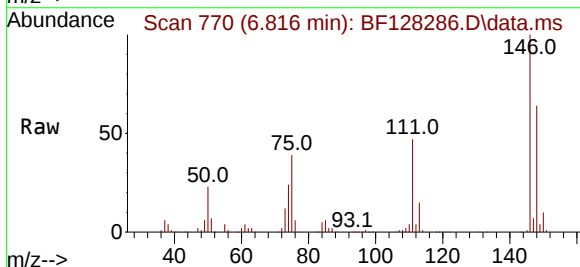
Tgt Ion: 146 Resp: 310774

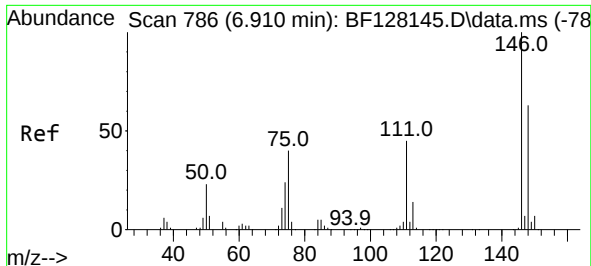
Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

75 39.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.797 ng

RT: 6.893 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

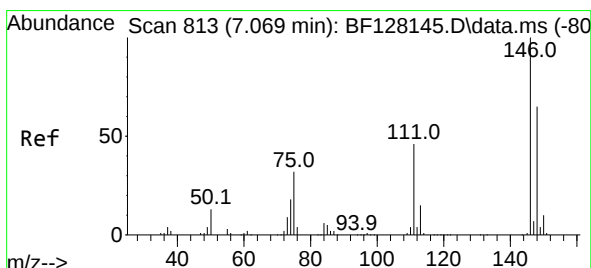
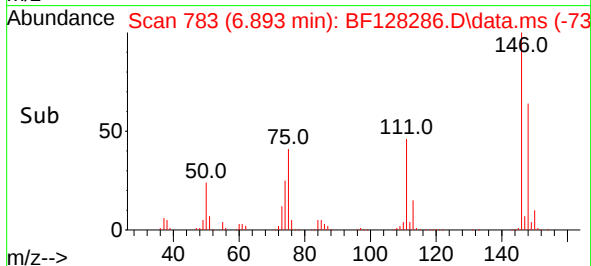
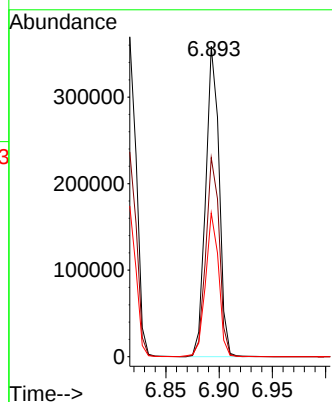
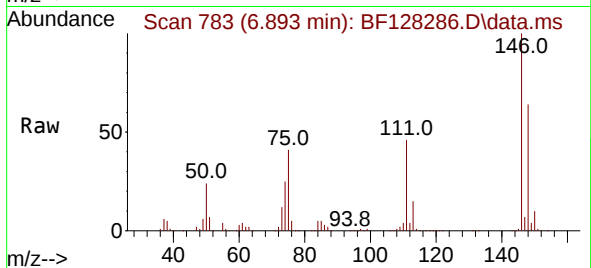
Tgt Ion:146 Resp: 315841

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

111 46.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 39.903 ng

RT: 7.045 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

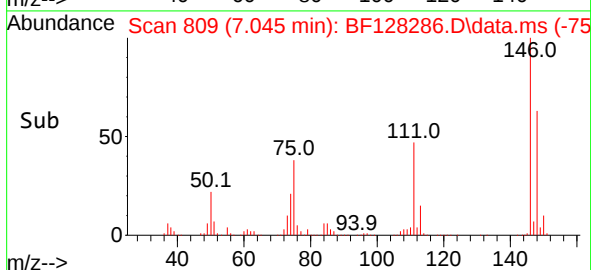
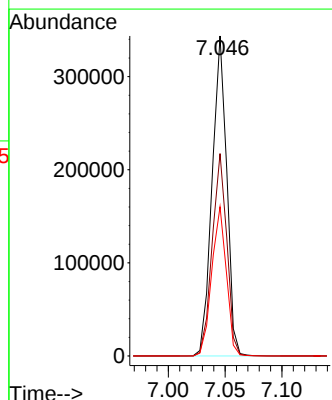
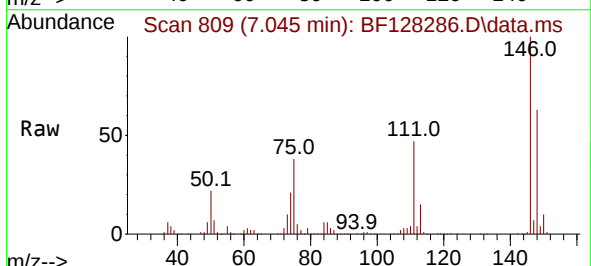
Tgt Ion:146 Resp: 306119

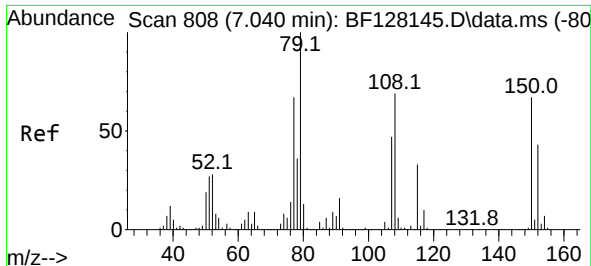
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

111 46.6 36.6 55.0

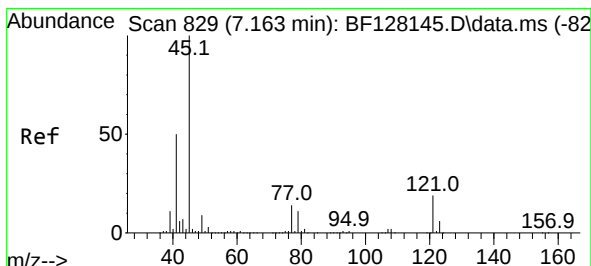
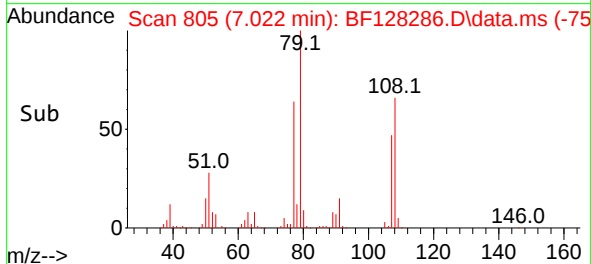
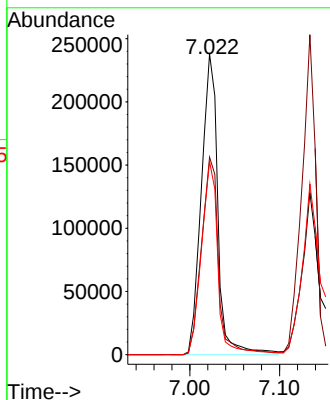
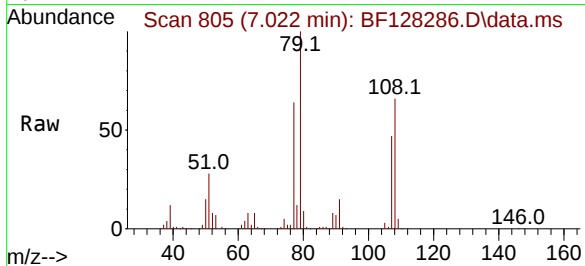




#15
Benzyl Alcohol
Concen: 41.507 ng
RT: 7.022 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

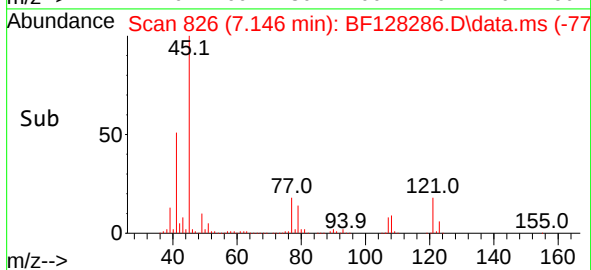
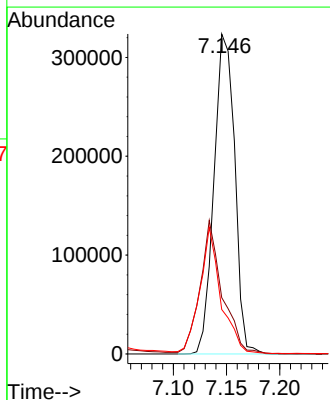
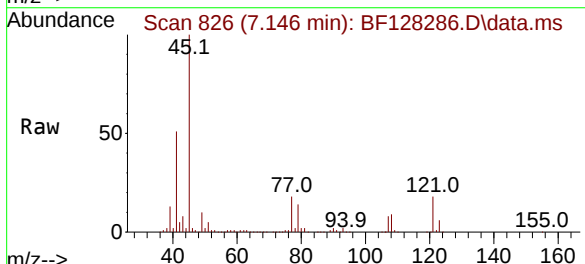
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

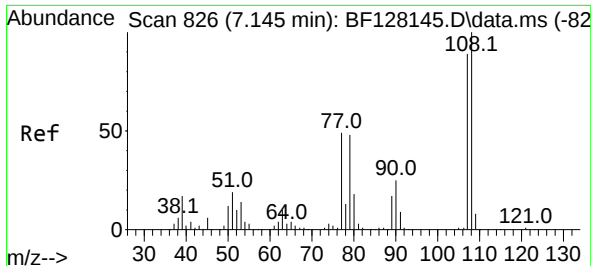
Tgt Ion: 79 Resp: 304893
Ion Ratio Lower Upper
79 100
108 65.7 57.0 85.6
77 64.2 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.152 ng
RT: 7.146 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion: 45 Resp: 437091
Ion Ratio Lower Upper
45 100
77 17.6 0.0 34.9
79 13.9 0.0 31.6

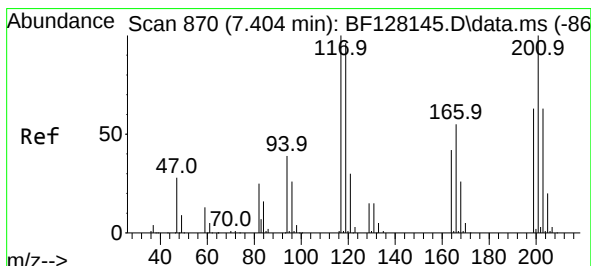
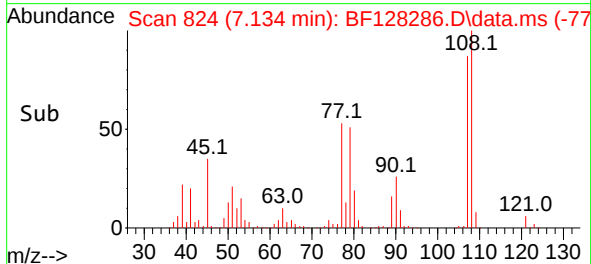
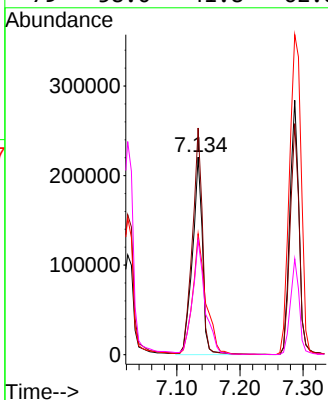
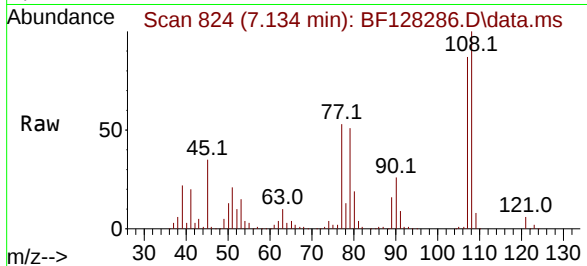




#17
2-Methylphenol
Concen: 40.064 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

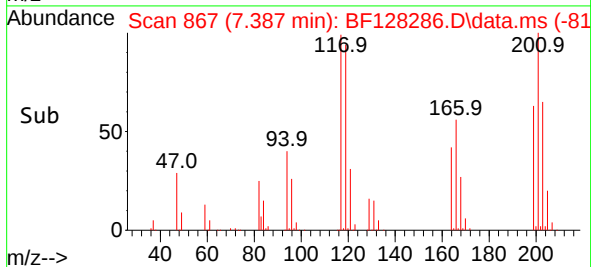
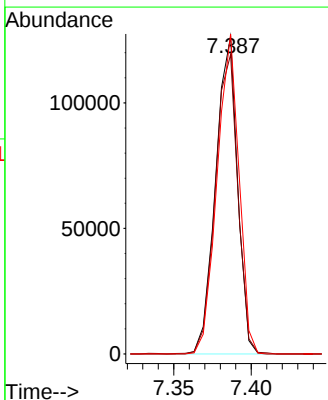
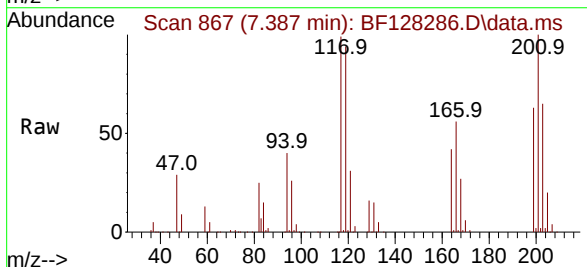
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

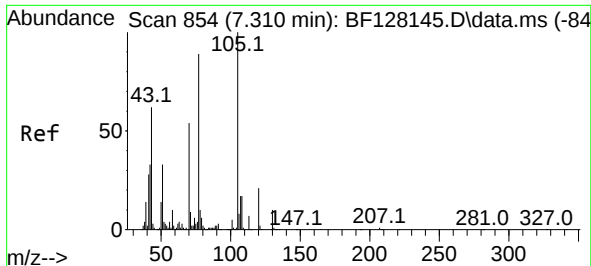
Tgt Ion:107 Resp: 243298
Ion Ratio Lower Upper
107 100
108 114.7 90.2 135.2
77 61.2 41.9 62.9
79 58.0 41.8 62.8



#18
Hexachloroethane
Concen: 40.239 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:117 Resp: 123757
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
201 100.8 84.4 126.6

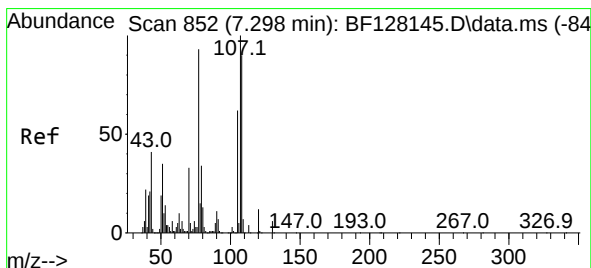
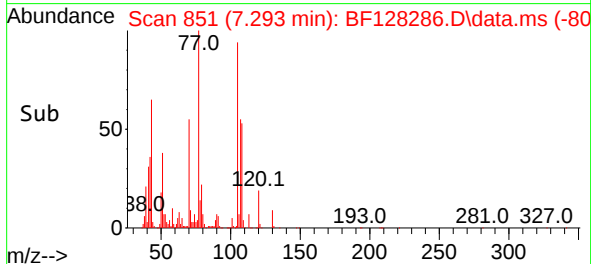
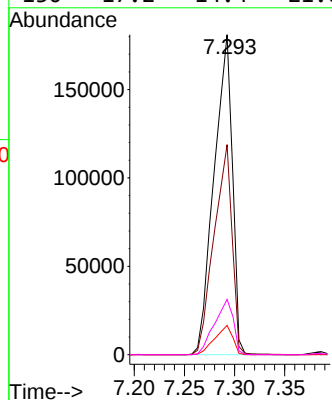
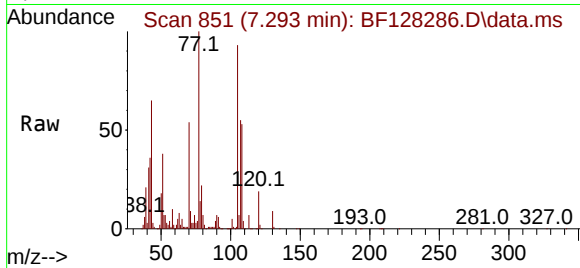




#19
n-Nitroso-di-n-propylamine
Concen: 40.208 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

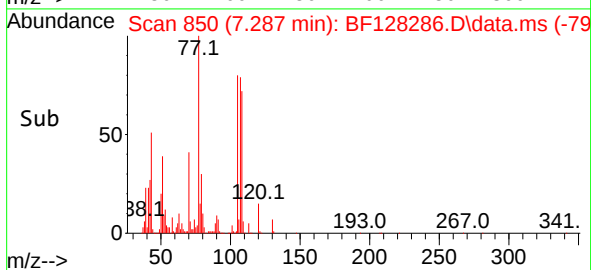
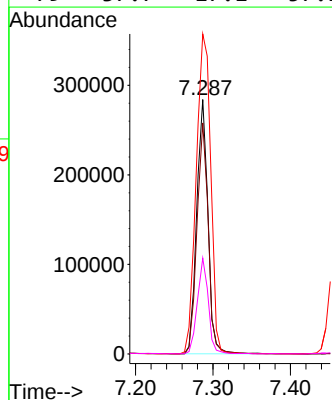
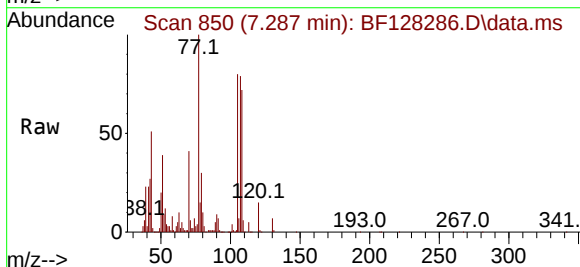
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

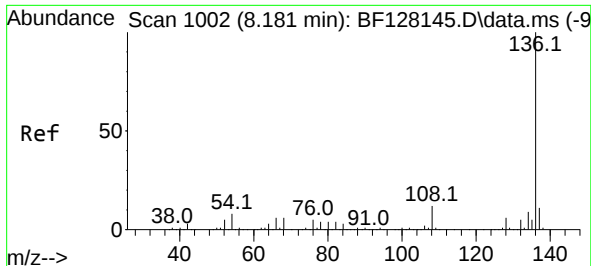
Tgt Ion: 70 Resp: 230162
Ion Ratio Lower Upper
70 100
42 65.7 48.7 73.1
101 9.2 7.2 10.8
130 17.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 38.051 ng
RT: 7.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:107 Resp: 286103
Ion Ratio Lower Upper
107 100
108 90.9 73.4 113.4
77 125.8 71.1 111.1#
79 37.7 17.1 57.1

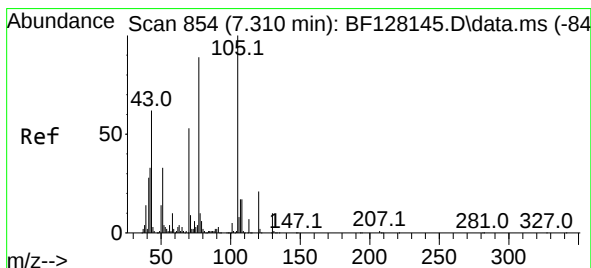
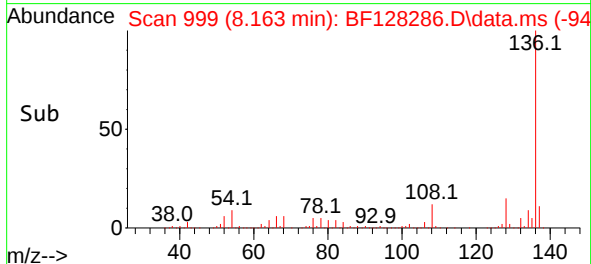
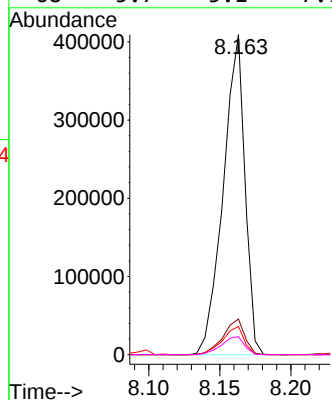
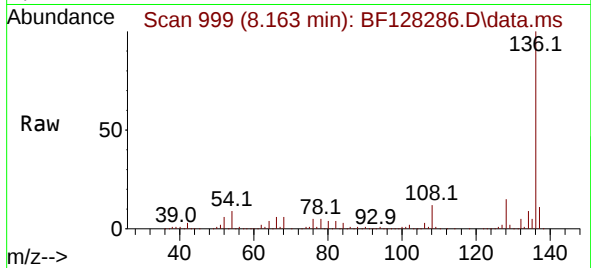




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

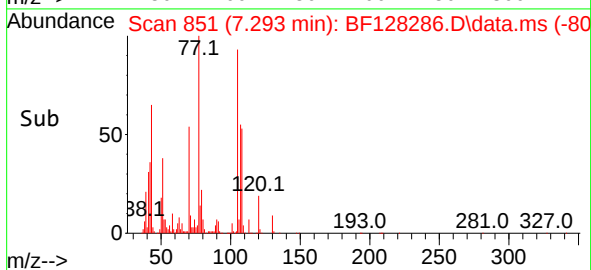
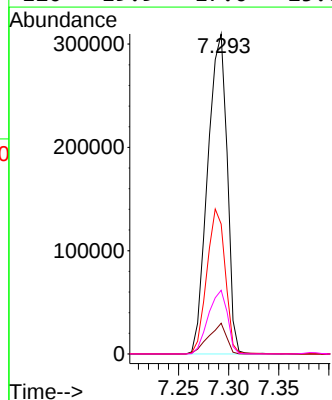
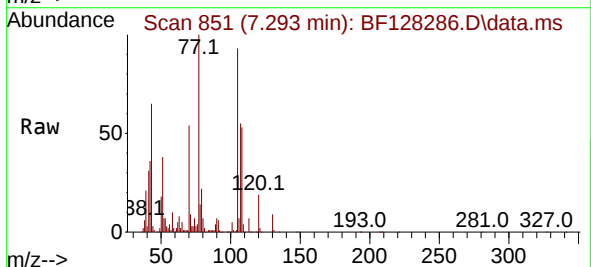
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

