

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127219.D
 Acq On : 07 Mar 2022 13:02
 Operator : CG\JU
 Sample : N1751-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MS

Quant Time: Mar 07 14:58:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	91355	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	370322	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	183818	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	317870	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	146463	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	148017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	688733	116.522	ng	0.01
7) Phenol-d6	6.516	99	919247	115.256	ng	0.00
23) Nitrobenzene-d5	7.451	82	624749	76.149	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	271481	128.274	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1005667	80.541	ng	0.00
79) Terphenyl-d14	13.004	244	921941	92.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	99385	36.745	ng	98
3) Pyridine	3.469	79	280444	39.531	ng	95
4) n-Nitrosodimethylamine	3.440	42	154695	44.514	ng	77
6) Aniline	6.545	93	239136	25.306	ng	92
8) 2-Chlorophenol	6.669	128	313499	49.432	ng	93
9) Benzaldehyde	6.434	77	200220	41.241	ng	99
10) Phenol	6.534	94	423586	52.561	ng	85
11) bis(2-Chloroethyl)ether	6.616	93	293312	46.404	ng	100
12) 1,3-Dichlorobenzene	6.822	146	324710	47.464	ng	99
13) 1,4-Dichlorobenzene	6.898	146	323165	46.595	ng	97
14) 1,2-Dichlorobenzene	7.051	146	314562	47.560	ng	97
15) Benzyl Alcohol	7.022	79	281936	41.960	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	383060	38.486	ng	85
17) 2-Methylphenol	7.133	107	265911	48.462	ng	# 92
18) Hexachloroethane	7.386	117	124572	46.858	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	229736	44.702	ng	97
20) 3+4-Methylphenols	7.286	107	330014	46.317	ng	90
22) Acetophenone	7.292	105	437126	44.832	ng	# 97
24) Nitrobenzene	7.469	77	355732	45.898	ng	99
25) Isophorone	7.704	82	640093	47.149	ng	# 96
26) 2-Nitrophenol	7.781	139	163897	49.668	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	271914	50.159	ng	92
28) bis(2-Chloroethoxy)met...	7.910	93	370225	44.982	ng	99
29) 2,4-Dichlorophenol	8.022	162	245619	48.192	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	262847	46.129	ng	99
31) Naphthalene	8.186	128	882760	45.664	ng	99
32) Benzoic acid	7.951	122	181329	47.165	ng	87
33) 4-Chloroaniline	8.233	127	66664	8.761	ng	98
34) Hexachlorobutadiene	8.292	225	151912	45.666	ng	97
35) Caprolactam	8.616	113	53902	30.285	ng	# 88
36) 4-Chloro-3-methylphenol	8.727	107	308566	47.372	ng	97
37) 2-Methylnaphthalene	8.880	142	578474	46.116	ng	98
38) 1-Methylnaphthalene	8.980	142	553620	46.089	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	243260	50.273	ng	98
41) Hexachlorocyclopentadiene	9.027	237	235456	89.720	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	171145	48.224	ng	97

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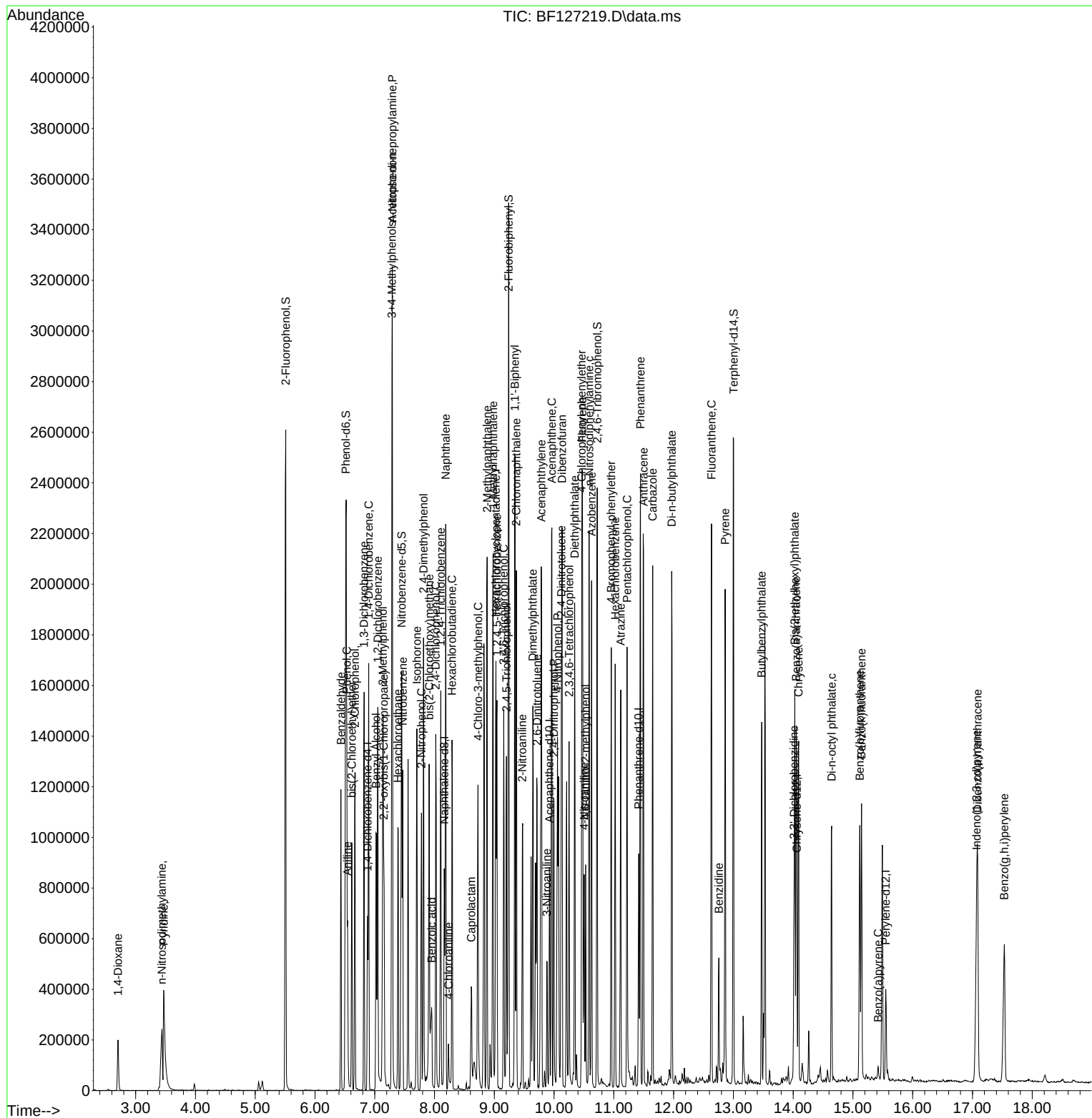
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	183658	49.178	ng	94
46) 1,1'-Biphenyl	9.345	154	699792	48.051	ng	97
47) 2-Chloronaphthalene	9.369	162	521987	48.333	ng	95
48) 2-Nitroaniline	9.469	65	195023	45.761	ng	97
49) Acenaphthylene	9.786	152	881364	50.241	ng	99
50) Dimethylphthalate	9.645	163	618543	47.077	ng	98
51) 2,6-Dinitrotoluene	9.716	165	139002	51.998	ng	98
52) Acenaphthene	9.963	154	496507	43.519	ng	96
53) 3-Nitroaniline	9.880	138	65748	20.121	ng	97
54) 2,4-Dinitrophenol	9.998	184	142609	100.790	ng	# 81
55) Dibenzofuran	10.133	168	728310	46.424	ng	93
56) 4-Nitrophenol	10.057	139	209161	86.665	ng	# 82
57) 2,4-Dinitrotoluene	10.122	165	180007	49.803	ng	# 97
58) Fluorene	10.474	166	581608	47.594	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	144158	48.690	ng	90
60) Diethylphthalate	10.345	149	645555	47.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	274753	47.682	ng	94
62) 4-Nitroaniline	10.504	138	138635	42.964	ng	# 77
63) Azobenzene	10.627	77	650261	42.535	ng	94
65) 4,6-Dinitro-2-methylph...	10.527	198	89489	47.914	ng	87
66) n-Nitrosodiphenylamine	10.586	169	506631	48.606	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	175047	49.287	ng	96
68) Hexachlorobenzene	11.021	284	195682	51.180	ng	95
69) Atrazine	11.116	200	161945	50.095	ng	98
70) Pentachlorophenol	11.221	266	186562	89.387	ng	98
71) Phenanthrene	11.445	178	876538	49.266	ng	99
72) Anthracene	11.498	178	862641	48.704	ng	99
73) Carbazole	11.651	167	701008	43.158	ng	99
74) Di-n-butylphthalate	11.968	149	978389	46.855	ng	99
75) Fluoranthene	12.633	202	789016	46.706	ng	95
77) Benzidine	12.757	184	176343	44.305	ng	96
78) Pyrene	12.863	202	753054	59.181	ng	98
80) Butylbenzylphthalate	13.474	149	296147	49.162	ng	# 85
81) Benzo(a)anthracene	14.051	228	507780	51.426	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	109578	35.214	ng	# 96
83) Chrysene	14.092	228	466119	50.200	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	366500	46.341	ng	# 96
85) Di-n-octyl phthalate	14.645	149	495965	43.555	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	546862	56.345	ng	# 84
88) Benzo(b)fluoranthene	15.115	252	486430	48.930	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	446830	46.600	ng	# 95
90) Benzo(a)pyrene	15.421	252	20977	2.701	ng	97
91) Dibenzo(a,h)anthracene	17.086	278	460340	57.348	ng	# 90
92) Benzo(g,h,i)perylene	17.533	276	457799	57.850	ng	# 85

