

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128187.D
 Acq On : 11 May 2022 11:04
 Operator : CG\JU
 Sample : PB144720BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144720BS

Quant Time: May 12 05:58:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	96991	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	373065	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	207198	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	363471	20.000	ng	0.00
76) Chrysene-d12	14.080	240	245213	20.000	ng	0.00
86) Perylene-d12	15.574	264	188175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	738589	121.394	ng	0.02
7) Phenol-d6	6.534	99	958073	119.054	ng	0.00
23) Nitrobenzene-d5	7.463	82	688940	83.095	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	287187	120.854	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1110902	83.892	ng	0.00
79) Terphenyl-d14	13.016	244	1279510	97.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	94943	35.079	ng	98
3) Pyridine	3.581	79	267581	37.266	ng	96
4) n-Nitrosodimethylamine	3.557	42	171387	47.882	ng	94
6) Aniline	6.563	93	353642	38.913	ng	99
8) 2-Chlorophenol	6.681	128	296624	47.866	ng	99
9) Benzaldehyde	6.451	77	181700	49.060	ng	98
10) Phenol	6.545	94	377991	44.541	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	295067	46.427	ng	98
12) 1,3-Dichlorobenzene	6.834	146	315513	45.235	ng	95
13) 1,4-Dichlorobenzene	6.910	146	318373	45.173	ng	97
14) 1,2-Dichlorobenzene	7.063	146	307024	46.227	ng	99
15) Benzyl Alcohol	7.040	79	294524	46.313	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	421601	44.734	ng	98
17) 2-Methylphenol	7.151	107	241433	45.922	ng	95
18) Hexachloroethane	7.404	117	122661	46.067	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	227761	45.959	ng	98
20) 3+4-Methylphenols	7.304	107	289332	44.447	ng	# 84
22) Acetophenone	7.310	105	413421	44.503	ng	95
24) Nitrobenzene	7.481	77	355425	46.449	ng	98
25) Isophorone	7.722	82	637085	49.013	ng	98
26) 2-Nitrophenol	7.798	139	155598	46.308	ng	93
27) 2,4-Dimethylphenol	7.828	122	266808	51.517	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	362093	44.070	ng	100
29) 2,4-Dichlorophenol	8.039	162	244333	44.875	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	277690	44.500	ng	99
31) Naphthalene	8.198	128	818659	44.433	ng	100
32) Benzoic acid	7.975	122	141448	36.521	ng	98
33) 4-Chloroaniline	8.251	127	187527	25.639	ng	99
34) Hexachlorobutadiene	8.310	225	184037	43.921	ng	98
35) Caprolactam	8.639	113	42935	24.157	ng	99
36) 4-Chloro-3-methylphenol	8.739	107	273158	44.900	ng	97
37) 2-Methylnaphthalene	8.892	142	552181	44.452	ng	99
38) 1-Methylnaphthalene	8.992	142	523416	43.872	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	275701	45.109	ng	98
41) Hexachlorocyclopentadiene	9.039	237	302431	106.456	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	180127	45.745	ng	99

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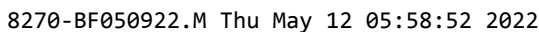
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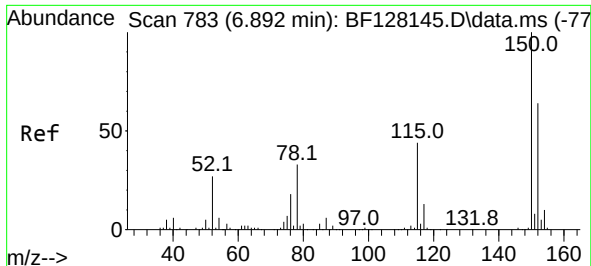
Quant Time: May 12 05:58:49 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	181758	43.291	ng	98
46) 1,1'-Biphenyl	9.357	154	678451	44.978	ng	100
47) 2-Chloronaphthalene	9.386	162	499569	44.684	ng	98
48) 2-Nitroaniline	9.486	65	184099	45.930	ng	99
49) Acenaphthylene	9.804	152	801148	47.377	ng	100
50) Dimethylphthalate	9.663	163	603245	45.116	ng	99
51) 2,6-Dinitrotoluene	9.728	165	137932	47.027	ng	92
52) Acenaphthene	9.975	154	477071	40.690	ng	99
53) 3-Nitroaniline	9.898	138	92136	28.976	ng	99
54) 2,4-Dinitrophenol	10.010	184	137353	84.649	ng	# 76
55) Dibenzofuran	10.145	168	712501	42.801	ng	97
56) 4-Nitrophenol	10.069	139	187729	84.492	ng	85
57) 2,4-Dinitrotoluene	10.133	165	180603	46.049	ng	# 73
58) Fluorene	10.492	166	571742	44.094	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	154611	43.090	ng	99
60) Diethylphthalate	10.363	149	601350	45.078	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	279939	43.291	ng	99
62) 4-Nitroaniline	10.522	138	135875	42.151	ng	90
63) Azobenzene	10.639	77	643982	44.084	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	98999	43.520	ng	91
66) n-Nitrosodiphenylamine	10.604	169	505636	47.733	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	181750	46.478	ng	99
68) Hexachlorobenzene	11.033	284	208307	48.698	ng	99
69) Atrazine	11.127	200	180825	50.604	ng	96
70) Pentachlorophenol	11.233	266	194185	93.537	ng	98
71) Phenanthrene	11.457	178	828500	45.777	ng	100
72) Anthracene	11.510	178	853468	47.231	ng	100
73) Carbazole	11.663	167	766230	44.592	ng	99
74) Di-n-butylphthalate	11.980	149	911299	46.068	ng	99
75) Fluoranthene	12.645	202	890876	45.403	ng	98
77) Benzidine	12.769	184	371322	69.917	ng	99
78) Pyrene	12.880	202	891639	50.148	ng	99
80) Butylbenzylphthalate	13.486	149	365381	49.430	ng	97
81) Benzo(a)anthracene	14.068	228	749442	47.849	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	162961	46.369	ng	98
83) Chrysene	14.104	228	681320	45.590	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	487607	48.822	ng	99
85) Di-n-octyl phthalate	14.657	149	731069	45.824	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	557316	48.960	ng	96
88) Benzo(b)fluoranthene	15.133	252	583837	50.051	ng	98
89) Benzo(k)fluoranthene	15.163	252	557678	48.432	ng	98
90) Benzo(a)pyrene	15.515	252	531334	56.421	ng	# 95
91) Dibenzo(a,h)anthracene	17.115	278	481911	52.293	ng	# 96
92) Benzo(g,h,i)perylene	17.568	276	490222	52.537	ng	96

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

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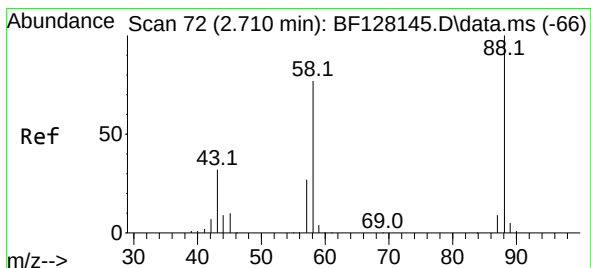
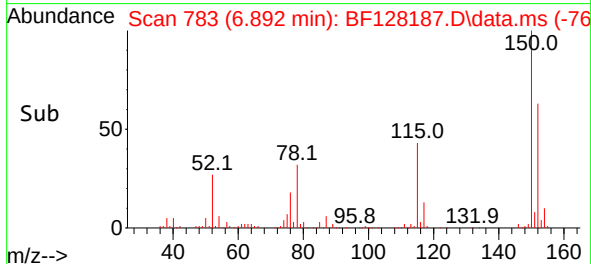
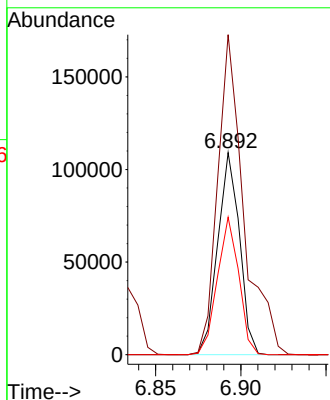
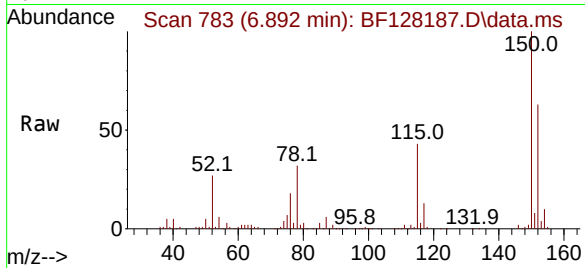




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

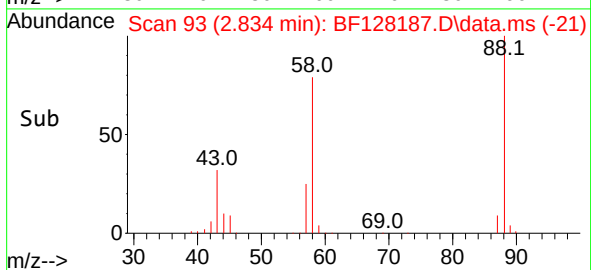
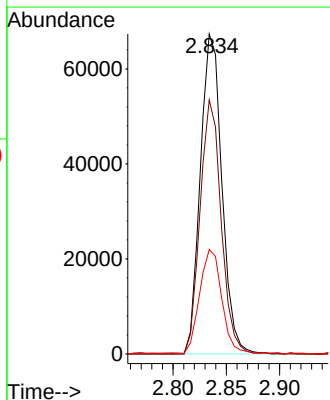
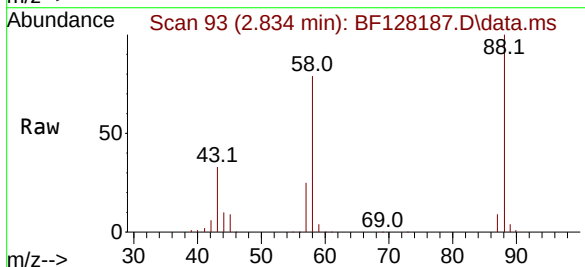
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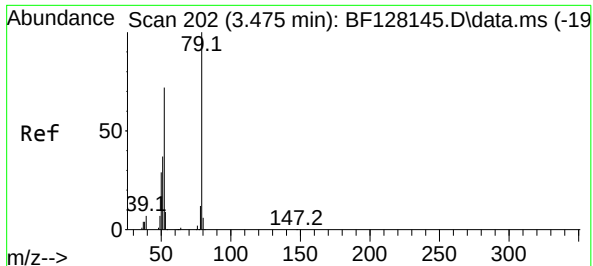
Tgt Ion:152 Resp: 96991
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.3 187.9
 115 68.1 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.079 ng
 RT: 2.834 min Scan# 93
 Delta R.T. 0.124 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

Tgt Ion: 88 Resp: 94943
 Ion Ratio Lower Upper
 88 100
 58 77.6 61.0 91.4
 43 32.9 24.9 37.3

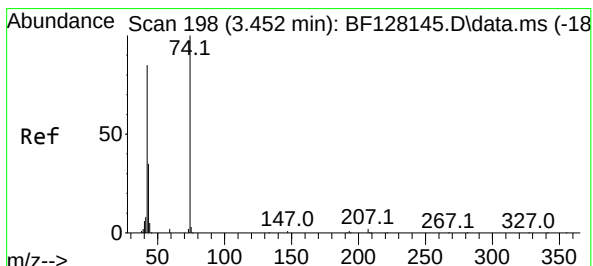
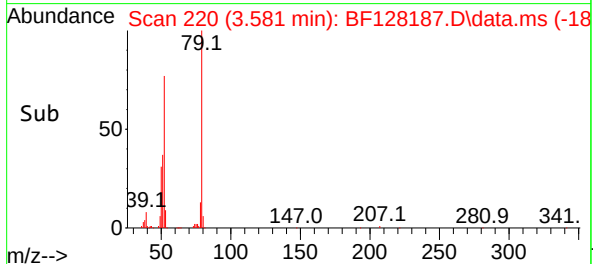
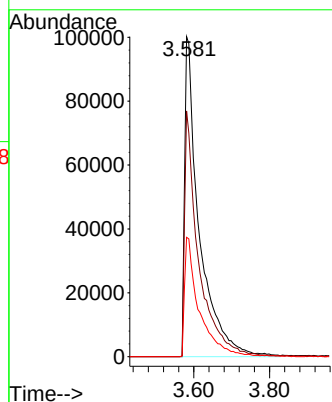
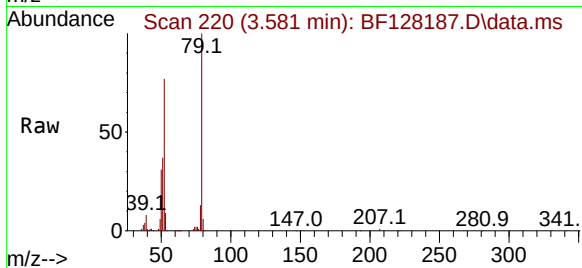




#3
Pyridine
Concen: 37.266 ng
RT: 3.581 min Scan# 216
Delta R.T. 0.106 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

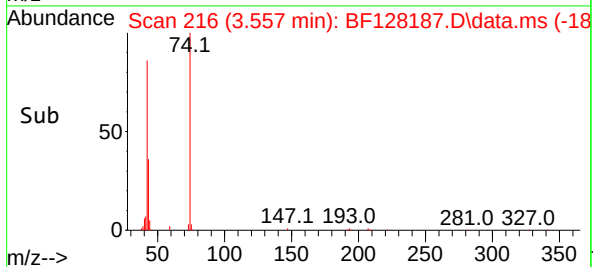
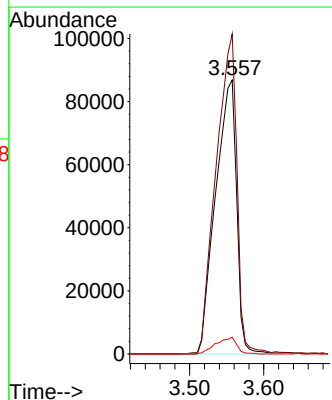
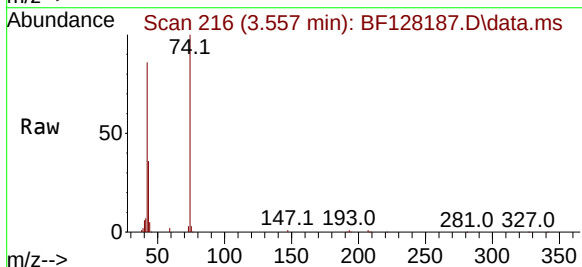
Instrument :
BNA_F
ClientSampleId :
PB144720BS

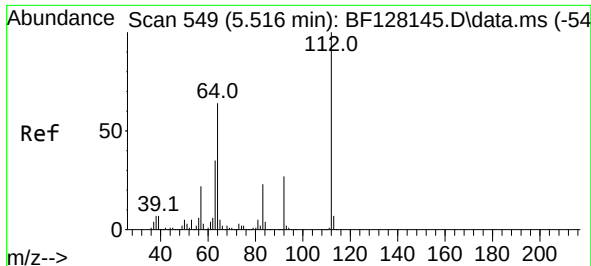
Tgt Ion: 79 Resp: 267581
Ion Ratio Lower Upper
79 100
52 76.8 58.3 87.5
51 37.3 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 47.882 ng
RT: 3.557 min Scan# 216
Delta R.T. 0.106 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 42 Resp: 171387
Ion Ratio Lower Upper
42 100
74 116.8 99.0 148.4
44 6.1 5.2 7.8

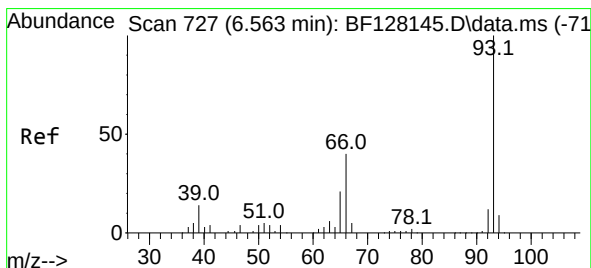
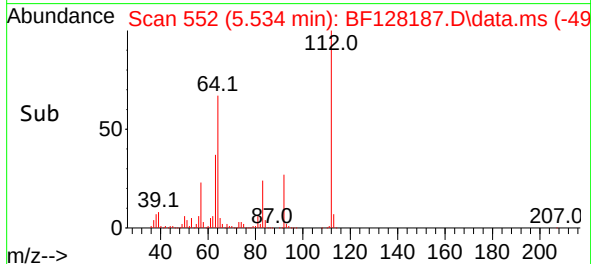
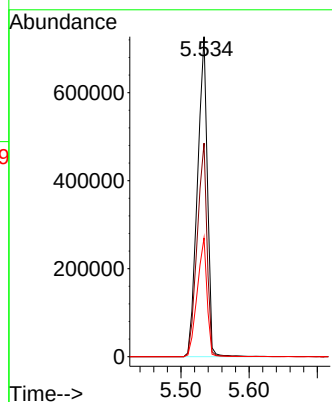
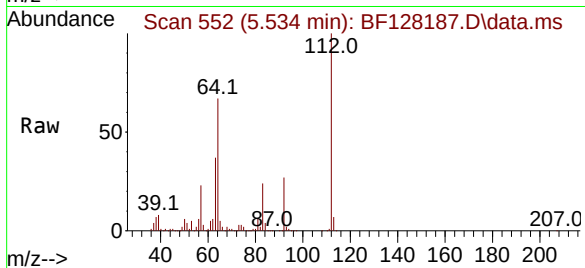




#5
2-Fluorophenol
Concen: 121.394 ng
RT: 5.534 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

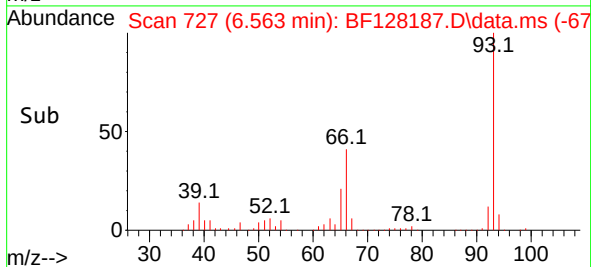
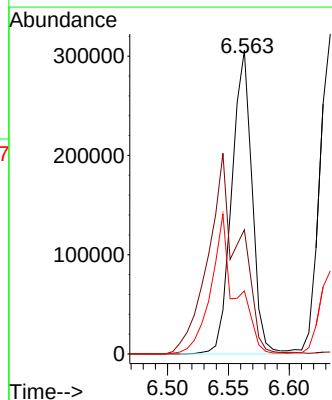
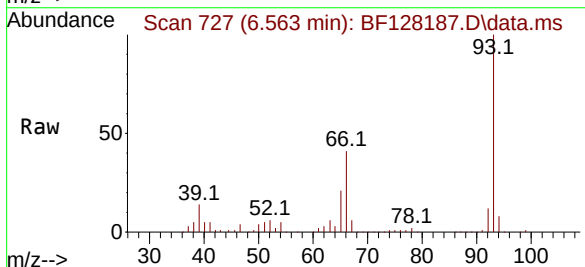
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ClientSampleId :
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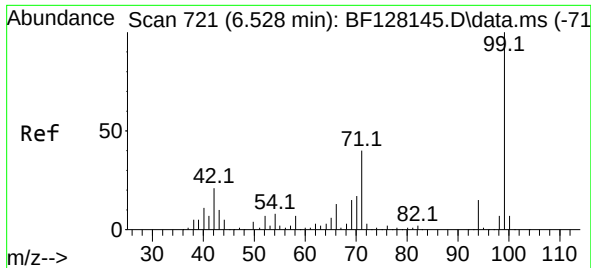
Tgt Ion:112 Resp: 738589
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 37.1 26.3 39.5



#6
Aniline
Concen: 38.913 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 93 Resp: 353642
Ion Ratio Lower Upper
93 100
66 40.9 32.2 48.4
65 20.8 16.7 25.1

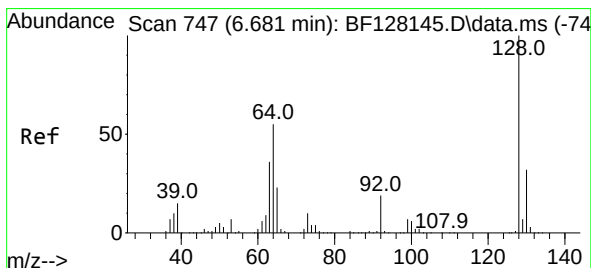
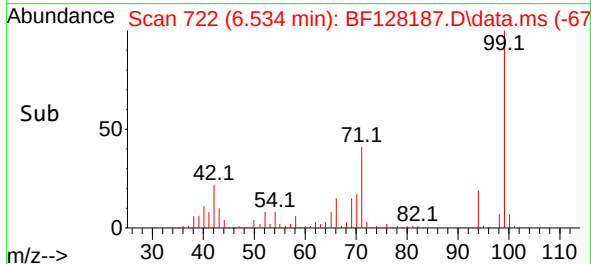
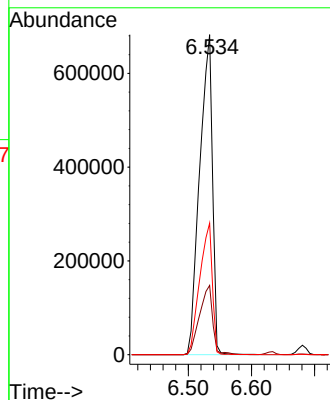
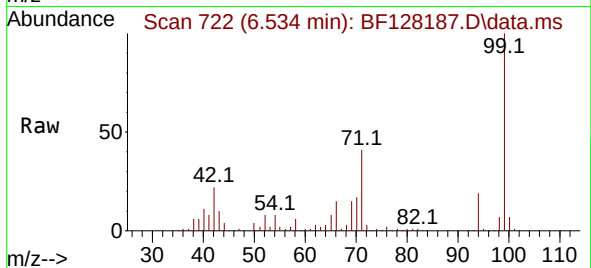




#7
Phenol-d6
Concen: 119.054 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

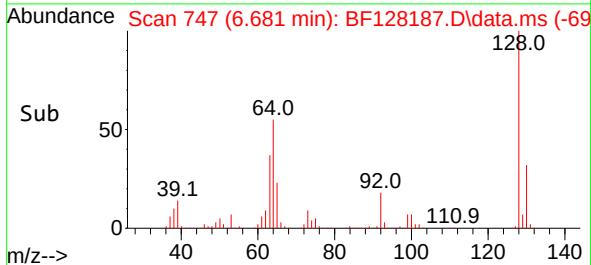
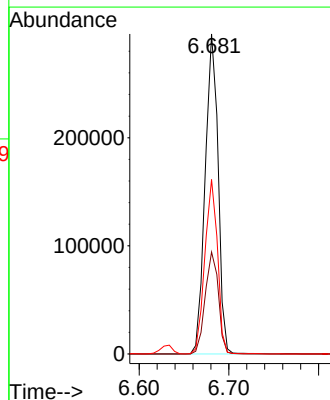
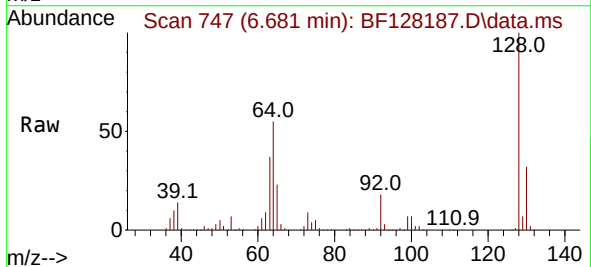
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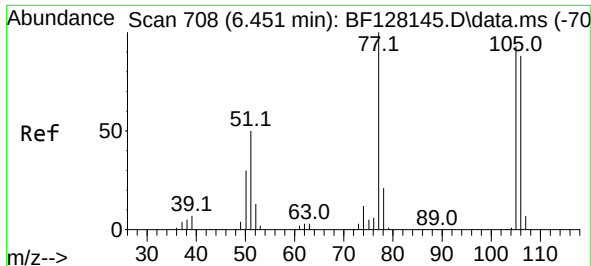
Tgt Ion: 99 Resp: 958073
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 41.1 30.0 45.0



#8
2-Chlorophenol
Concen: 47.866 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 128 Resp: 296624
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 54.5 33.8 73.8

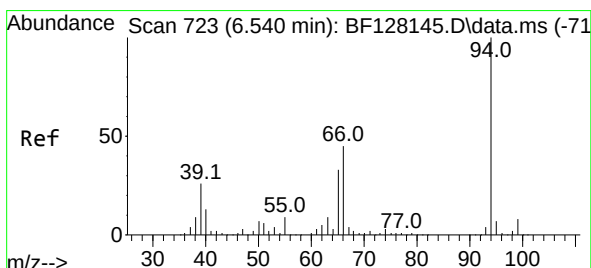
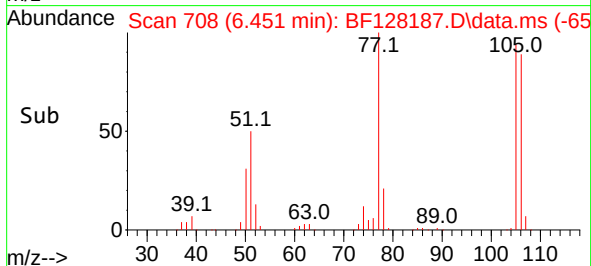
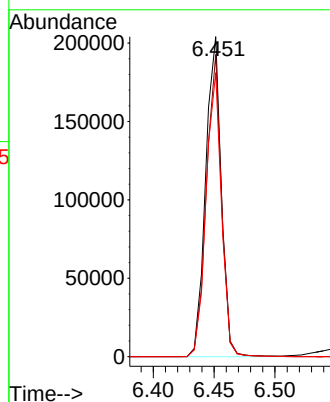
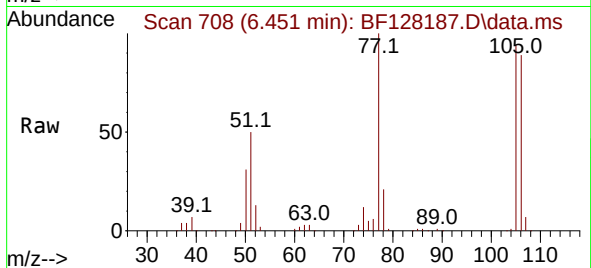