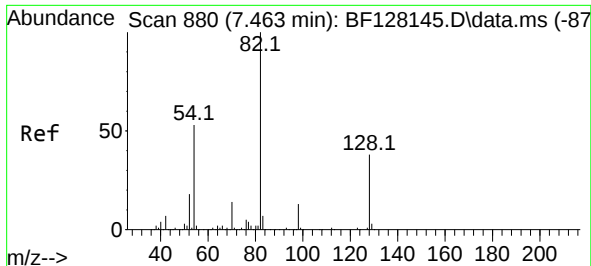
Tgt Ion:136 Resp: 434247
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 6.8 10.2
68 5.7 5.1 7.7



#22
Acetophenone
Concen: 38.624 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:105 Resp: 417649
Ion Ratio Lower Upper
105 100
71 9.6 7.3 10.9
51 40.6 23.7 35.5#
120 19.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.323 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

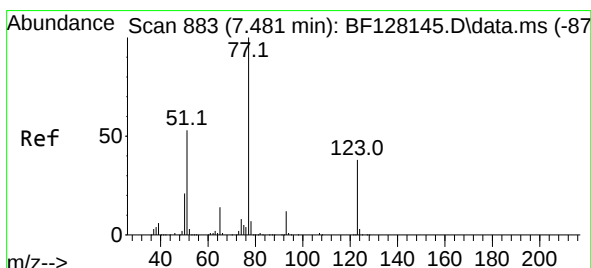
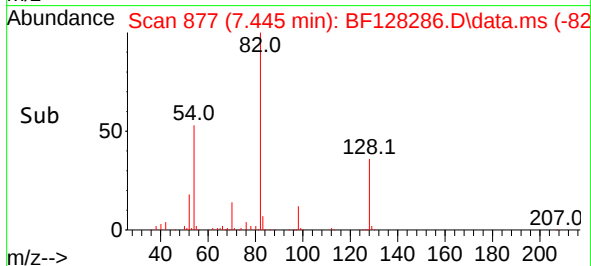
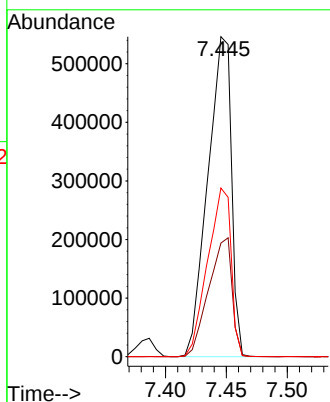
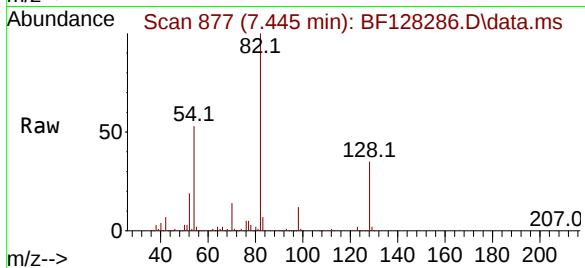
Tgt Ion: 82 Resp: 736572

Ion Ratio Lower Upper

82 100

128 35.5 30.0 45.0

54 52.7 41.3 61.9



#24

Nitrobenzene

Concen: 40.895 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

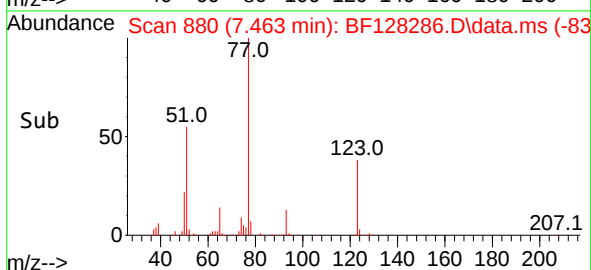
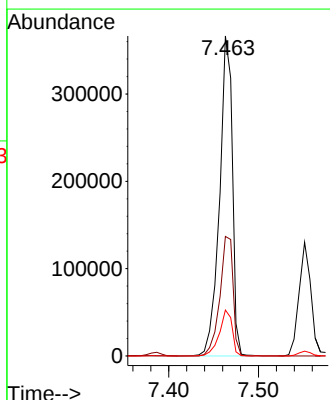
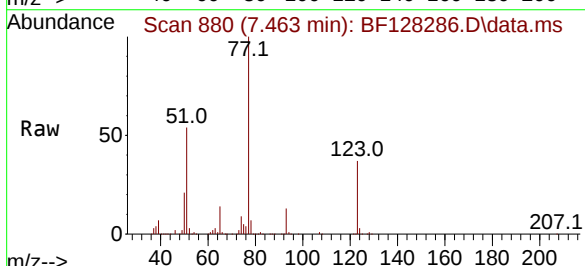
Tgt Ion: 77 Resp: 364247

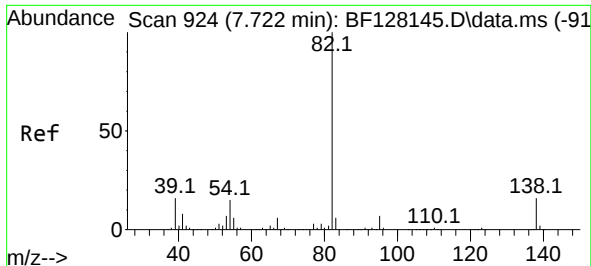
Ion Ratio Lower Upper

77 100

123 37.3 32.0 48.0

65 14.4 11.0 16.6

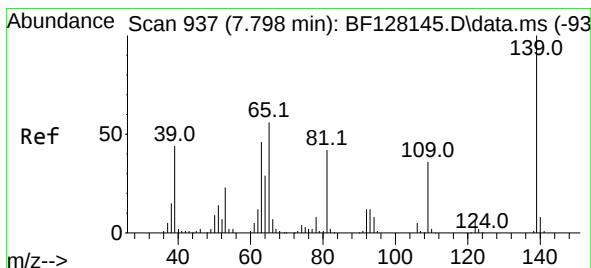
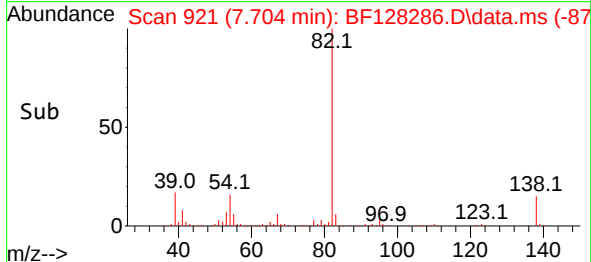
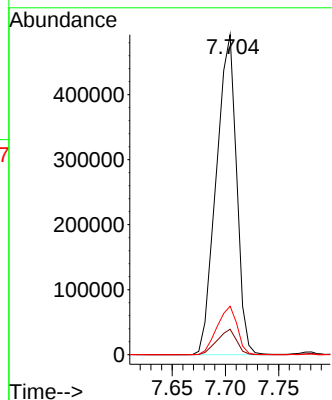
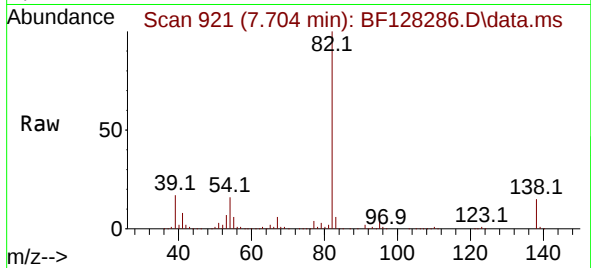




#25
Isophorone
Concen: 43.071 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

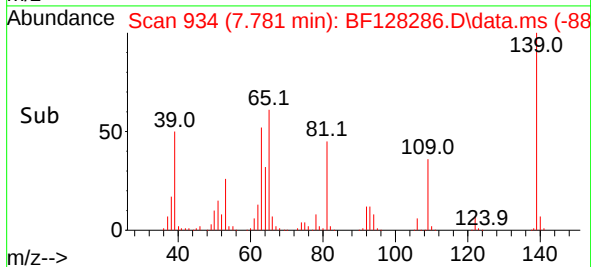
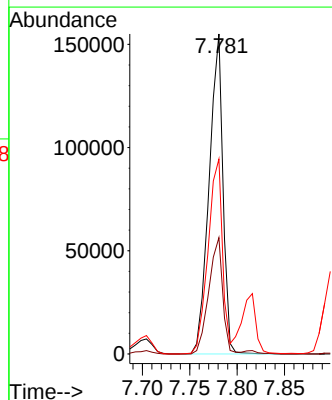
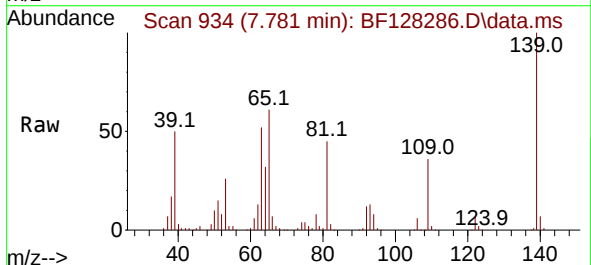
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

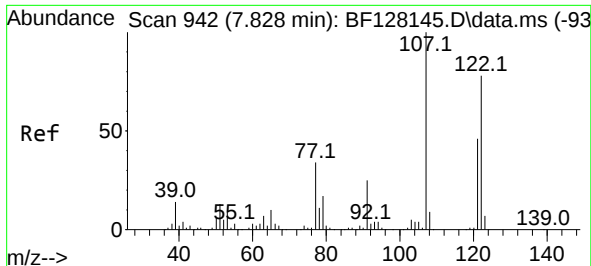
Tgt Ion: 82 Resp: 651656
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 15.1 12.5 18.7



#26
2-Nitrophenol
Concen: 40.152 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion: 139 Resp: 157038
Ion Ratio Lower Upper
139 100
109 36.4 27.4 41.2
65 60.9 50.8 76.2



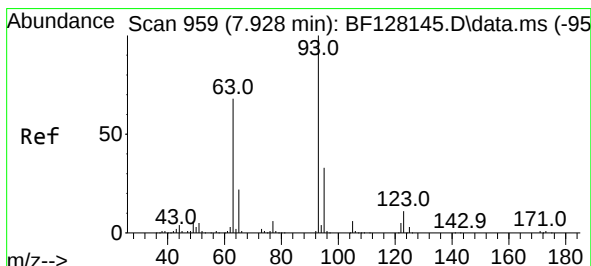
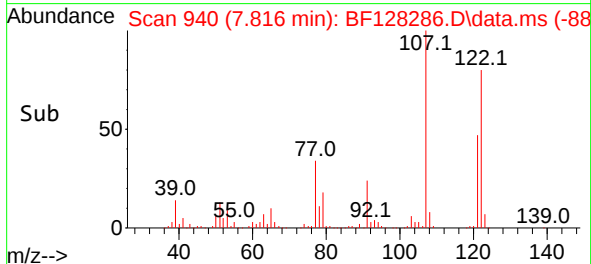
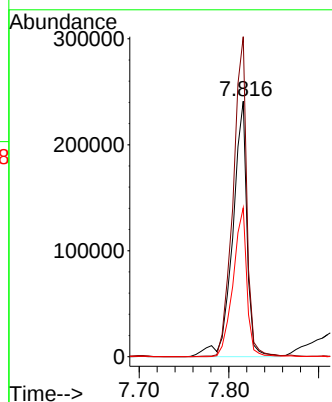
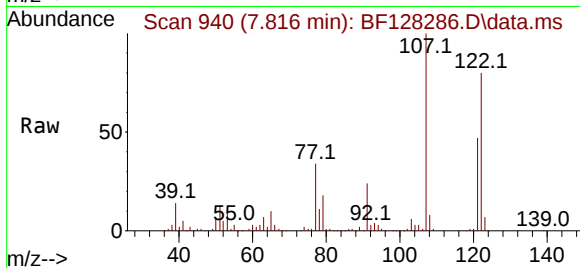


#27
 2,4-Dimethylphenol
 Concen: 44.182 ng
 RT: 7.816 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

Instrument :
 BNA_F
 ClientSampleId :
 PB144826BSD

Tgt Ion:122 Resp: 266347

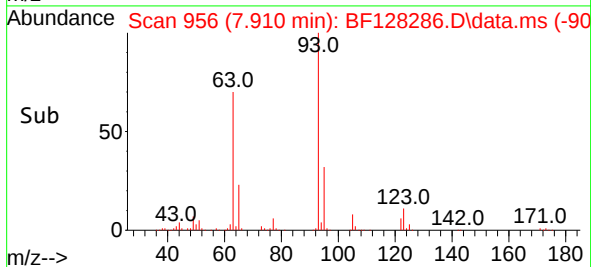
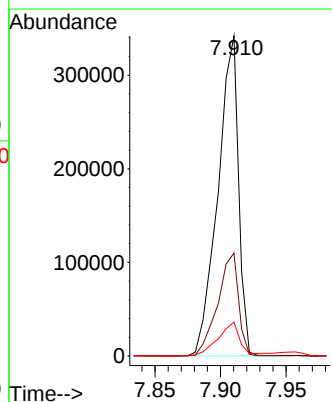
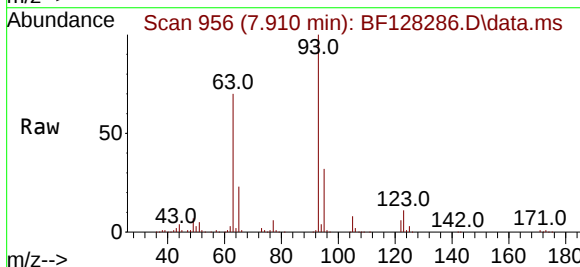
Ion	Ratio	Lower	Upper
122	100		
107	125.2	97.5	146.3
121	58.2	46.0	69.0

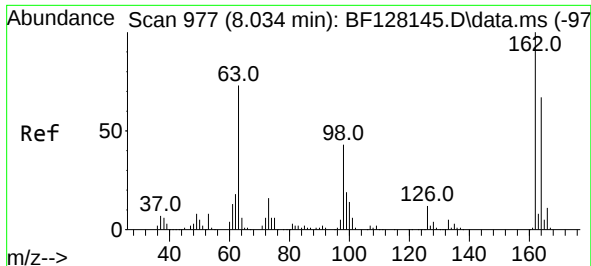


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.029 ng
 RT: 7.910 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

Tgt Ion: 93 Resp: 373267

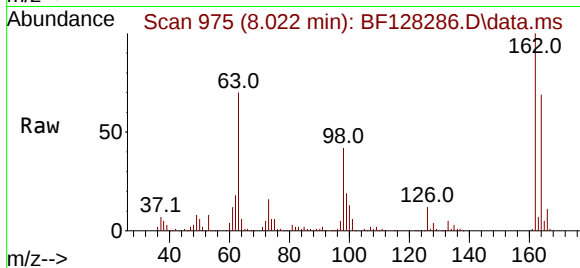
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.7	38.5
123	10.6	8.3	12.5



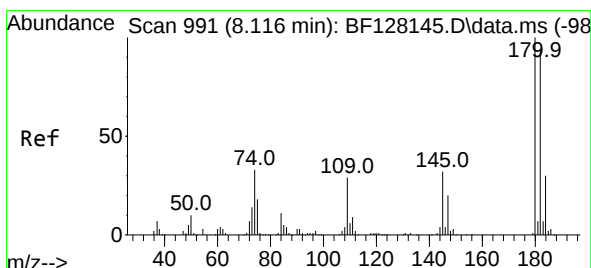
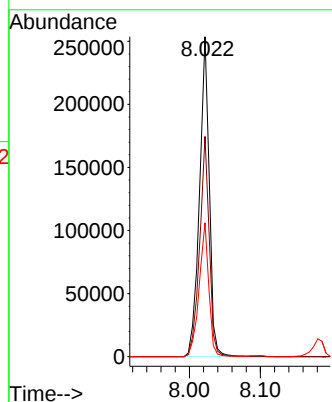
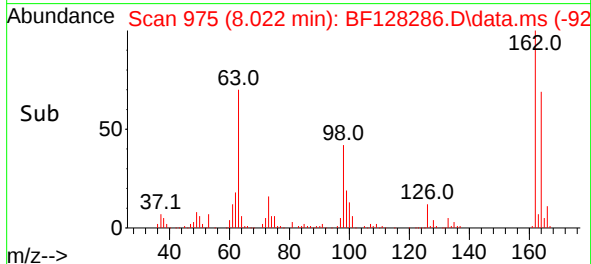


#29
2,4-Dichlorophenol
Concen: 38.626 ng
RT: 8.022 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

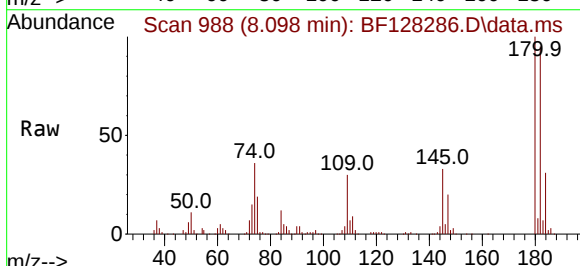
Instrument :
BNA_F
ClientSampleId :
PB144826BSD



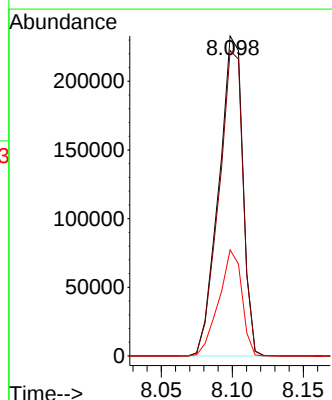
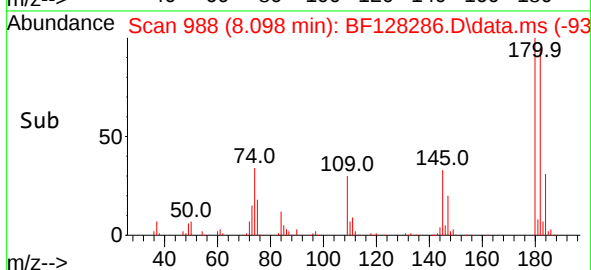
Tgt Ion:162 Resp: 244801
Ion Ratio Lower Upper
162 100
164 68.9 47.1 87.1
98 41.9 20.7 60.7

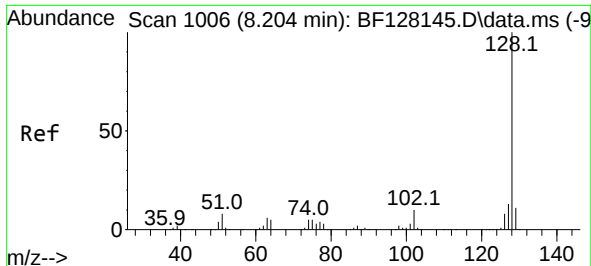


#30
1,2,4-Trichlorobenzene
Concen: 37.666 ng
RT: 8.098 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41



Tgt Ion:180 Resp: 273589
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 33.1 25.1 37.7





#31

Naphthalene

Concen: 38.802 ng

RT: 8.181 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

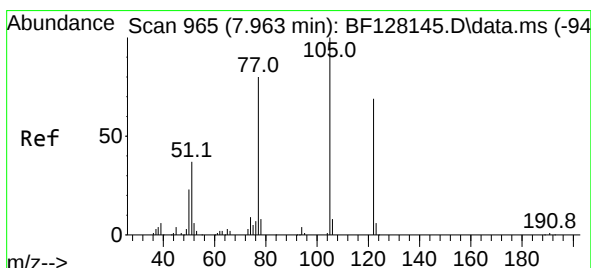
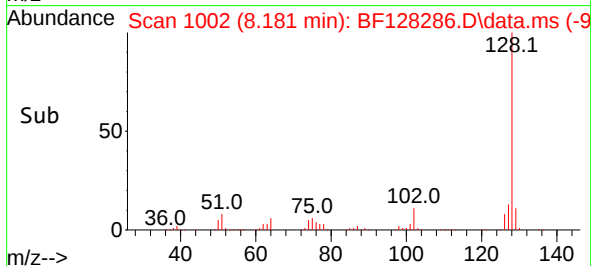
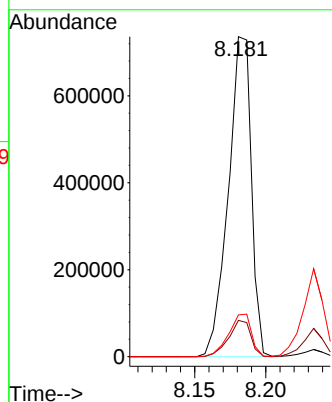
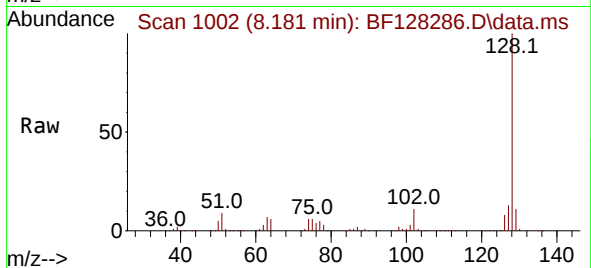
Tgt Ion:128 Resp: 832150