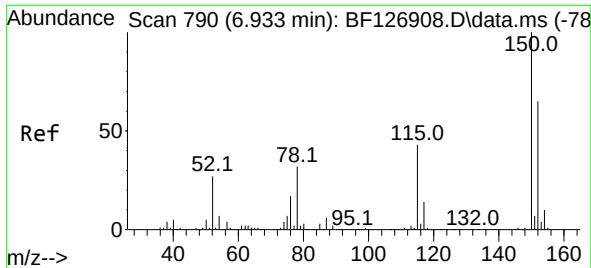
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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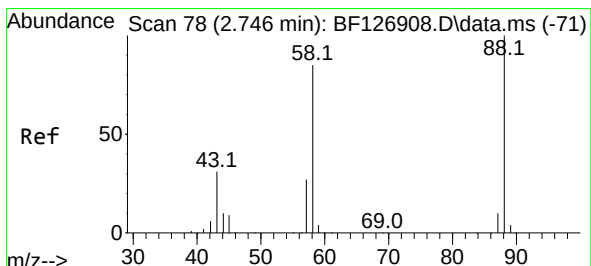
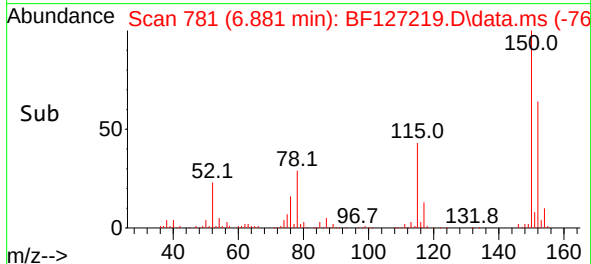
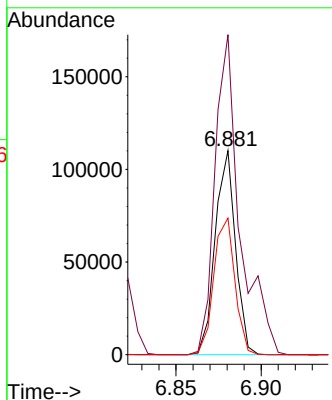
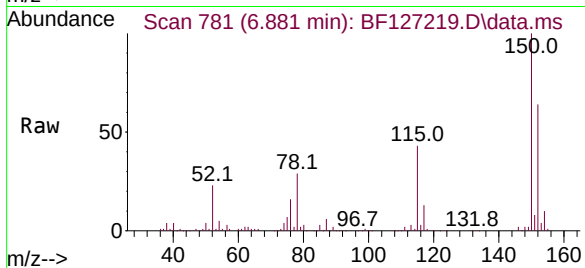




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

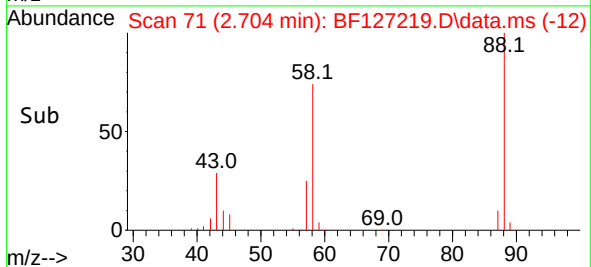
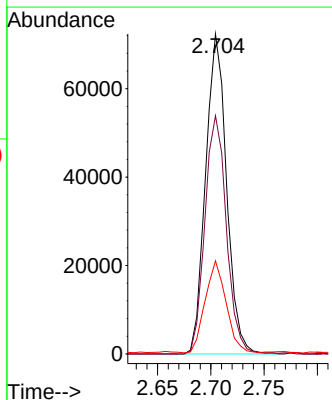
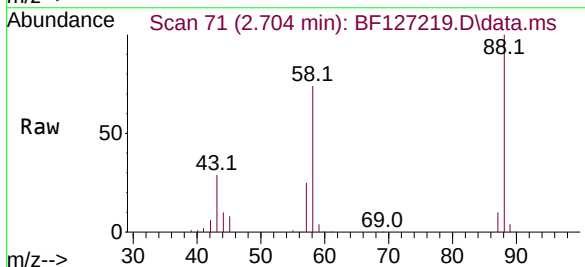
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 ClientSampleId :
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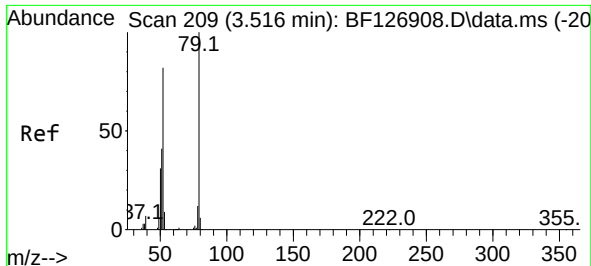
Tgt Ion:152 Resp: 91355
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.1 192.1
 115 67.0 56.7 85.1



#2
 1,4-Dioxane
 Concen: 36.745 ng
 RT: 2.704 min Scan# 71
 Delta R.T. 0.047 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

Tgt Ion: 88 Resp: 99385
 Ion Ratio Lower Upper
 88 100
 58 76.5 62.8 94.2
 43 28.8 22.3 33.5

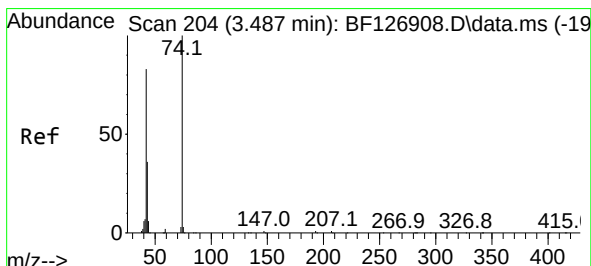
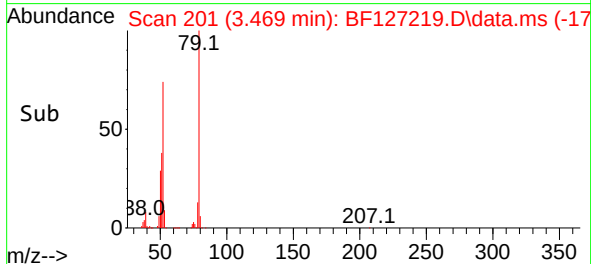
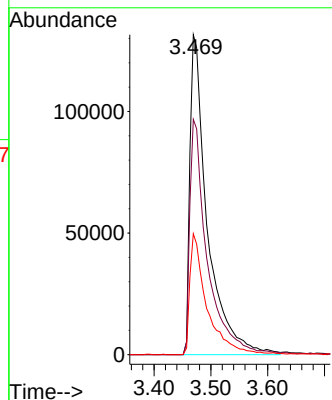
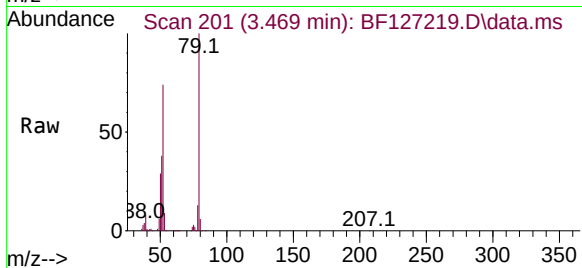