#9
Benzaldehyde
Concen: 49.060 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

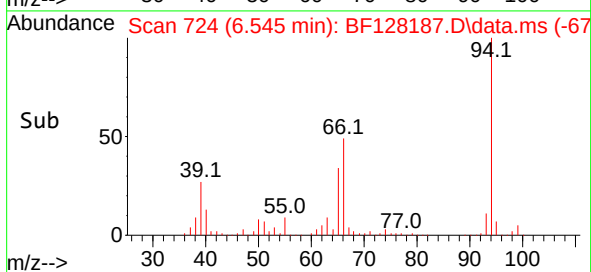
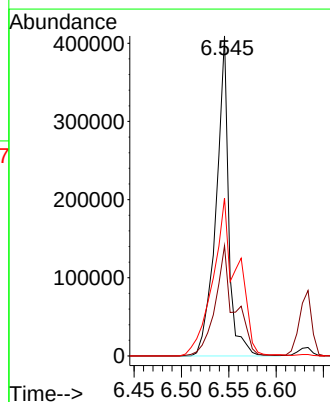
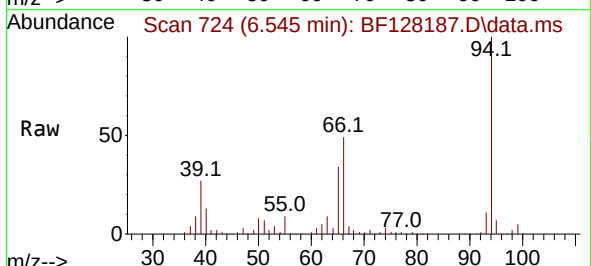
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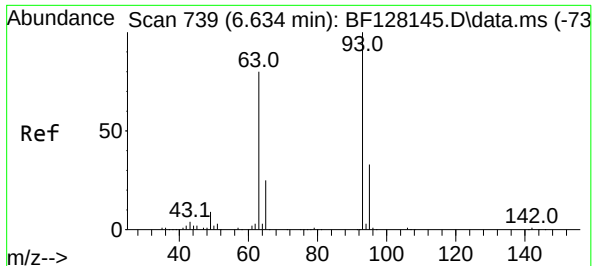
Tgt Ion: 77 Resp: 181700
Ion Ratio Lower Upper
77 100
105 94.4 74.9 114.9
106 88.8 72.2 112.2



#10
Phenol
Concen: 44.541 ng
RT: 6.545 min Scan# 724
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 94 Resp: 377991
Ion Ratio Lower Upper
94 100
65 34.5 10.6 50.6
66 49.4 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 46.427 ng

RT: 6.634 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

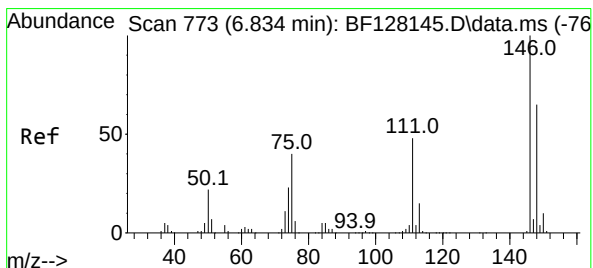
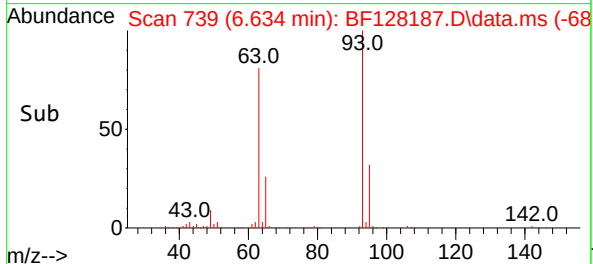
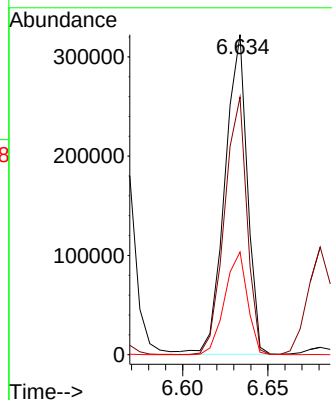
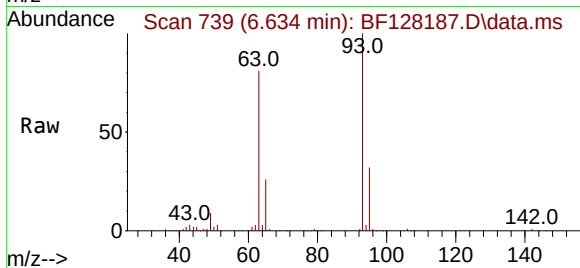
Tgt Ion: 93 Resp: 295067

Ion Ratio Lower Upper

93 100

63 80.5 58.6 98.6

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.235 ng

RT: 6.834 min Scan# 773

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

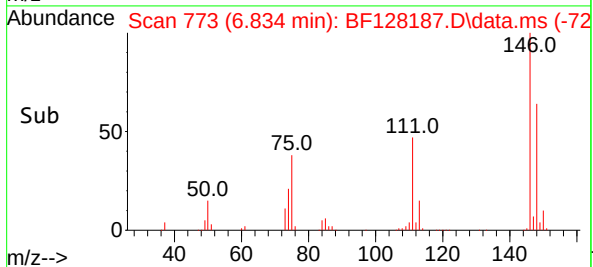
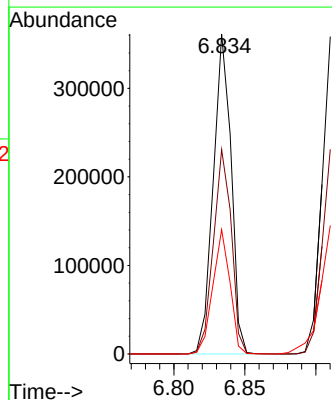
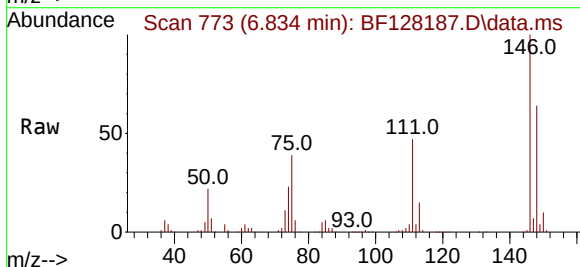
Tgt Ion: 146 Resp: 315513

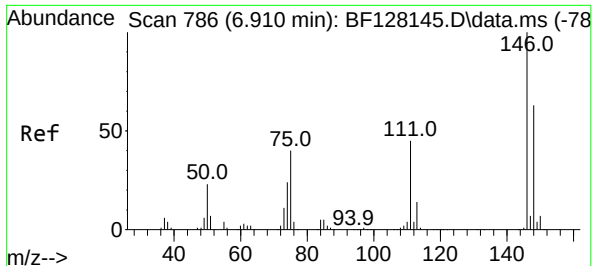
Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

75 38.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 45.173 ng

RT: 6.910 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

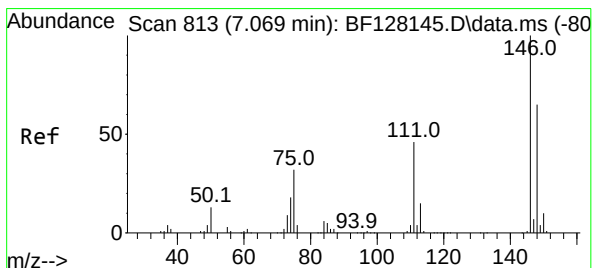
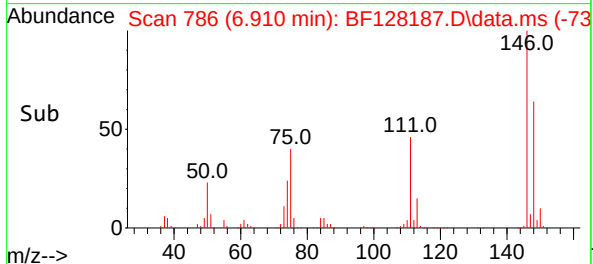
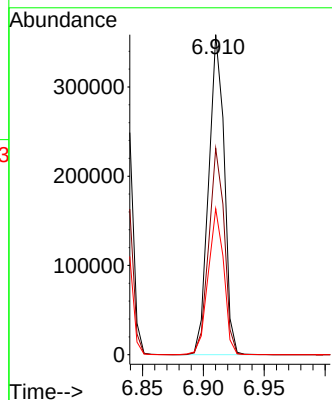
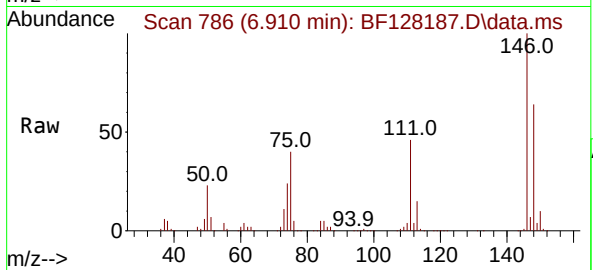
Tgt Ion:146 Resp: 318373

Ion Ratio Lower Upper

146 100

148 64.5 52.3 78.5

111 45.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 46.227 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

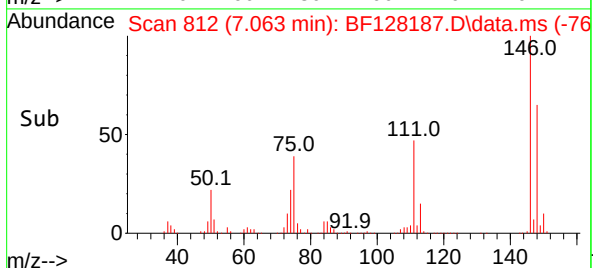
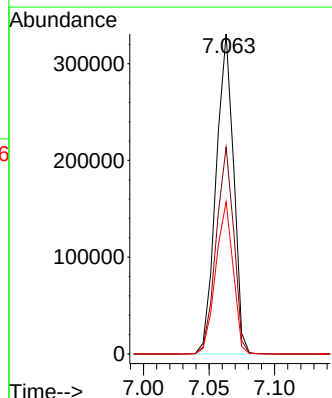
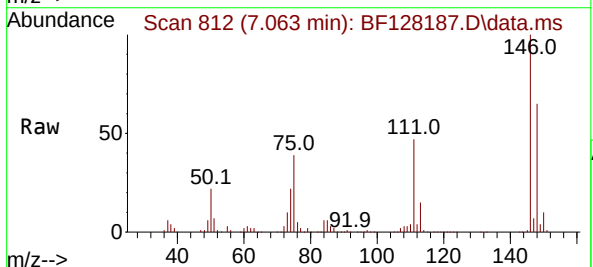
Tgt Ion:146 Resp: 307024

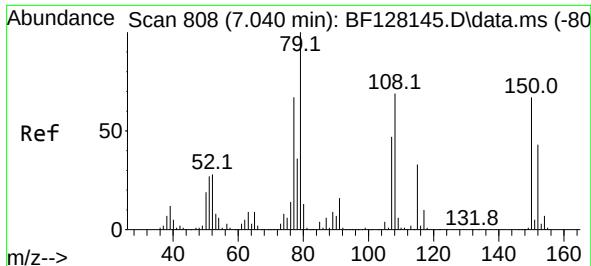
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

111 47.5 36.6 55.0

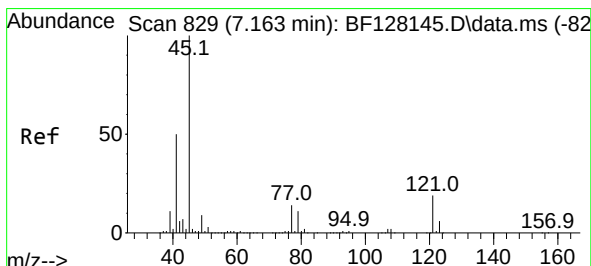
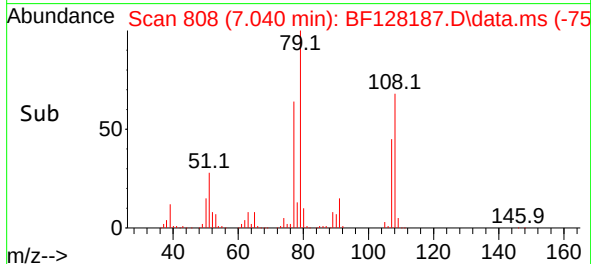
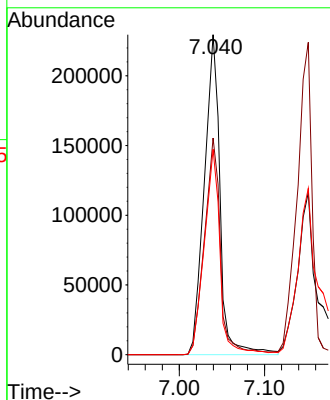
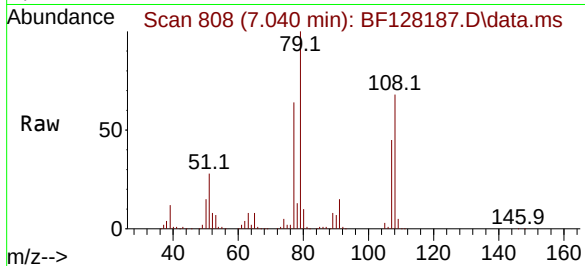




#15
Benzyl Alcohol
Concen: 46.313 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

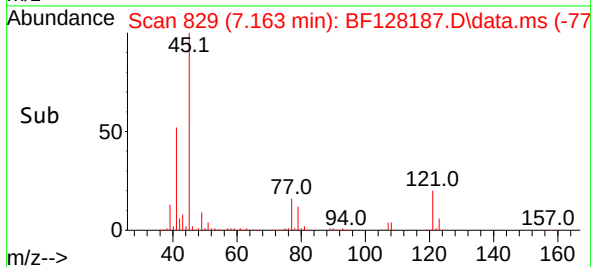
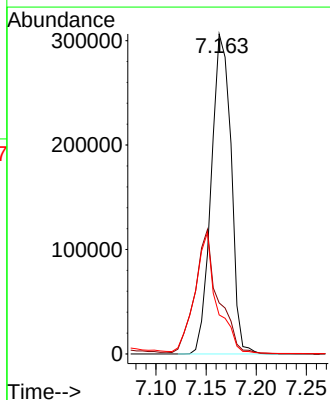
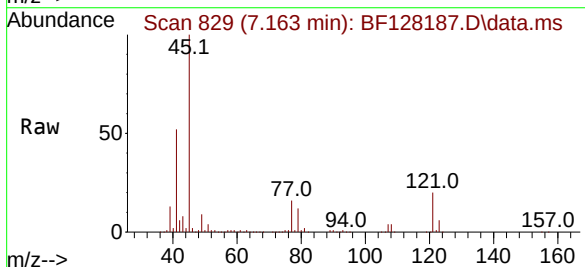
Instrument :
BNA_F
ClientSampleId :
PB144720BS

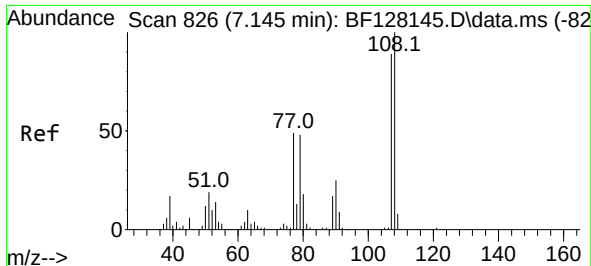
Tgt Ion: 79 Resp: 294524
Ion Ratio Lower Upper
79 100
108 67.7 57.0 85.6
77 64.2 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.734 ng
RT: 7.163 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 45 Resp: 421601
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.9
79 12.2 0.0 31.6



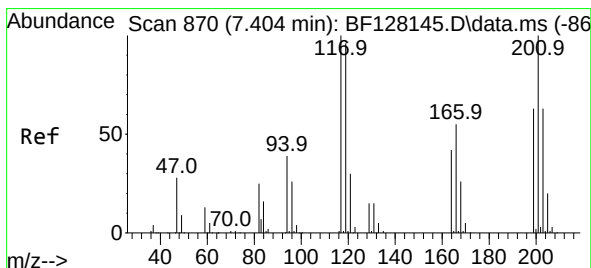
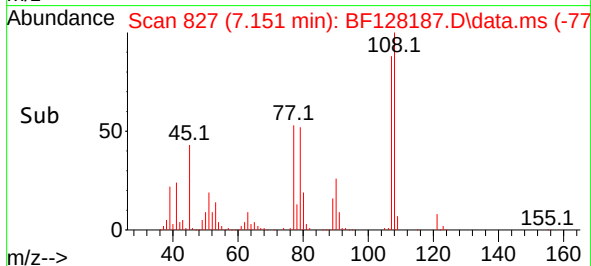
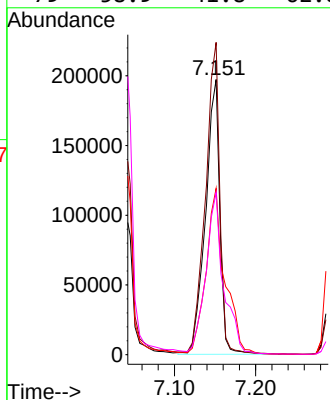
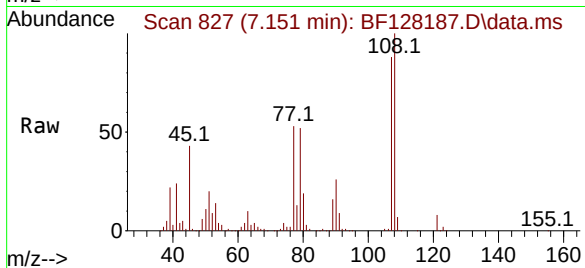


#17
2-Methylphenol
Concen: 45.922 ng
RT: 7.151 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Instrument :
BNA_F
ClientSampleId :
PB144720BS

Tgt Ion:107 Resp: 241433

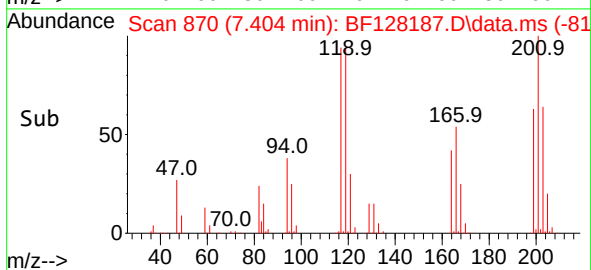
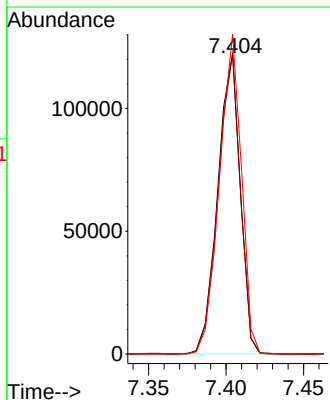
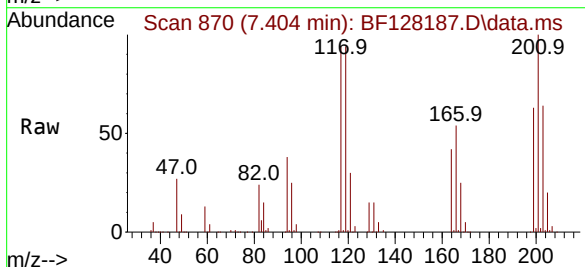
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.2	135.2
77	60.4	41.9	62.9
79	58.9	41.8	62.8

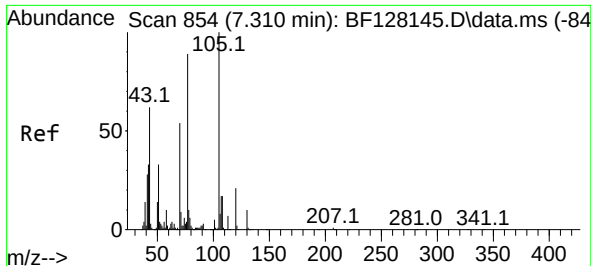


#18
Hexachloroethane
Concen: 46.067 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:117 Resp: 122661

Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.2	114.4
201	106.6	84.4	126.6



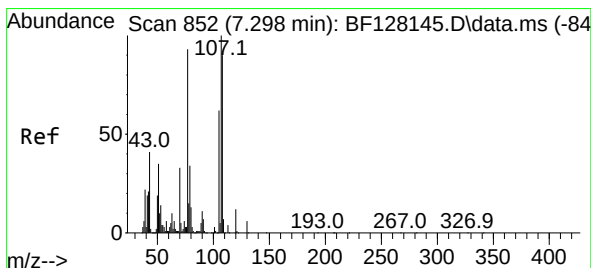
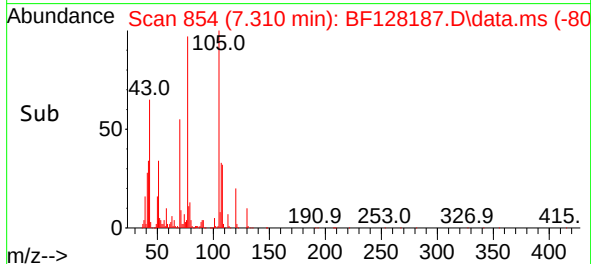
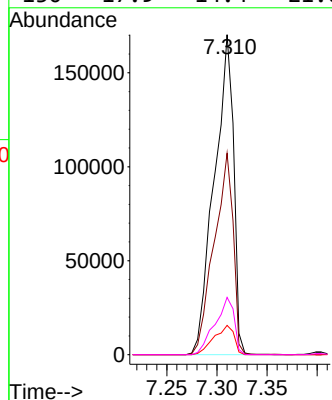
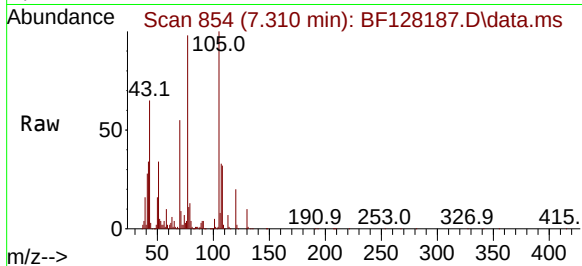


#19
n-Nitroso-di-n-propylamine
Concen: 45.959 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Instrument :
BNA_F
ClientSampleId :
PB144720BS

Tgt Ion: 70 Resp: 227761

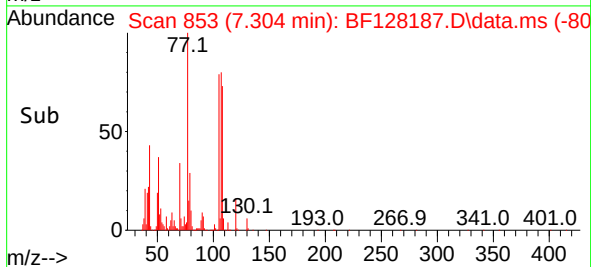
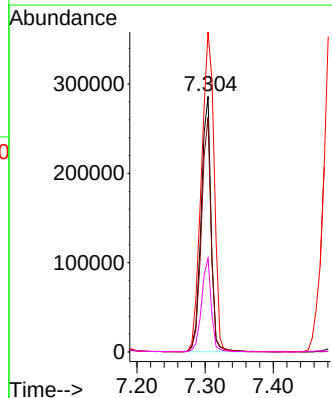
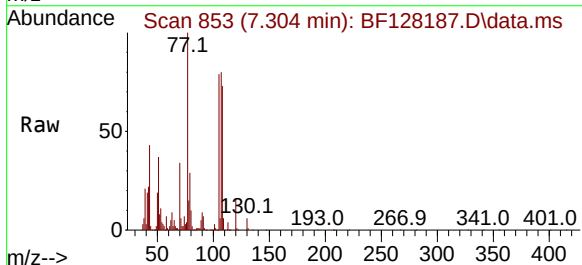
Ion	Ratio	Lower	Upper
70	100		
42	63.0	48.7	73.1
101	9.1	7.2	10.8
130	17.9	14.4	21.6

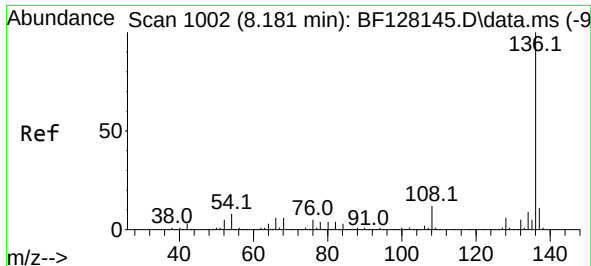


#20
3+4-Methylphenols
Concen: 44.447 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 107 Resp: 289332

Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.4	113.4
77	125.2	71.1	111.1#
79	36.6	17.1	57.1





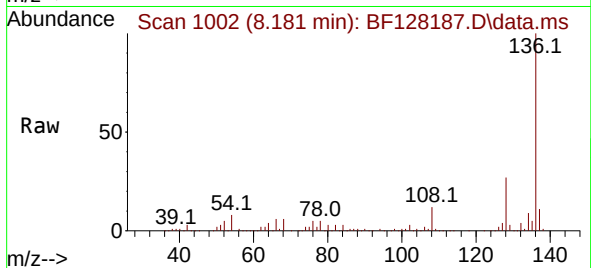
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Instrument :

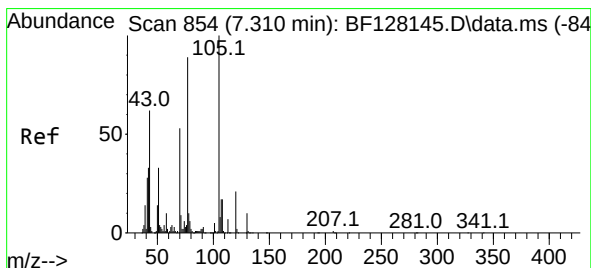
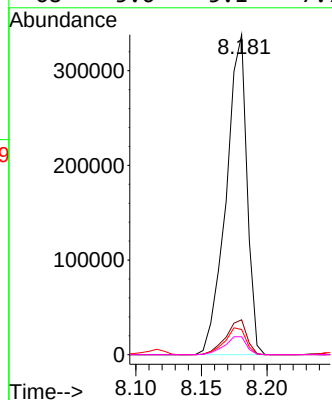
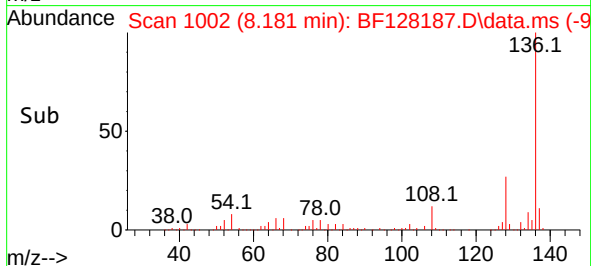
BNA_F