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.0 10.6 16.0



#32

Benzoic acid

Concen: 35.660 ng

RT: 7.957 min Scan# 964

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

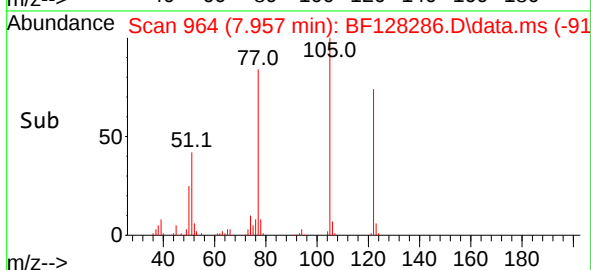
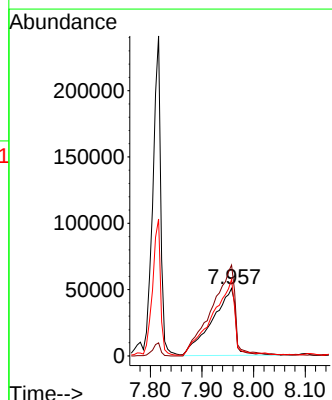
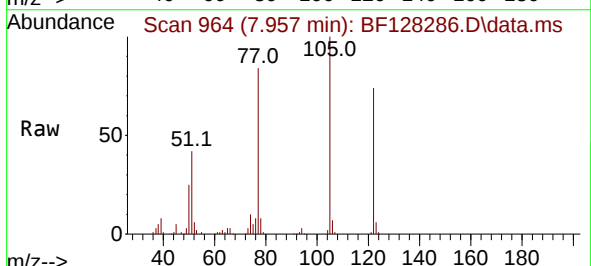
Tgt Ion:122 Resp: 160766

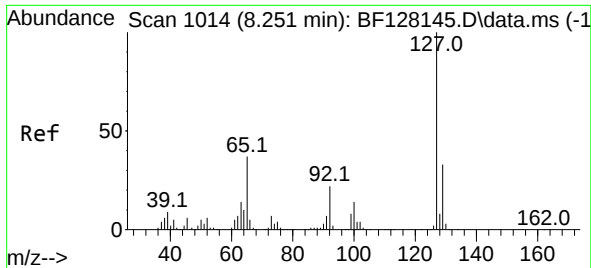
Ion Ratio Lower Upper

122 100

105 134.8 107.9 147.9

77 113.4 82.5 122.5

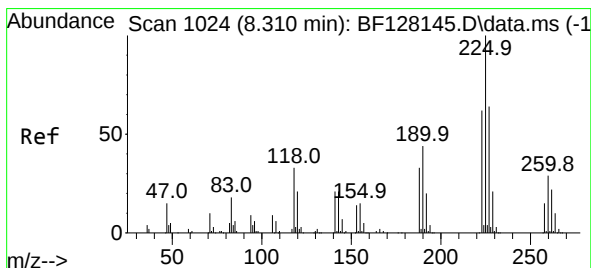
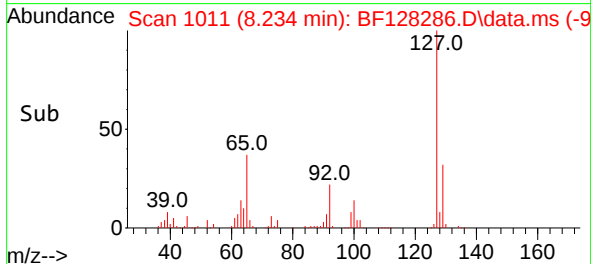
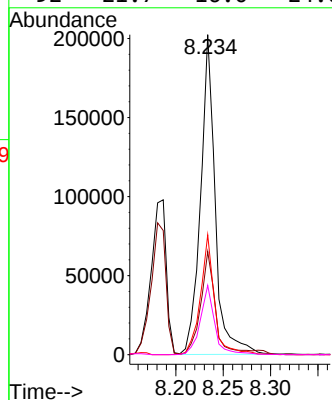
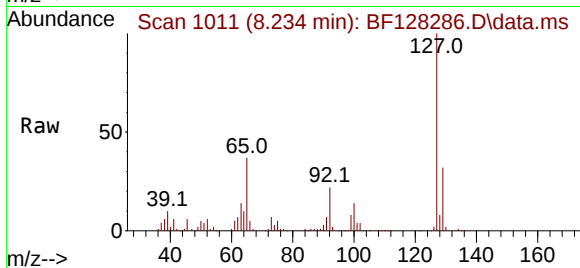




#33
4-Chloroaniline
Concen: 25.702 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

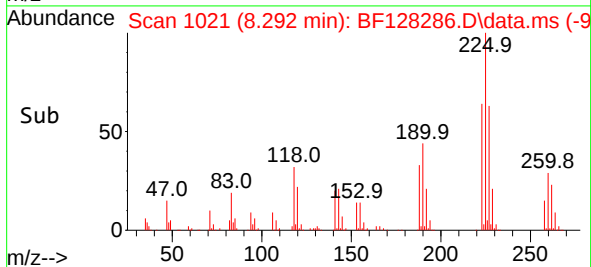
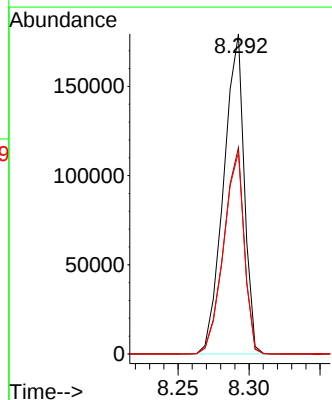
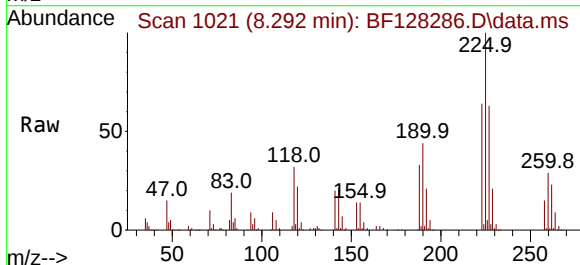
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

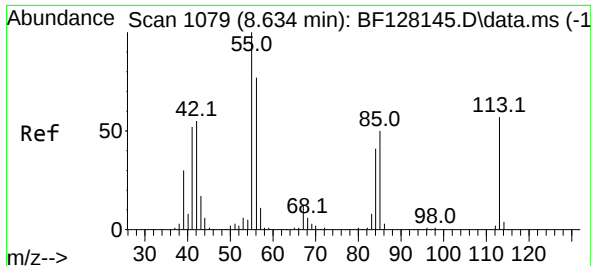
Tgt Ion:	127	Resp:	218817
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	37.4	26.7	40.1
92	21.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 37.051 ng
RT: 8.292 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:	225	Resp:	180711
Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.0	78.0
227	63.0	50.7	76.1

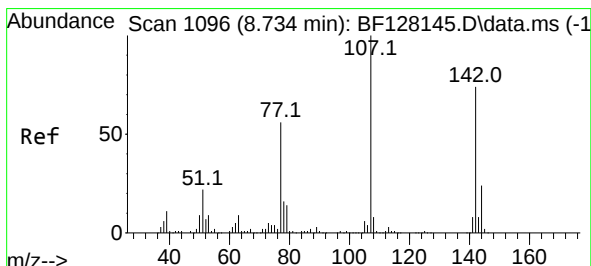
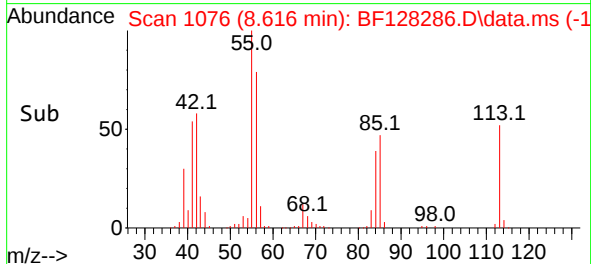
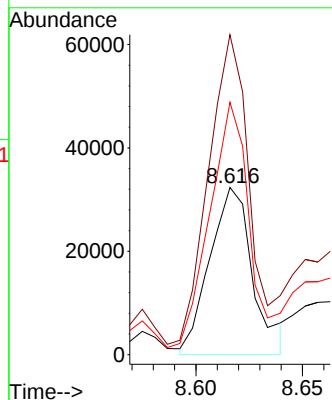
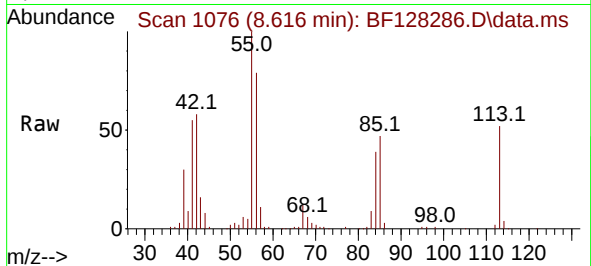




#35
 Caprolactam
 Concen: 21.895 ng
 RT: 8.616 min Scan# 1076
 Delta R.T. -0.012 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

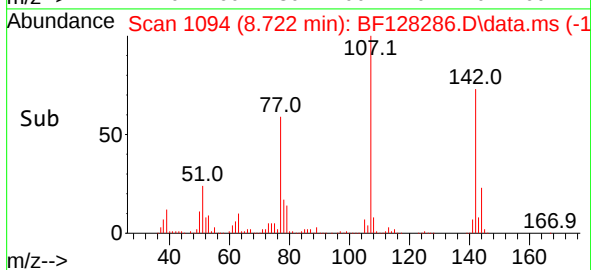
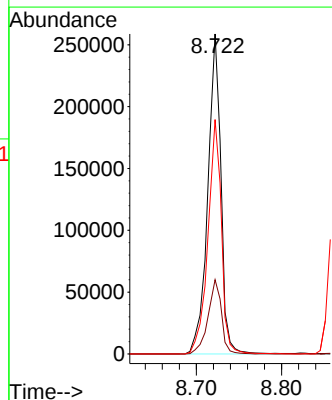
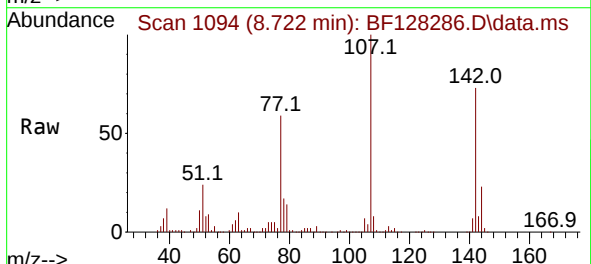
Instrument :
 BNA_F
 ClientSampleId :
 PB144826BSD

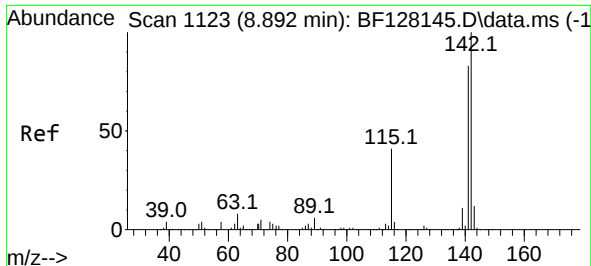
Tgt Ion:113 Resp: 45296
 Ion Ratio Lower Upper
 113 100
 55 191.5 157.4 197.4
 56 151.1 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.197 ng
 RT: 8.722 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF128286.D
 Acq: 17 May 2022 12:41

Tgt Ion:107 Resp: 277566
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.2 30.4
 142 73.2 61.5 92.3

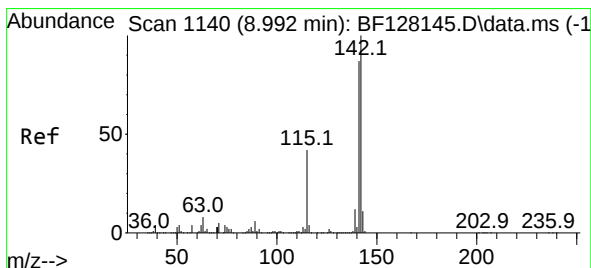
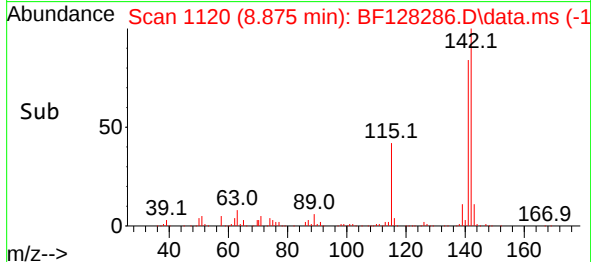
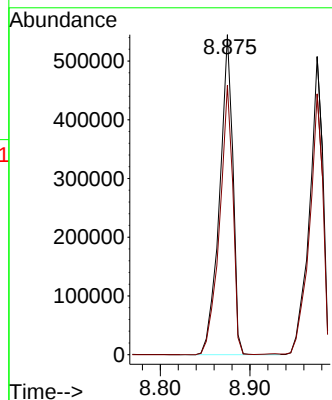
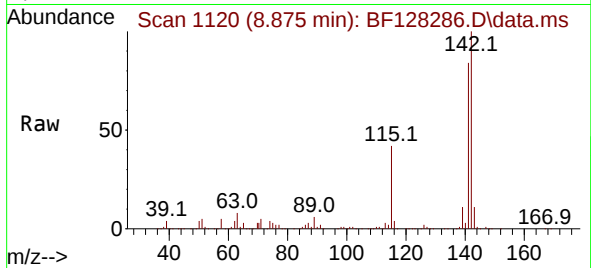




#37
2-Methylnaphthalene
Concen: 38.690 ng
RT: 8.875 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

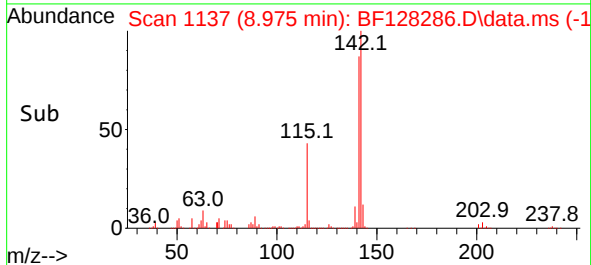
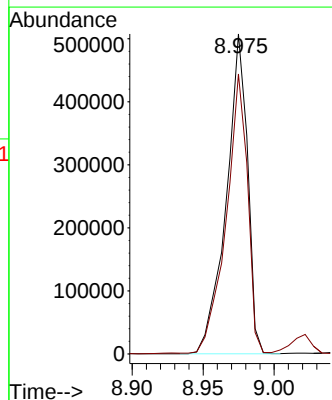
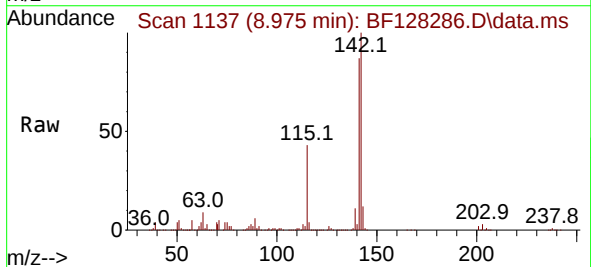
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

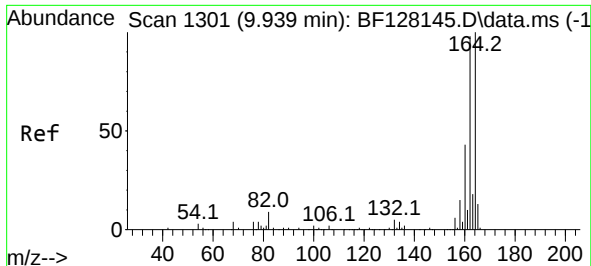
Tgt Ion:142 Resp: 559431
Ion Ratio Lower Upper
142 100
141 84.1 67.4 101.2



#38
1-Methylnaphthalene
Concen: 38.015 ng
RT: 8.975 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:142 Resp: 527915
Ion Ratio Lower Upper
142 100
141 87.5 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

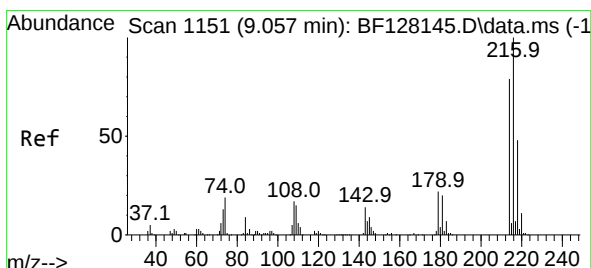
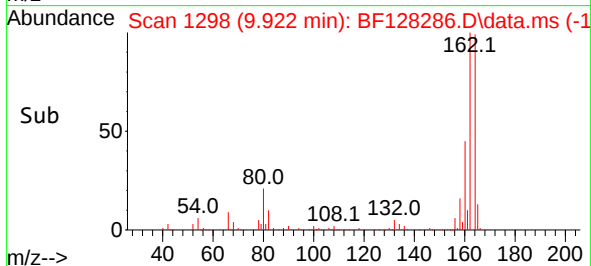
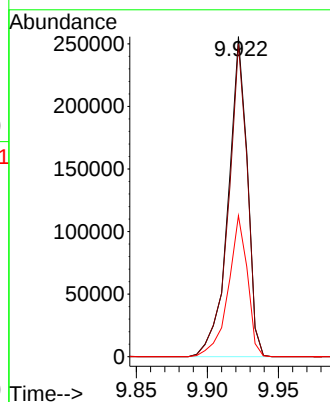
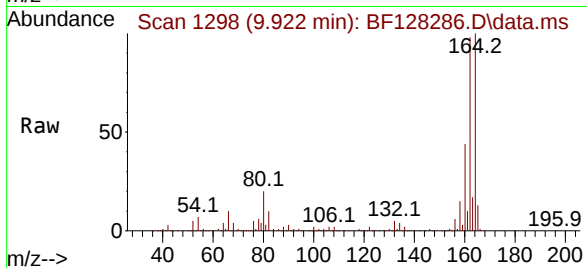
Tgt Ion:164 Resp: 238570

Ion Ratio Lower Upper

164 100

162 97.8 76.0 114.0

160 44.1 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.278 ng

RT: 9.039 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Tgt Ion:216 Resp: 276413

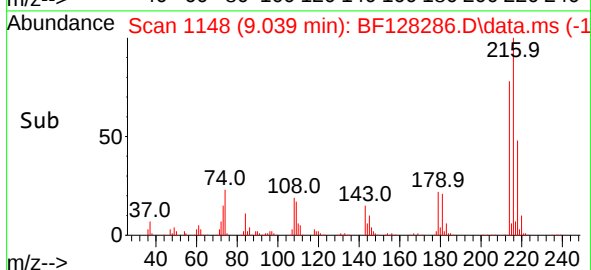
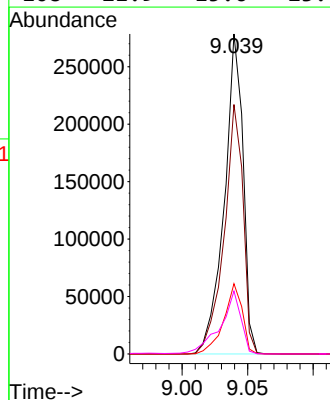
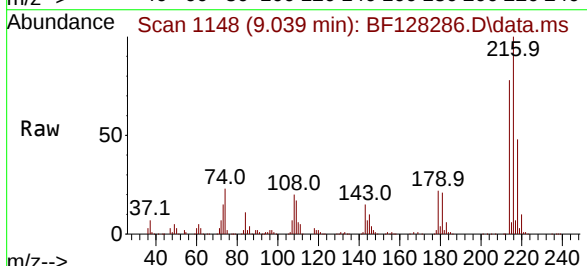
Ion Ratio Lower Upper

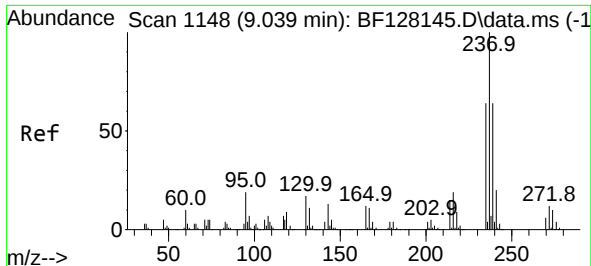
216 100

214 78.4 62.6 94.0

179 21.7 16.9 25.3

108 21.9 15.6 23.4

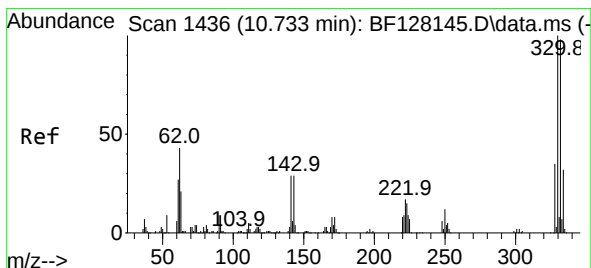
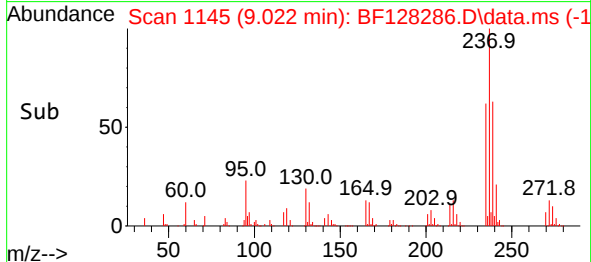
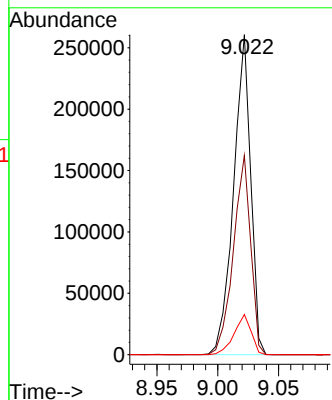
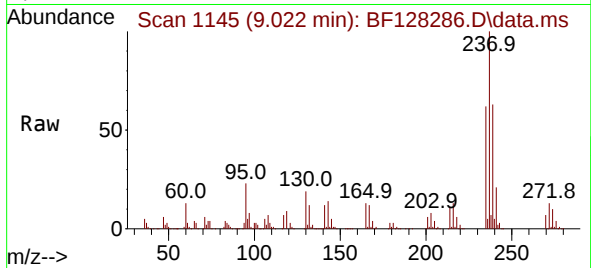




#41
Hexachlorocyclopentadiene
Concen: 79.120 ng
RT: 9.022 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