#3
 Pyridine
 Concen: 39.531 ng
 RT: 3.469 min Scan# 209
 Delta R.T. 0.041 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

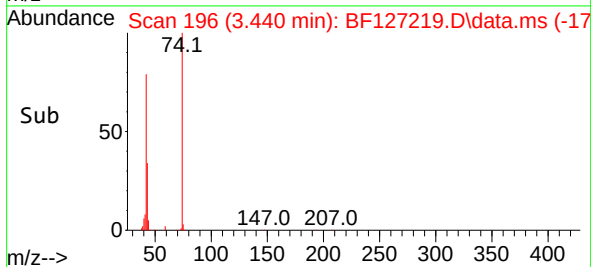
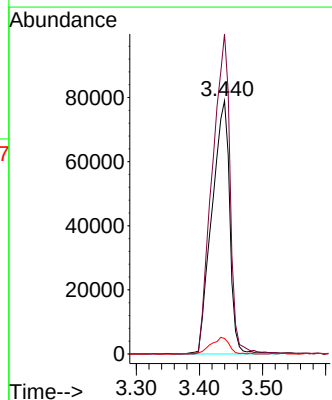
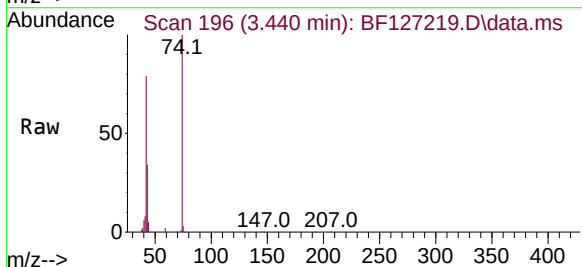
Instrument :
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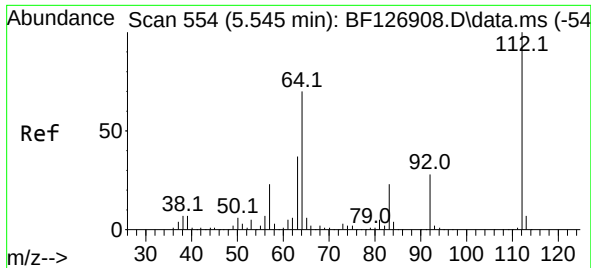
Tgt Ion: 79 Resp: 280444
 Ion Ratio Lower Upper
 79 100
 52 73.6 56.2 84.4
 51 37.8 26.7 40.1



#4
 n-Nitrosodimethylamine
 Concen: 44.514 ng
 RT: 3.440 min Scan# 196
 Delta R.T. 0.041 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

Tgt Ion: 42 Resp: 154695
 Ion Ratio Lower Upper
 42 100
 74 126.4 125.6 188.4
 44 6.1 5.7 8.5

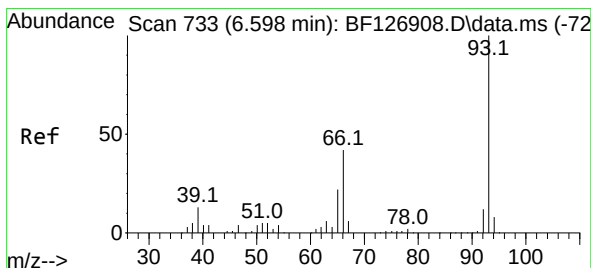
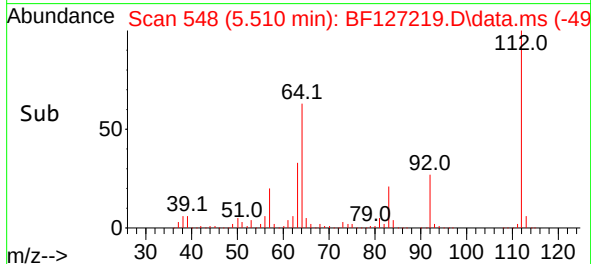
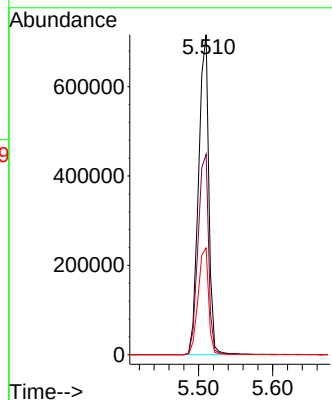
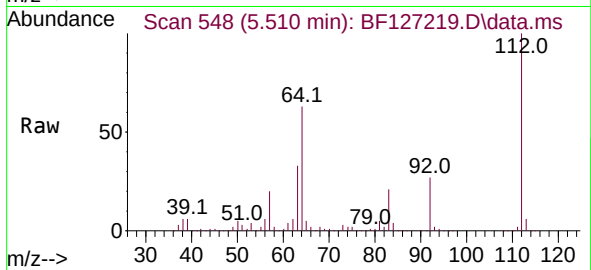




#5
2-Fluorophenol
Concen: 116.522 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

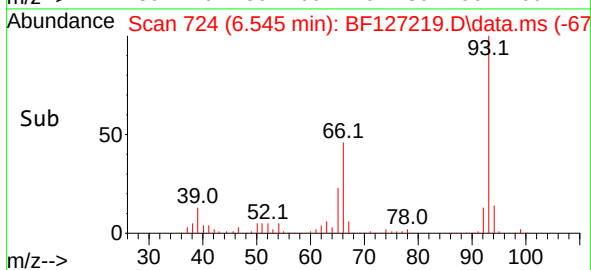
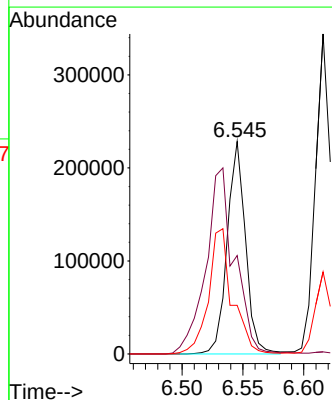
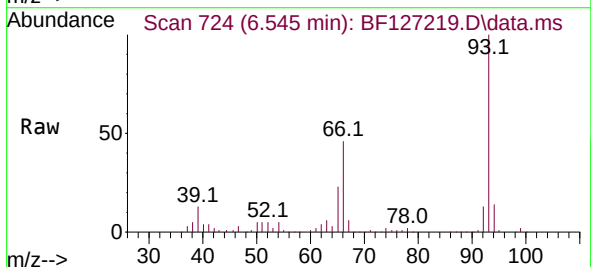
Instrument :
BNA_F
ClientSampleId :
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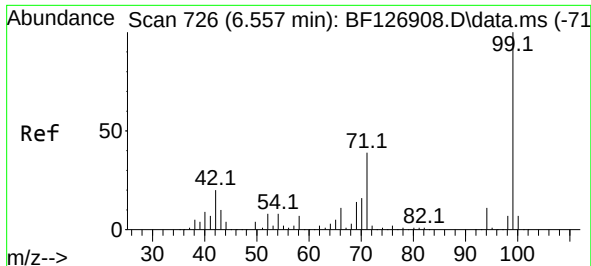
Tgt Ion:112 Resp: 688733
Ion Ratio Lower Upper
112 100
64 62.6 49.5 74.3
63 33.4 23.9 35.9