ClientSampleId :

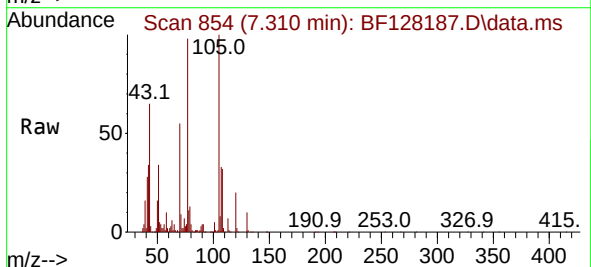
PB144720BS



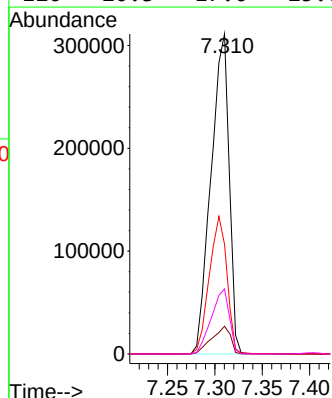
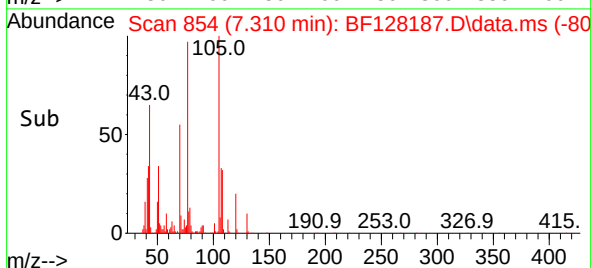
Tgt Ion:136 Resp: 373065
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 6.8 10.2
68 5.6 5.1 7.7

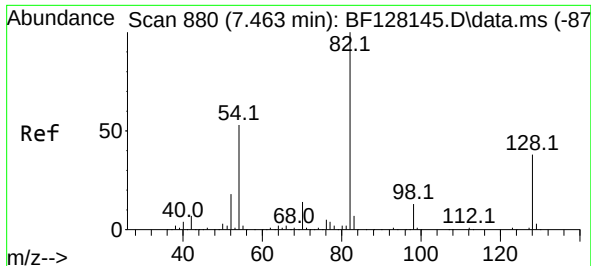


#22
Acetophenone
Concen: 44.503 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04



Tgt Ion:105 Resp: 413421
Ion Ratio Lower Upper
105 100
71 8.7 7.3 10.9
51 34.3 23.7 35.5
120 20.3 17.0 25.6

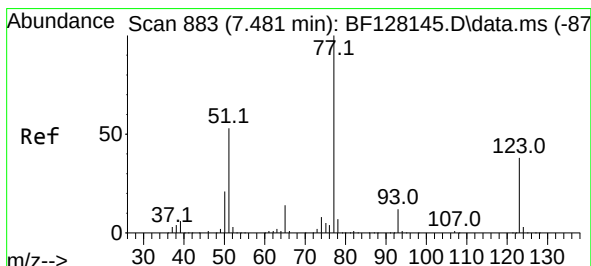
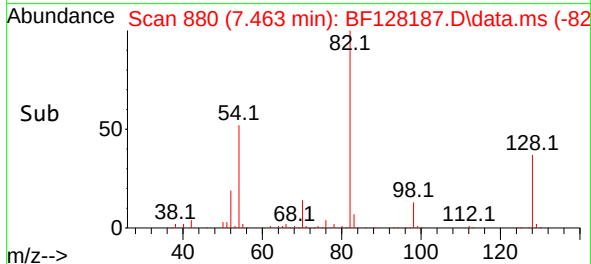
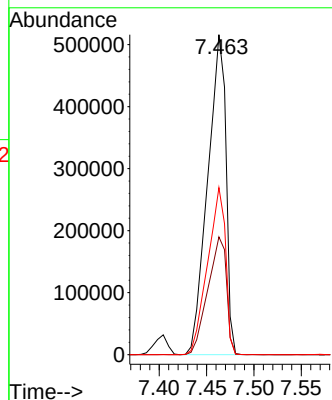
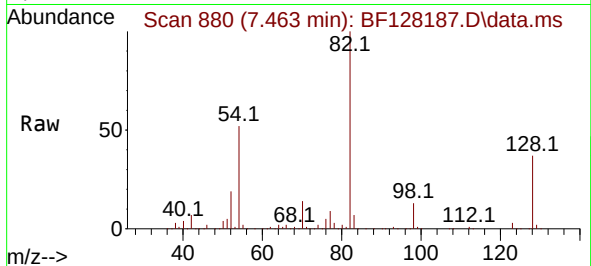




#23
Nitrobenzene-d5
Concen: 83.095 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

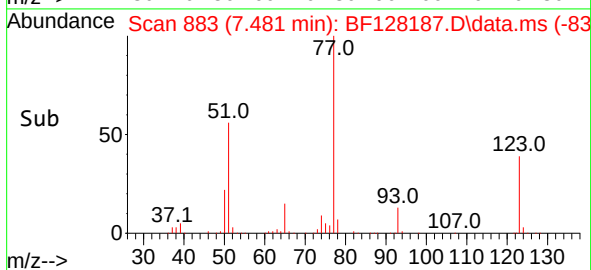
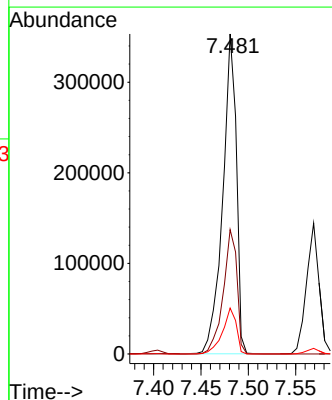
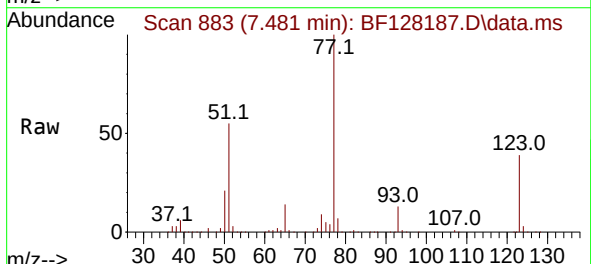
Instrument :
BNA_F
ClientSampleId :
PB144720BS

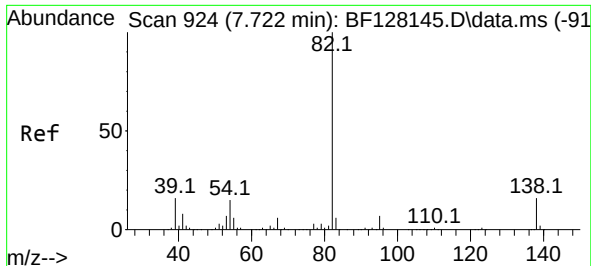
Tgt Ion: 82 Resp: 688940
Ion Ratio Lower Upper
82 100
128 36.8 30.0 45.0
54 52.2 41.3 61.9



#24
Nitrobenzene
Concen: 46.449 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 77 Resp: 355425
Ion Ratio Lower Upper
77 100
123 38.8 32.0 48.0
65 14.4 11.0 16.6

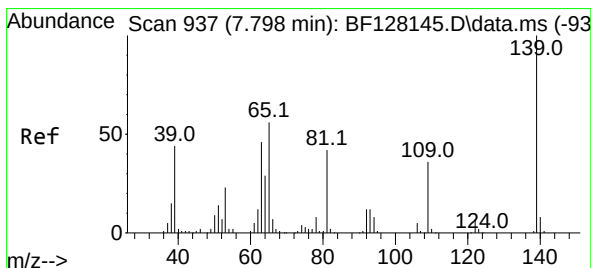
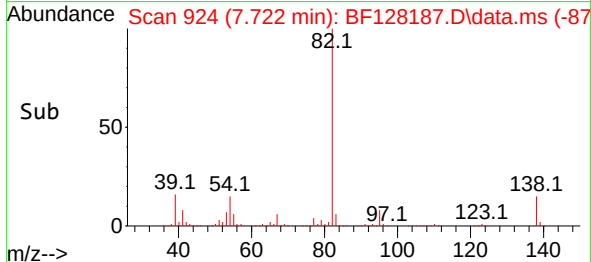
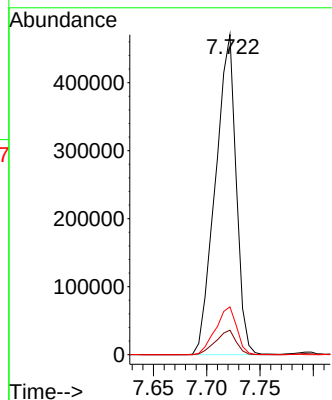
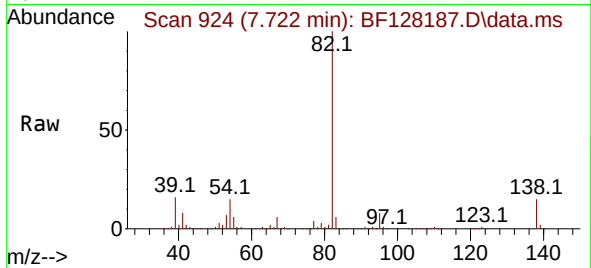




#25
Isophorone
Concen: 49.013 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

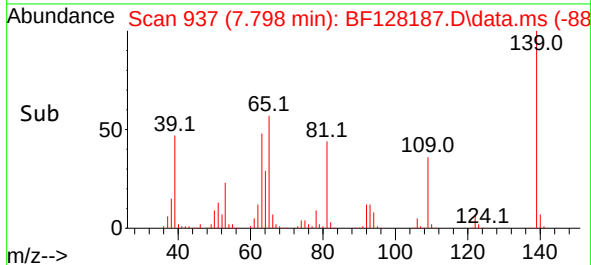
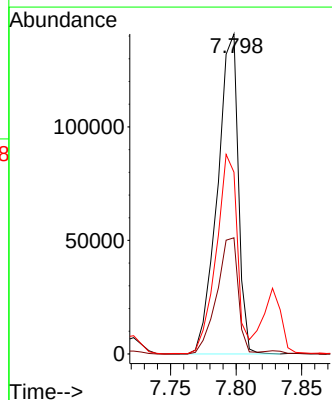
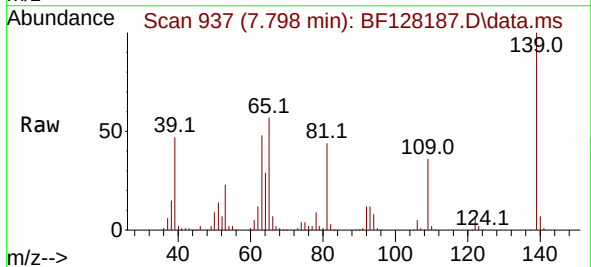
Instrument :
BNA_F
ClientSampleId :
PB144720BS

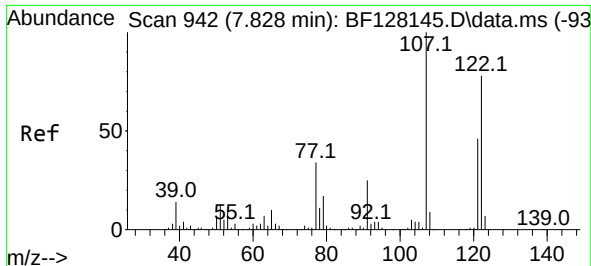
Tgt Ion: 82 Resp: 637085
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 14.9 12.5 18.7



#26
2-Nitrophenol
Concen: 46.308 ng
RT: 7.798 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:139 Resp: 155598
Ion Ratio Lower Upper
139 100
109 36.3 27.4 41.2
65 56.8 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 51.517 ng

RT: 7.828 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

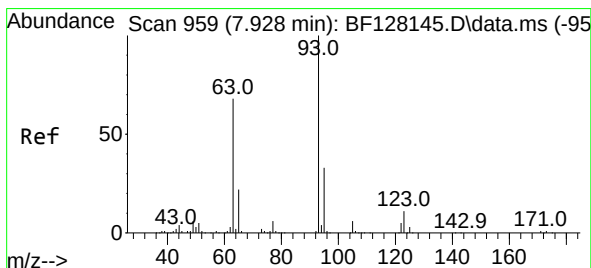
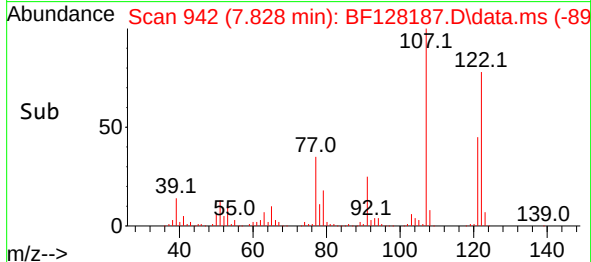
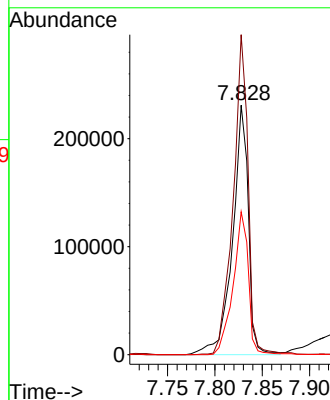
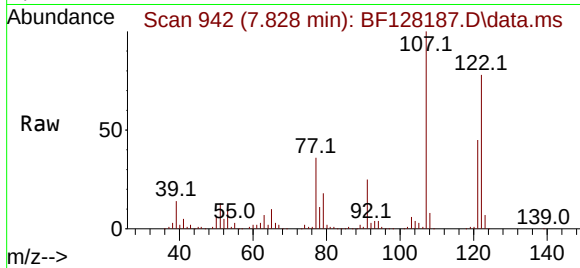
Tgt Ion:122 Resp: 266808

Ion Ratio Lower Upper

122 100

107 128.3 97.5 146.3

121 57.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.070 ng

RT: 7.922 min Scan# 958

Delta R.T. -0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

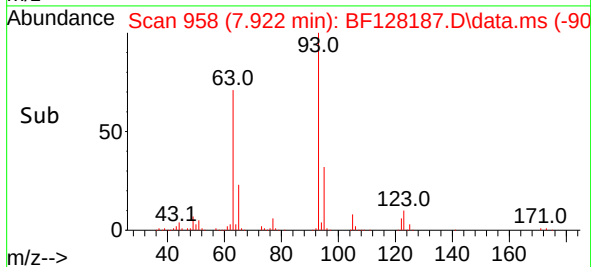
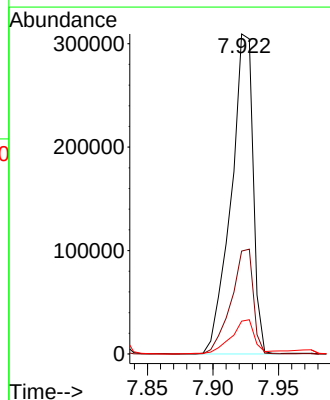
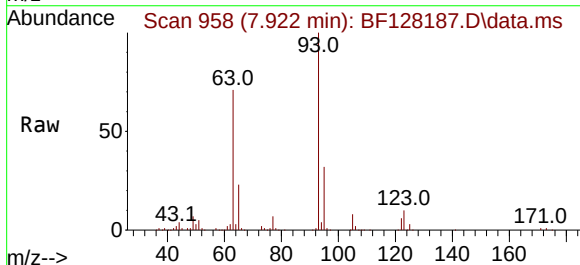
Tgt Ion: 93 Resp: 362093

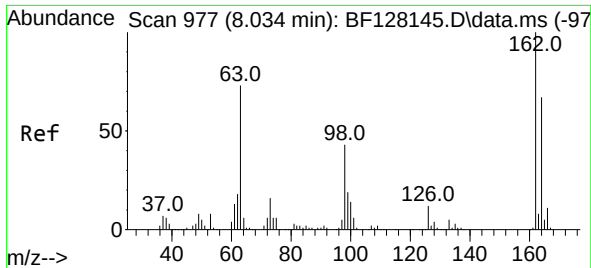
Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

123 10.3 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 44.875 ng

RT: 8.039 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

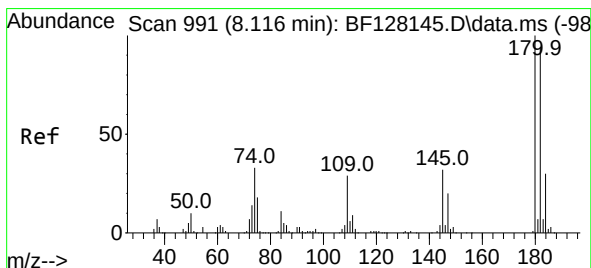
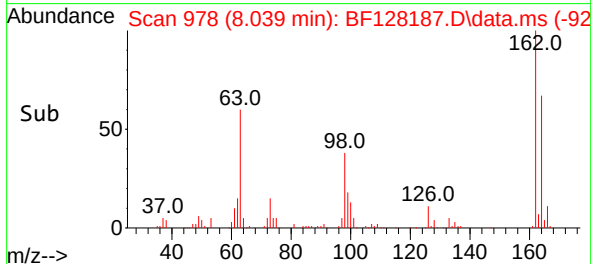
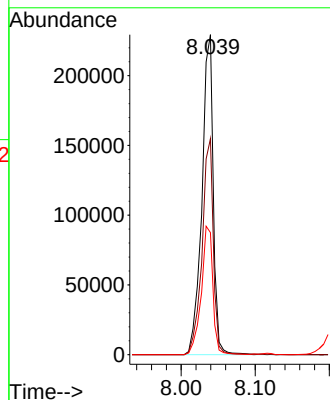
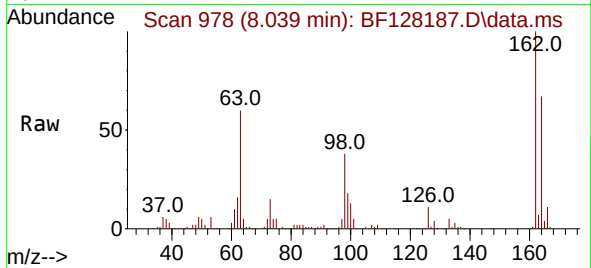
Tgt Ion:162 Resp: 244333

Ion Ratio Lower Upper

162 100

164 67.5 47.1 87.1

98 38.2 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 44.500 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

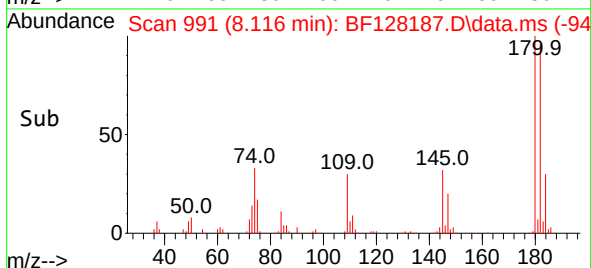
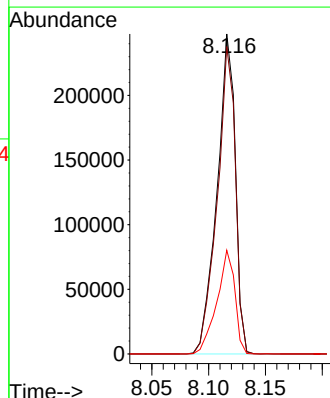
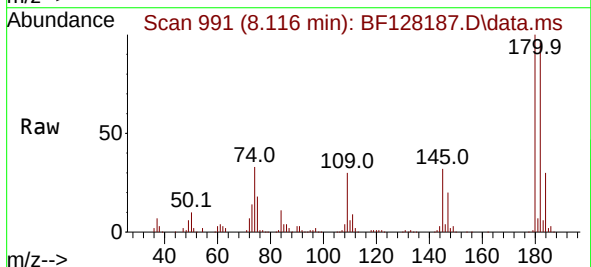
Tgt Ion:180 Resp: 277690

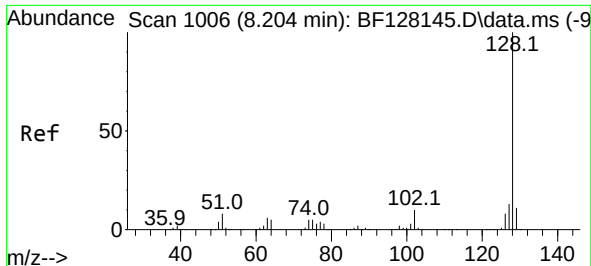
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.4 25.1 37.7

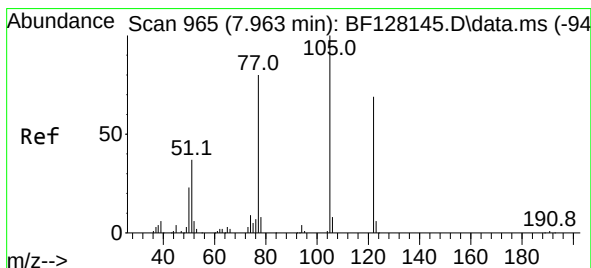
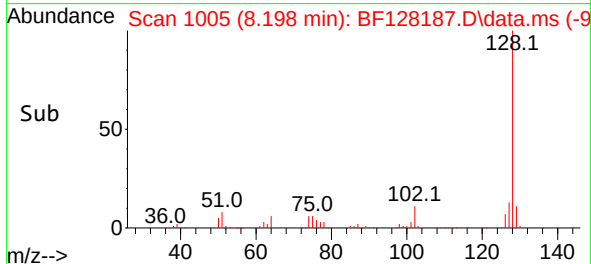
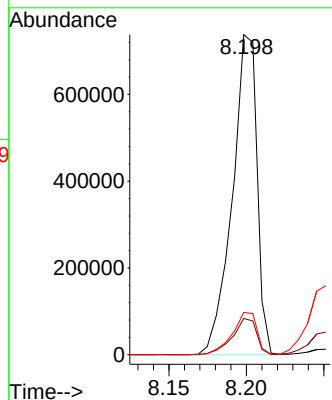
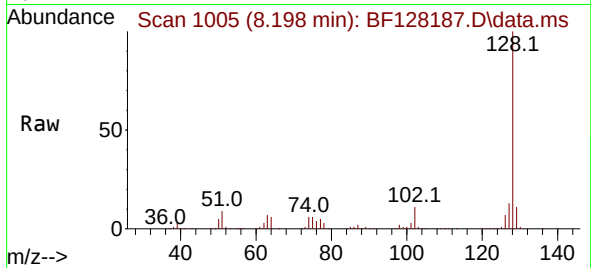




#31
Naphthalene
Concen: 44.433 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

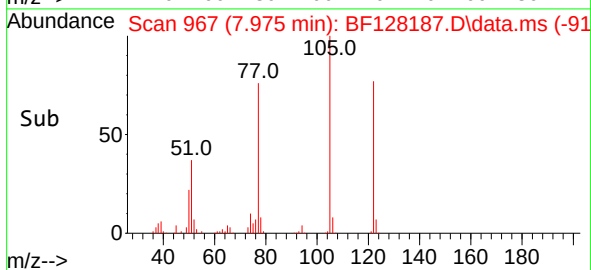
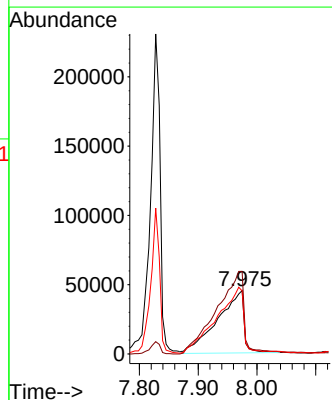
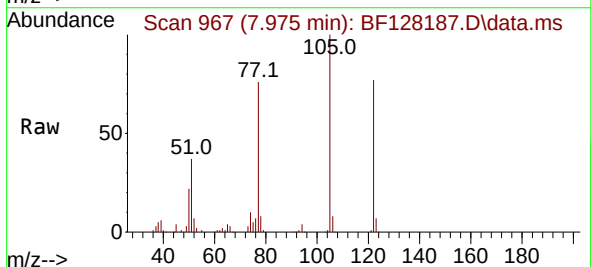
Instrument :
BNA_F
ClientSampleId :
PB144720BS

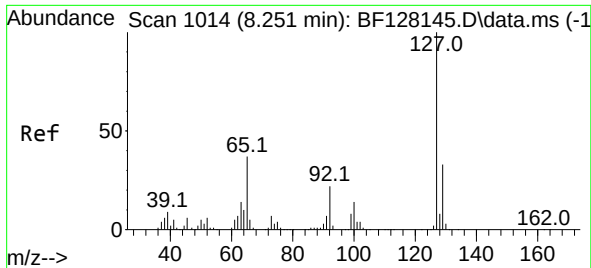
Tgt Ion:128 Resp: 818659
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 36.521 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.012 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:122 Resp: 141448
Ion Ratio Lower Upper
122 100
105 130.3 107.9 147.9
77 99.6 82.5 122.5