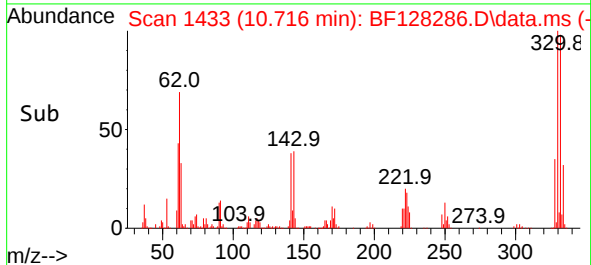
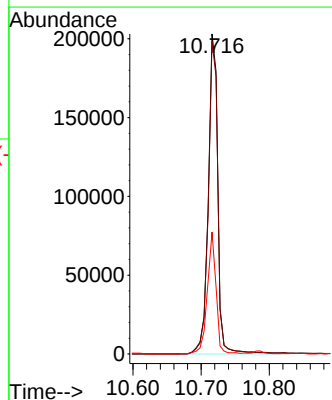
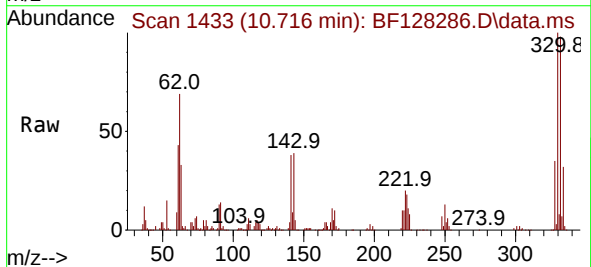
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

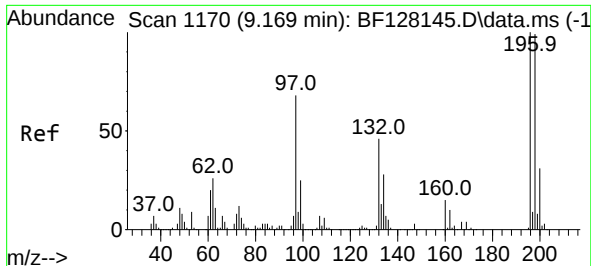
Tgt Ion:237 Resp: 254280
Ion Ratio Lower Upper
237 100
235 62.2 43.6 83.6
272 12.6 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 72.549 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:330 Resp: 198501
Ion Ratio Lower Upper
330 100
332 98.1 79.0 118.4
141 35.0 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 39.125 ng

RT: 9.157 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

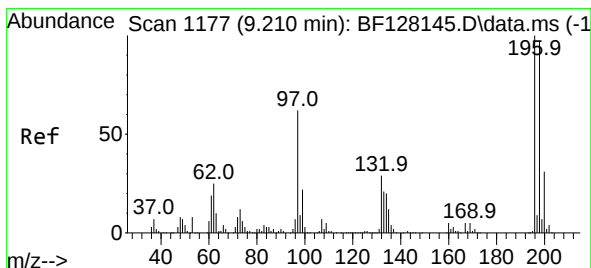
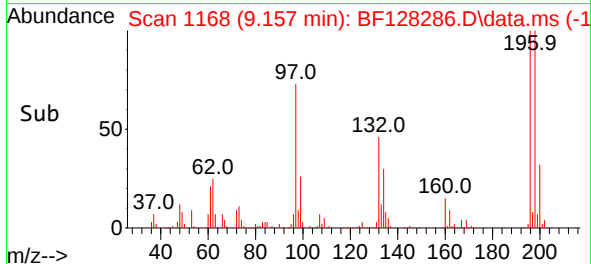
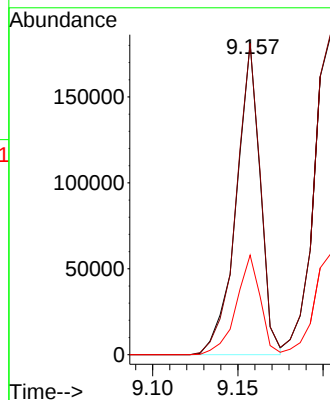
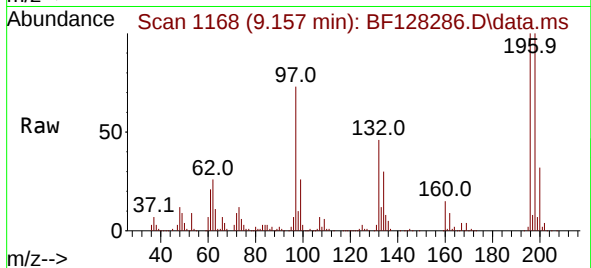
Tgt Ion:196 Resp: 177389

Ion Ratio Lower Upper

196 100

198 99.8 80.4 120.6

200 31.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 38.911 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Tgt Ion:196 Resp: 188107

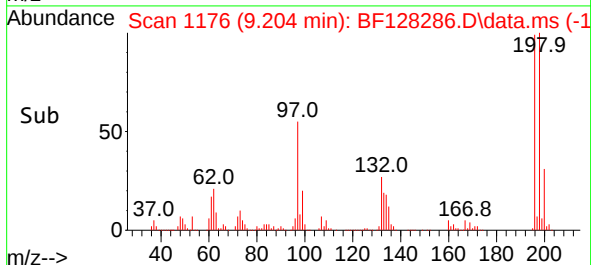
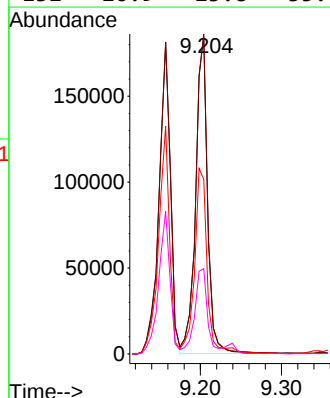
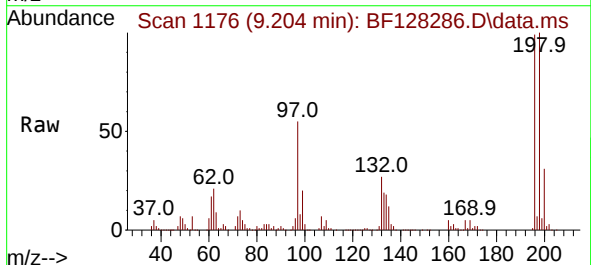
Ion Ratio Lower Upper

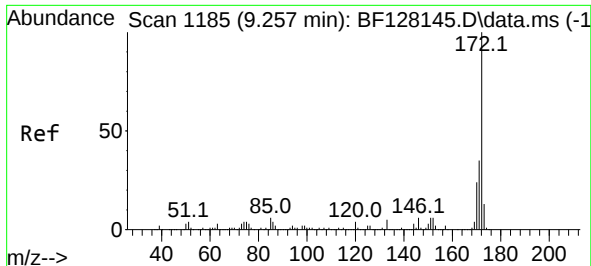
196 100

198 100.7 80.2 120.2

97 55.0 50.3 75.5

132 26.9 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 75.823 ng

RT: 9.239 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

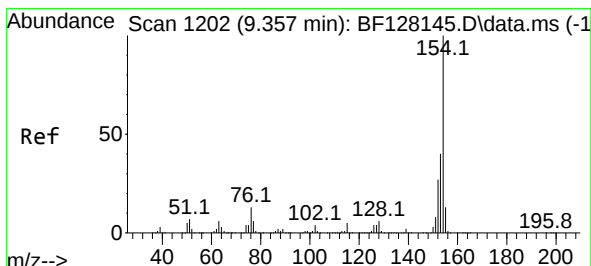
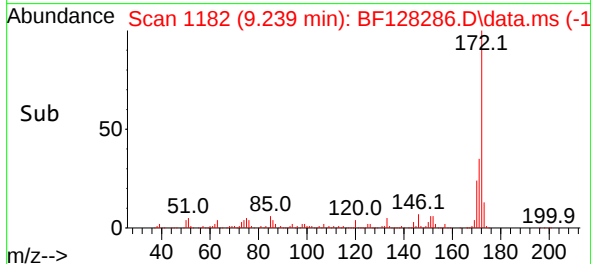
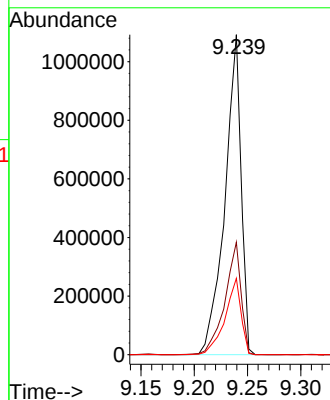
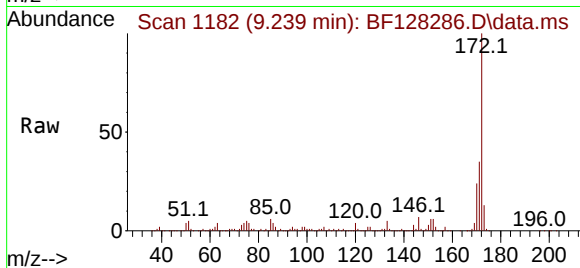
Tgt Ion:172 Resp: 1156073

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: 39.594 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

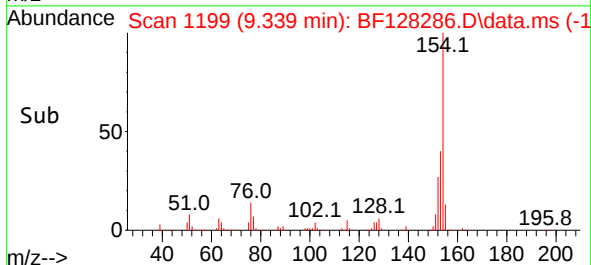
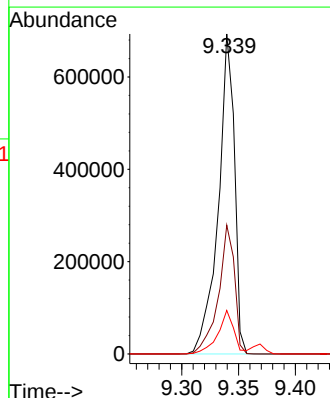
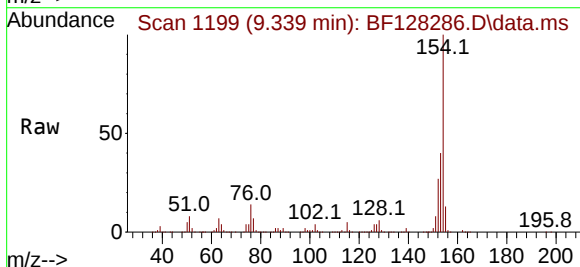
Tgt Ion:154 Resp: 687672

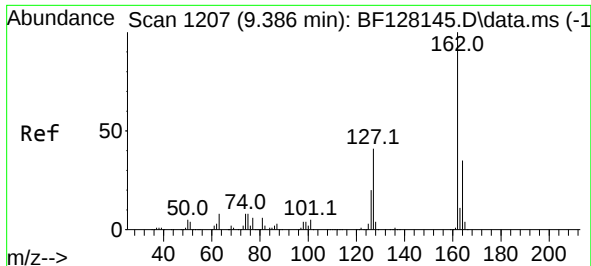
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 13.6 0.0 33.2

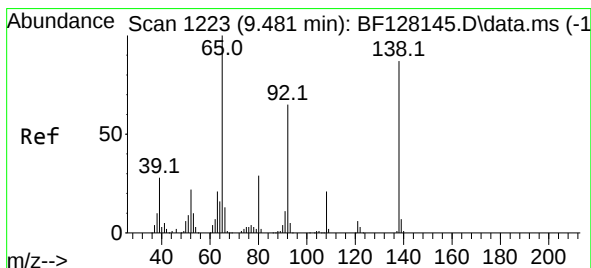
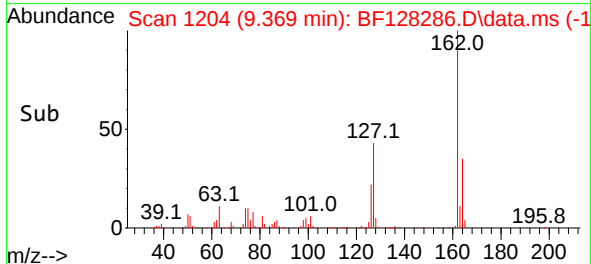
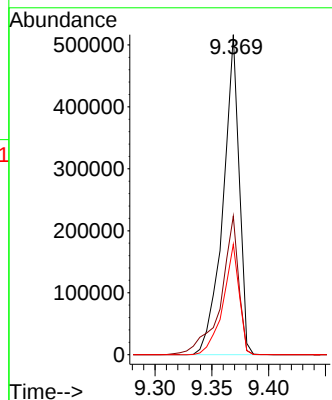
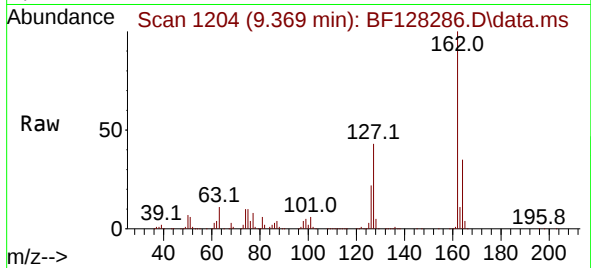




#47
2-Chloronaphthalene
Concen: 39.638 ng
RT: 9.369 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

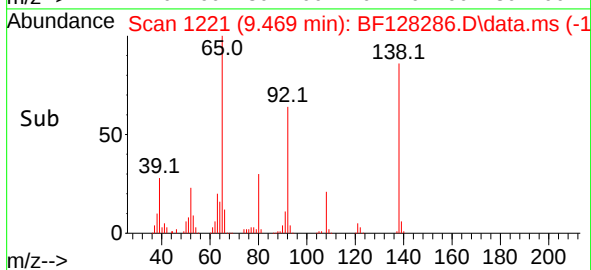
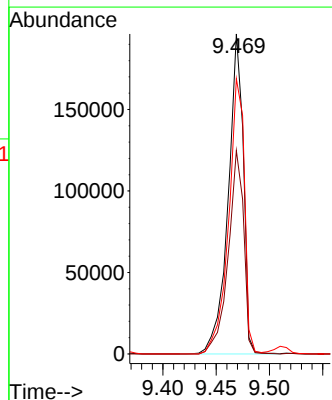
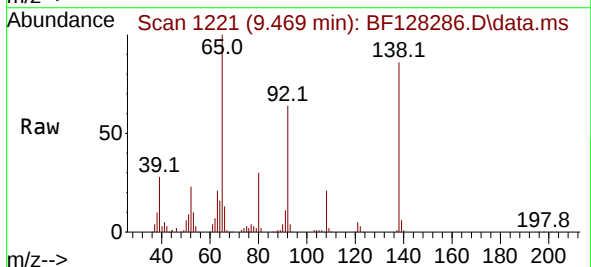
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

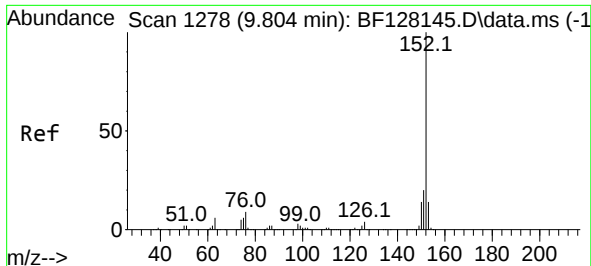
Tgt Ion:162 Resp: 510246
Ion Ratio Lower Upper
162 100
127 43.3 32.9 49.3
164 34.5 28.2 42.2



#48
2-Nitroaniline
Concen: 42.213 ng
RT: 9.469 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion: 65 Resp: 194819
Ion Ratio Lower Upper
65 100
92 63.6 53.7 80.5
138 86.0 76.4 114.6

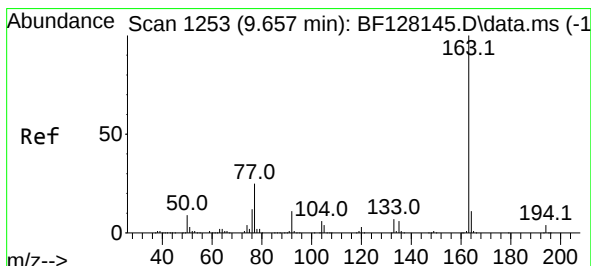
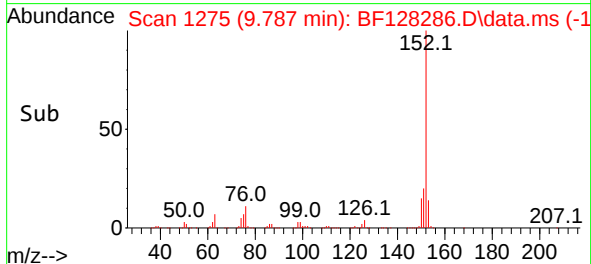
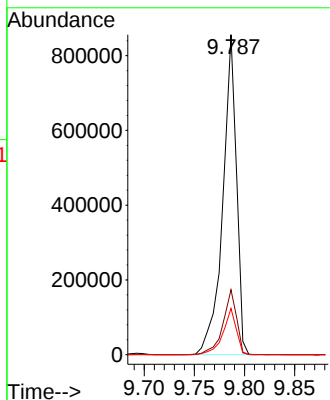
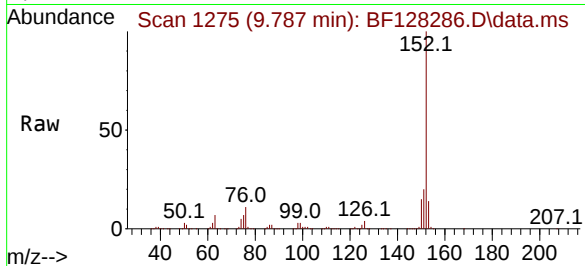




#49
Acenaphthylene
Concen: 41.692 ng
RT: 9.787 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

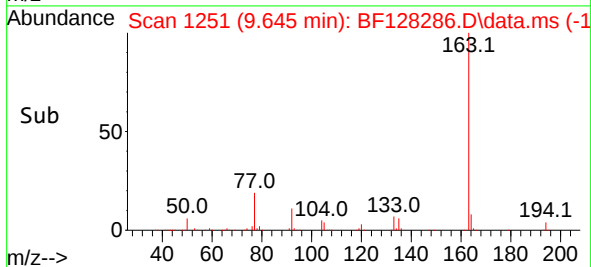
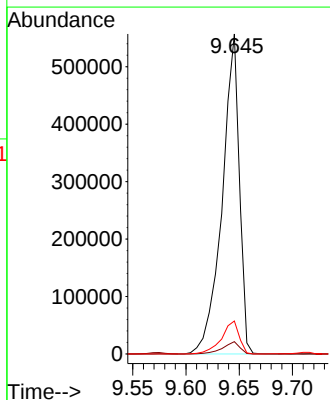
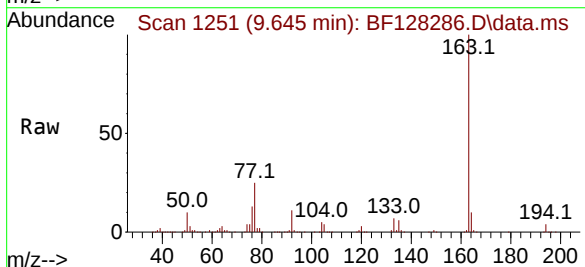
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

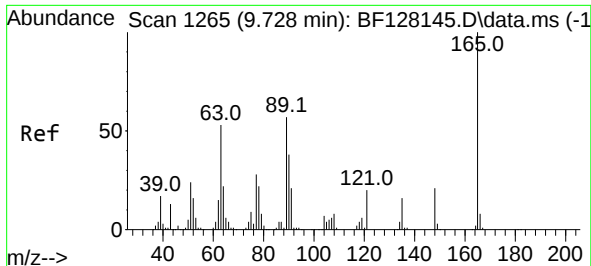
Tgt Ion:152 Resp: 811757
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.4 11.2 16.8



#50
Dimethylphthalate
Concen: 40.444 ng
RT: 9.645 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:163 Resp: 622648
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 42.254 ng

RT: 9.710 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

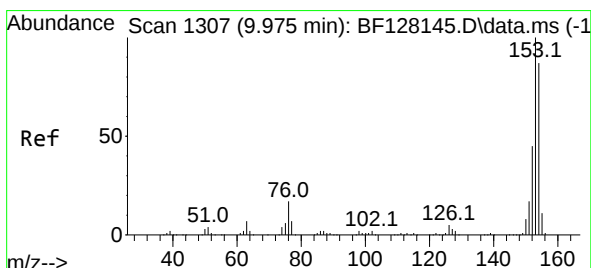
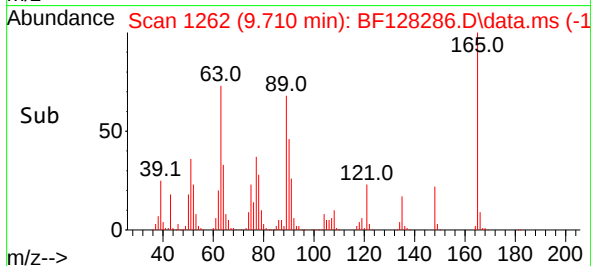
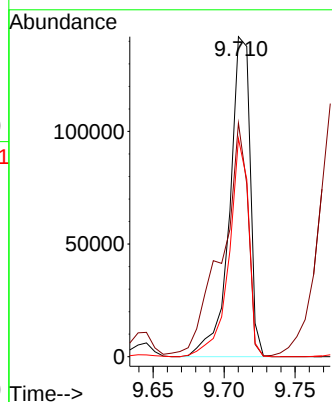
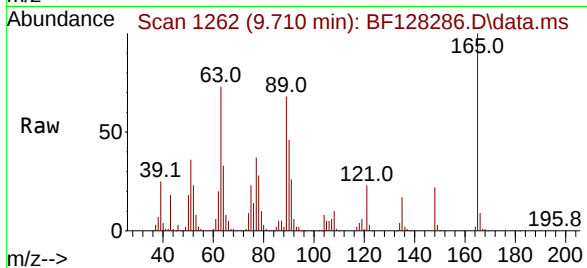
Tgt Ion:165 Resp: 142700