#6
Aniline
Concen: 25.306 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion: 93 Resp: 239136
Ion Ratio Lower Upper
93 100
66 46.3 32.2 48.4
65 22.9 16.3 24.5

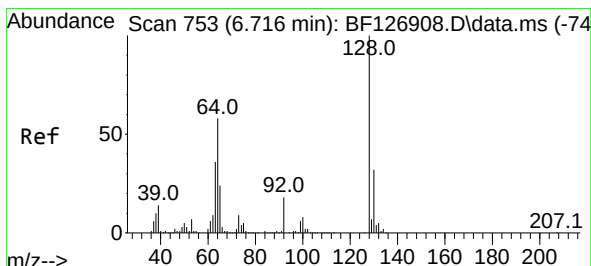
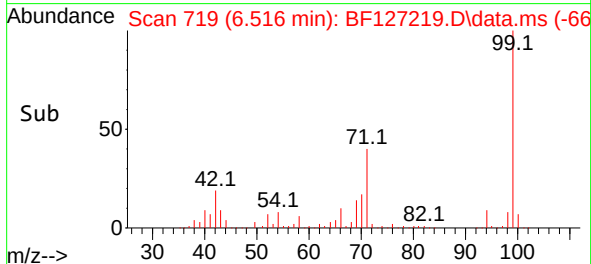
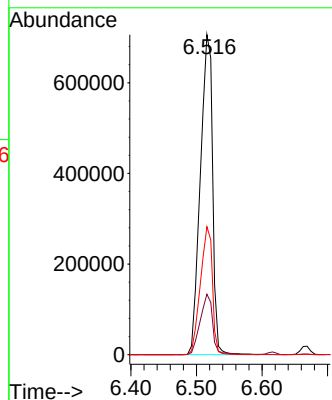
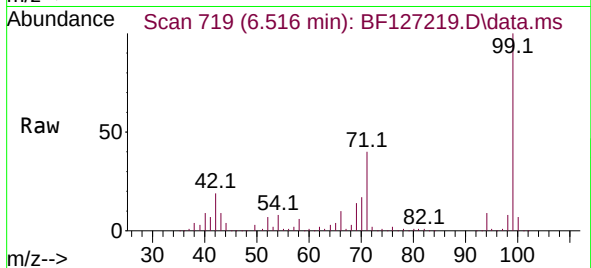




#7
Phenol-d6
Concen: 115.256 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

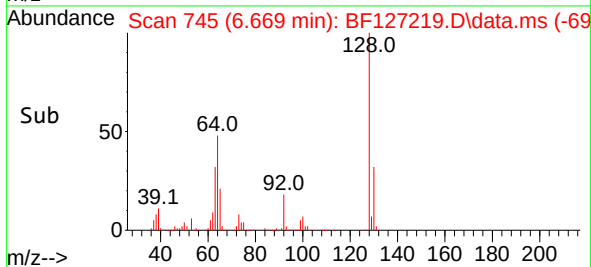
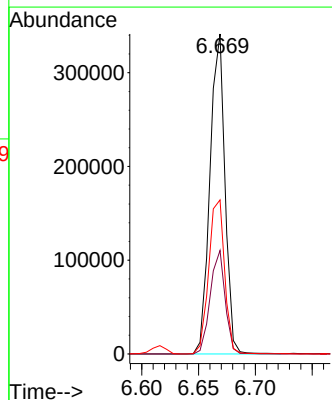
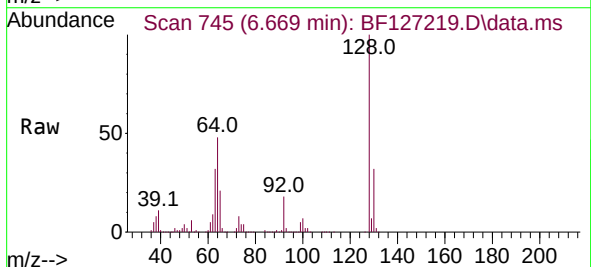
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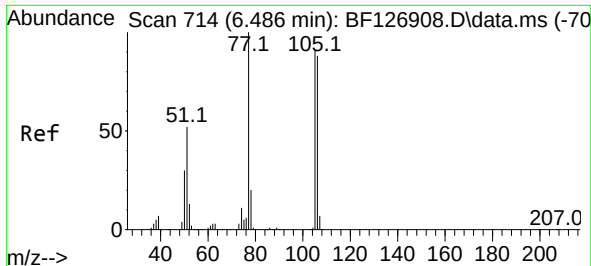
Tgt Ion: 99 Resp: 919247
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 40.0 24.3 36.5



#8
2-Chlorophenol
Concen: 49.432 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion: 128 Resp: 313499
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 48.2 35.6 75.6

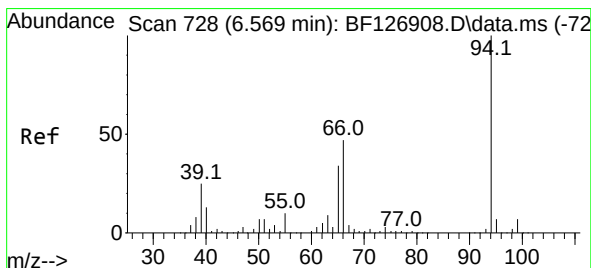
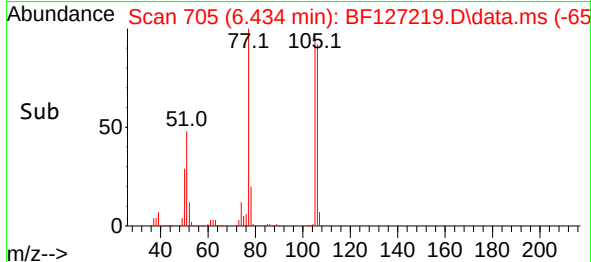
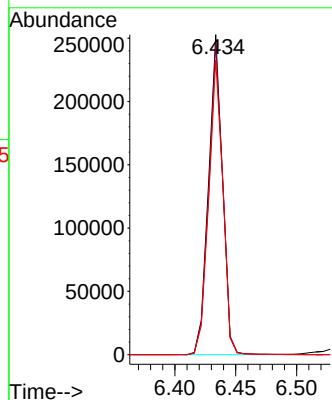
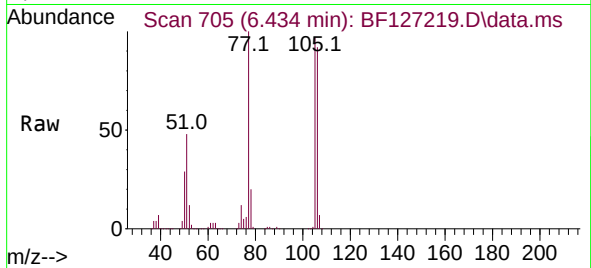




#9
Benzaldehyde
Concen: 41.241 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF127219.D
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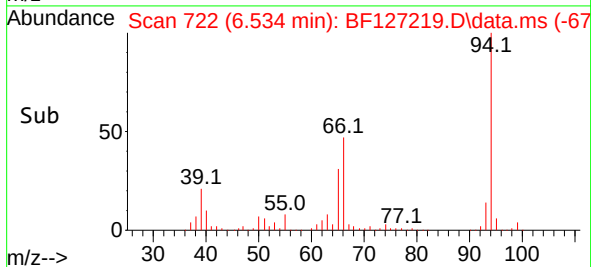
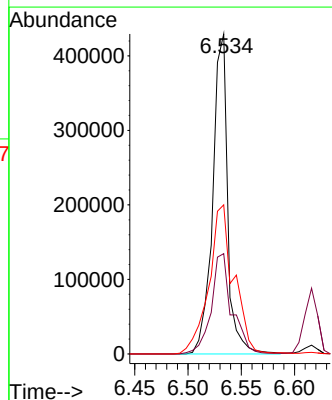
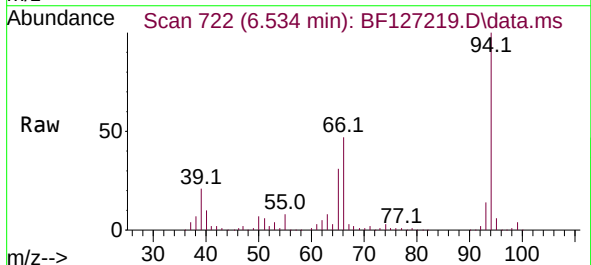
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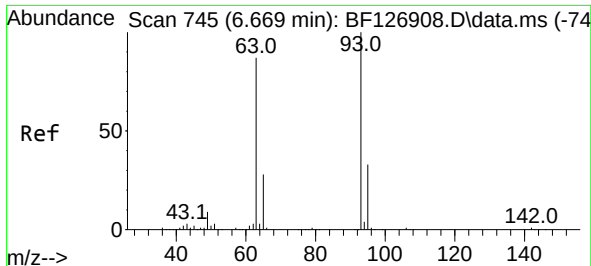
Tgt Ion: 77 Resp: 200220
Ion Ratio Lower Upper
77 100
105 97.2 74.9 114.9
106 92.1 72.4 112.4