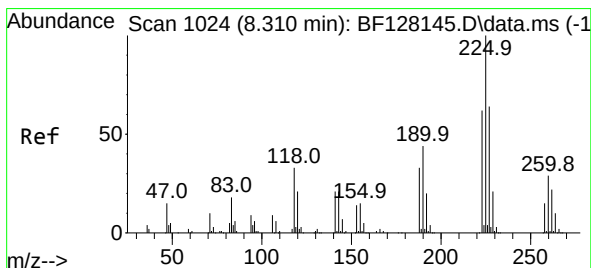
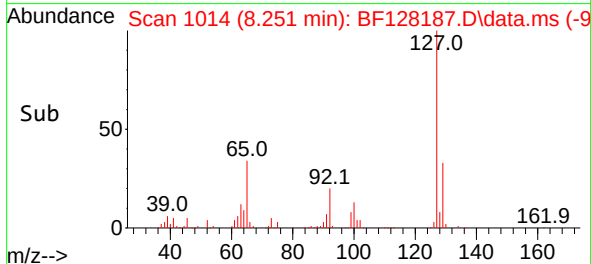
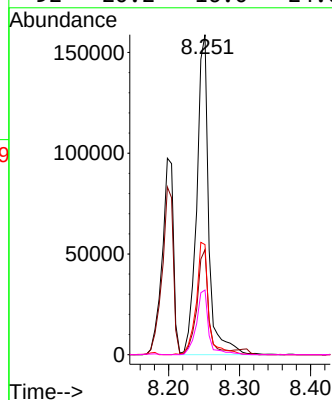
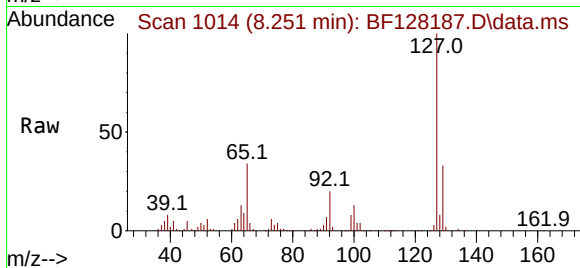




#33
4-Chloroaniline
Concen: 25.639 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

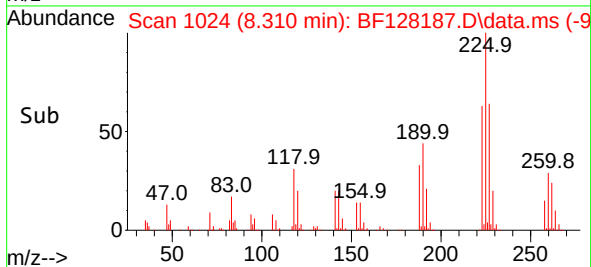
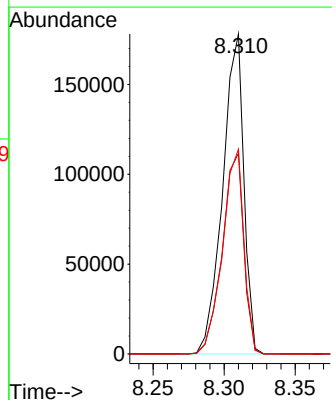
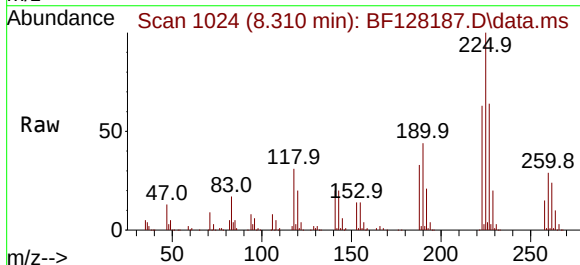
Instrument :
BNA_F
ClientSampleId :
PB144720BS

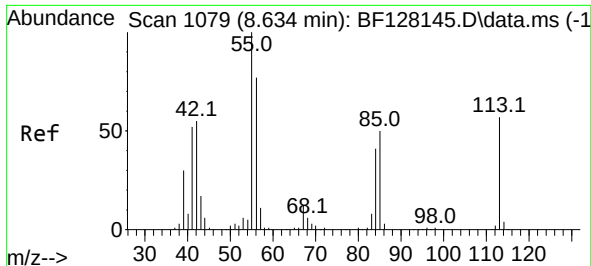
Tgt Ion:	127	Resp:	187527
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	34.4	26.7	40.1
92	20.2	16.0	24.0



#34
Hexachlorobutadiene
Concen: 43.921 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:	225	Resp:	184037
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.0	78.0
227	64.0	50.7	76.1

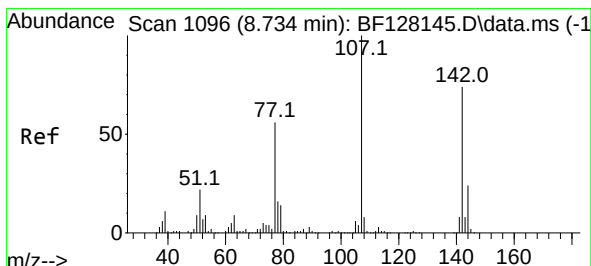
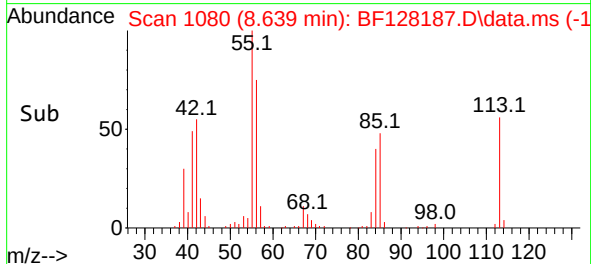
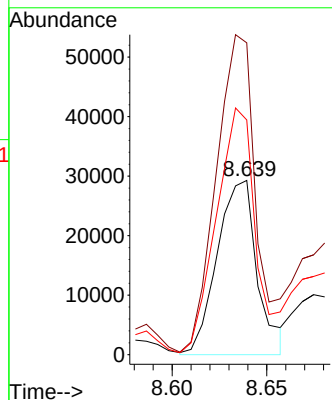
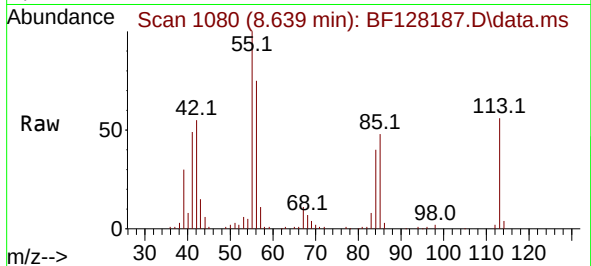




#35
 Caprolactam
 Concen: 24.157 ng
 RT: 8.639 min Scan# 1079
 Delta R.T. 0.006 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

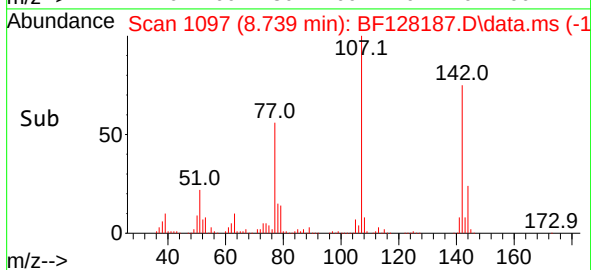
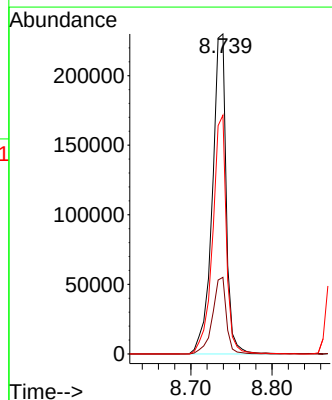
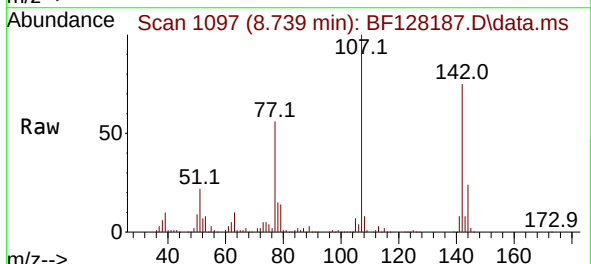
Instrument :
 BNA_F
 ClientSampleId :
 PB144720BS

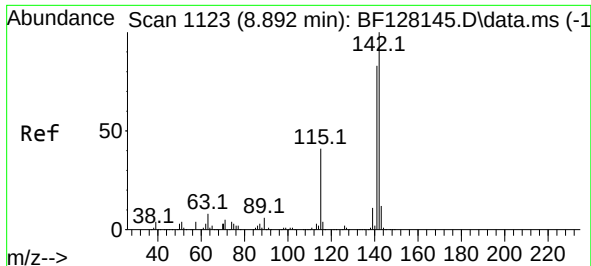
Tgt Ion:113 Resp: 42935
 Ion Ratio Lower Upper
 113 100
 55 179.0 157.4 197.4
 56 134.7 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.900 ng
 RT: 8.739 min Scan# 1097
 Delta R.T. 0.006 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

Tgt Ion:107 Resp: 273158
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.2 30.4
 142 74.6 61.5 92.3





#37

2-Methylnaphthalene

Concen: 44.452 ng

RT: 8.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

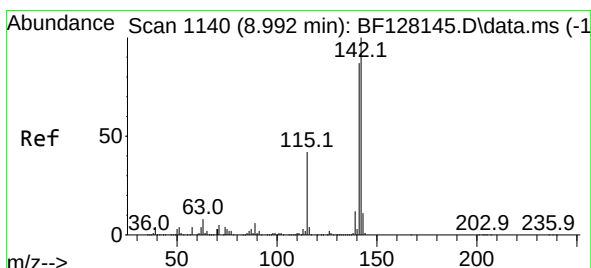
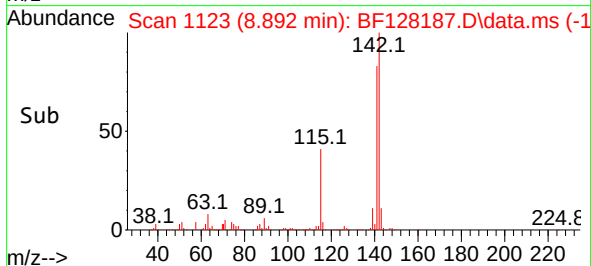
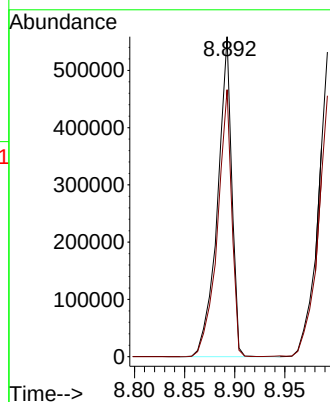
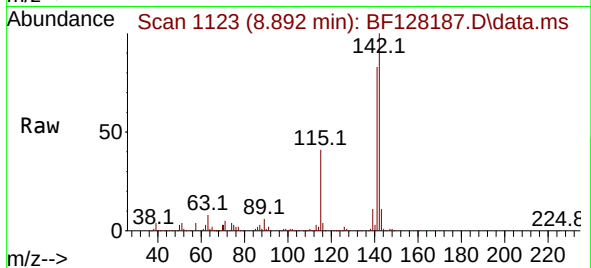
PB144720BS

Tgt Ion:142 Resp: 552181

Ion Ratio Lower Upper

142 100

141 83.5 67.4 101.2



#38

1-Methylnaphthalene

Concen: 43.872 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF128187.D

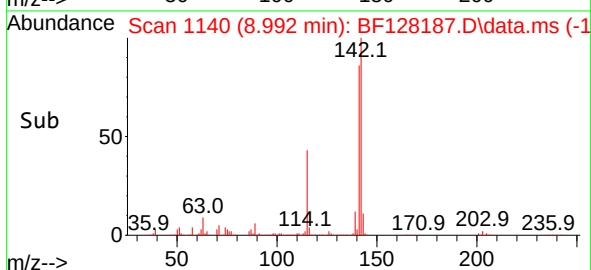
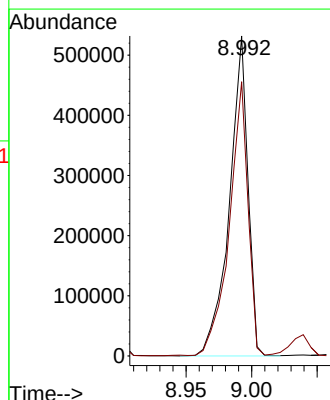
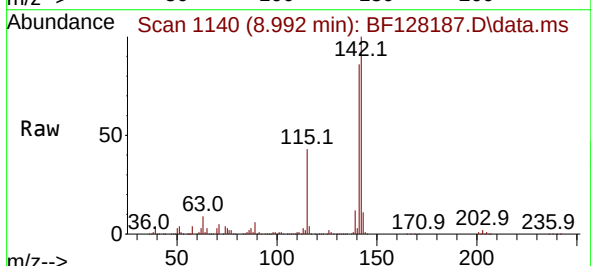
Acq: 11 May 2022 11:04

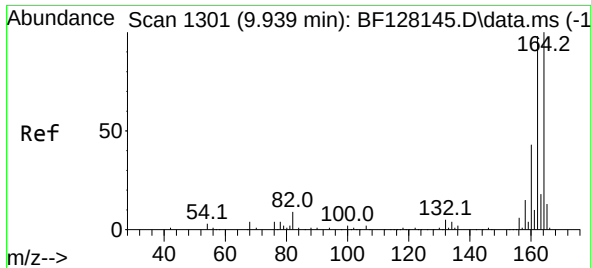
Tgt Ion:142 Resp: 523416

Ion Ratio Lower Upper

142 100

141 85.7 70.1 105.1

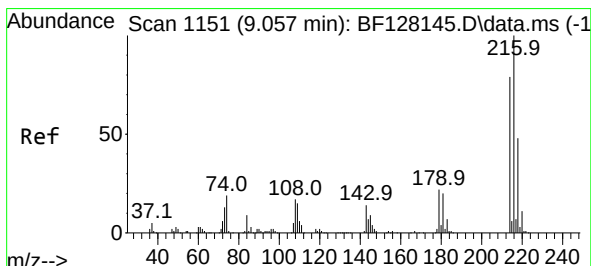
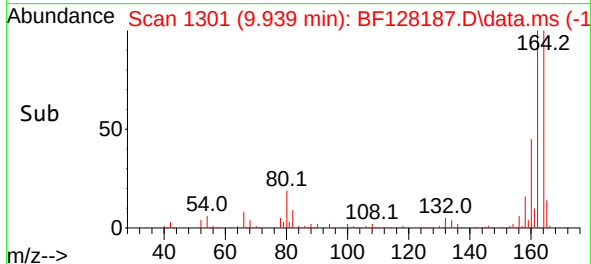
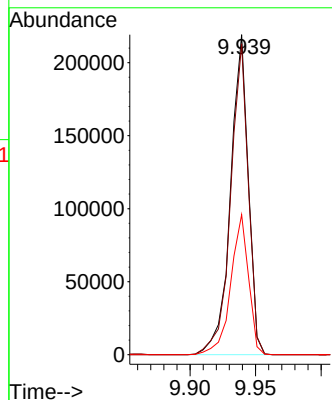
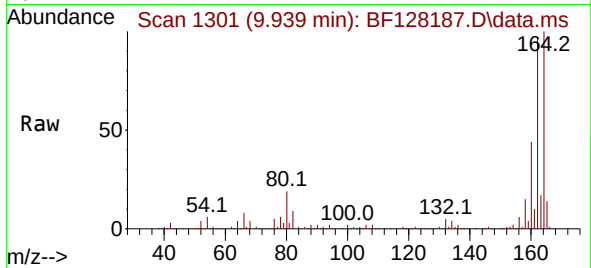




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

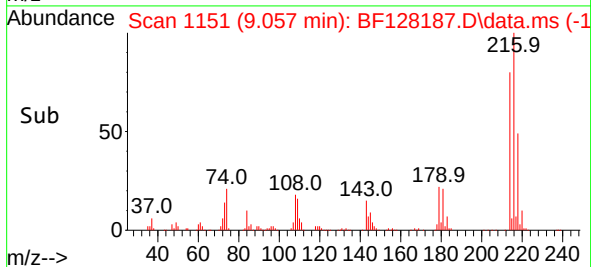
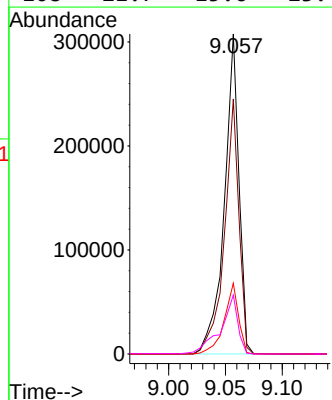
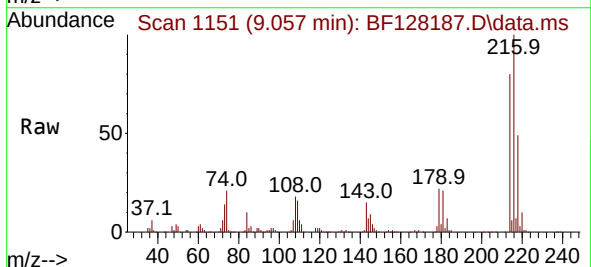
Instrument :
BNA_F
ClientSampleId :
PB144720BS

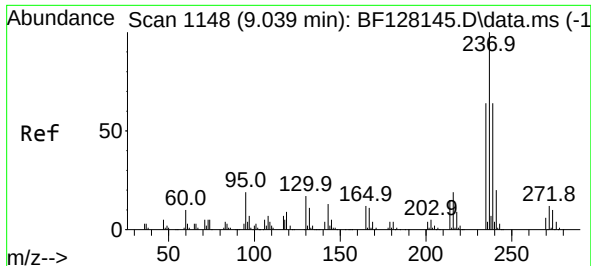
Tgt Ion:164 Resp: 207198
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 43.8 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.109 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:216 Resp: 275701
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 21.7 16.9 25.3
108 21.7 15.6 23.4

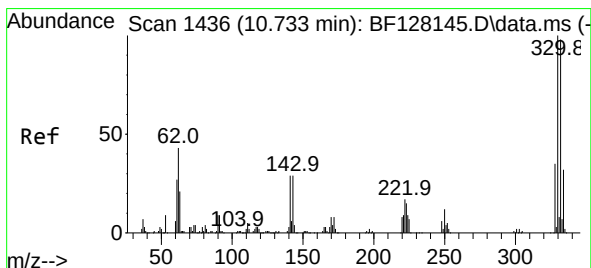
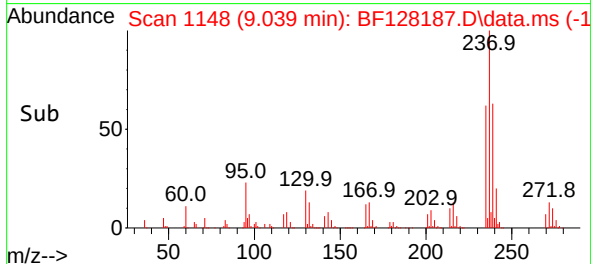
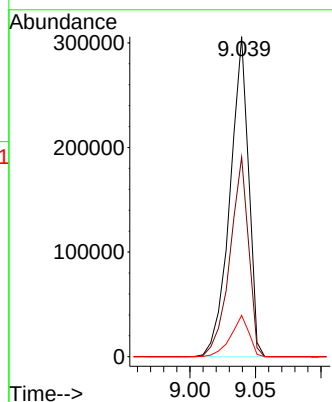
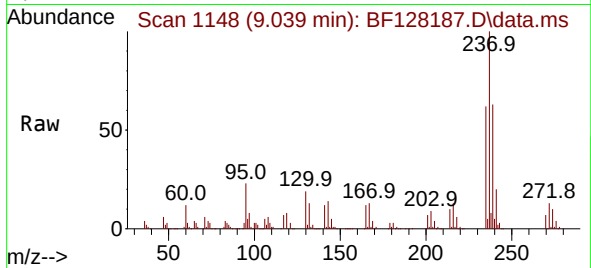




#41
Hexachlorocyclopentadiene
Concen: 106.456 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

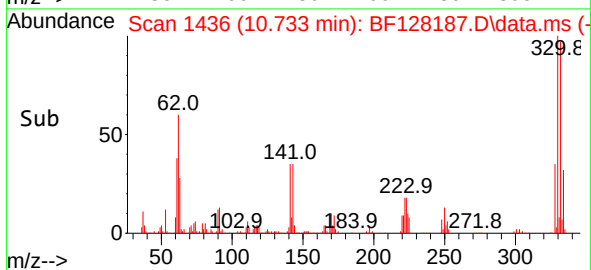
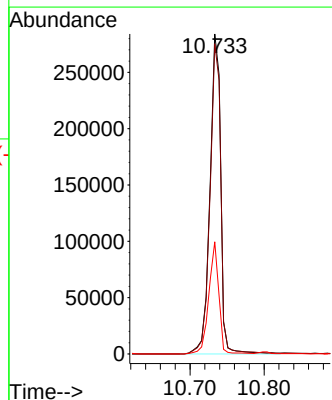
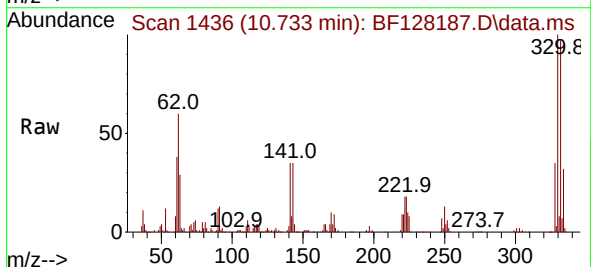
Instrument :
BNA_F
ClientSampleId :
PB144720BS

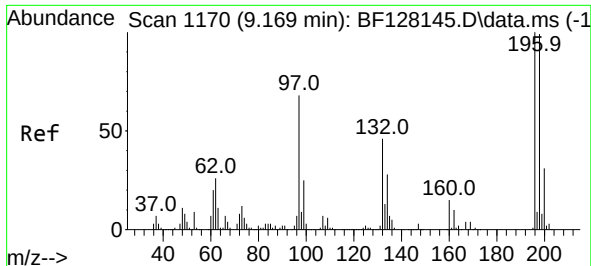
Tgt Ion: 237 Resp: 302431
Ion Ratio Lower Upper
237 100
235 62.4 43.6 83.6
272 12.9 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 120.854 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion: 330 Resp: 287187
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 32.8 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 45.745 ng

RT: 9.175 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

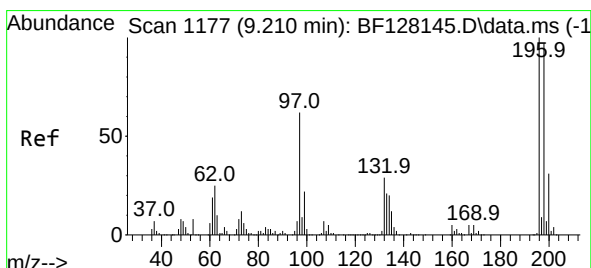
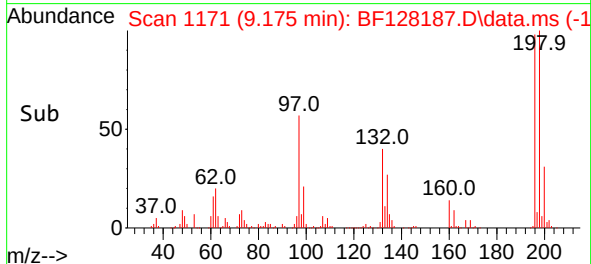
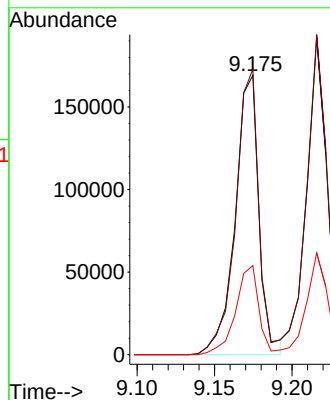
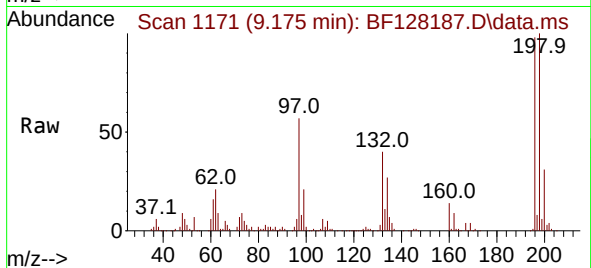
Tgt Ion:196 Resp: 180127

Ion Ratio Lower Upper

196 100

198 102.2 80.4 120.6

200 31.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.291 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Tgt Ion:196 Resp: 181758

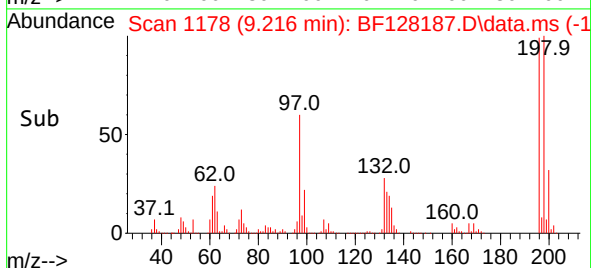
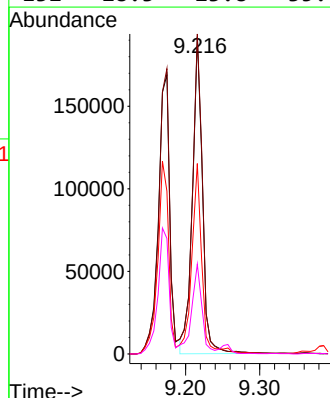
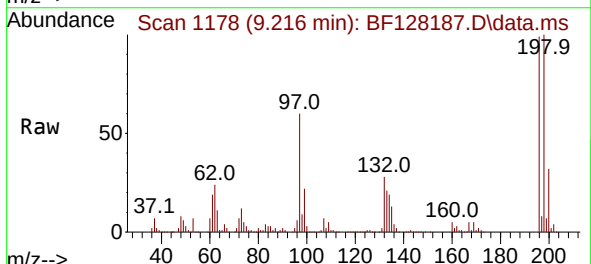
Ion Ratio Lower Upper