Ion Ratio Lower Upper

165 100

63 73.0 49.5 74.3

89 68.1 49.0 73.4



#52

Acenaphthene

Concen: 36.113 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

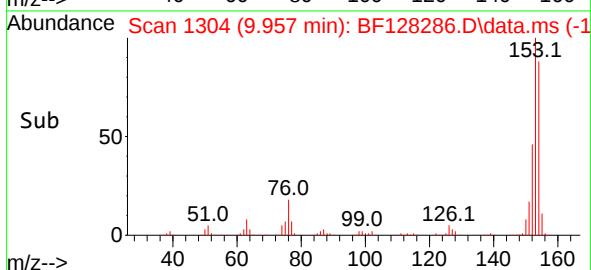
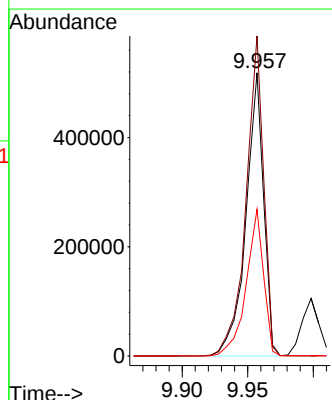
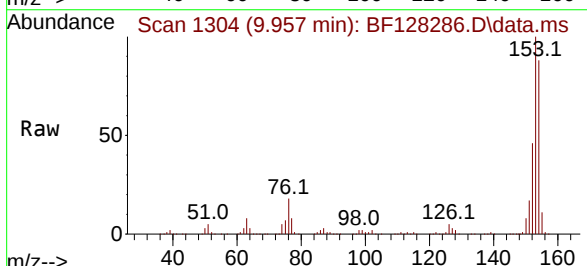
Tgt Ion:154 Resp: 487519

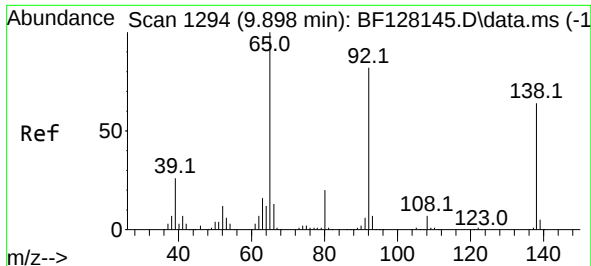
Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

152 51.8 41.0 61.6

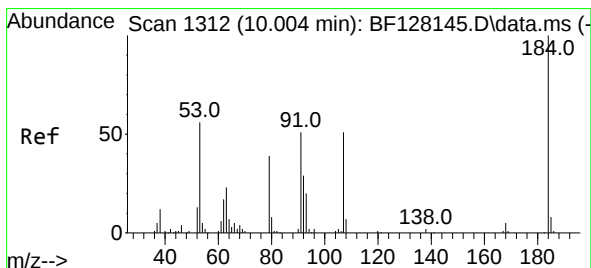
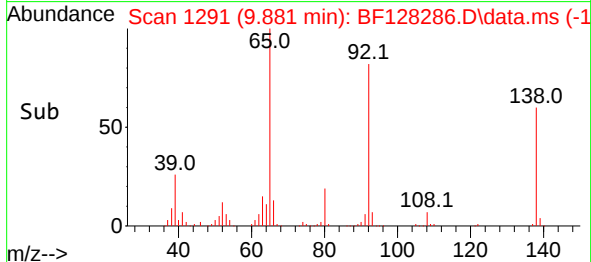
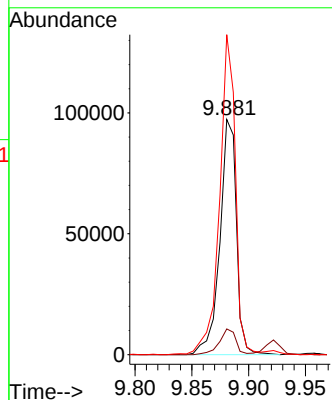
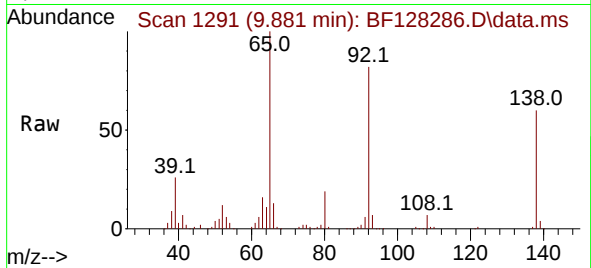




#53
3-Nitroaniline
Concen: 27.061 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

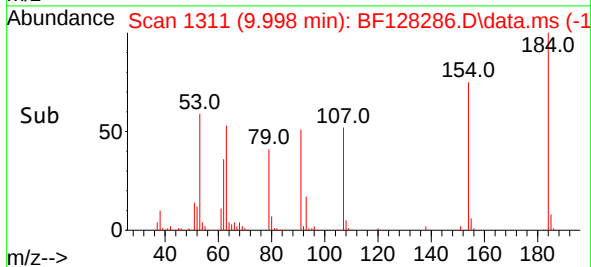
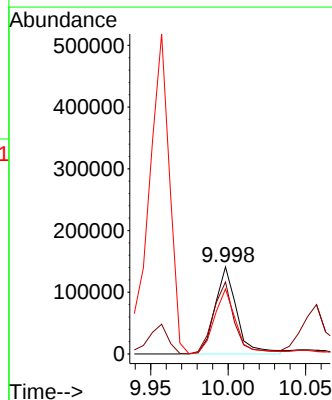
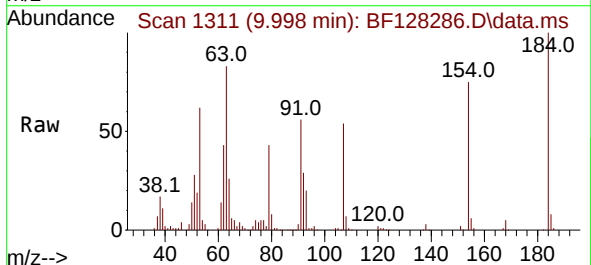
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

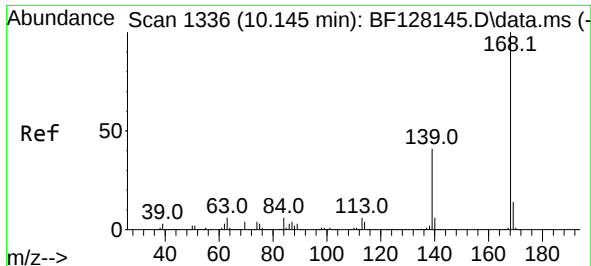
Tgt Ion:138 Resp: 99075
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 136.0 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 73.863 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:184 Resp: 137999
Ion Ratio Lower Upper
184 100
63 82.8 50.0 75.0#
154 74.8 51.7 77.5

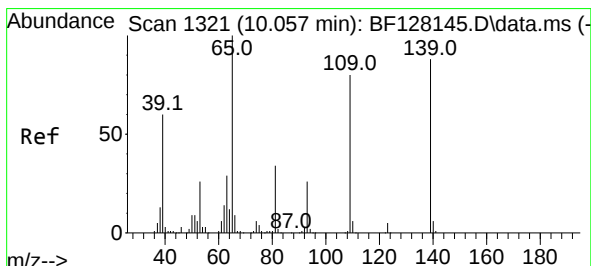
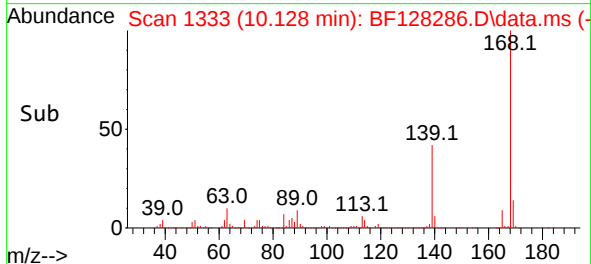
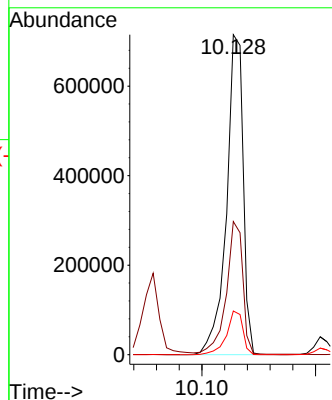
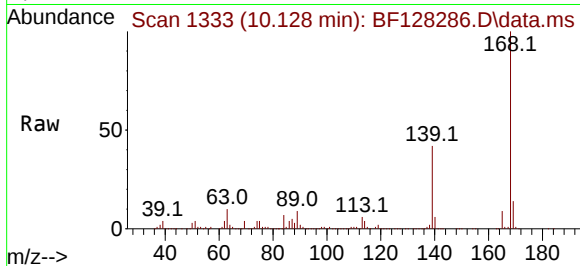




#55
Dibenzenofuran
Concen: 38.122 ng
RT: 10.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

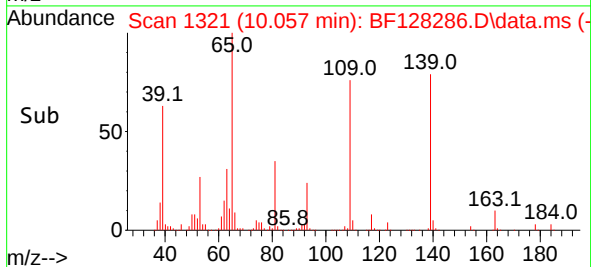
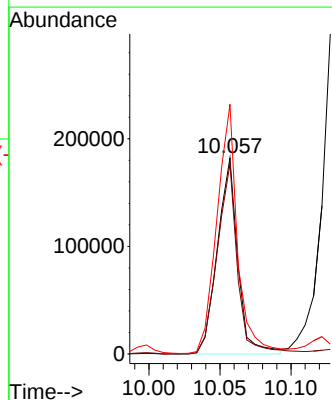
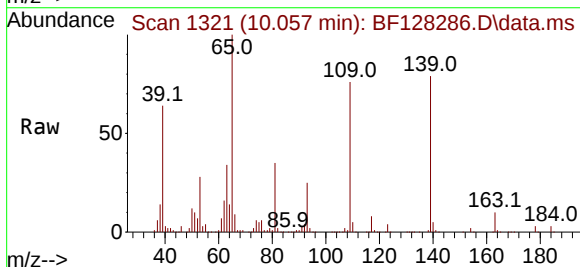
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

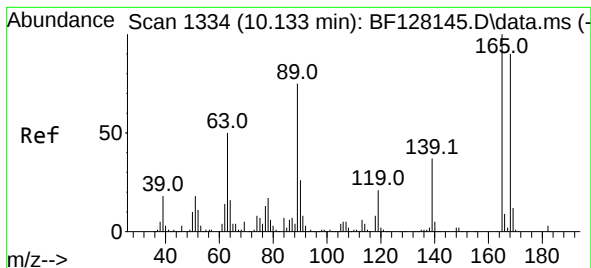
Tgt Ion:168 Resp: 730700
Ion Ratio Lower Upper
168 100
139 41.6 31.7 47.5
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 71.374 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:139 Resp: 182596
Ion Ratio Lower Upper
139 100
109 97.0 61.9 101.9
65 127.4 93.5 133.5

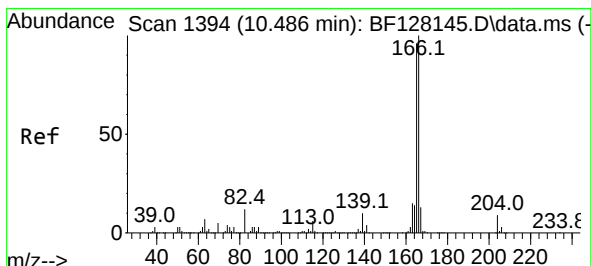
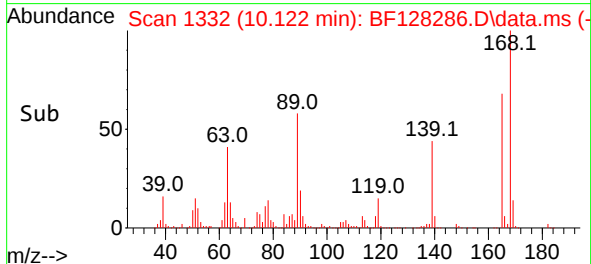
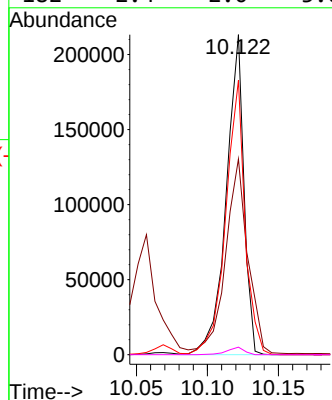
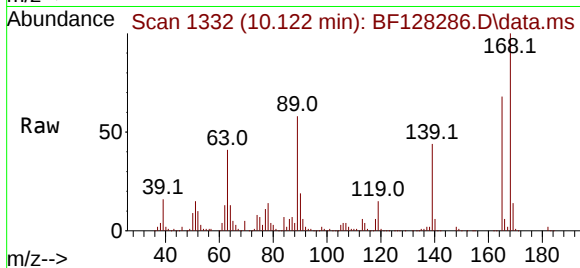




#57
2,4-Dinitrotoluene
Concen: 40.898 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

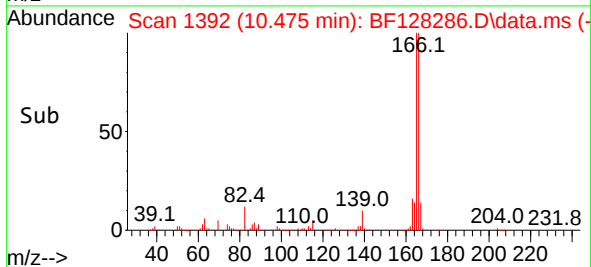
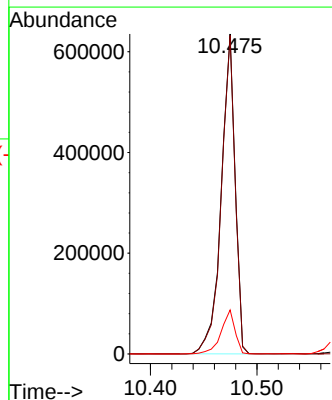
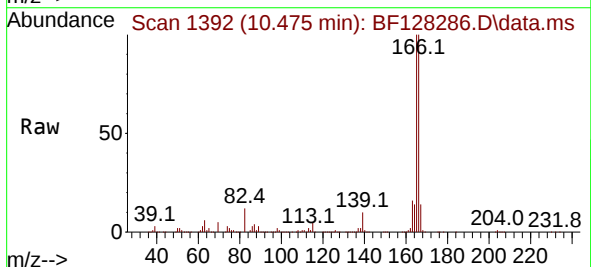
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

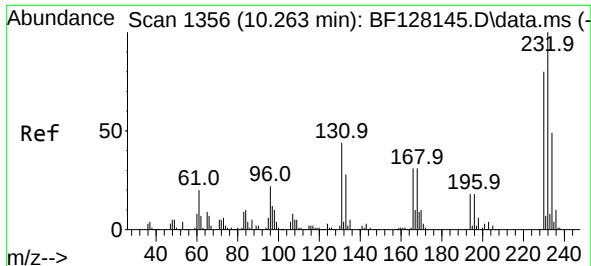
Tgt Ion:165 Resp: 184688
Ion Ratio Lower Upper
165 100
63 61.1 32.6 49.0#
89 85.7 55.2 82.8#
182 2.4 2.0 3.0



#58
Fluorene
Concen: 38.422 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:166 Resp: 573633
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 13.7 10.5 15.7

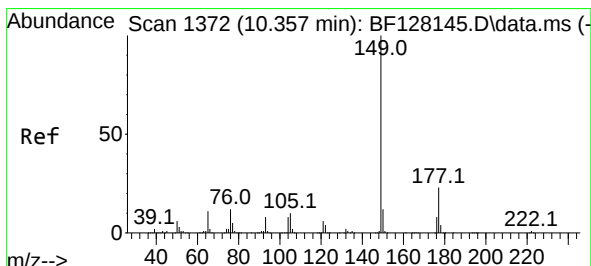
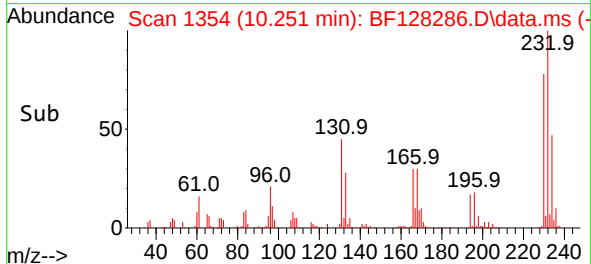
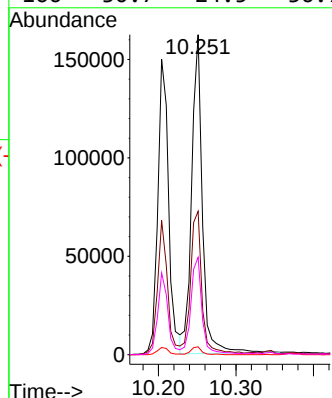
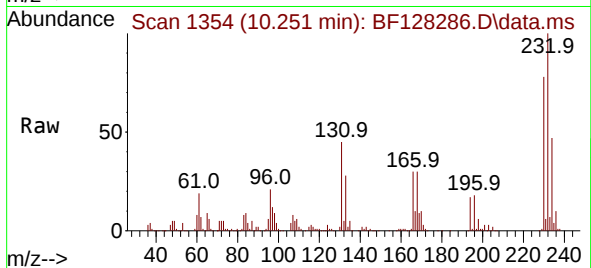




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.651 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

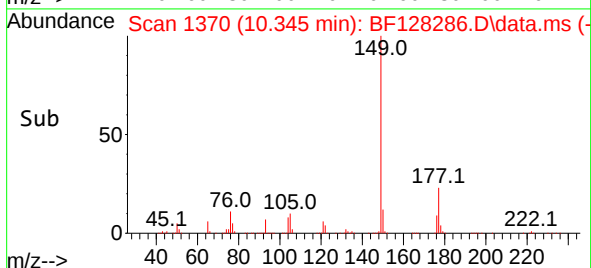
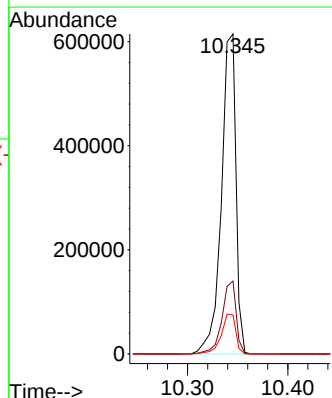
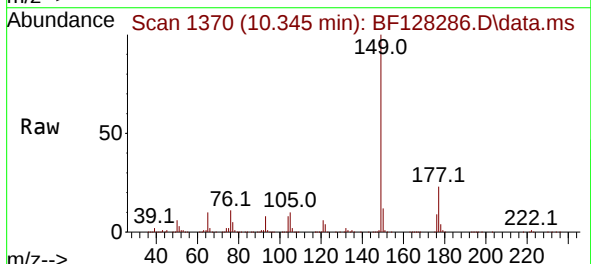
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

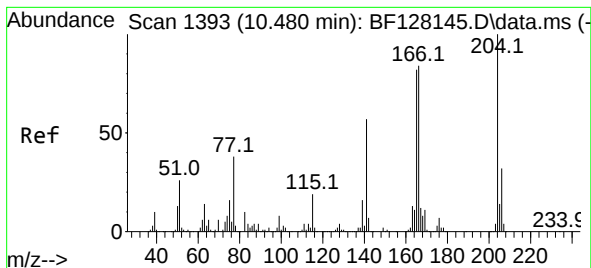
Tgt Ion:232 Resp: 155547
Ion Ratio Lower Upper
232 100
131 46.5 35.4 53.2
130 2.5 1.9 2.9
166 30.7 24.5 36.7



#60
Diethylphthalate
Concen: 40.255 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:149 Resp: 618321
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.2 10.2 15.2

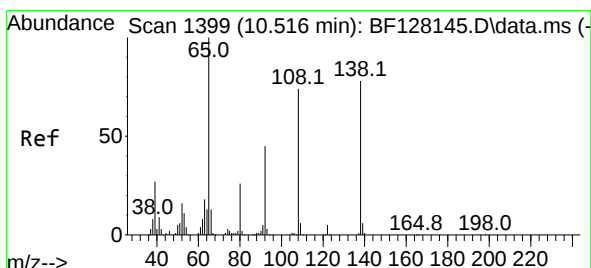
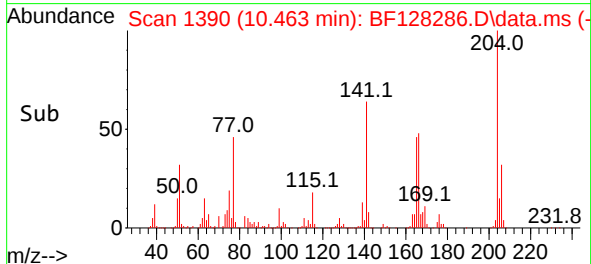
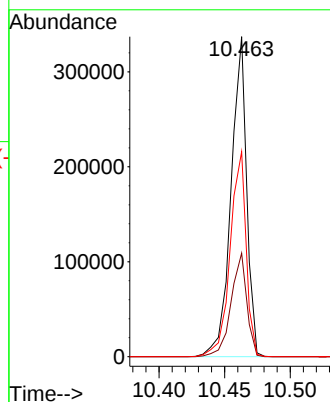
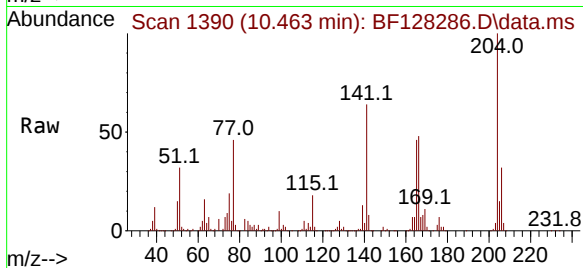