#10
Phenol
Concen: 52.561 ng
RT: 6.534 min Scan# 722
Delta R.T. 0.006 min
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Acq: 07 Mar 2022 13:02

Tgt Ion: 94 Resp: 423586
Ion Ratio Lower Upper
94 100
65 31.4 7.2 47.2
66 46.6 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 46.404 ng

RT: 6.616 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

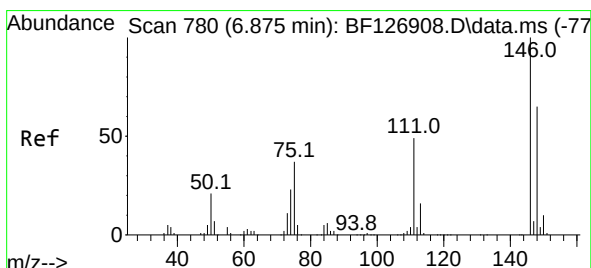
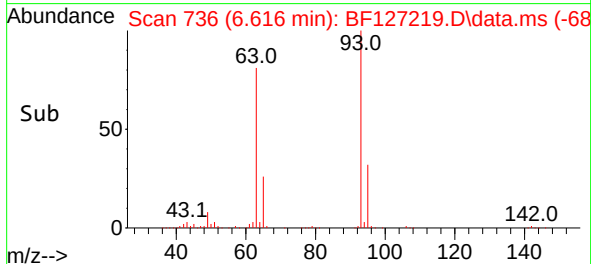
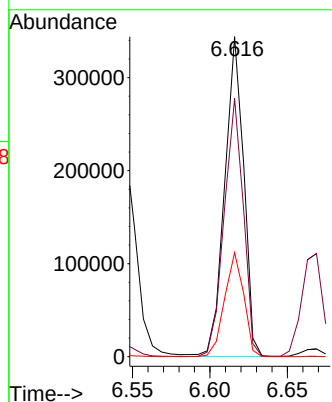
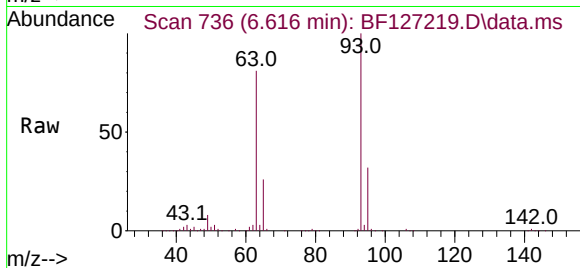
BNA_F

ClientSampleId :

DUM-13MS

Tgt Ion: 93 Resp: 293312

Ion	Ratio	Lower	Upper
93	100		
63	80.7	60.5	100.5
95	32.5	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 47.464 ng

RT: 6.822 min Scan# 771

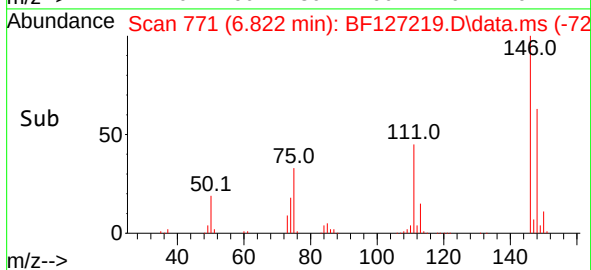
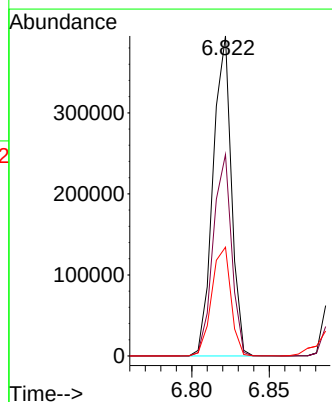
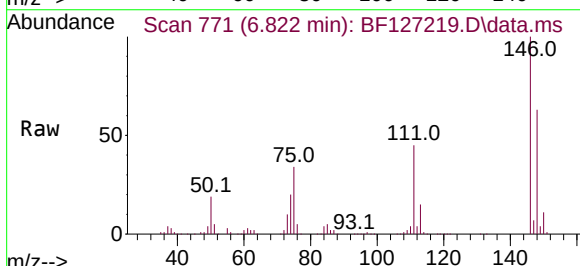
Delta R.T. -0.000 min

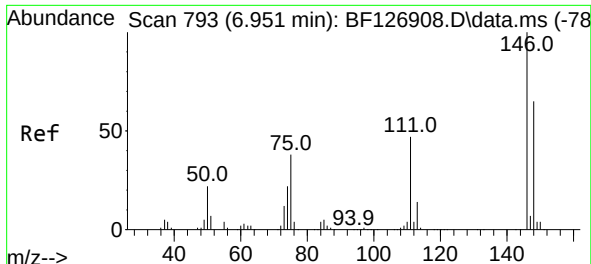
Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Tgt Ion: 146 Resp: 324710

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	34.0	28.4	42.6

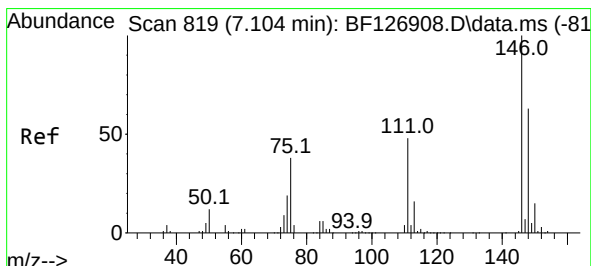
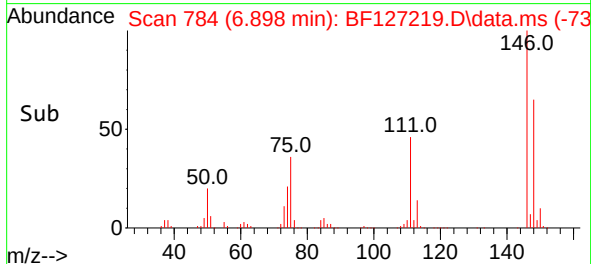
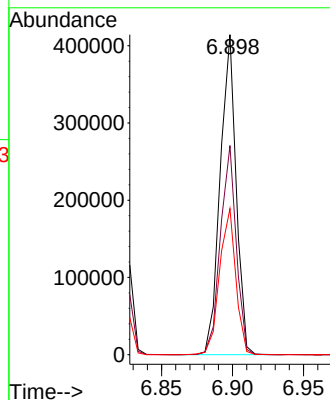
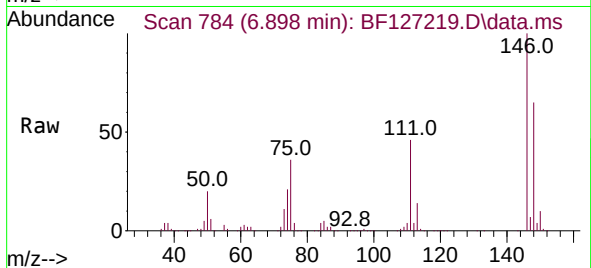