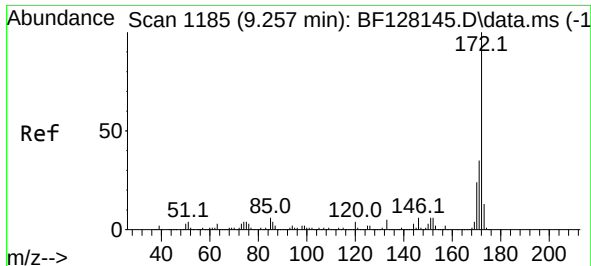
196 100

198 100.9 80.2 120.2

97 60.0 50.3 75.5

132 28.3 23.8 35.6

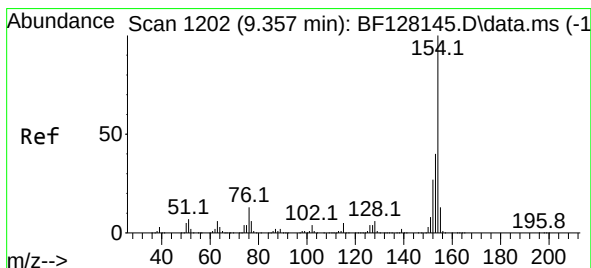
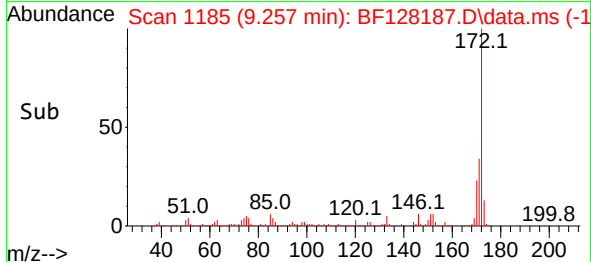
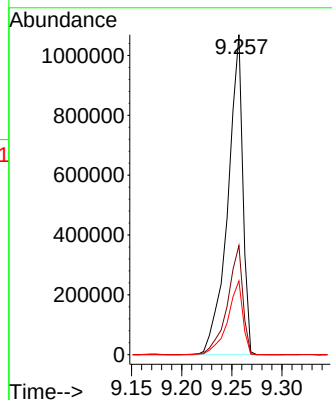
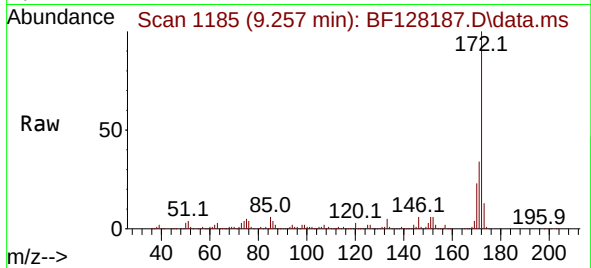




#45
2-Fluorobiphenyl
Concen: 83.892 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

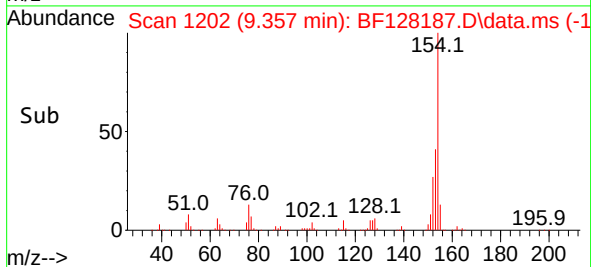
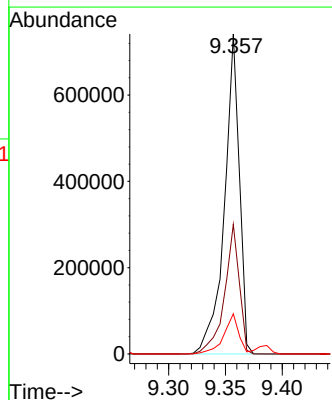
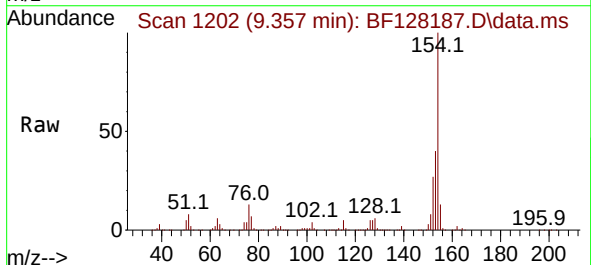
Instrument :
BNA_F
ClientSampleId :
PB144720BS

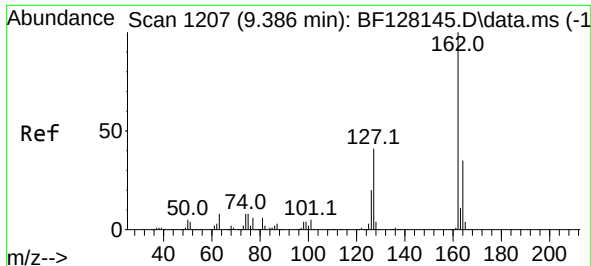
Tgt Ion:172 Resp: 1110902
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 23.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.978 ng
RT: 9.357 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:154 Resp: 678451
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.6 0.0 33.2





#47

2-Chloronaphthalene

Concen: 44.684 ng

RT: 9.386 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

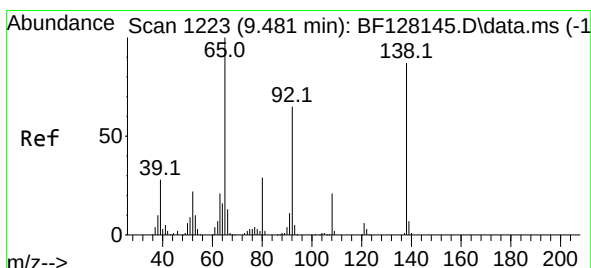
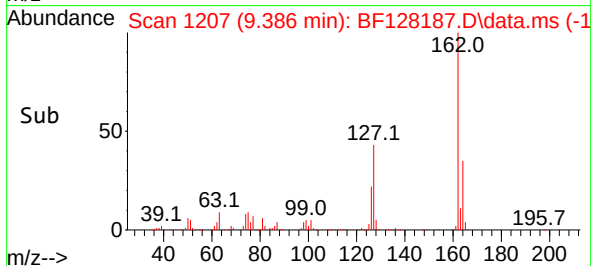
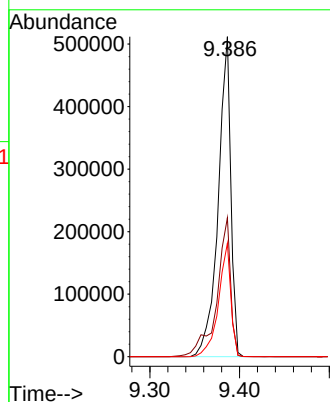
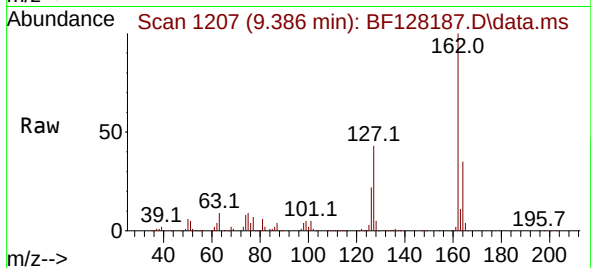
Tgt Ion:162 Resp: 499569

Ion Ratio Lower Upper

162 100

127 43.4 32.9 49.3

164 35.5 28.2 42.2



#48

2-Nitroaniline

Concen: 45.930 ng

RT: 9.486 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

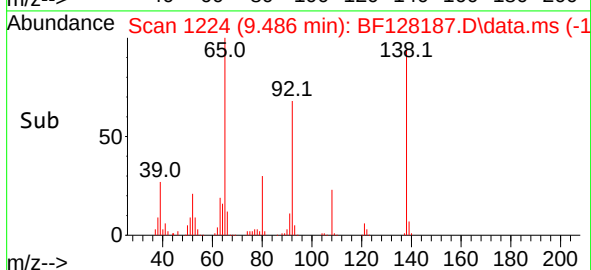
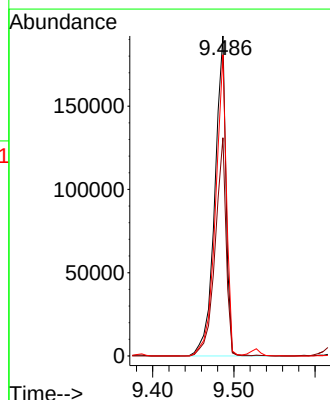
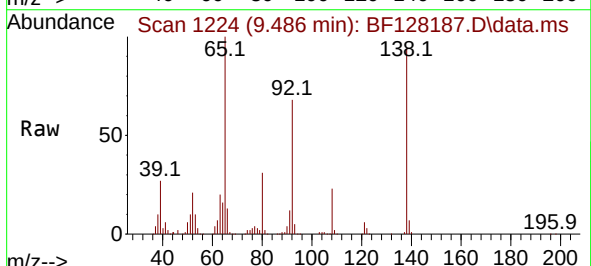
Tgt Ion: 65 Resp: 184099

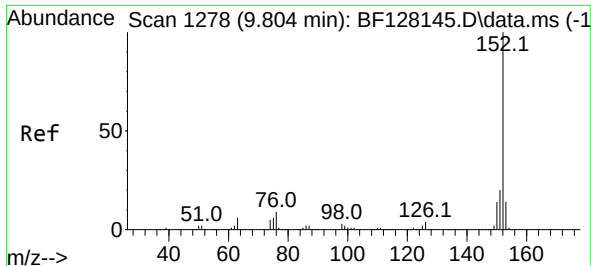
Ion Ratio Lower Upper

65 100

92 68.2 53.7 80.5

138 94.2 76.4 114.6





#49

Acenaphthylene

Concen: 47.377 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

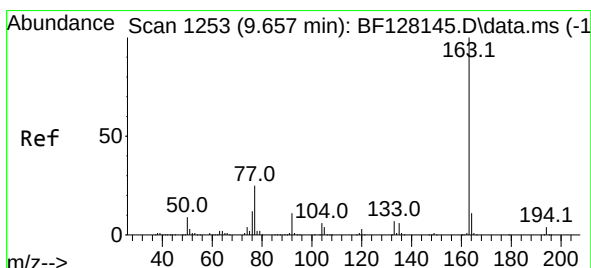
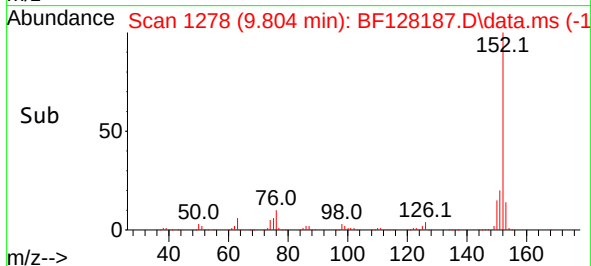
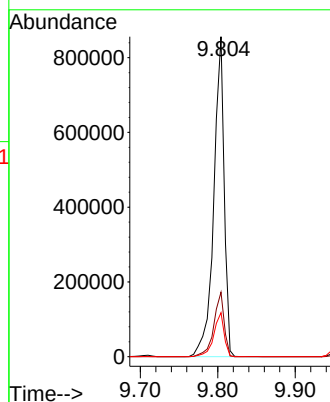
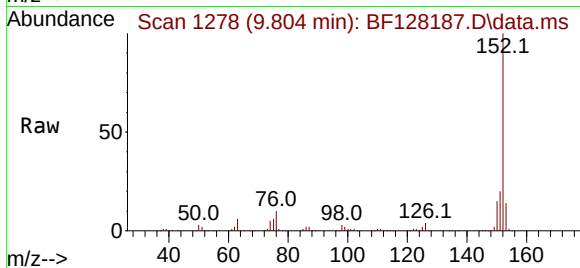
Tgt Ion:152 Resp: 801148

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.8 11.2 16.8



#50

Dimethylphthalate

Concen: 45.116 ng

RT: 9.663 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

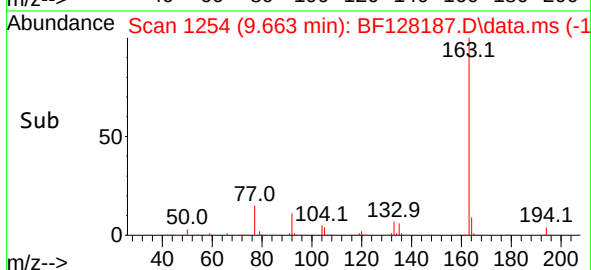
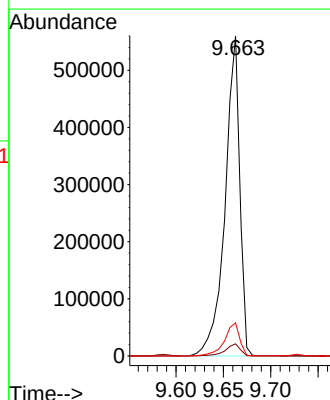
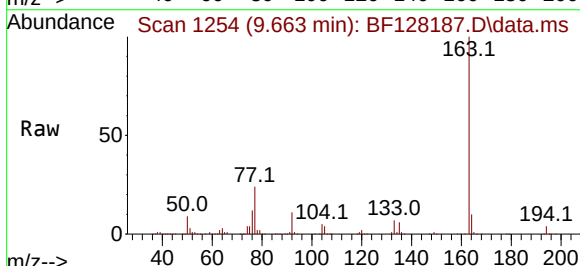
Tgt Ion:163 Resp: 603245

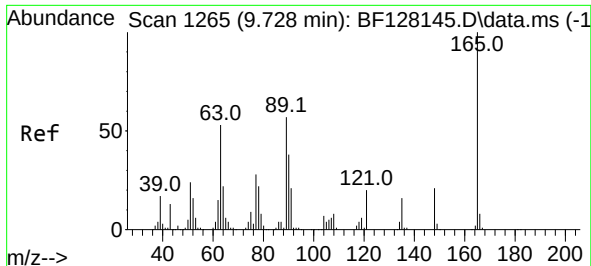
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 47.027 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

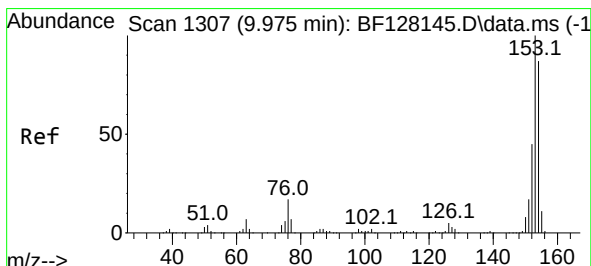
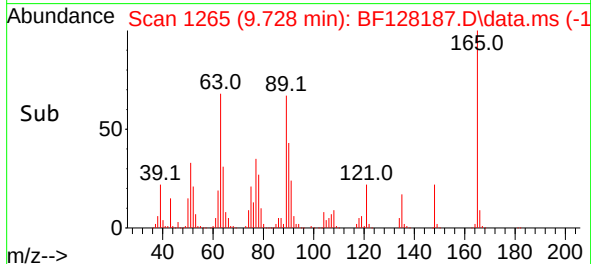
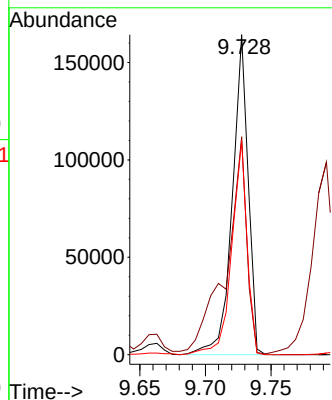
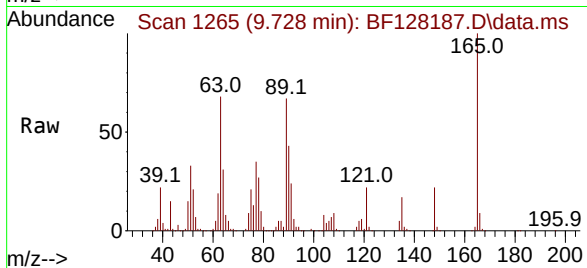
Tgt Ion:165 Resp: 137932

Ion Ratio Lower Upper

165 100

63 68.1 49.5 74.3

89 67.0 49.0 73.4



#52

Acenaphthene

Concen: 40.690 ng

RT: 9.975 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

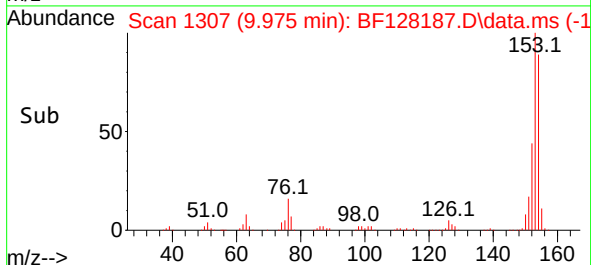
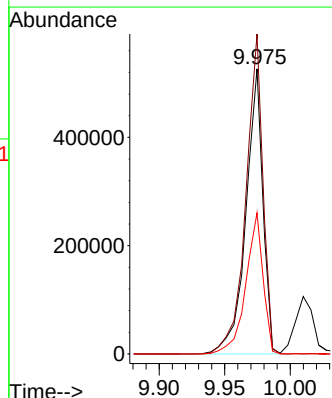
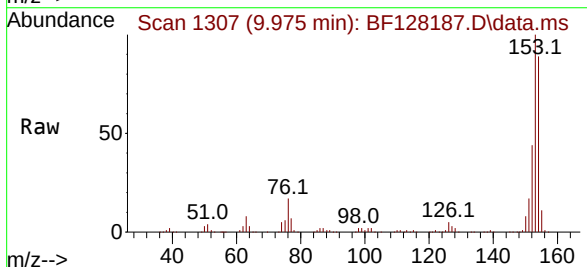
Tgt Ion:154 Resp: 477071

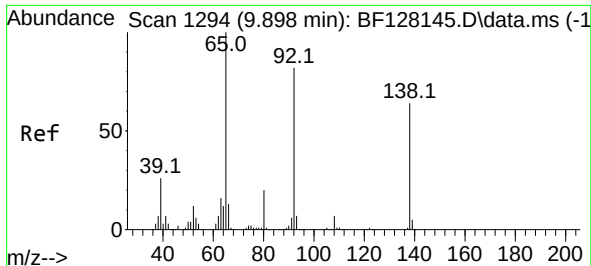
Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

152 49.5 41.0 61.6

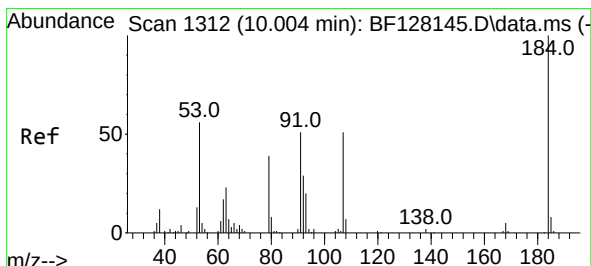
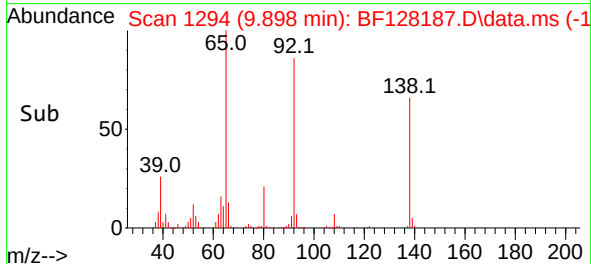
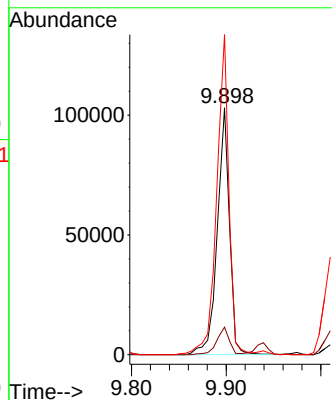
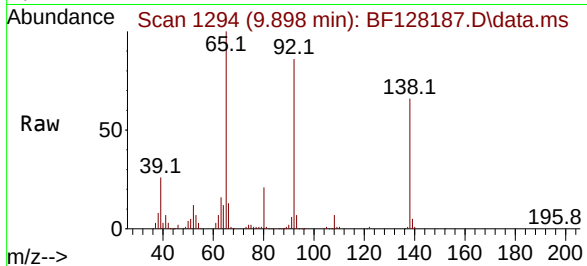




#53
3-Nitroaniline
Concen: 28.976 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

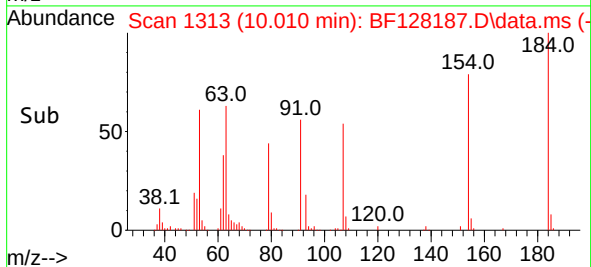
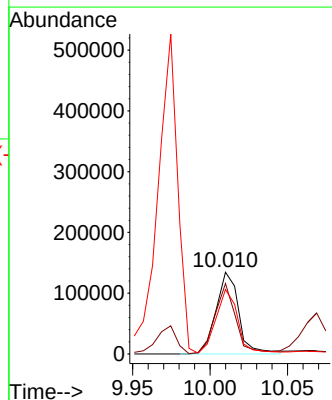
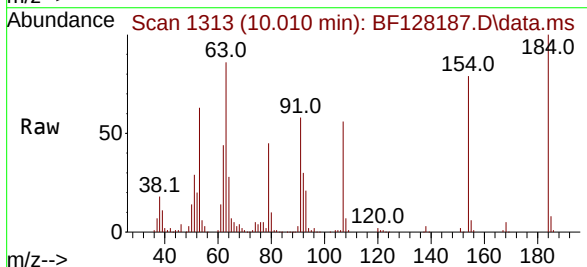
Instrument :
BNA_F
ClientSampleId :
PB144720BS

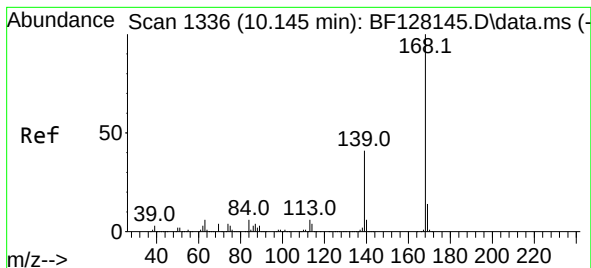
Tgt Ion:138 Resp: 92136
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 129.6 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 84.649 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:184 Resp: 137353
Ion Ratio Lower Upper
184 100
63 86.0 50.0 75.0#
154 78.8 51.7 77.5#

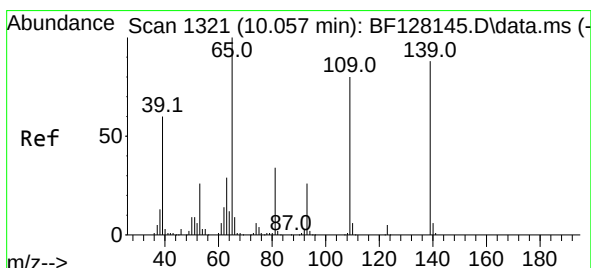
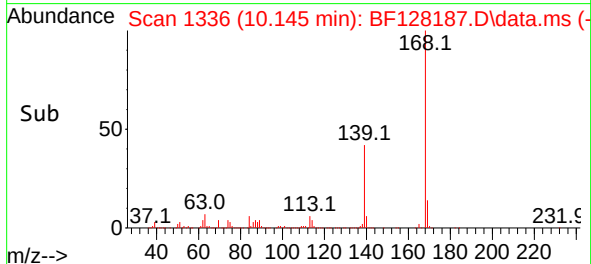
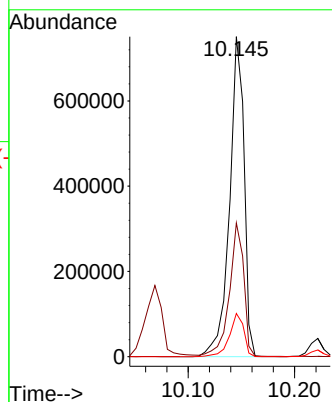
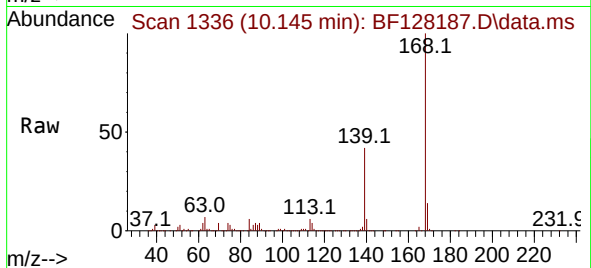




#55
Dibenzenofuran
Concen: 42.801 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

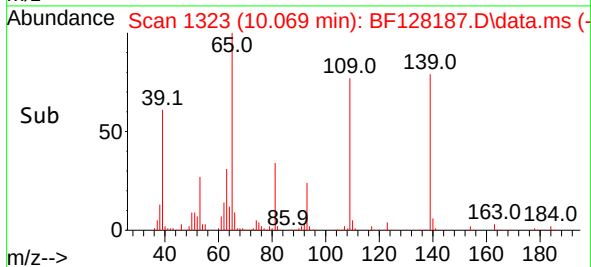
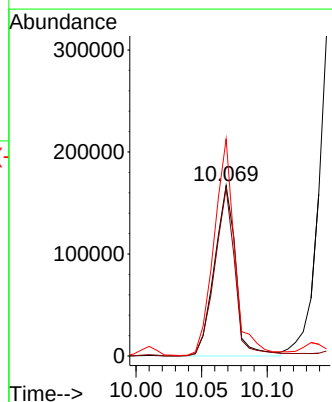
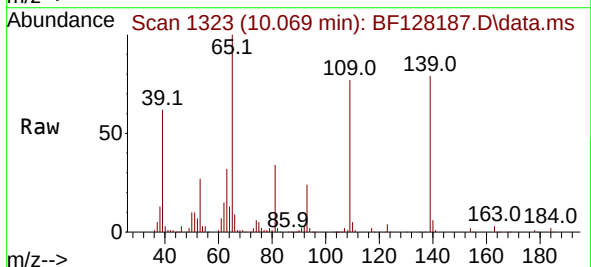
Instrument :
BNA_F
ClientSampleId :
PB144720BS