#61
4-Chlorophenyl-phenylether
Concen: 37.475 ng
RT: 10.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

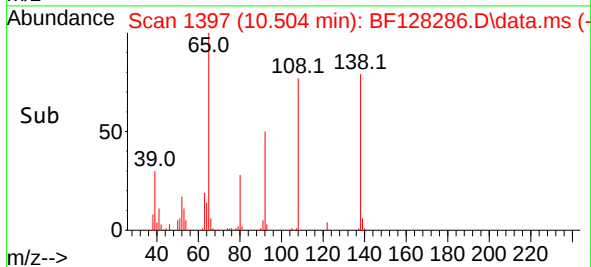
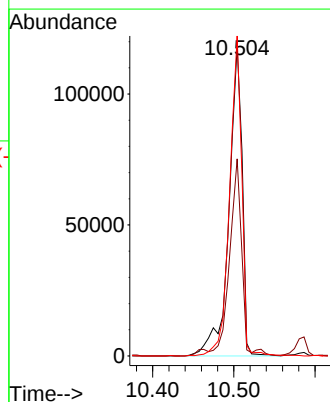
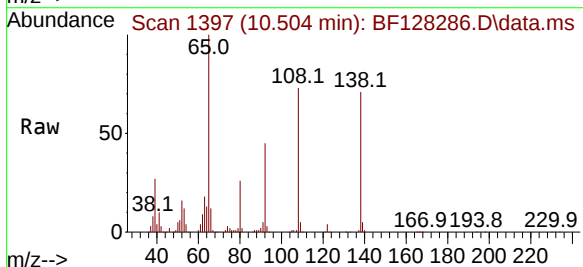
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

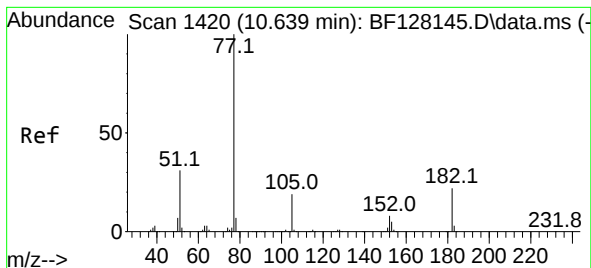
Tgt Ion:204 Resp: 279022
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 64.0 48.7 73.1



#62
4-Nitroaniline
Concen: 36.302 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:138 Resp: 134737
Ion Ratio Lower Upper
138 100
92 63.6 37.4 77.4
108 103.3 68.4 108.4



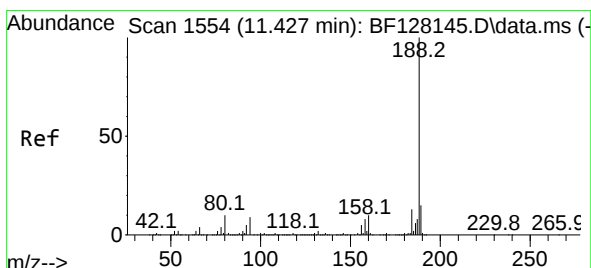
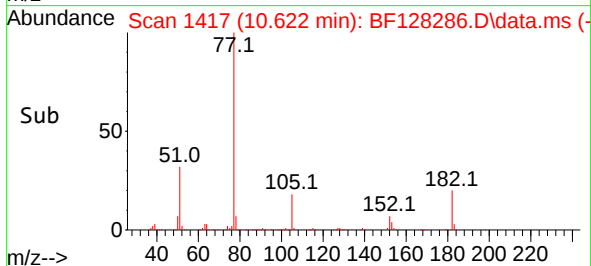
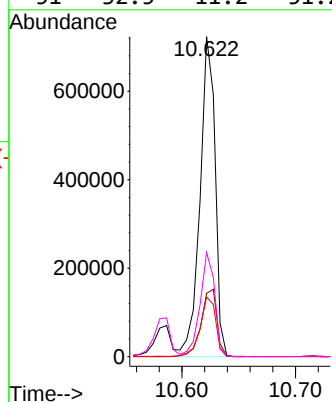
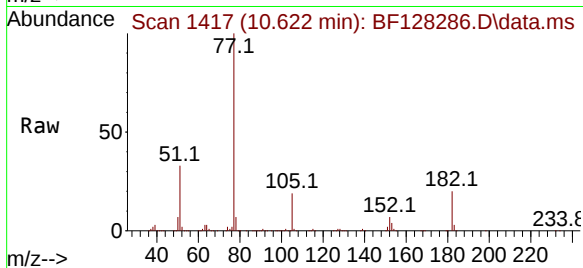


#63
Azobenzene
Concen: 39.665 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Instrument :
BNA_F
ClientSampleId :
PB144826BSD

Tgt Ion: 77 Resp: 667161

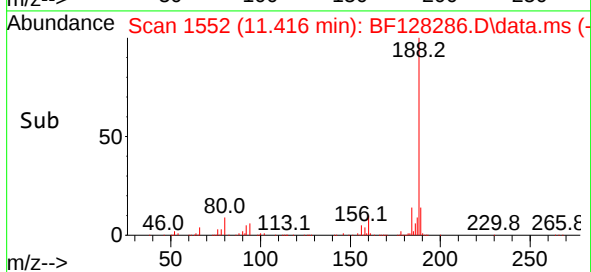
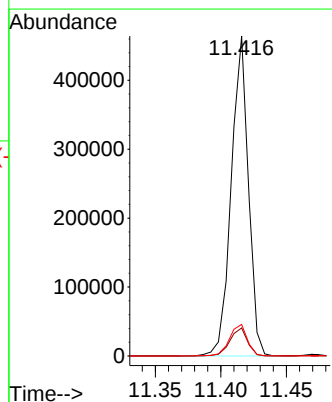
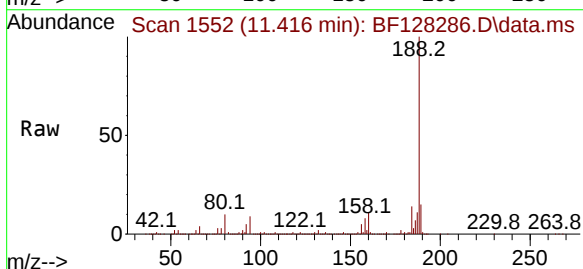
Ion	Ratio	Lower	Upper
77	100		
182	19.8	1.2	41.2
105	18.7	0.0	39.8
51	32.5	11.2	51.2

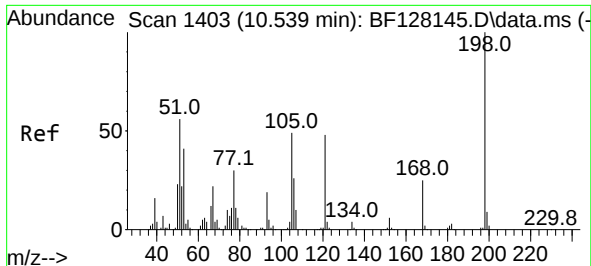


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion: 188 Resp: 421867

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.8	8.9	13.3

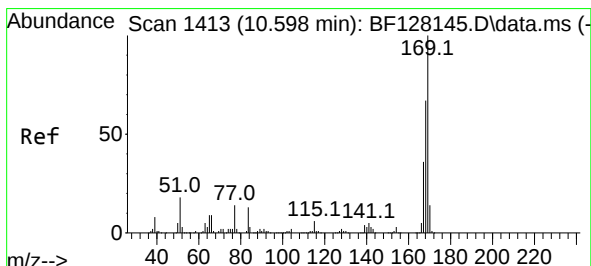
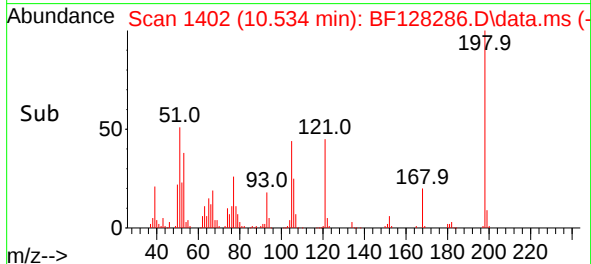
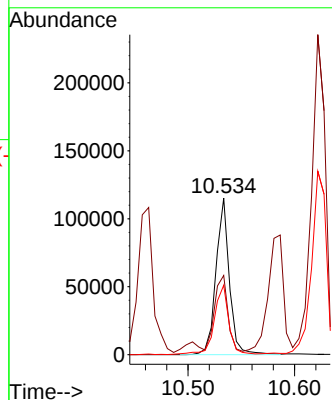
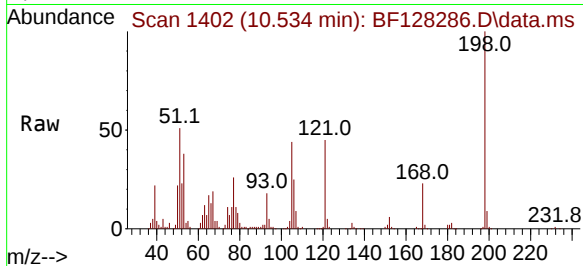




#65
4,6-Dinitro-2-methylphenol
Concen: 38.017 ng
RT: 10.534 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

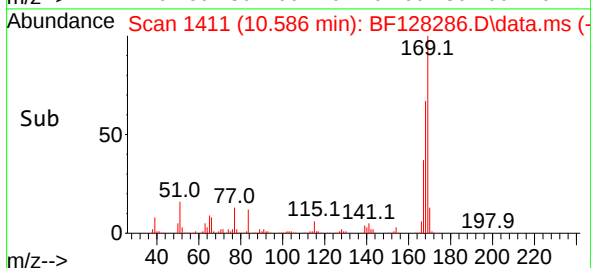
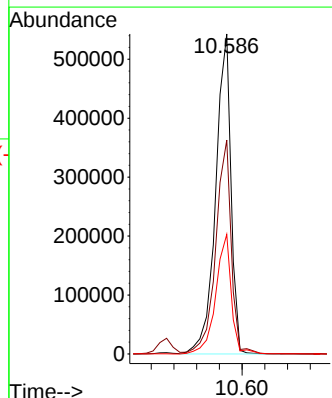
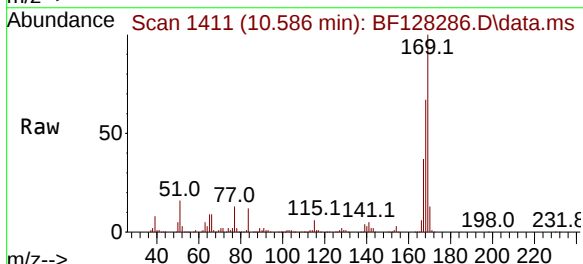
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

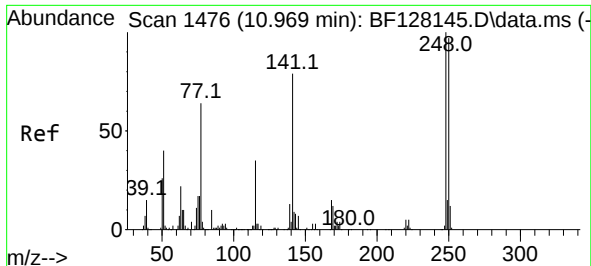
Tgt Ion:198 Resp: 100376
Ion Ratio Lower Upper
198 100
51 50.6 28.4 68.4
105 44.3 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 41.314 ng
RT: 10.586 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:169 Resp: 507951
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 37.3 29.5 44.3

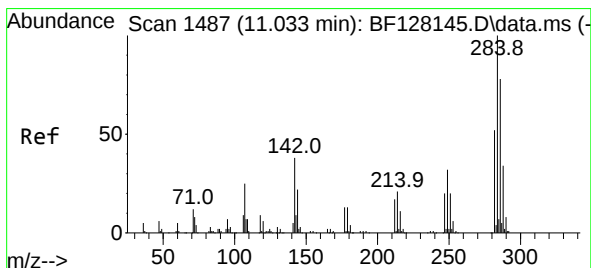
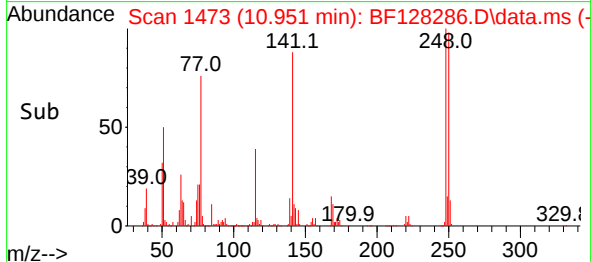
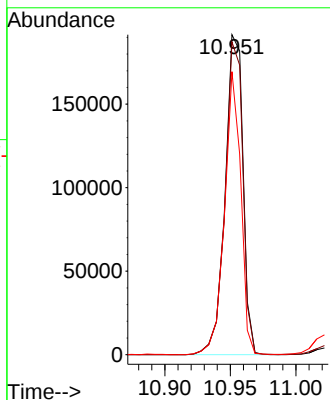
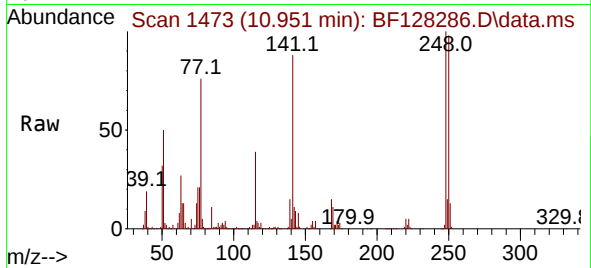




#67
4-Bromophenyl-phenylether
Concen: 40.219 ng
RT: 10.951 min Scan# 1476
Delta R.T. -0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

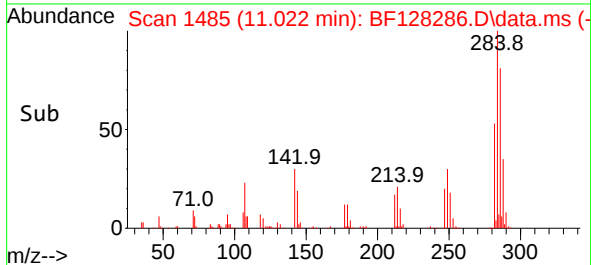
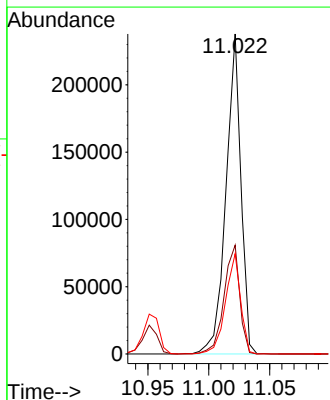
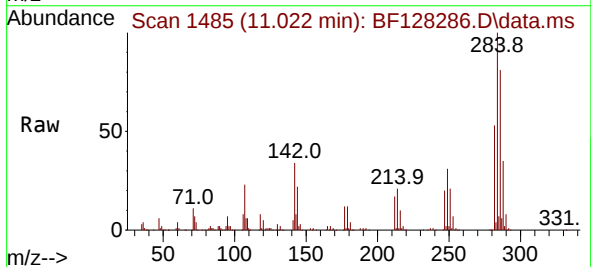
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

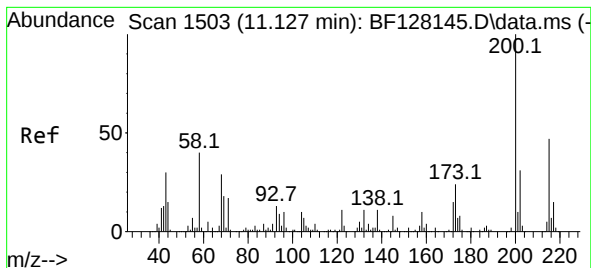
Tgt Ion:248 Resp: 182543
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 88.4 65.6 98.4



#68
Hexachlorobenzene
Concen: 40.987 ng
RT: 11.022 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:284 Resp: 203493
Ion Ratio Lower Upper
284 100
142 34.0 30.2 45.4
249 31.4 26.1 39.1





#69

Atrazine

Concen: 42.598 ng

RT: 11.116 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

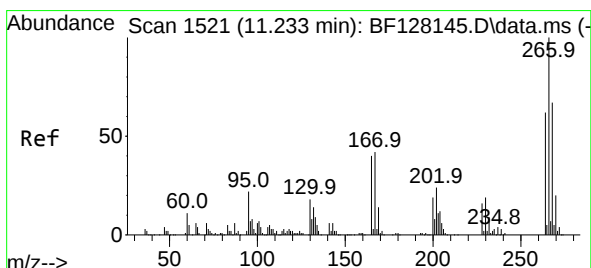
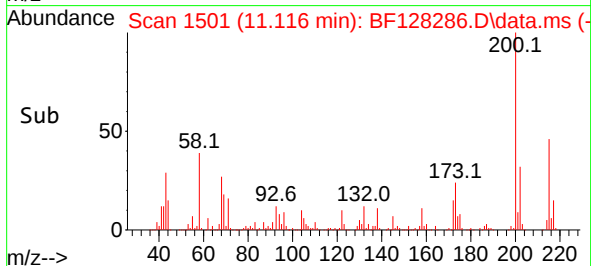
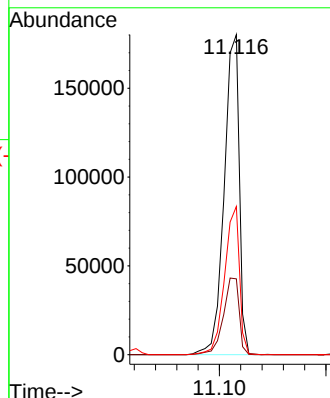
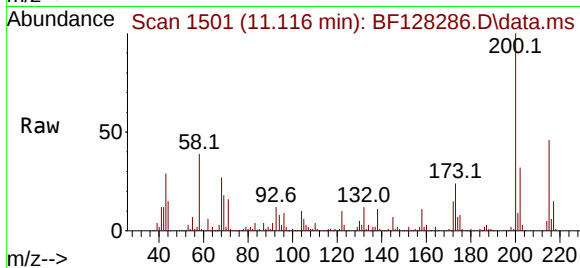
Tgt Ion:200 Resp: 176671

Ion Ratio Lower Upper

200 100

173 23.7 6.0 46.0

215 46.3 28.1 68.1



#70

Pentachlorophenol

Concen: 76.912 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

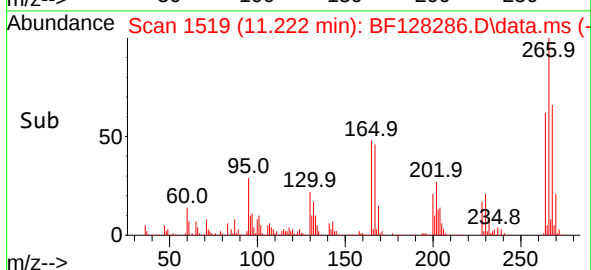
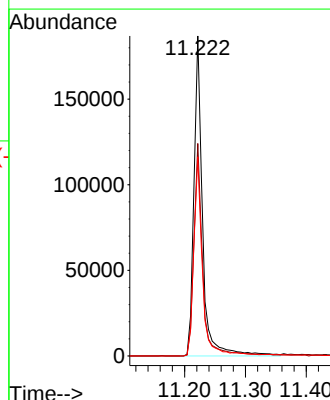
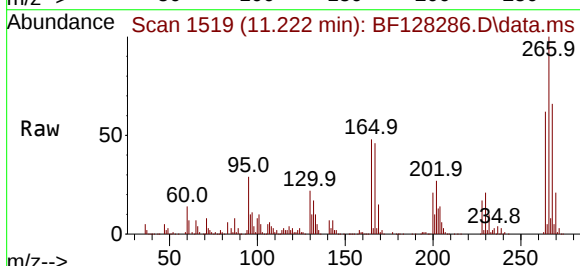
Tgt Ion:266 Resp: 185324

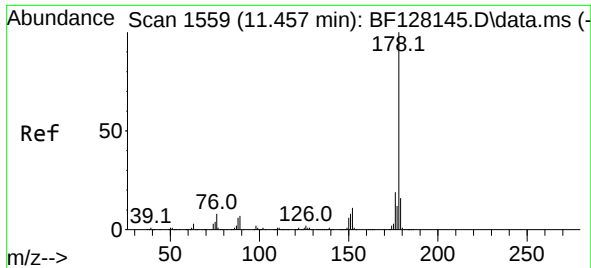
Ion Ratio Lower Upper

266 100

268 66.4 53.0 79.6

264 62.2 53.1 79.7

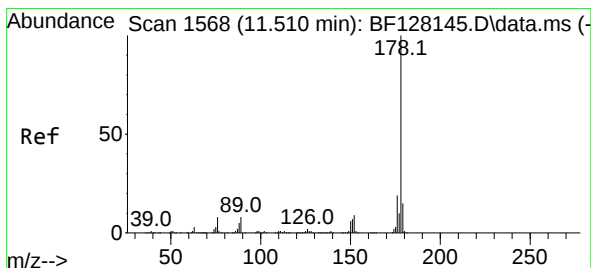
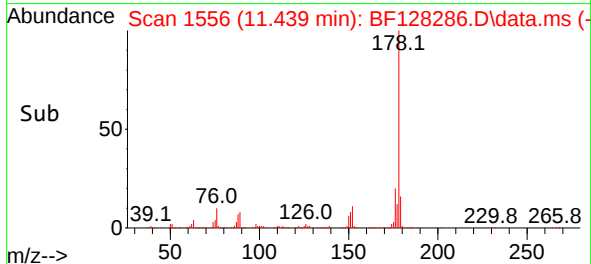
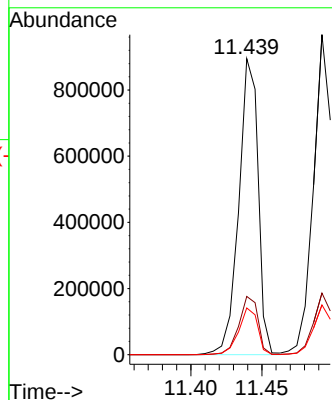
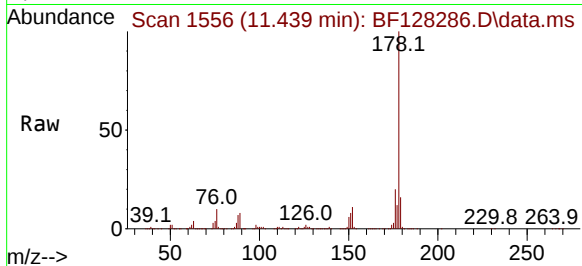