#13
1,4-Dichlorobenzene
Concen: 46.595 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

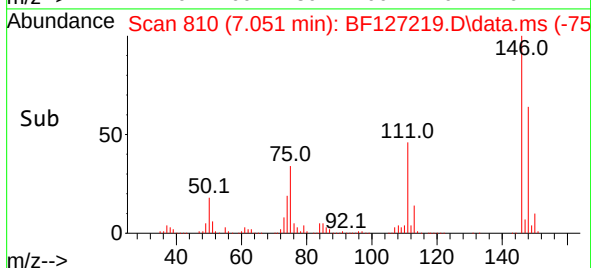
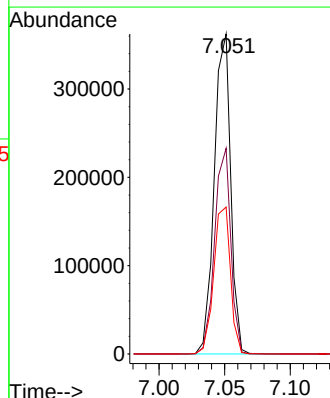
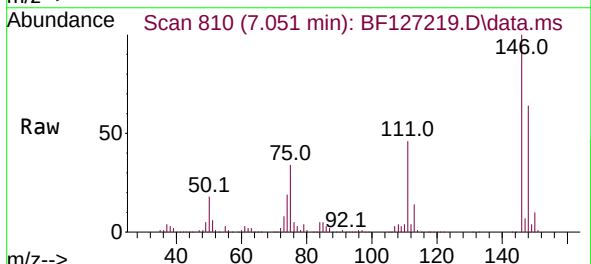
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

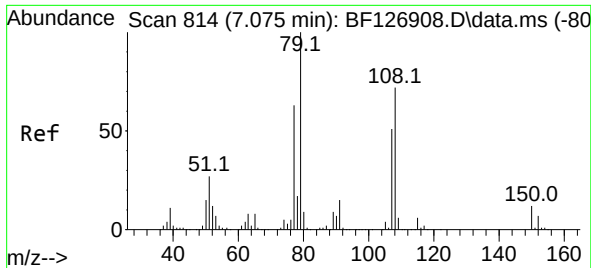
Tgt Ion:146 Resp: 323165
Ion Ratio Lower Upper
146 100
148 65.3 49.8 74.6
111 45.7 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 47.560 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:146 Resp: 314562
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 45.9 40.2 60.2

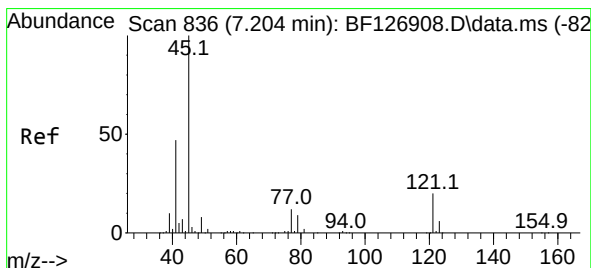
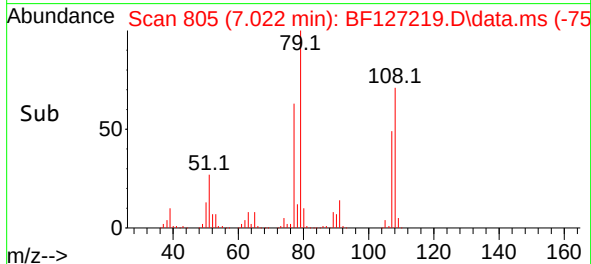
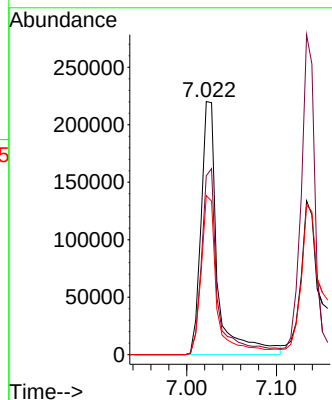
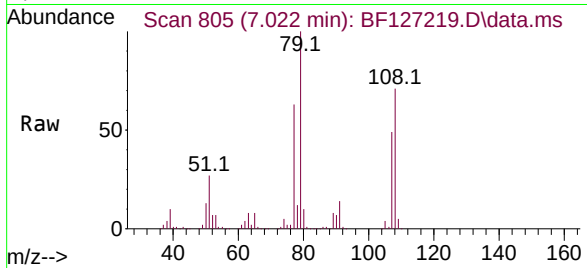




#15
Benzyl Alcohol
Concen: 41.960 ng
RT: 7.022 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

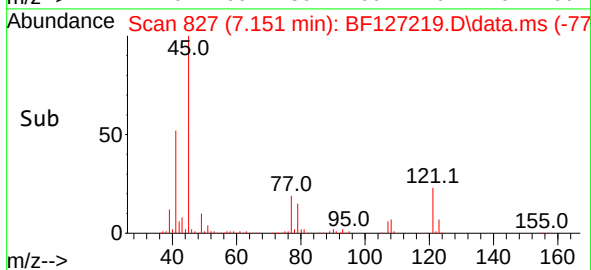
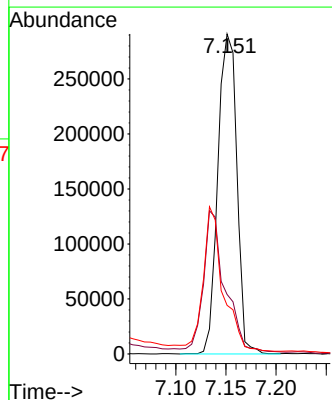
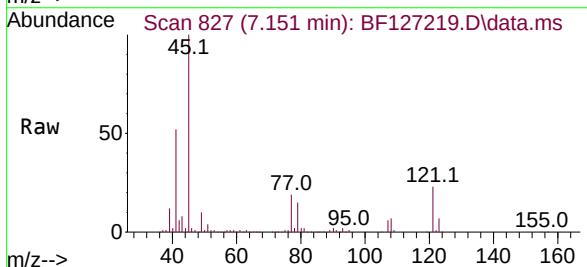
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

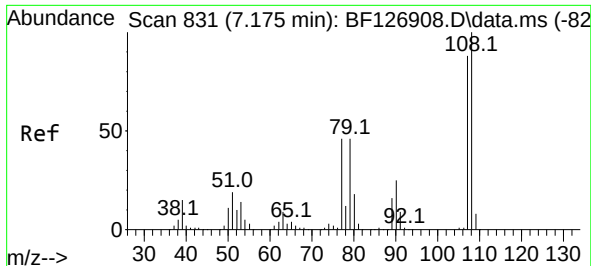
Tgt Ion: 79 Resp: 281936
Ion Ratio Lower Upper
79 100
108 70.7 63.2 94.8
77 62.9 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.486 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion: 45 Resp: 383060
Ion Ratio Lower Upper
45 100
77 18.6 0.0 32.4
79 15.2 0.0 29.8