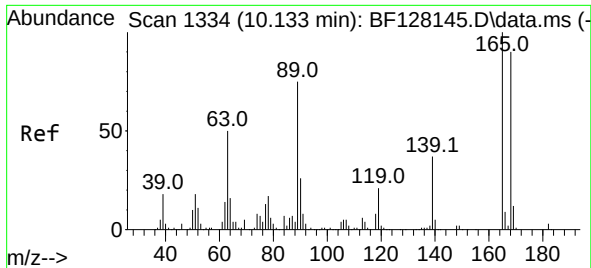
Tgt Ion:168 Resp: 712501
Ion Ratio Lower Upper
168 100
139 41.8 31.7 47.5
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 84.492 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:139 Resp: 187729
Ion Ratio Lower Upper
139 100
109 98.5 61.9 101.9
65 127.3 93.5 133.5

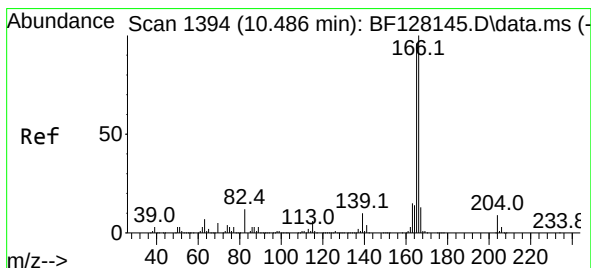
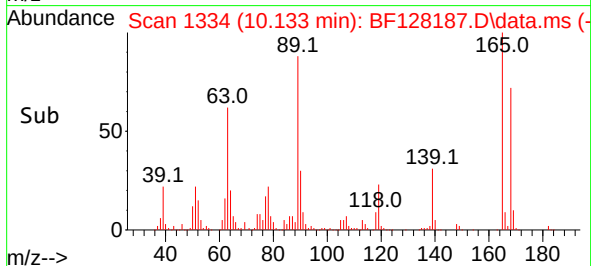
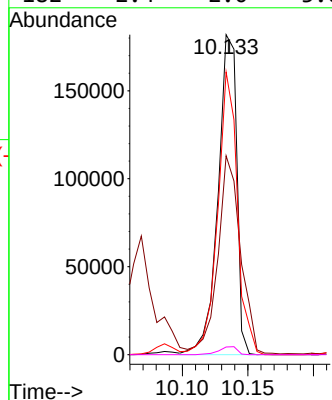
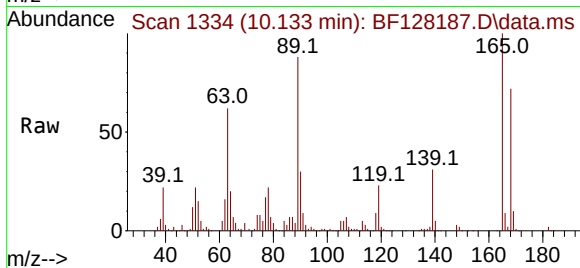




#57
2,4-Dinitrotoluene
Concen: 46.049 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

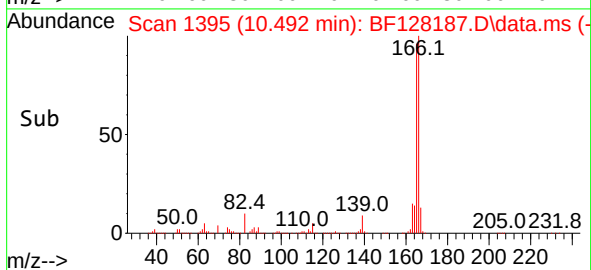
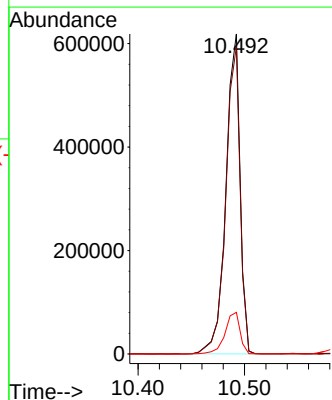
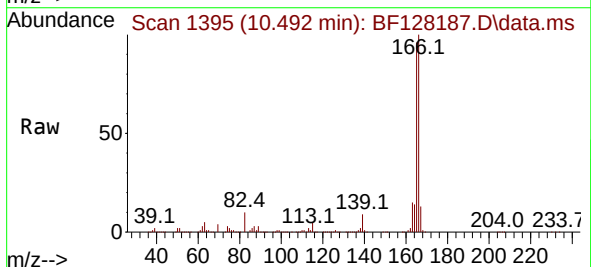
Instrument :
BNA_F
ClientSampleId :
PB144720BS

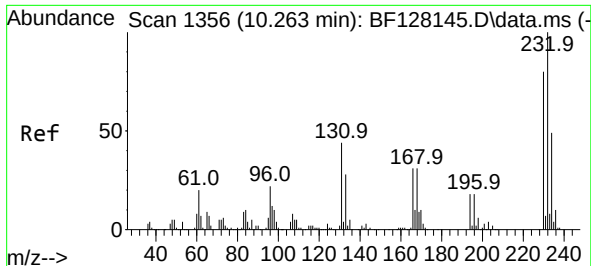
Tgt Ion:165 Resp: 180603
Ion Ratio Lower Upper
165 100
63 62.1 32.6 49.0#
89 88.4 55.2 82.8#
182 2.4 2.0 3.0



#58
Fluorene
Concen: 44.094 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:166 Resp: 571742
Ion Ratio Lower Upper
166 100
165 96.0 78.6 117.8
167 13.0 10.5 15.7

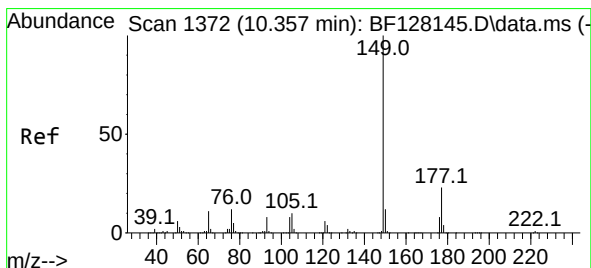
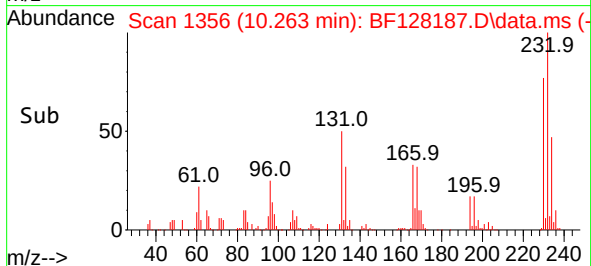
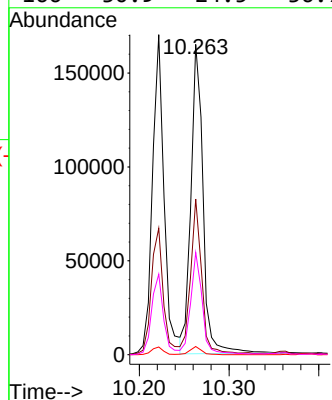
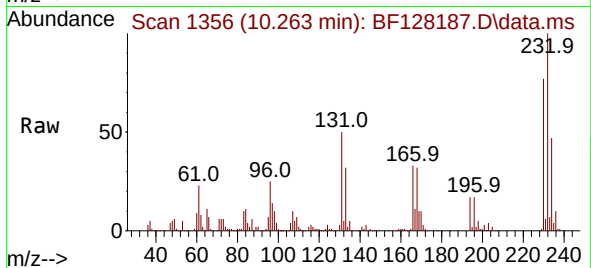




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.090 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

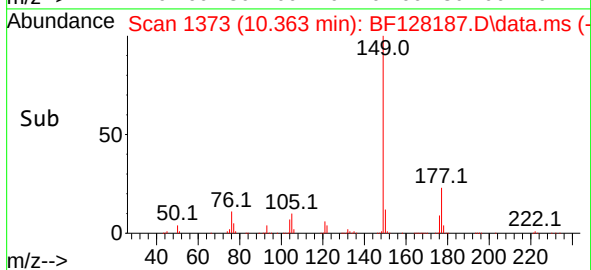
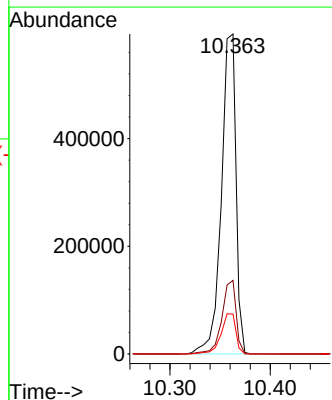
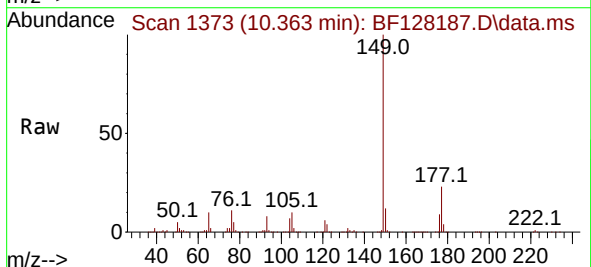
Instrument :
BNA_F
ClientSampleId :
PB144720BS

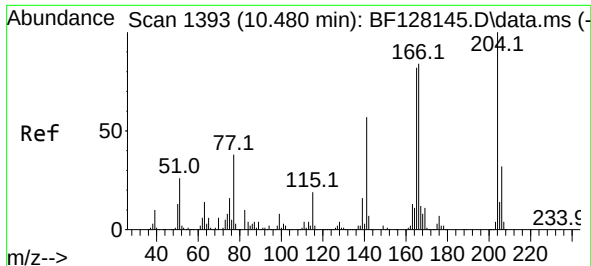
Tgt Ion:232 Resp: 154611
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.5 1.9 2.9
166 30.9 24.5 36.7



#60
Diethylphthalate
Concen: 45.078 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:149 Resp: 601350
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 12.5 10.2 15.2

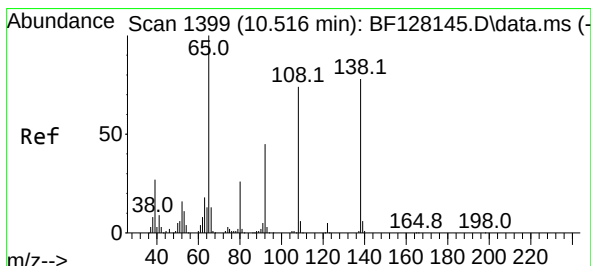
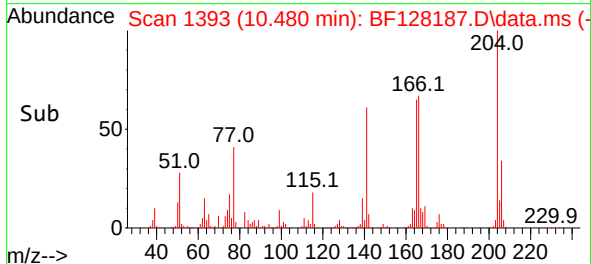
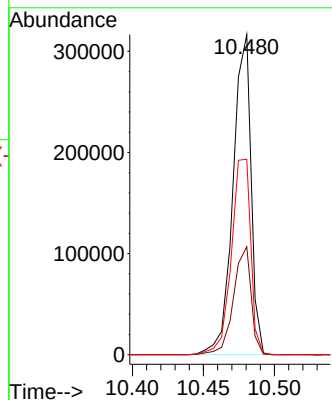
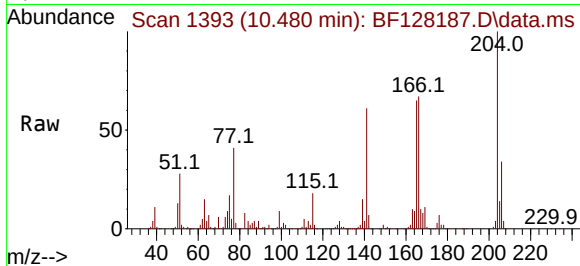




#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 10.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

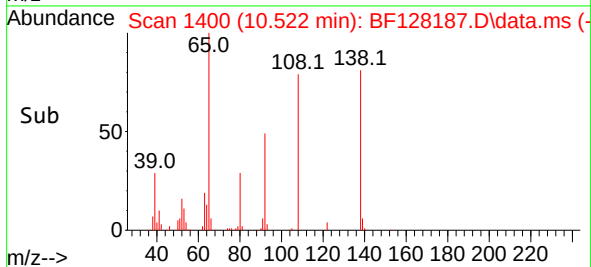
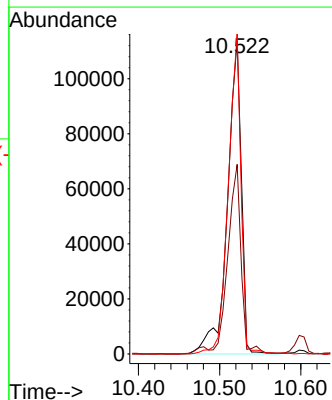
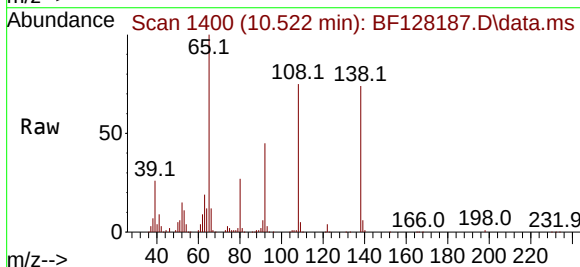
Instrument :
BNA_F
ClientSampleId :
PB144720BS

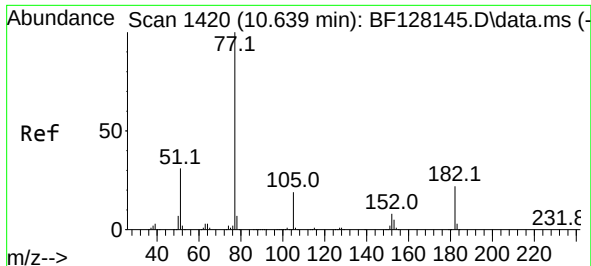
Tgt Ion:204 Resp: 279939
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 61.1 48.7 73.1



#62
4-Nitroaniline
Concen: 42.151 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:138 Resp: 135875
Ion Ratio Lower Upper
138 100
92 60.5 37.4 77.4
108 102.0 68.4 108.4

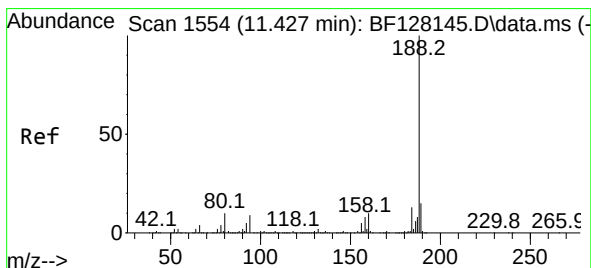
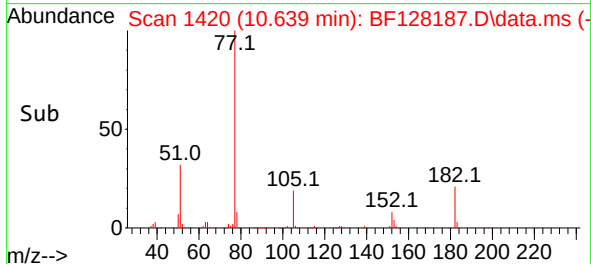
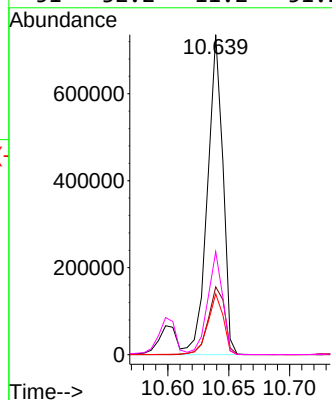
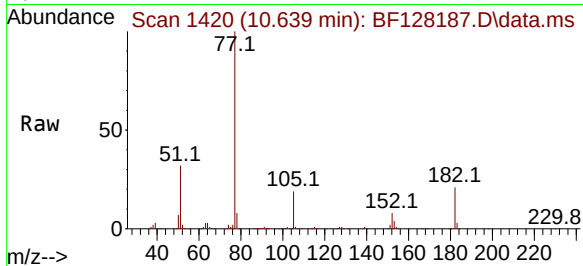




#63
Azobenzene
Concen: 44.084 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

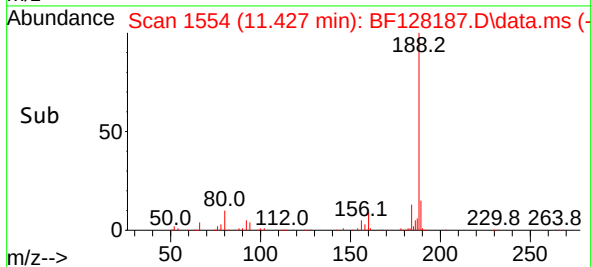
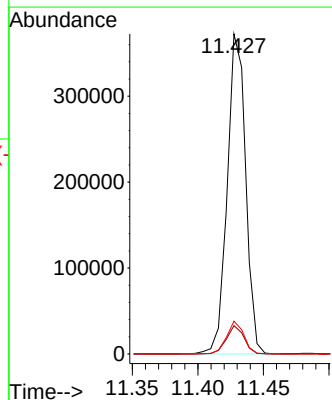
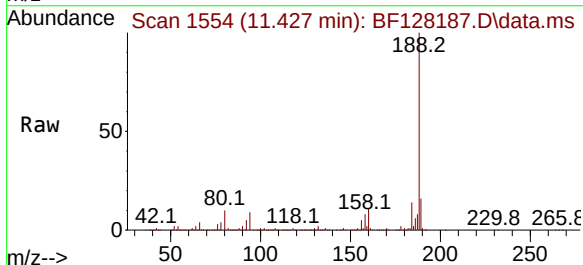
Instrument :
BNA_F
ClientSampleId :
PB144720BS

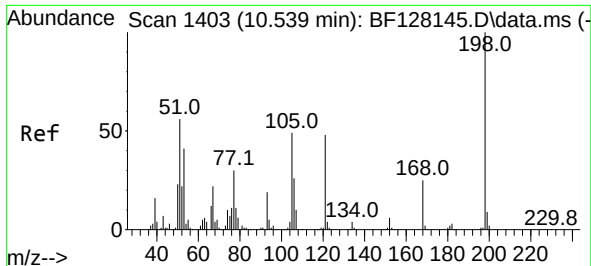
Tgt Ion: 77	Resp: 643982
Ion Ratio	Lower Upper
77 100	
182 21.2	1.2 41.2
105 19.0	0.0 39.8
51 32.2	11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:188	Resp: 363471
Ion Ratio	Lower Upper
188 100	
94 8.8	8.0 12.0
80 10.2	8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 43.520 ng

RT: 10.545 min Scan# 1403

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

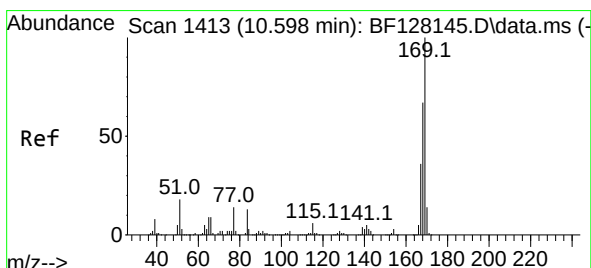
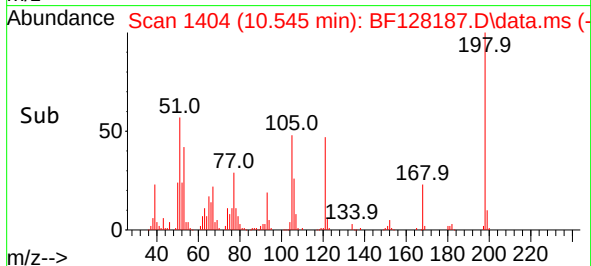
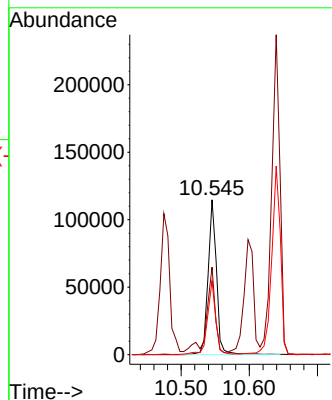
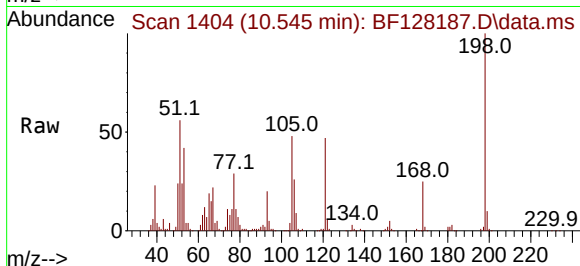
Tgt Ion:198 Resp: 98999

Ion Ratio Lower Upper

198 100

51 56.5 28.4 68.4

105 47.7 23.4 63.4



#66

n-Nitrosodiphenylamine

Concen: 47.733 ng

RT: 10.604 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

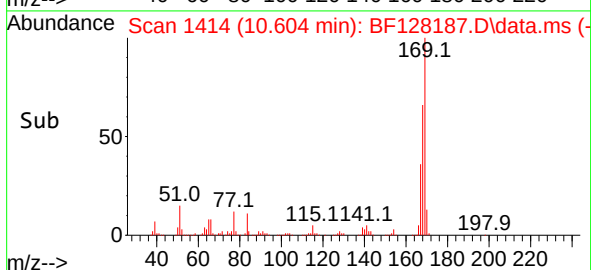
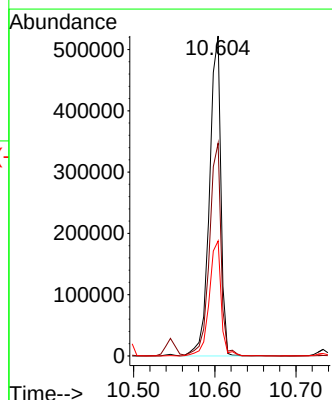
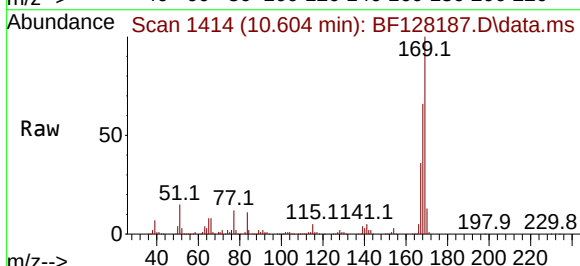
Tgt Ion:169 Resp: 505636

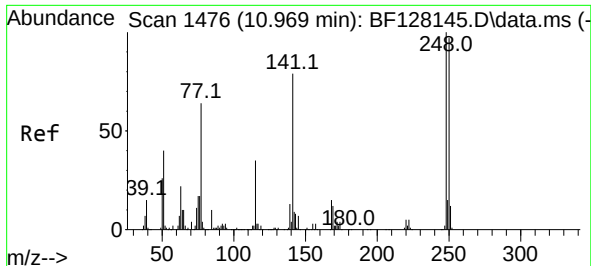
Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

167 36.0 29.5 44.3

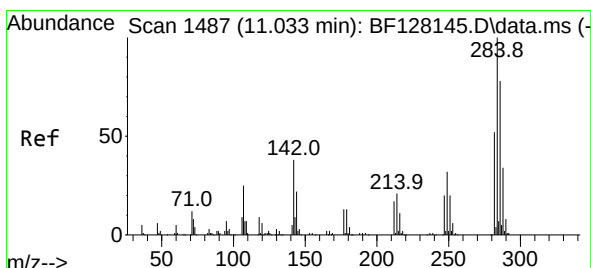
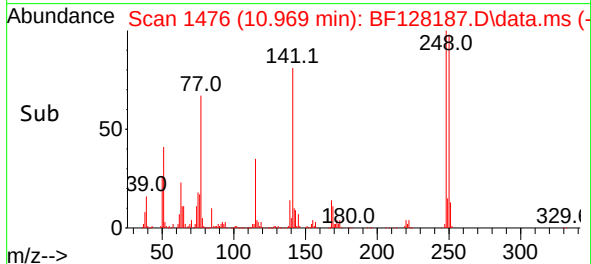
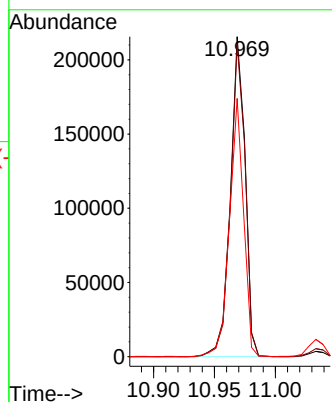
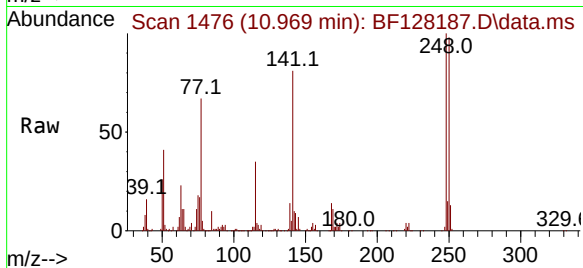




#67
4-Bromophenyl-phenylether
Concen: 46.478 ng
RT: 10.969 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

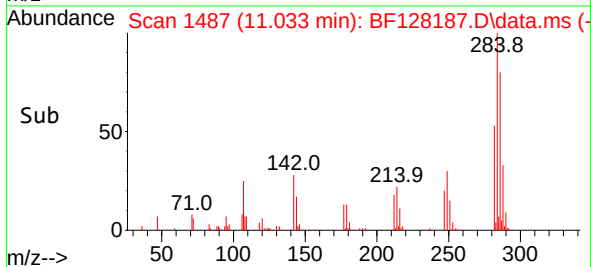
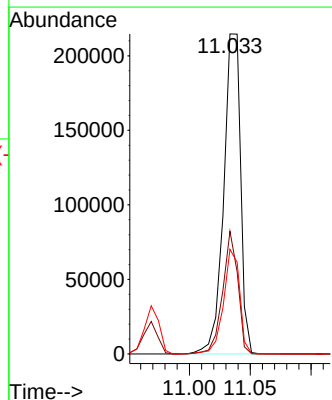
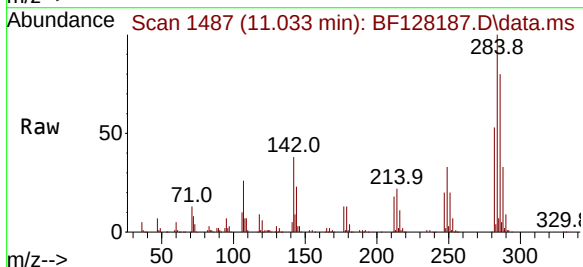
Instrument :
BNA_F
ClientSampleId :
PB144720BS