#71
Phenanthrene
Concen: 40.475 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

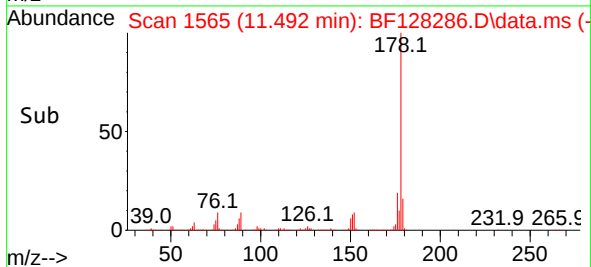
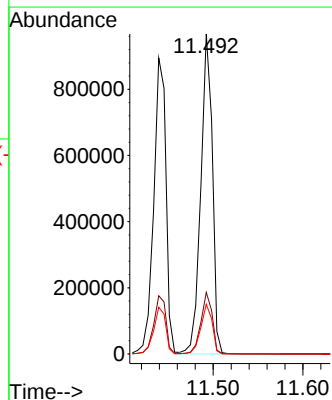
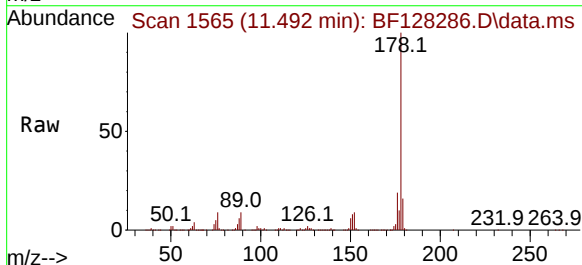
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

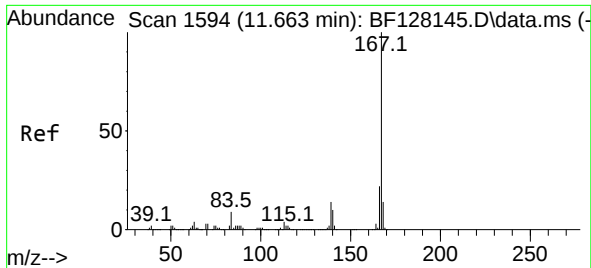
Tgt Ion:178 Resp: 850238
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 41.309 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:178 Resp: 866376
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.6 12.4 18.6

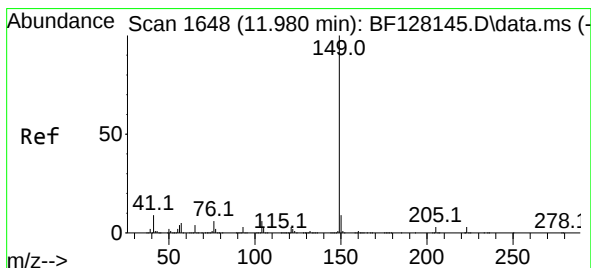
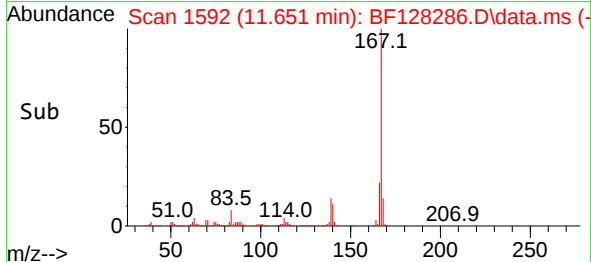
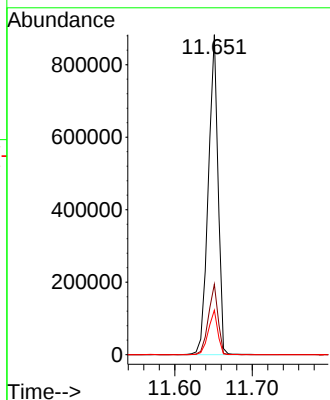
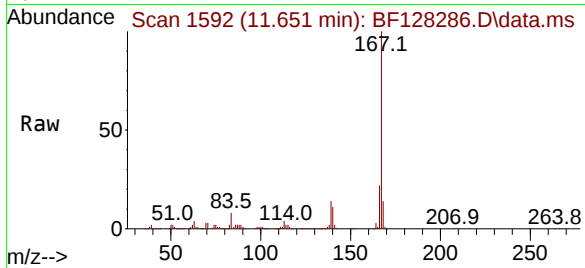




#73
Carbazole
Concen: 38.521 ng
RT: 11.651 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

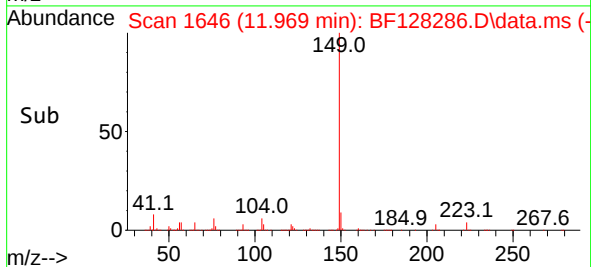
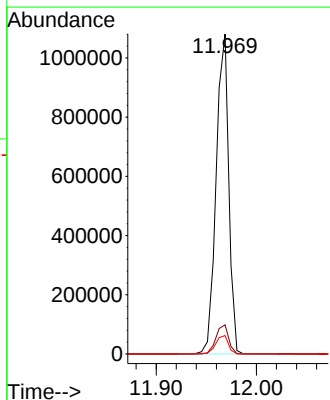
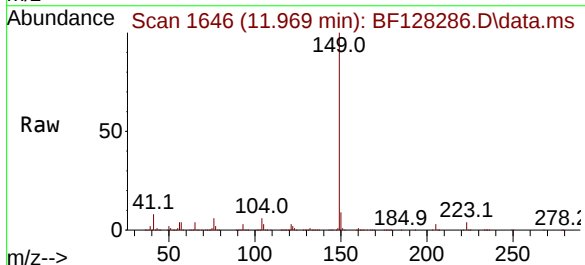
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

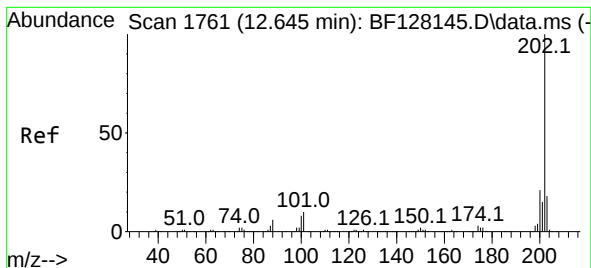
Tgt Ion:167 Resp: 768253
Ion Ratio Lower Upper
167 100
166 22.0 17.6 26.4
139 13.9 10.7 16.1



#74
Di-n-butylphthalate
Concen: 40.935 ng
RT: 11.969 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:149 Resp: 939850
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.8 4.3 6.5





#75

Fluoranthene

Concen: 40.060 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

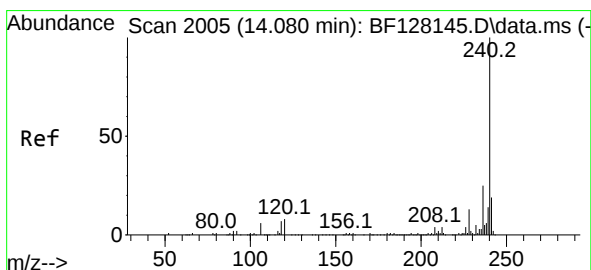
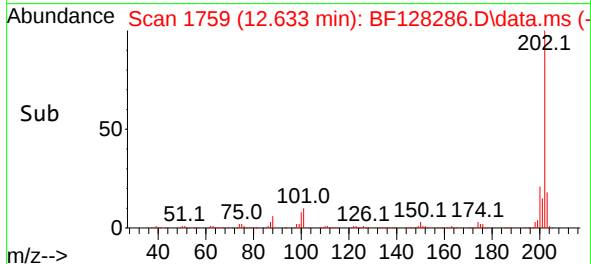
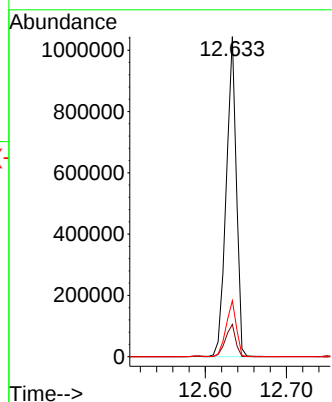
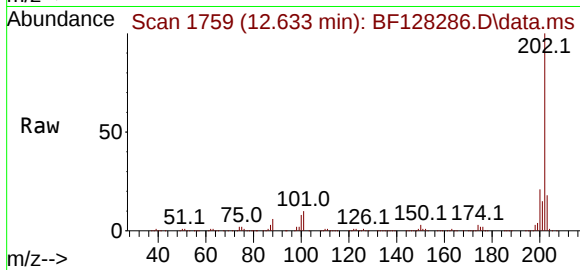
Tgt Ion:202 Resp: 912332

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.6

203 17.5 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

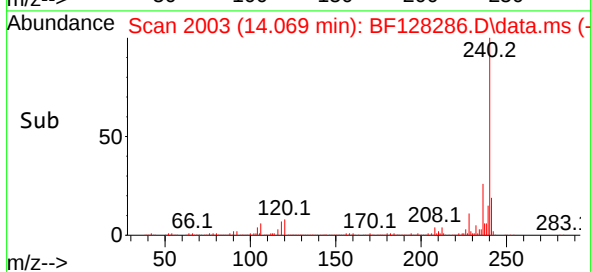
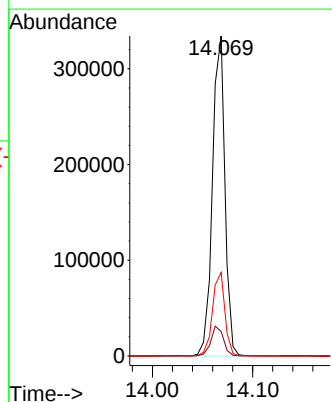
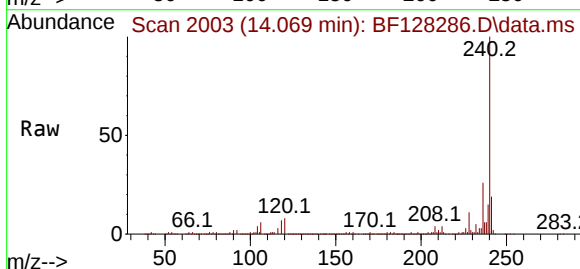
Tgt Ion:240 Resp: 290267

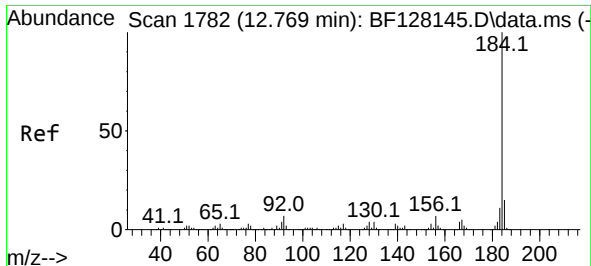
Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

236 26.1 20.3 30.5

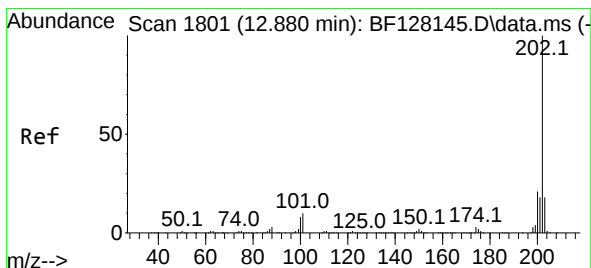
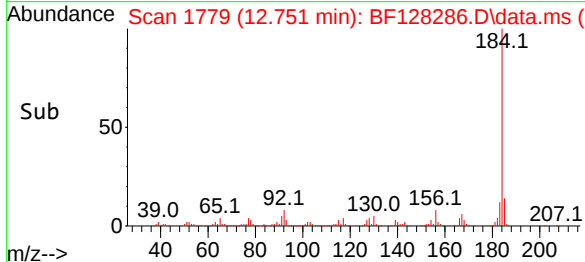
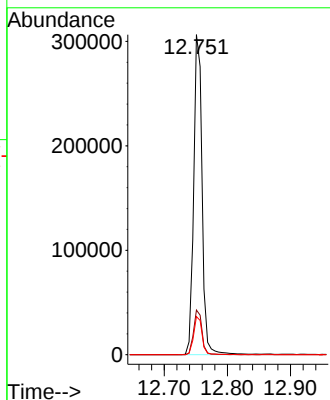
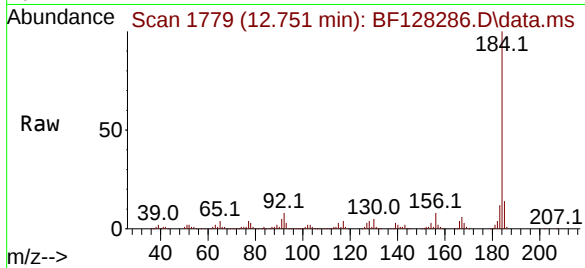




#77
Benzidine
Concen: 45.140 ng
RT: 12.751 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

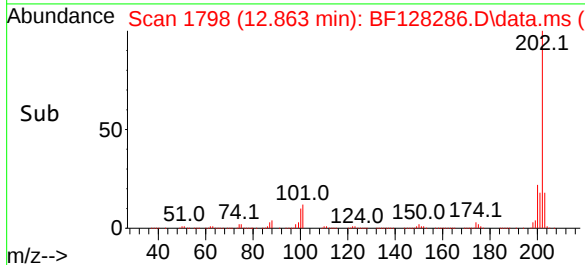
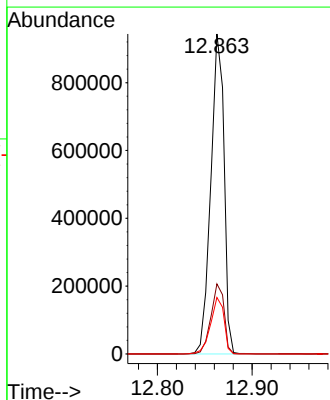
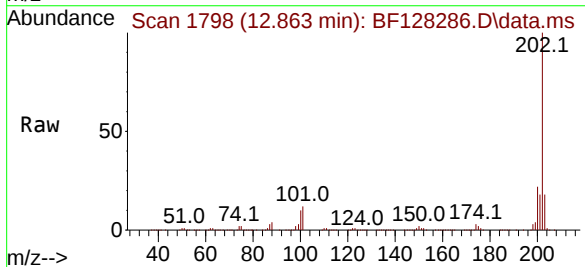
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

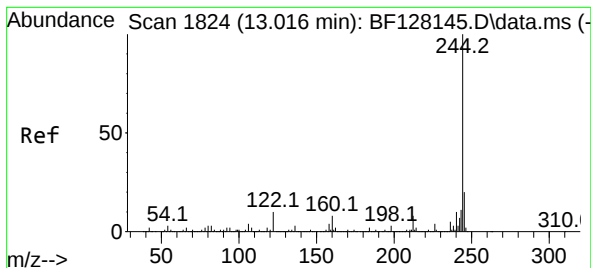
Tgt Ion:184 Resp: 283784
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 11.9 9.0 13.4



#78
Pyrene
Concen: 43.468 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:202 Resp: 914870
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 84.519 ng

RT: 13.004 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

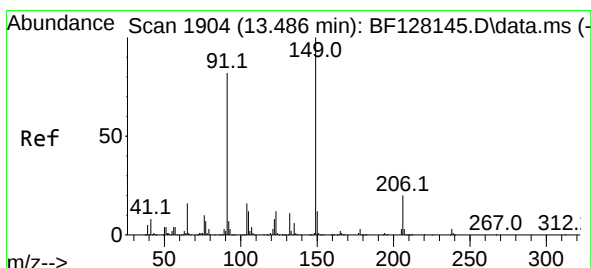
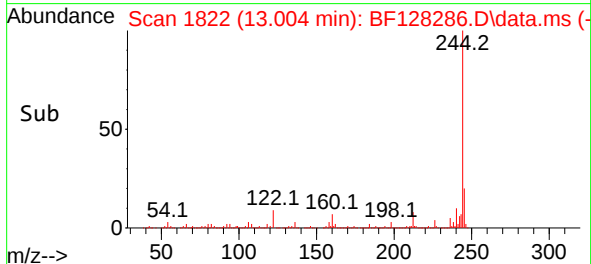
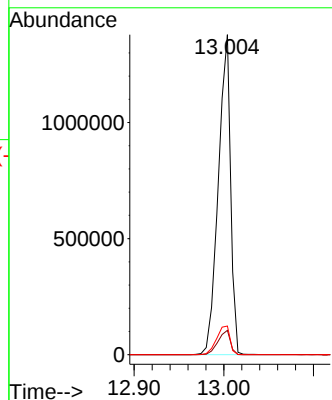
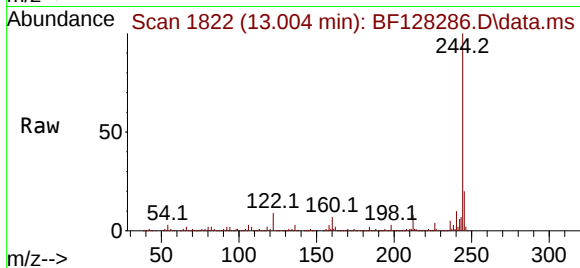
Tgt Ion:244 Resp: 1307444

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 9.0 8.6 12.8



#80

Butylbenzylphthalate

Concen: 43.091 ng

RT: 13.475 min Scan# 1902

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

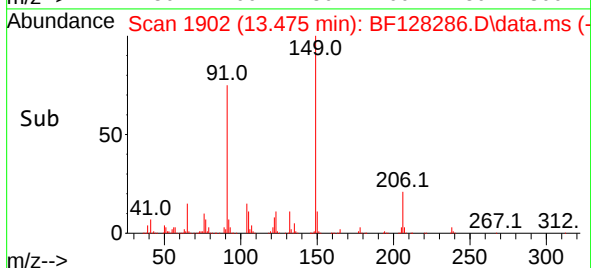
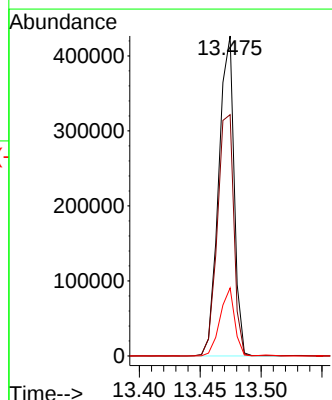
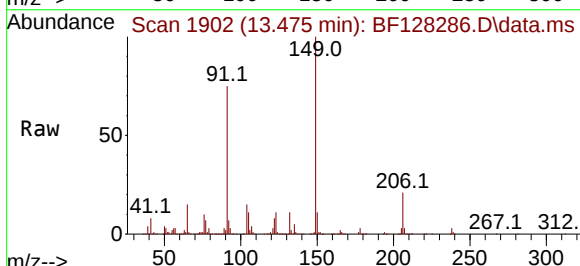
Tgt Ion:149 Resp: 377046

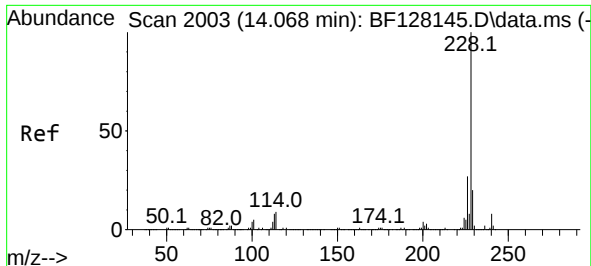
Ion Ratio Lower Upper

149 100

91 75.4 65.8 98.6

206 21.2 15.4 23.2

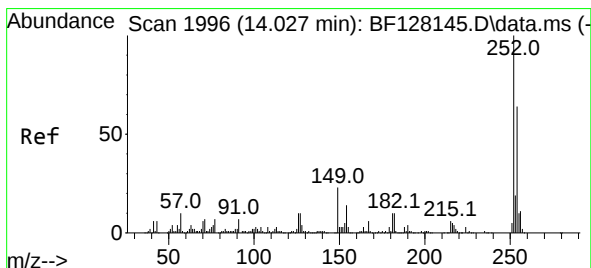
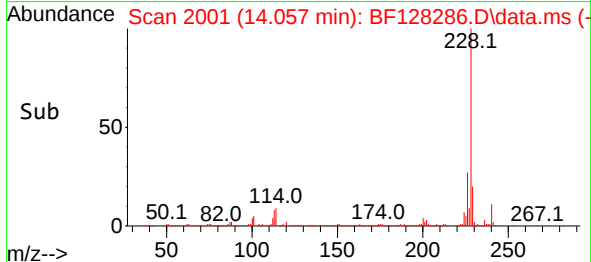
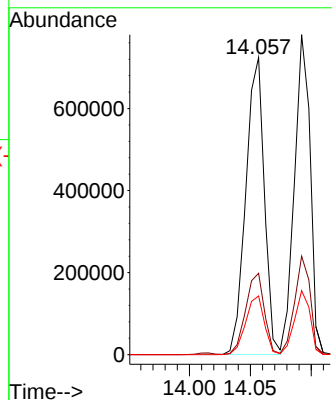
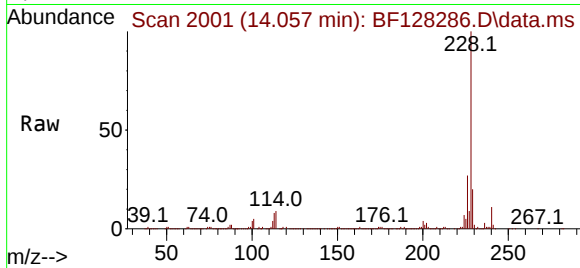