#17

2-Methylphenol

Concen: 48.462 ng

RT: 7.133 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

Tgt Ion:107 Resp: 265911

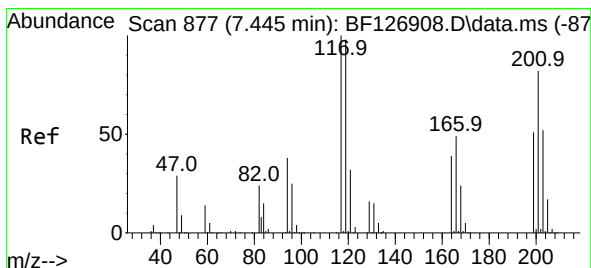
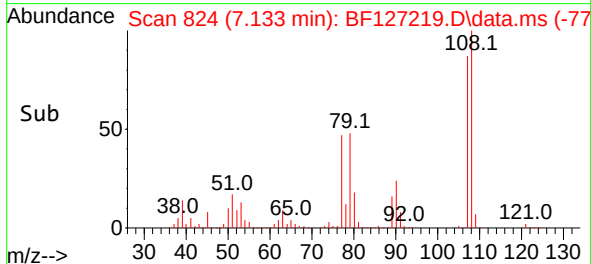
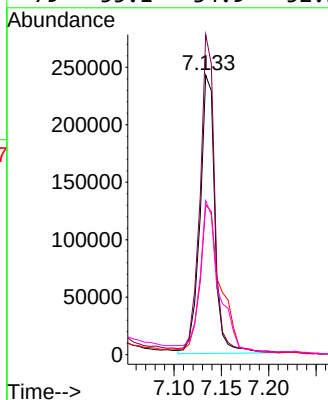
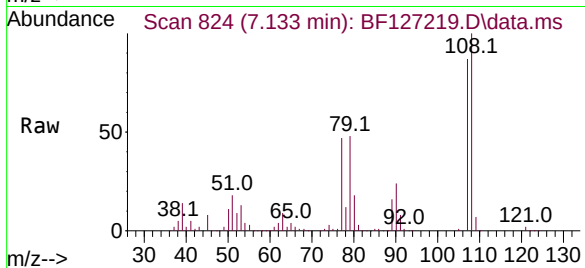
Ion Ratio Lower Upper

107 100

108 114.5 93.4 140.0

77 53.6 36.1 54.1

79 55.1 34.9 52.3#



#18

Hexachloroethane

Concen: 46.858 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

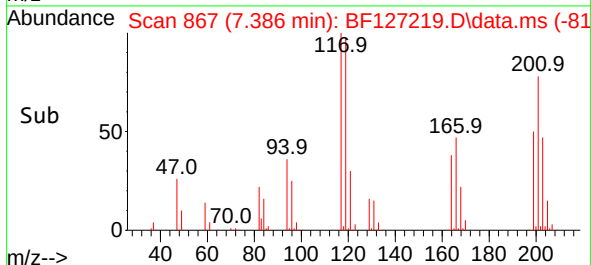
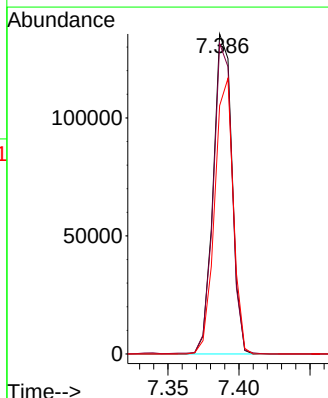
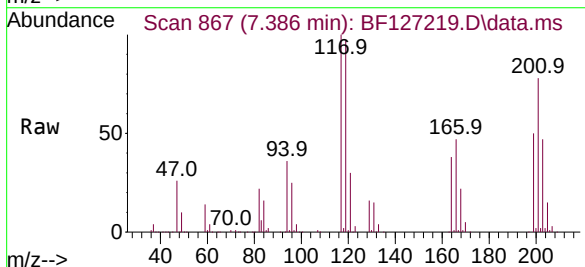
Tgt Ion:117 Resp: 124572

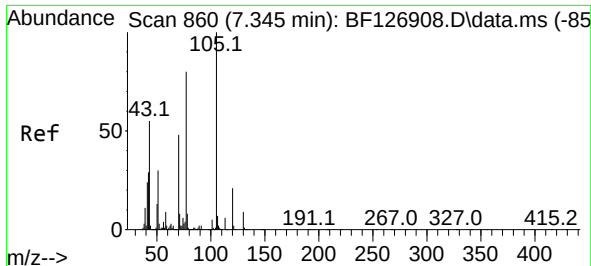
Ion Ratio Lower Upper

117 100

119 97.0 75.4 113.0

201 77.6 56.8 85.2



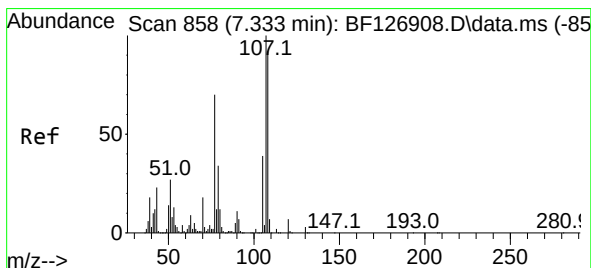
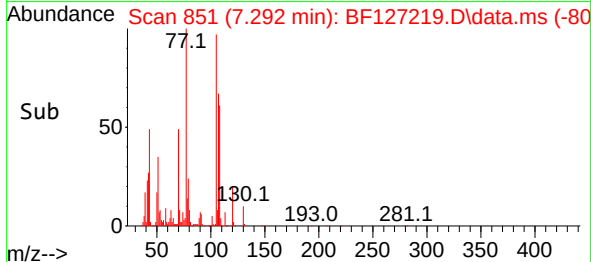
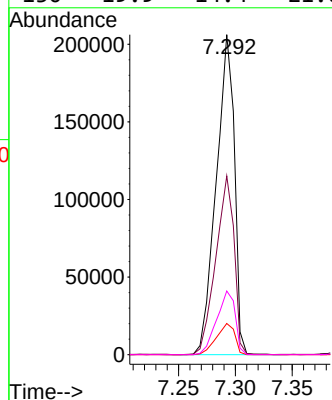
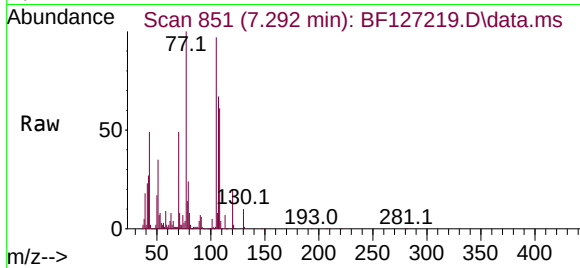


#19
n-Nitroso-di-n-propylamine
Concen: 44.702 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Instrument :
BNA_F
ClientSampleId :
DUM-13MS

Tgt Ion: 70 Resp: 229736

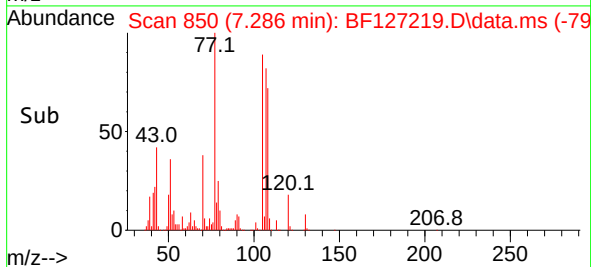
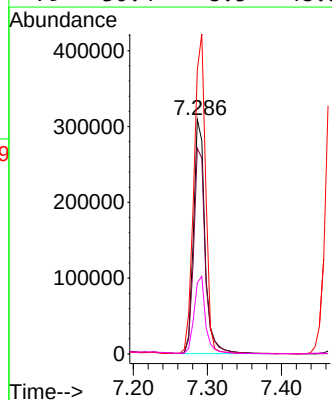
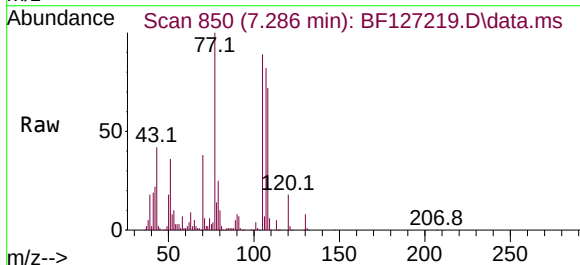
Ion	Ratio	Lower	Upper
70	100		
42	55.9	45.8	68.8
101	9.7	6.9	10.3
130	19.9	14.4	21.6

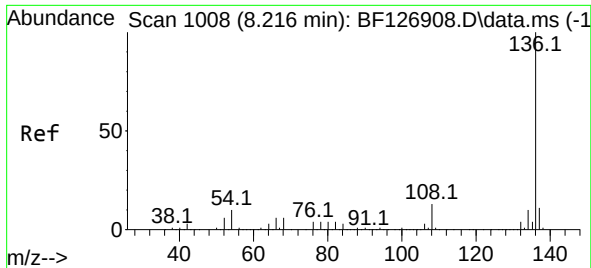


#20
3+4-Methylphenols
Concen: 46.317 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion: 107 Resp: 330014