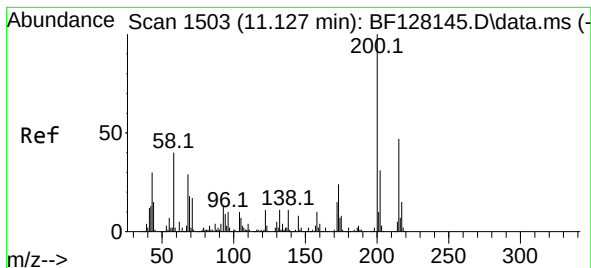
Tgt Ion:248 Resp: 181750
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 80.7 65.6 98.4



#68
Hexachlorobenzene
Concen: 48.698 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:284 Resp: 208307
Ion Ratio Lower Upper
284 100
142 38.3 30.2 45.4
249 32.7 26.1 39.1





#69

Atrazine

Concen: 50.604 ng

RT: 11.127 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

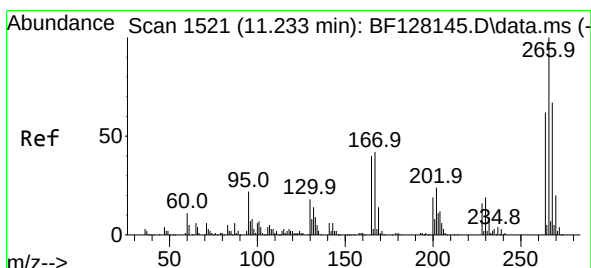
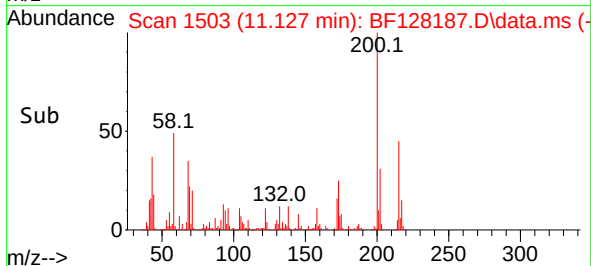
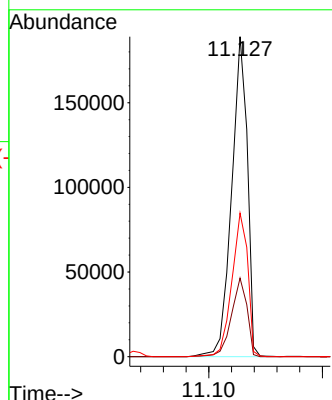
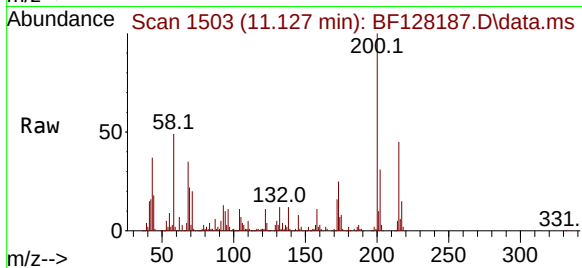
Tgt Ion:200 Resp: 180825

Ion Ratio Lower Upper

200 100

173 24.5 6.0 46.0

215 44.8 28.1 68.1



#70

Pentachlorophenol

Concen: 93.537 ng

RT: 11.233 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

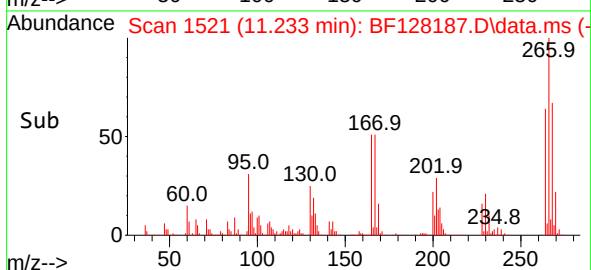
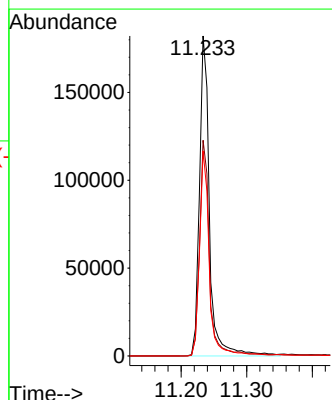
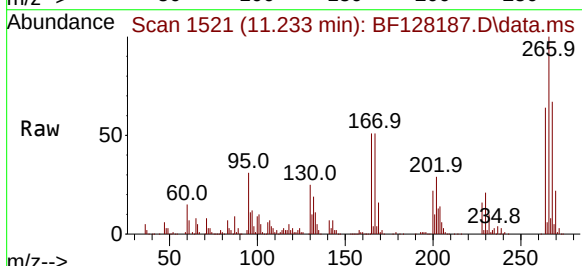
Tgt Ion:266 Resp: 194185

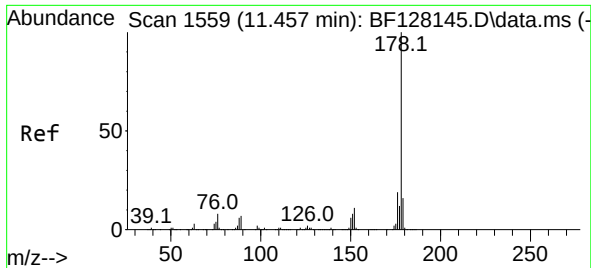
Ion Ratio Lower Upper

266 100

268 67.4 53.0 79.6

264 64.1 53.1 79.7

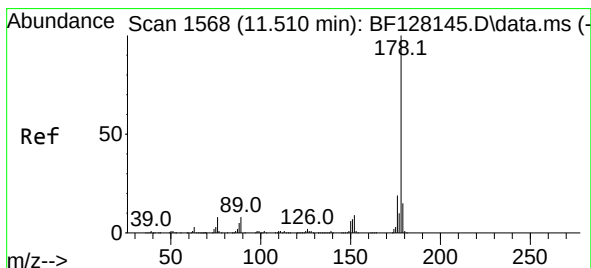
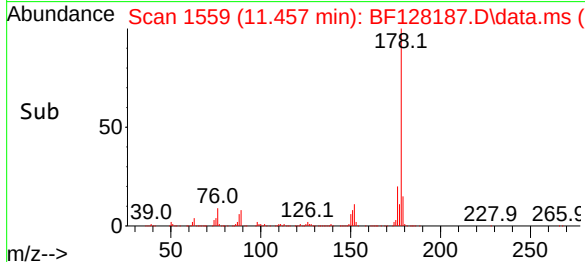
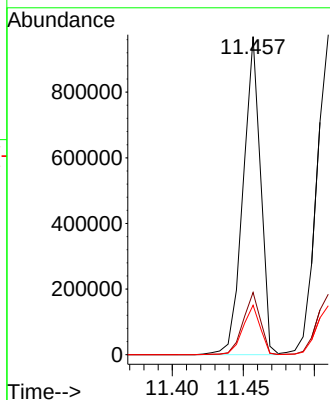
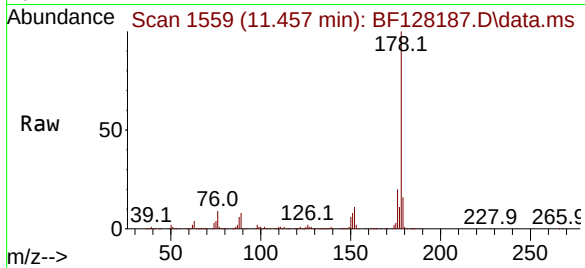




#71
Phenanthrene
Concen: 45.777 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

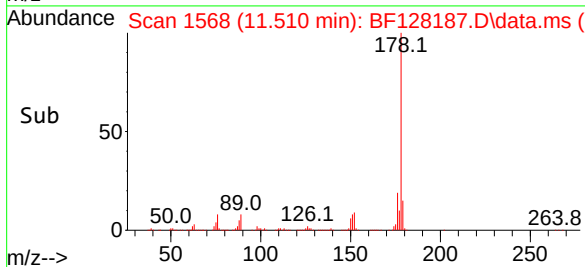
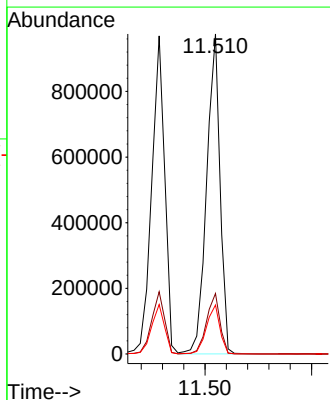
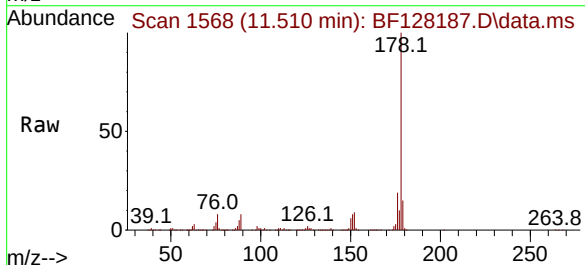
Instrument :
BNA_F
ClientSampleId :
PB144720BS

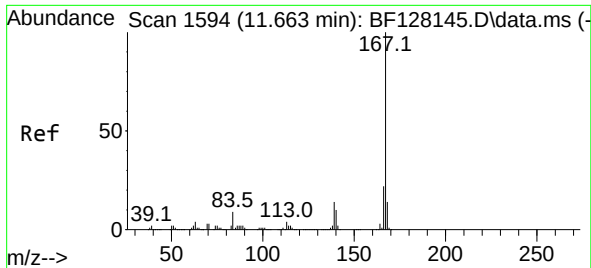
Tgt Ion:178 Resp: 828500
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.5 12.6 19.0



#72
Anthracene
Concen: 47.231 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:178 Resp: 853468
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.3 12.4 18.6

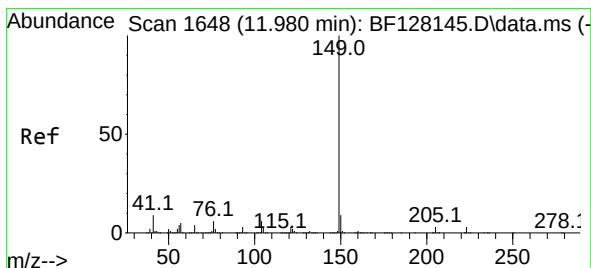
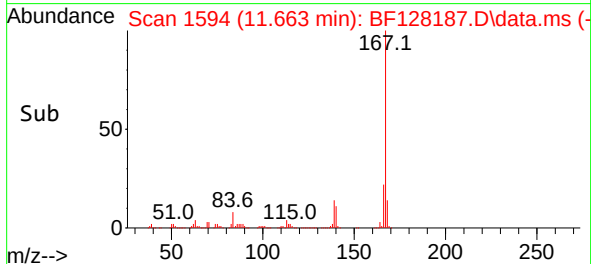
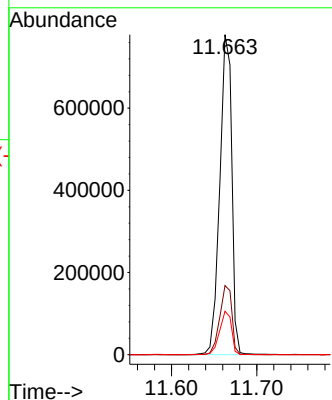
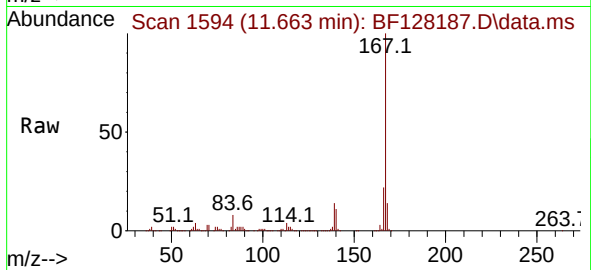




#73
 Carbazole
 Concen: 44.592 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

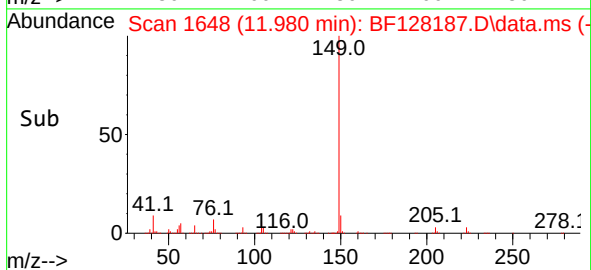
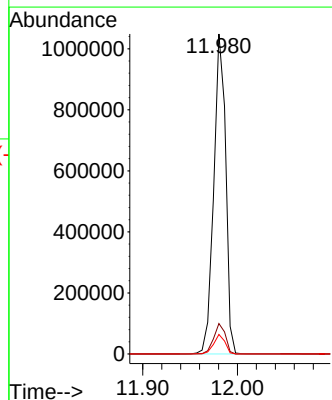
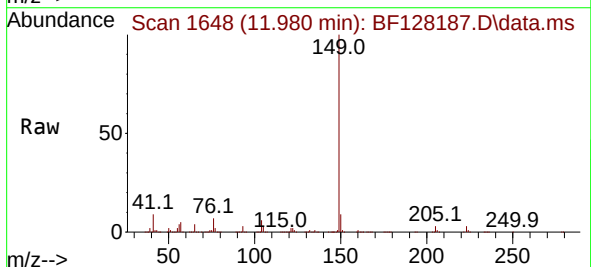
Instrument :
 BNA_F
 ClientSampleId :
 PB144720BS

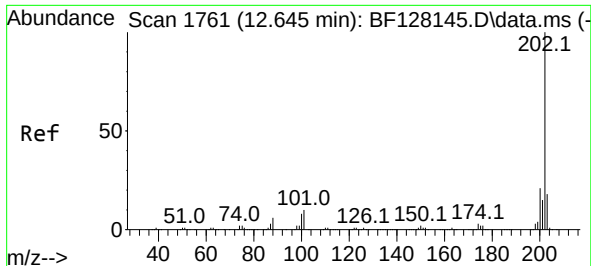
Tgt Ion:	167	Resp:	766230
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	13.5	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 46.068 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

Tgt Ion:	149	Resp:	911299
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	6.1	4.3	6.5

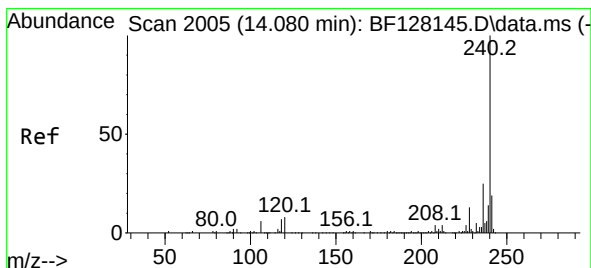
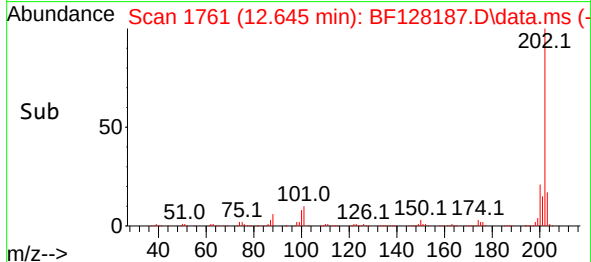
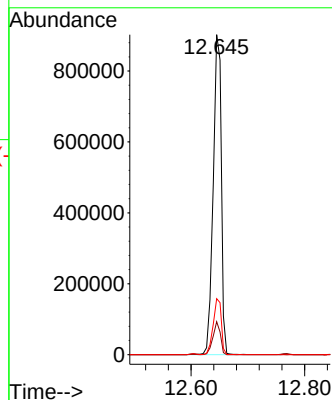
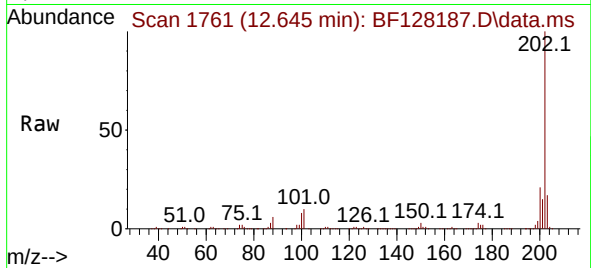




#75
Fluoranthene
Concen: 45.403 ng
RT: 12.645 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

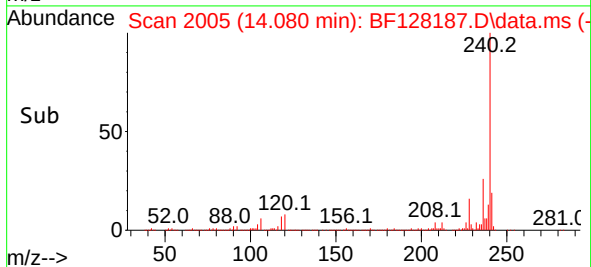
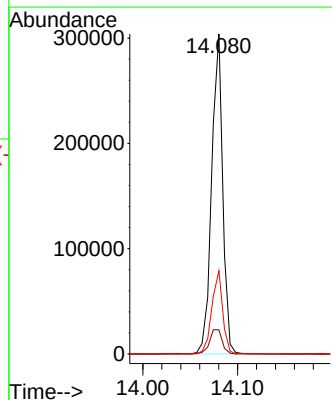
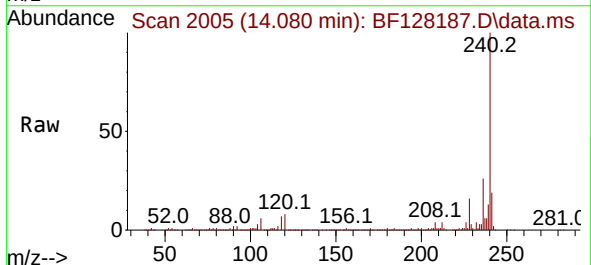
Instrument :
BNA_F
ClientSampleId :
PB144720BS

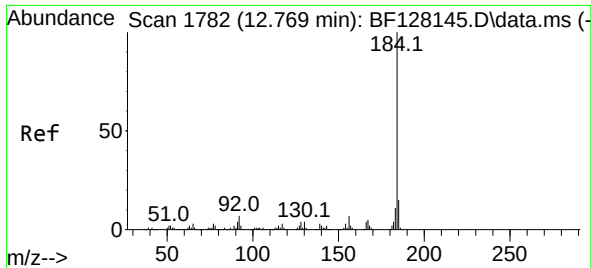
Tgt Ion:202 Resp: 890876
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:240 Resp: 245213
Ion Ratio Lower Upper
240 100
120 7.5 7.0 10.6
236 26.0 20.3 30.5

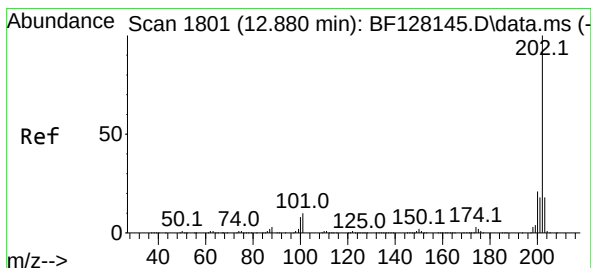
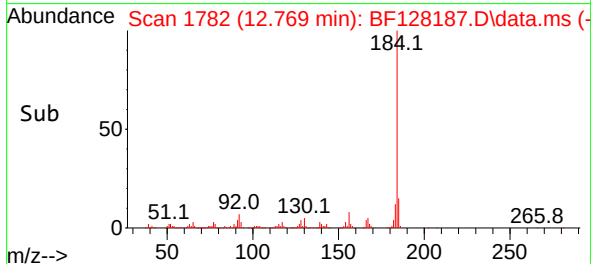
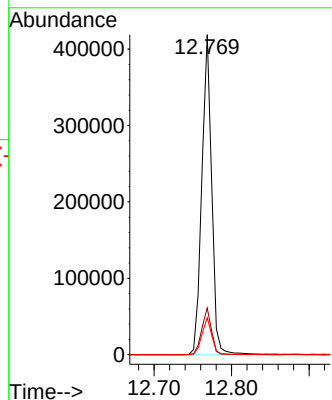
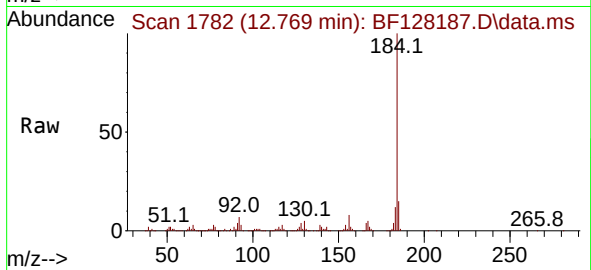




#77
Benzidine
Concen: 69.917 ng
RT: 12.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

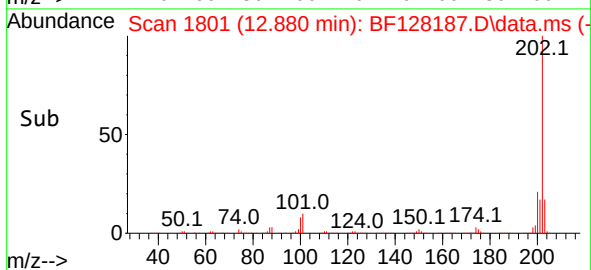
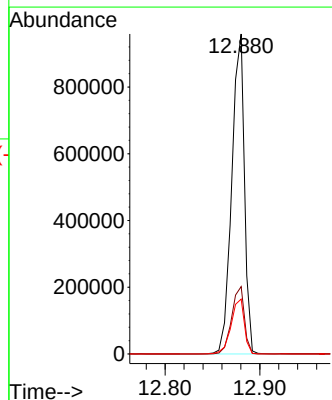
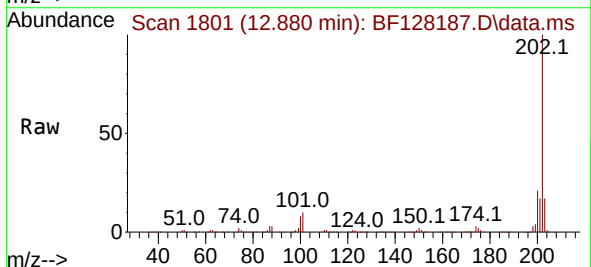
Instrument :
BNA_F
ClientSampleId :
PB144720BS

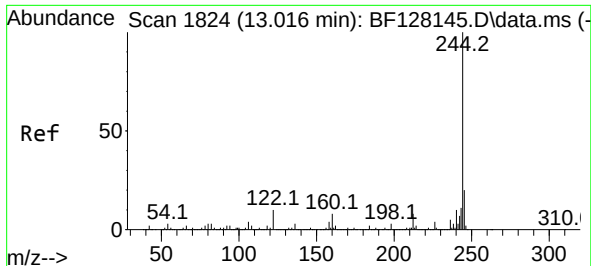
Tgt Ion:184 Resp: 371322
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 11.6 9.0 13.4



#78
Pyrene
Concen: 50.148 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:202 Resp: 891639
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.2 14.0 21.0

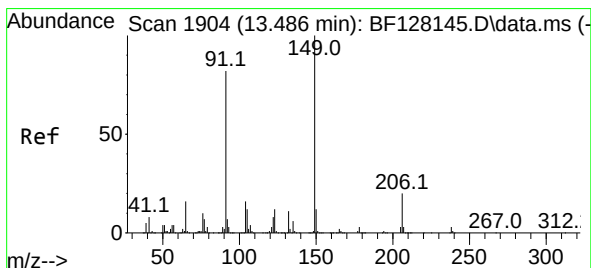
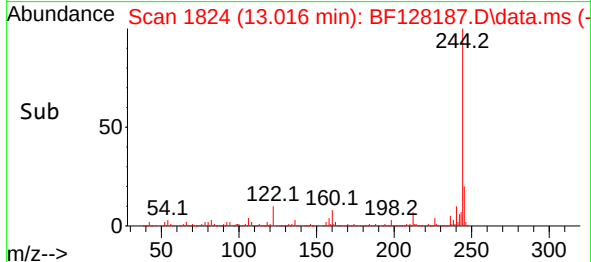
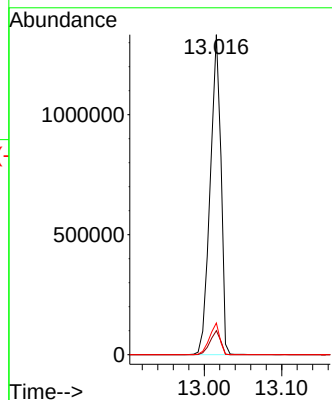
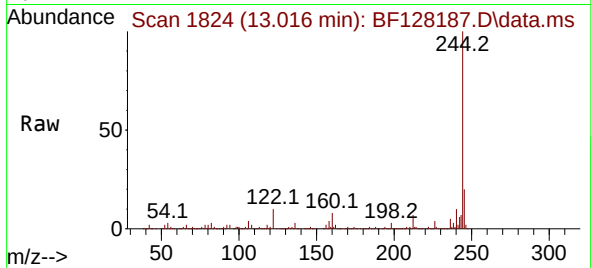




#79
 Terphenyl-d14
 Concen: 97.911 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