#81
Benzo(a)anthracene
Concen: 41.423 ng
RT: 14.057 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

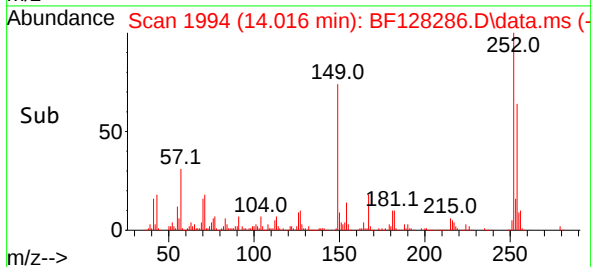
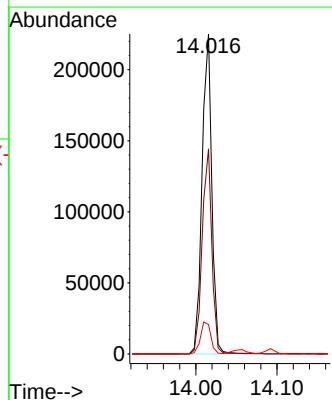
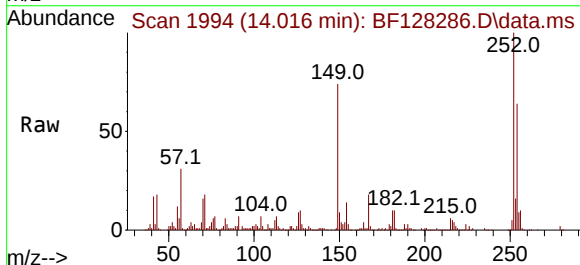
Instrument :
BNA_F
ClientSampleId :
PB144826BSD

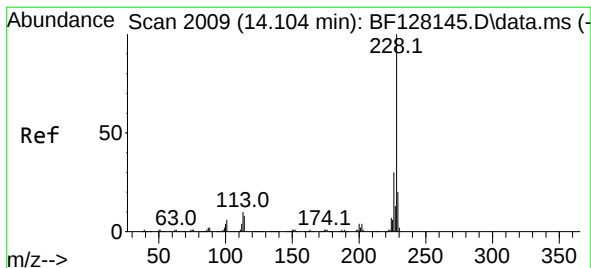
Tgt Ion:228 Resp: 768002
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 45.228 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128286.D
Acq: 17 May 2022 12:41

Tgt Ion:252 Resp: 188155
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 9.2 8.8 13.2





#83

Chrysene

Concen: 39.587 ng

RT: 14.092 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

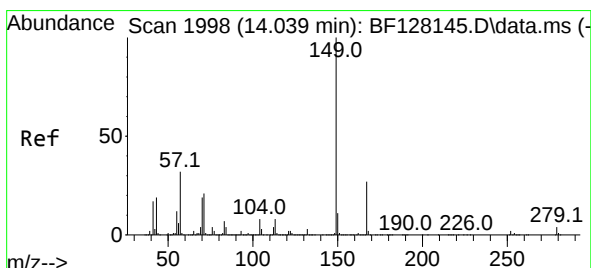
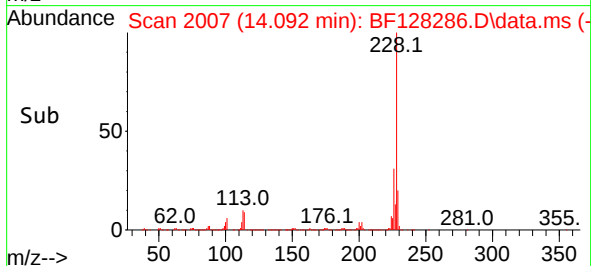
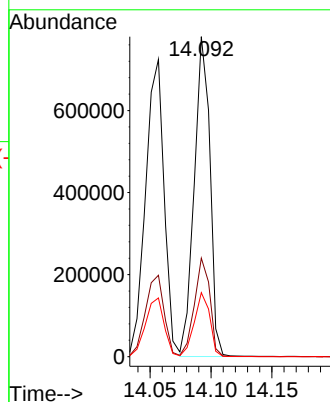
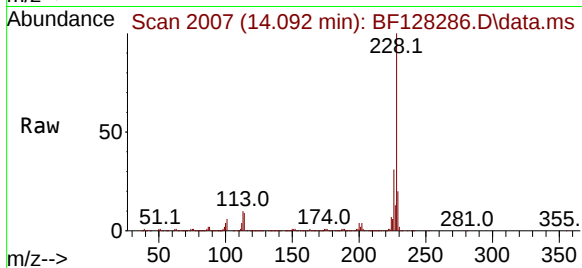
Tgt Ion:228 Resp: 700305

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.736 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

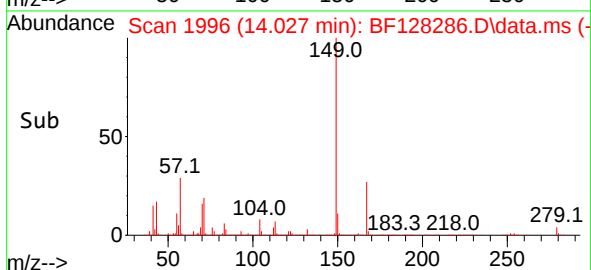
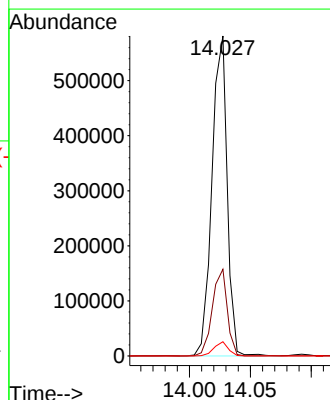
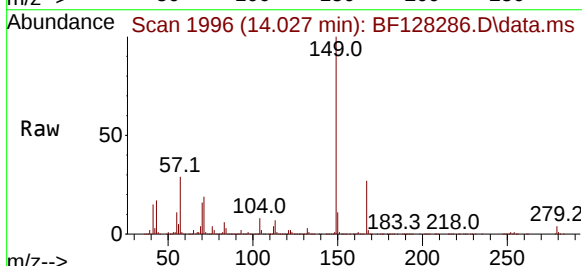
Tgt Ion:149 Resp: 505248

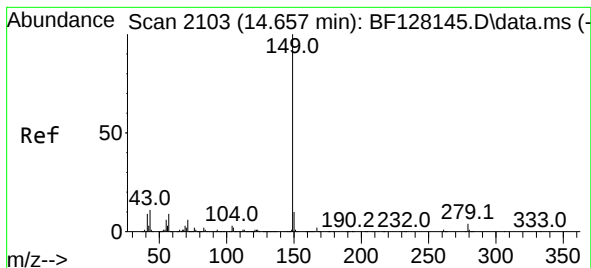
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.606 ng

RT: 14.639 min Scan# 2100

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

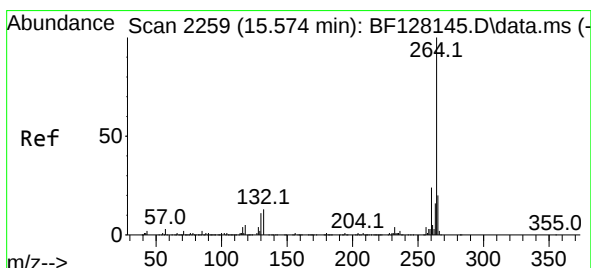
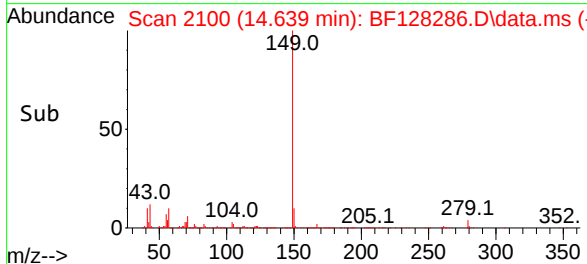
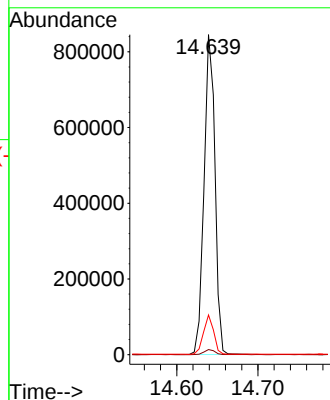
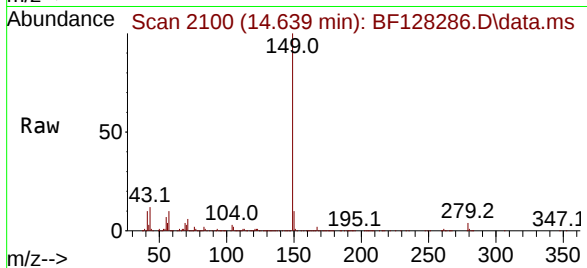
Tgt Ion:149 Resp: 785739

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

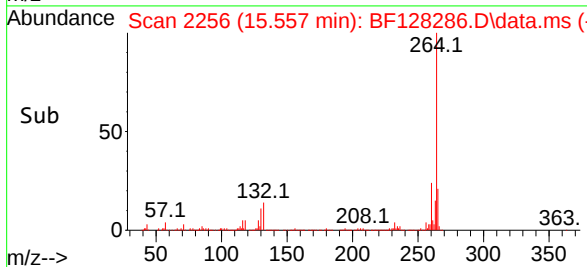
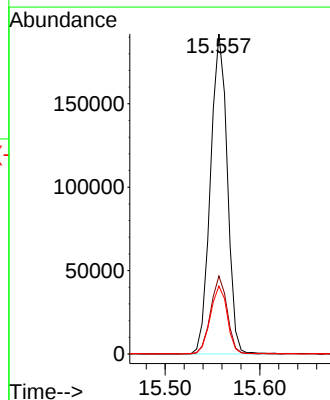
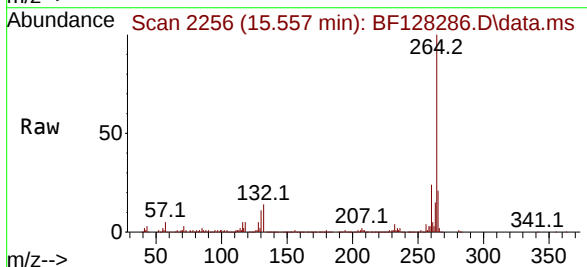
Tgt Ion:264 Resp: 236077

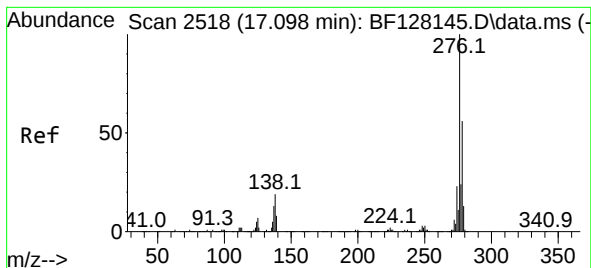
Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.993 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

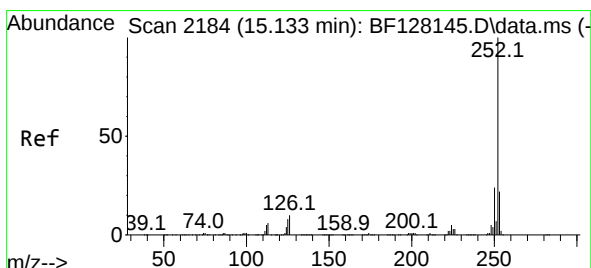
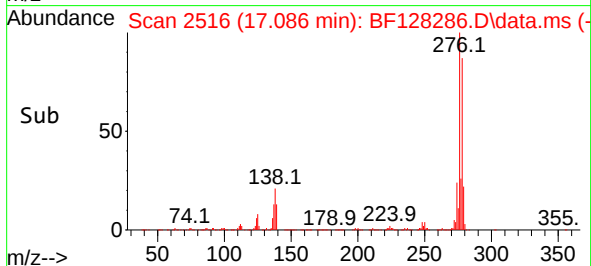
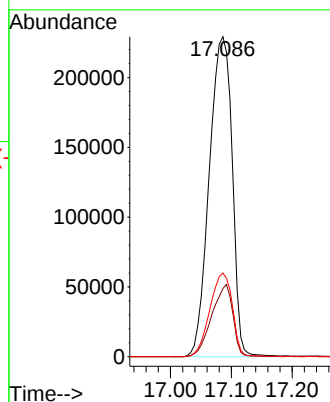
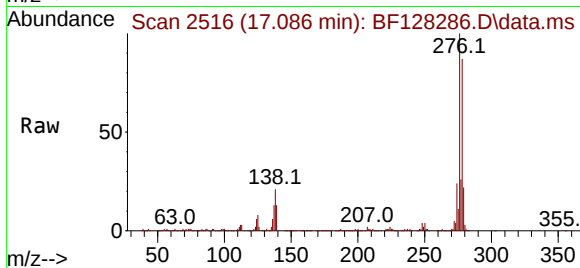
Tgt Ion:276 Resp: 599685

Ion Ratio Lower Upper

276 100

138 20.9 19.0 28.4

277 25.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.461 ng

RT: 15.121 min Scan# 2182

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

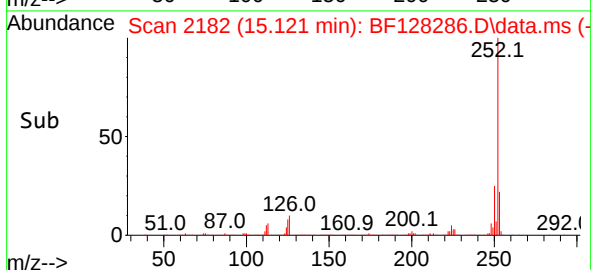
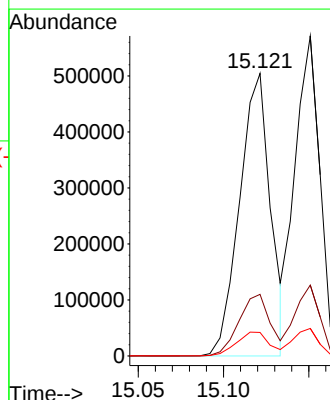
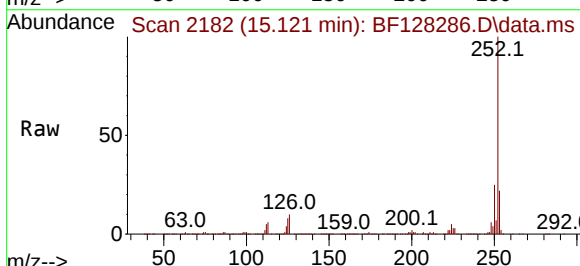
Tgt Ion:252 Resp: 636019

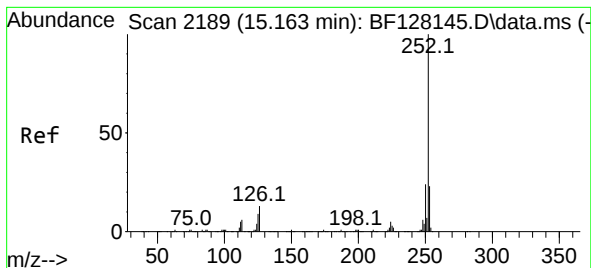
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.312 ng

RT: 15.151 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

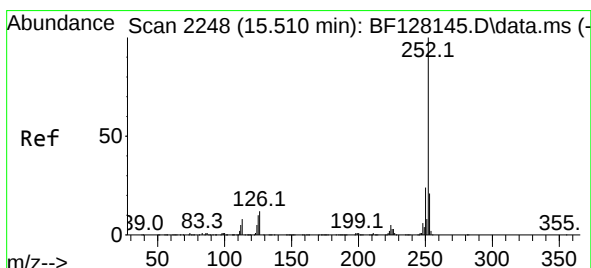
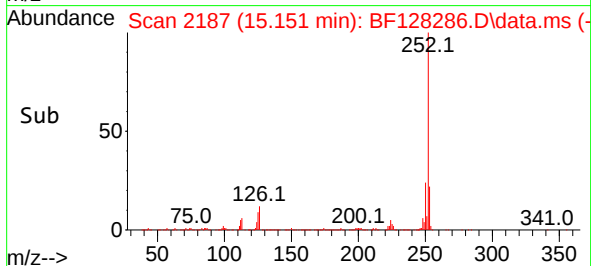
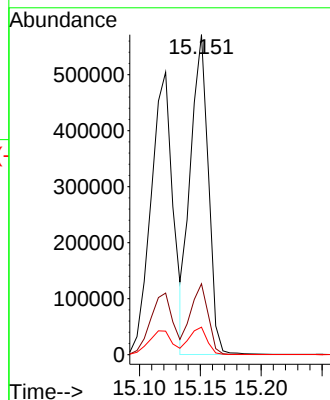
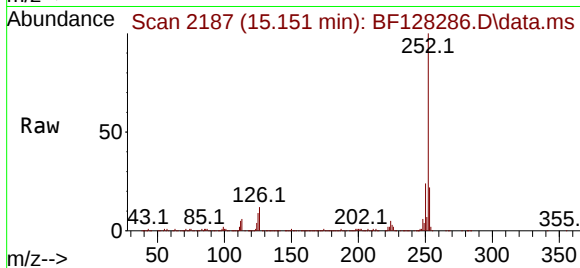
Tgt Ion:252 Resp: 582347

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 8.6 6.8 10.2



#90

Benzo(a)pyrene

Concen: 48.542 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

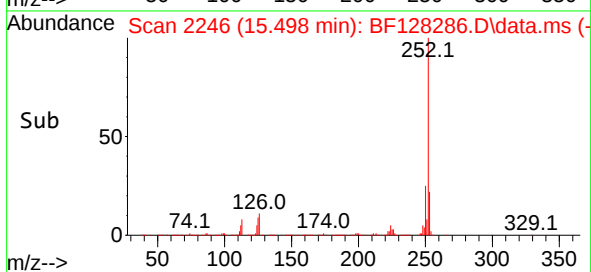
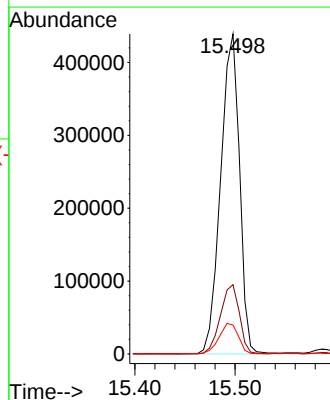
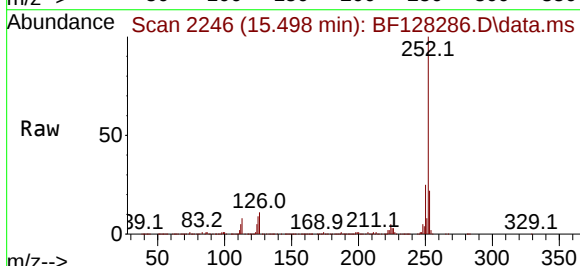
Tgt Ion:252 Resp: 573503

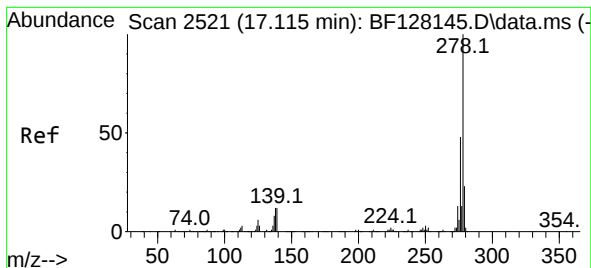
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 9.0 9.2 13.8#





#91

Dibenzo(a,h)anthracene

Concen: 44.523 ng

RT: 17.098 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Instrument :

BNA_F

ClientSampleId :

PB144826BSD

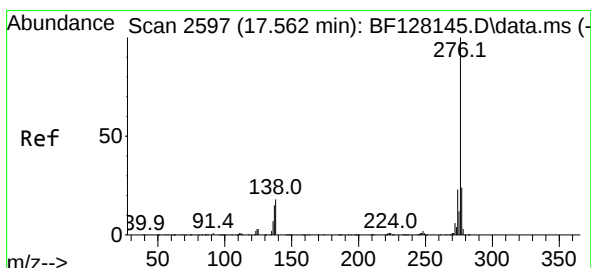
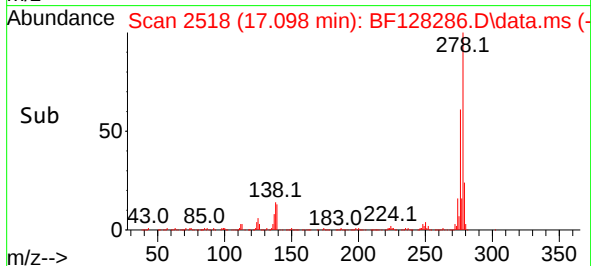
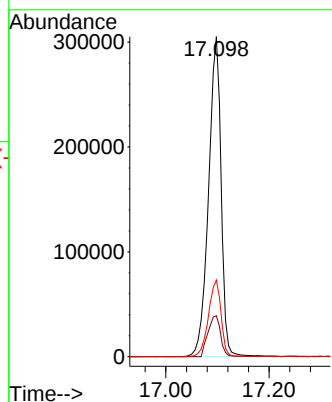
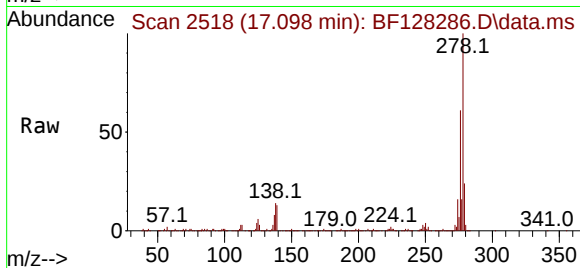
Tgt Ion:278 Resp: 514747

Ion Ratio Lower Upper

278 100

139 12.8 12.6 19.0

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 45.287 ng

RT: 17.551 min Scan# 2595

Delta R.T. 0.006 min

Lab File: BF128286.D

Acq: 17 May 2022 12:41

Tgt Ion:276 Resp: 530141

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 16.5 16.2 24.2