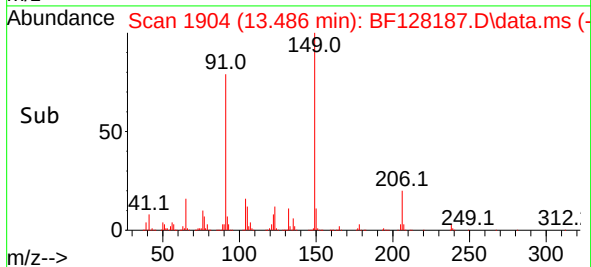
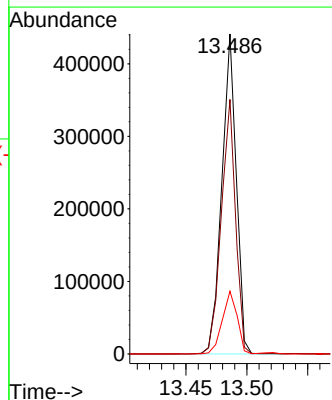
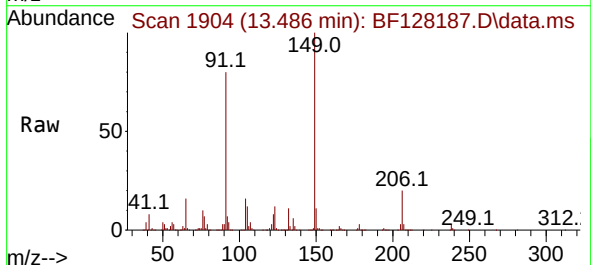
Instrument :
 BNA_F
 ClientSampleId :
 PB144720BS

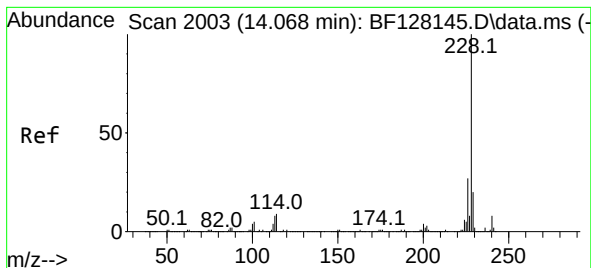
Tgt Ion:244 Resp: 1279510
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.9 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 49.430 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

Tgt Ion:149 Resp: 365381
 Ion Ratio Lower Upper
 149 100
 91 79.6 65.8 98.6
 206 19.6 15.4 23.2





#81

Benzo(a)anthracene

Concen: 47.849 ng

RT: 14.068 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

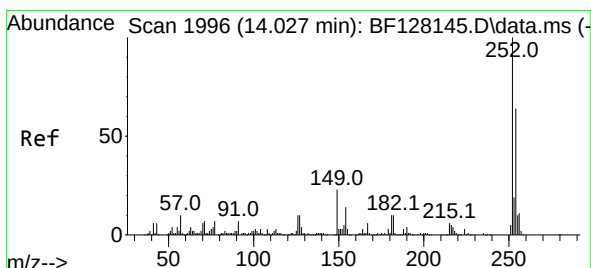
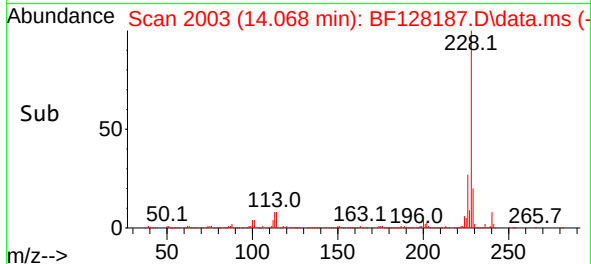
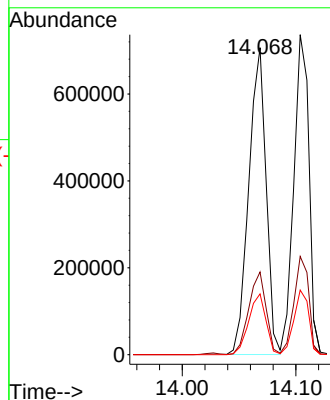
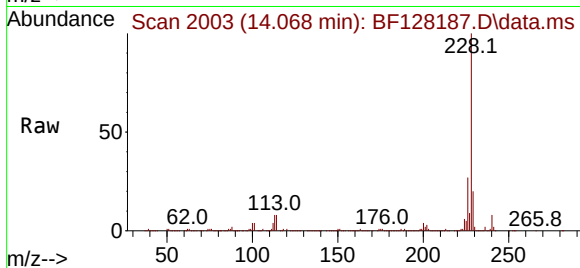
Tgt Ion:228 Resp: 749442

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 46.369 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

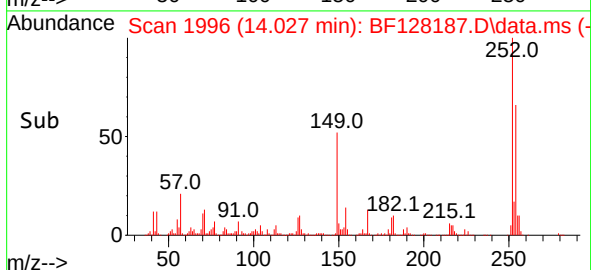
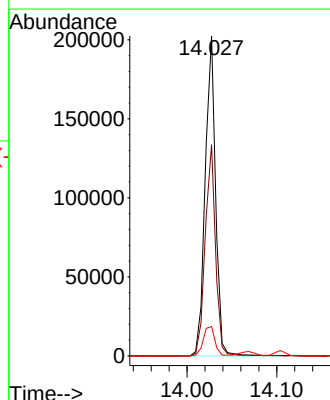
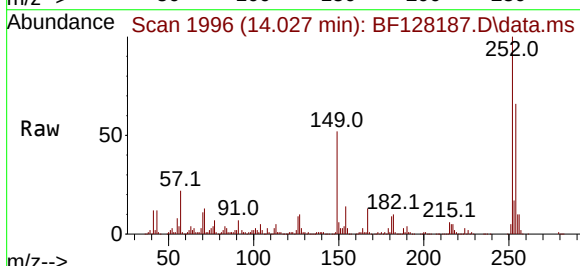
Tgt Ion:252 Resp: 162961

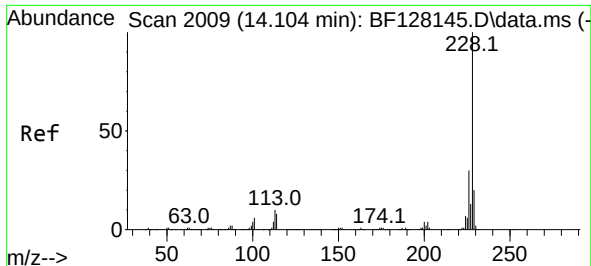
Ion Ratio Lower Upper

252 100

254 66.0 51.6 77.4

126 9.2 8.8 13.2

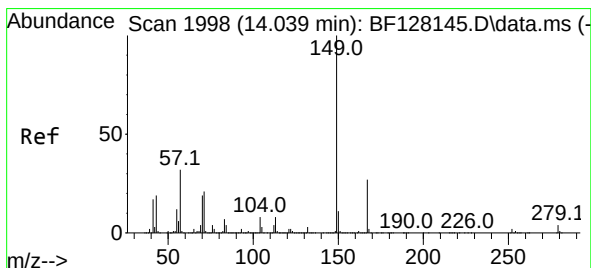
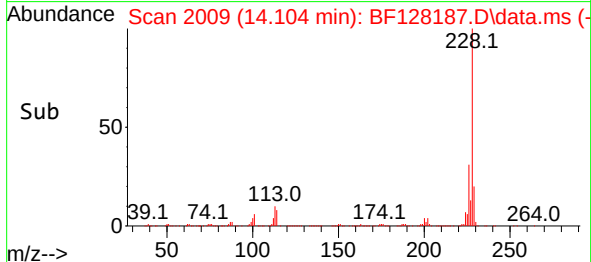
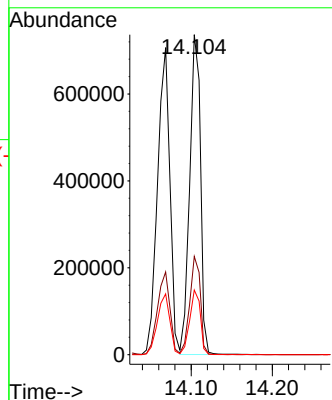
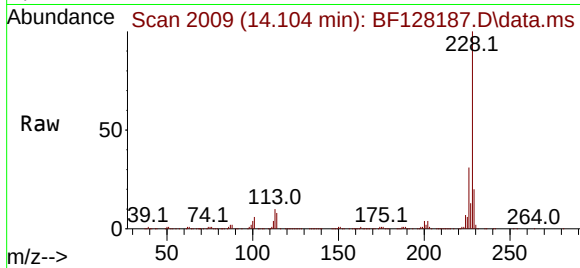




#83
Chrysene
Concen: 45.590 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

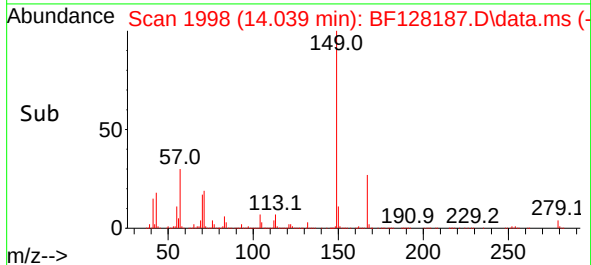
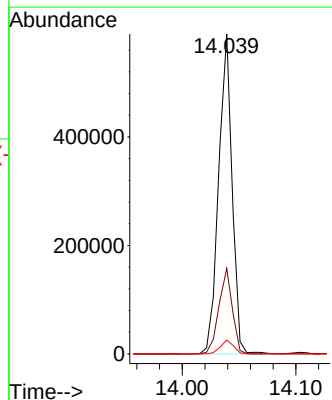
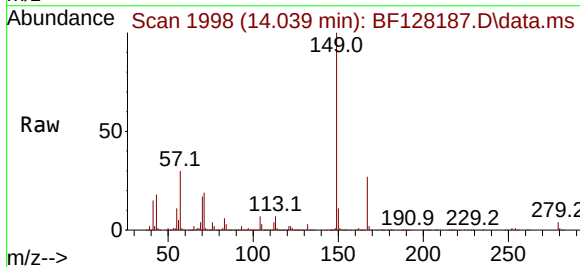
Instrument :
BNA_F
ClientSampleId :
PB144720BS

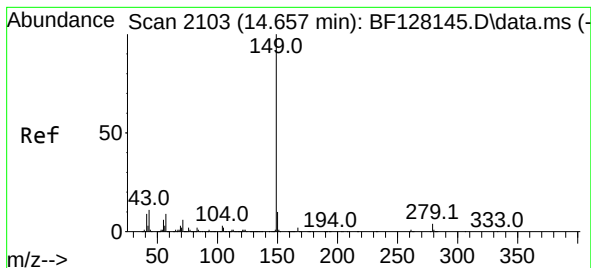
Tgt Ion:228 Resp: 681320
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.2 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.822 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:149 Resp: 487607
Ion Ratio Lower Upper
149 100
167 26.7 22.0 33.0
279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 45.824 ng

RT: 14.657 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

Instrument :

BNA_F

ClientSampleId :

PB144720BS

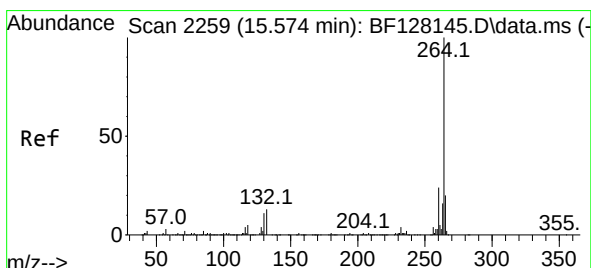
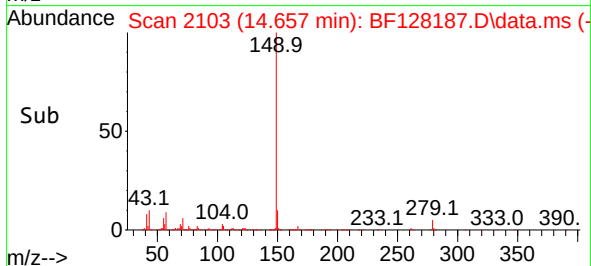
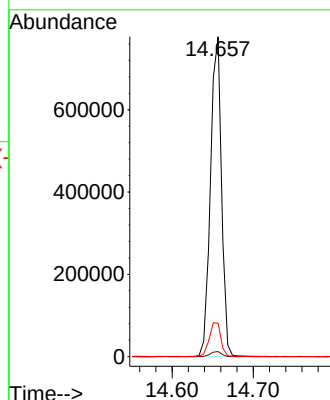
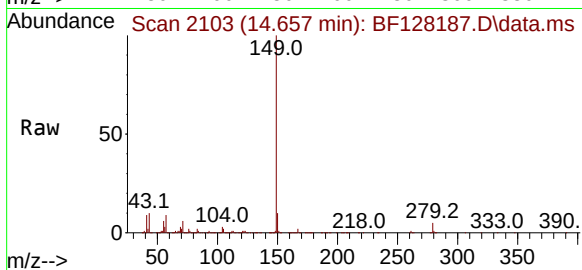
Tgt Ion:149 Resp: 731069

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF128187.D

Acq: 11 May 2022 11:04

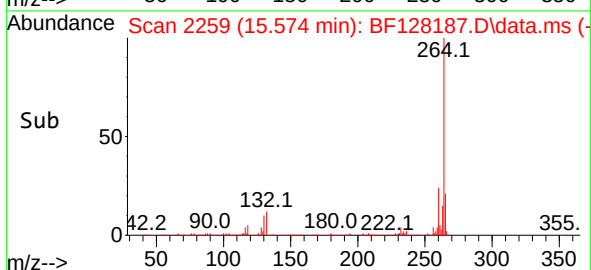
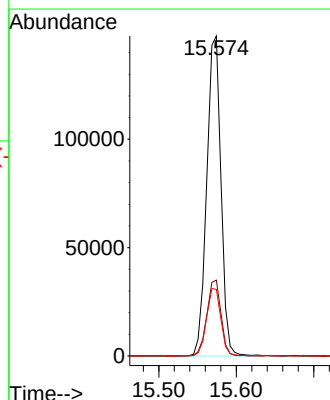
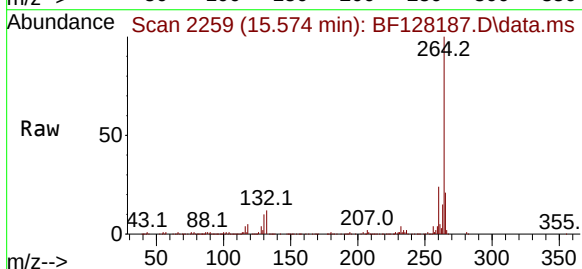
Tgt Ion:264 Resp: 188175

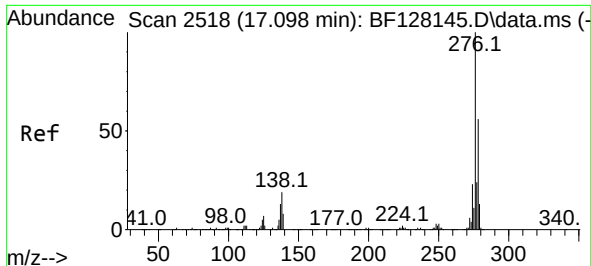
Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 20.8 17.5 26.3

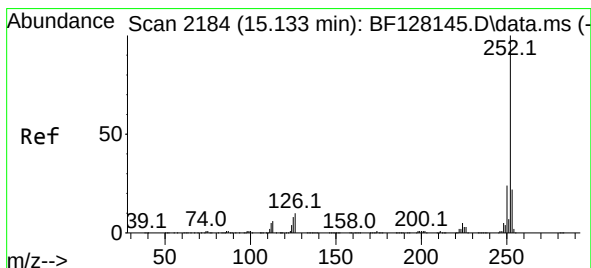
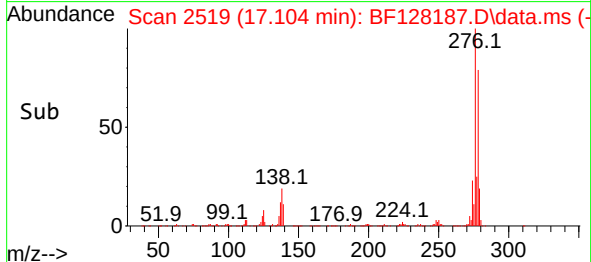
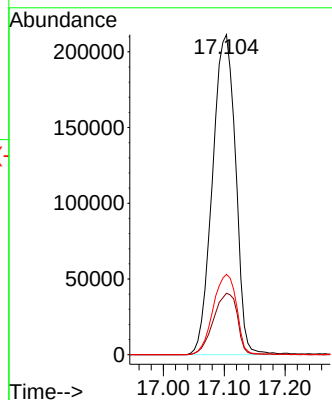
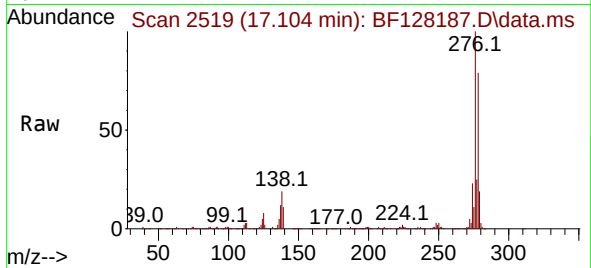




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.960 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

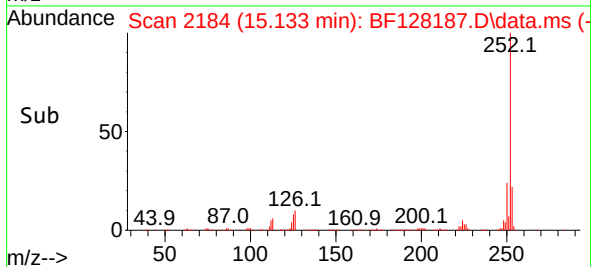
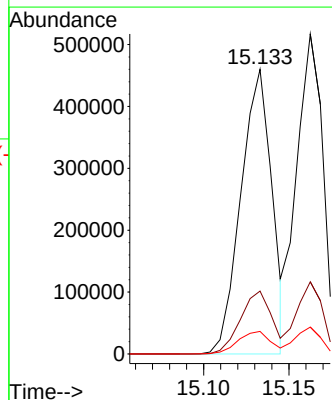
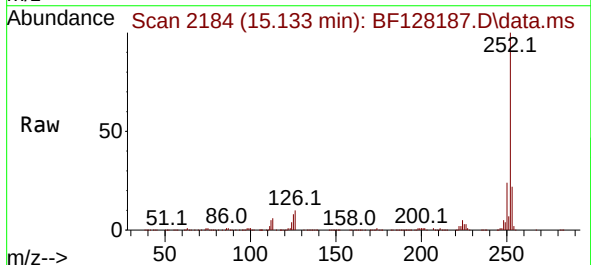
Instrument :
BNA_F
ClientSampleId :
PB144720BS

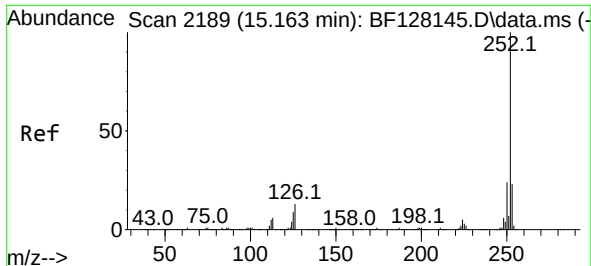
Tgt Ion:276 Resp: 557316
Ion Ratio Lower Upper
276 100
138 20.0 19.0 28.4
277 25.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 50.051 ng
RT: 15.133 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

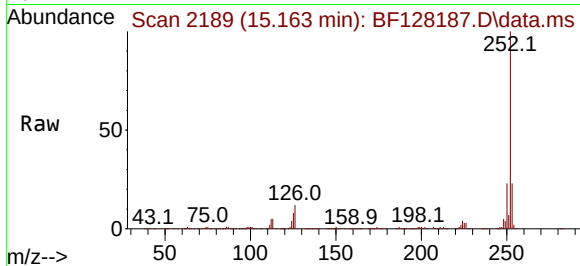
Tgt Ion:252 Resp: 583837
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.0 7.4 11.2



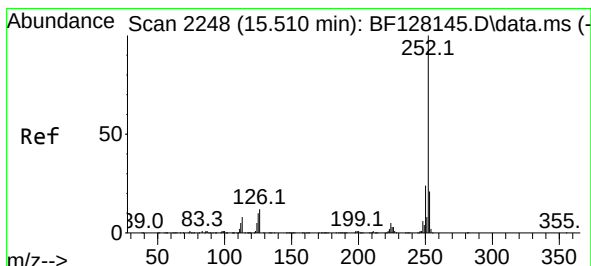
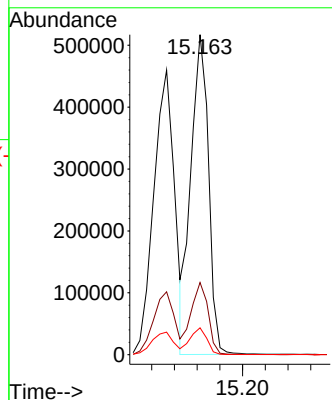
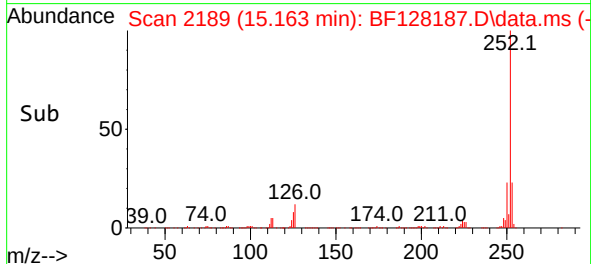


#89
Benzo(k)fluoranthene
Concen: 48.432 ng
RT: 15.163 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Instrument :
BNA_F
ClientSampleId :
PB144720BS

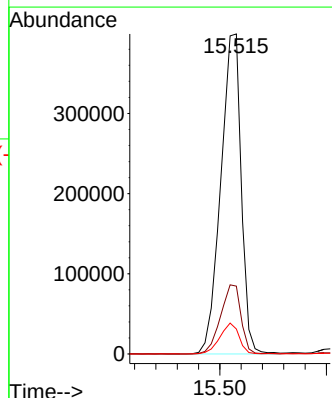
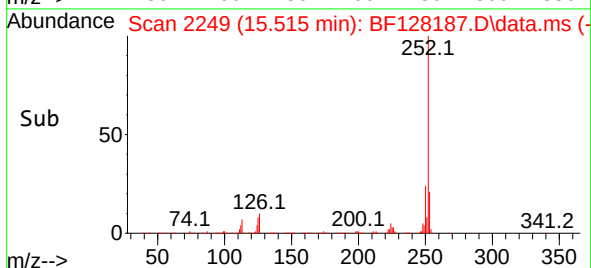
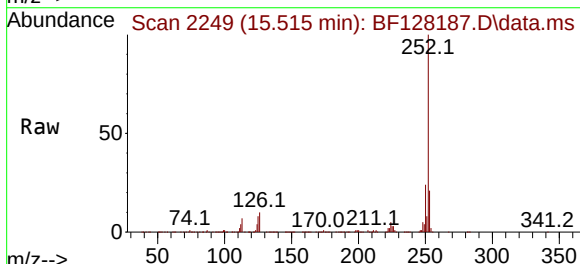


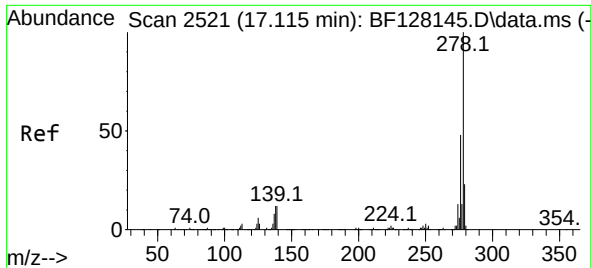
Tgt Ion:252 Resp: 557678
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 56.421 ng
RT: 15.515 min Scan# 2249
Delta R.T. 0.006 min
Lab File: BF128187.D
Acq: 11 May 2022 11:04

Tgt Ion:252 Resp: 531334
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 7.8 9.2 13.8#

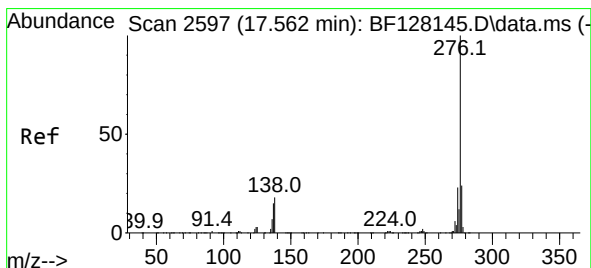
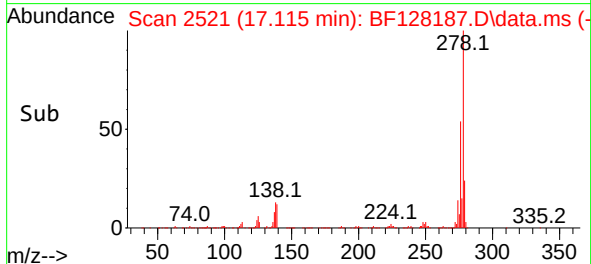
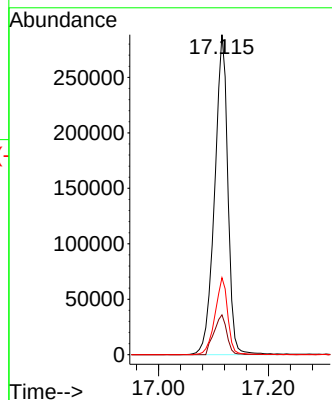
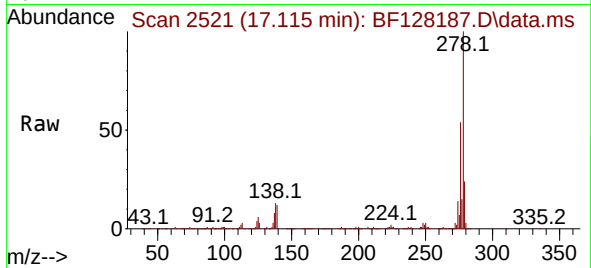




#91
 Dibenzo(a,h)anthracene
 Concen: 52.293 ng
 RT: 17.115 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB144720BS

Tgt Ion:278 Resp: 481911
 Ion Ratio Lower Upper
 278 100
 139 12.5 12.6 19.0#
 279 24.0 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 52.537 ng
 RT: 17.568 min Scan# 2598
 Delta R.T. 0.006 min
 Lab File: BF128187.D
 Acq: 11 May 2022 11:04

Tgt Ion:276 Resp: 490222
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.8 28.2
 138 16.6 16.2 24.2