Ion	Ratio	Lower	Upper
107	100		
108	87.8	72.4	112.4
77	121.2	83.8	123.8
79	30.4	8.5	48.5

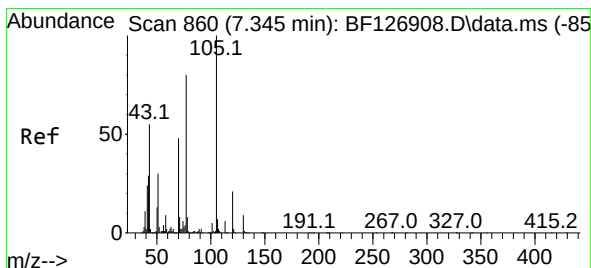
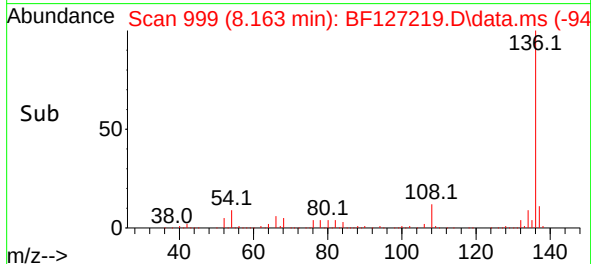
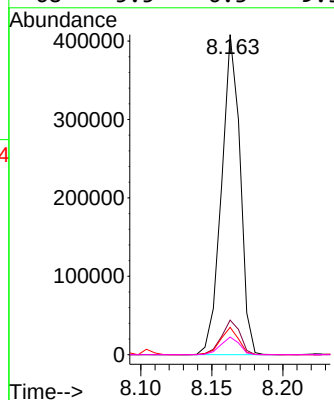
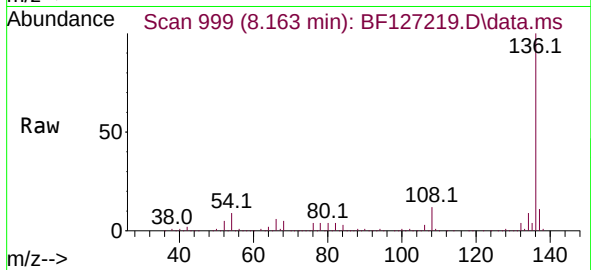




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

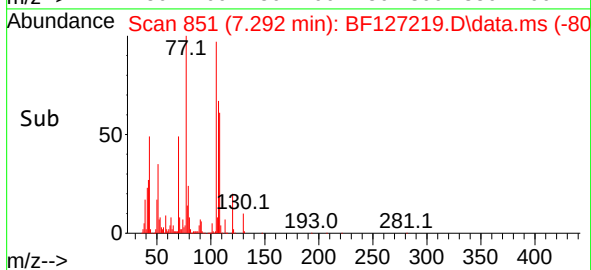
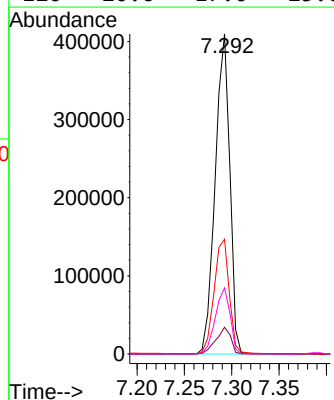
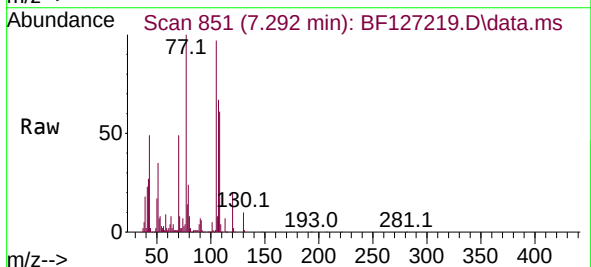
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

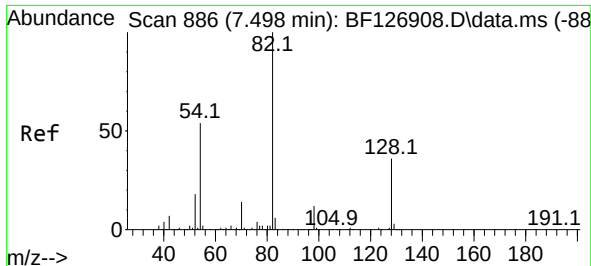
Tgt Ion:136 Resp: 370322
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 5.5 6.3 9.5#



#22
Acetophenone
Concen: 44.832 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:105 Resp: 437126
Ion Ratio Lower Upper
105 100
71 8.3 5.4 8.0#
51 35.8 27.4 41.0
120 20.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.149 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

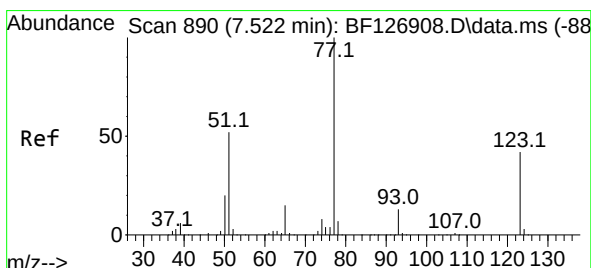
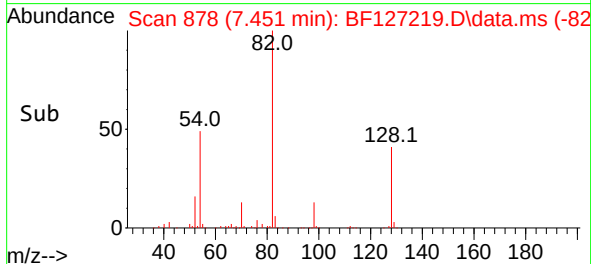
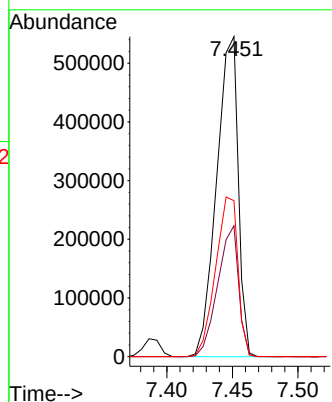
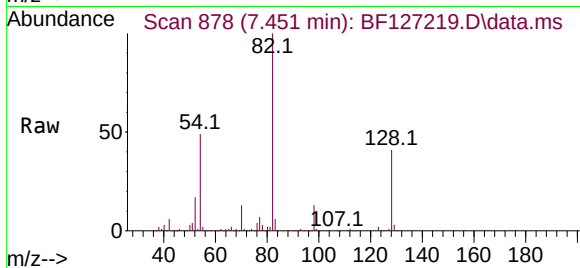
Tgt Ion: 82 Resp: 624749

Ion Ratio Lower Upper

82 100

128 40.9 32.7 49.1

54 48.7 41.7 62.5



#24

Nitrobenzene

Concen: 45.898 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

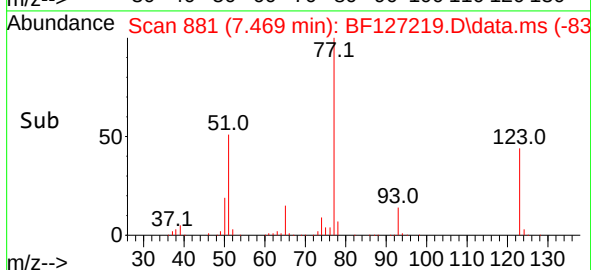
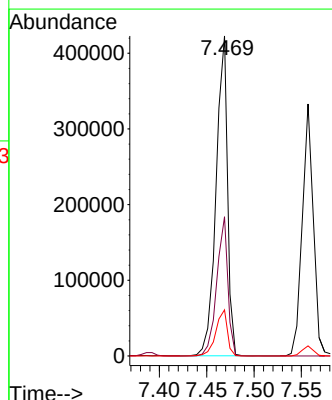
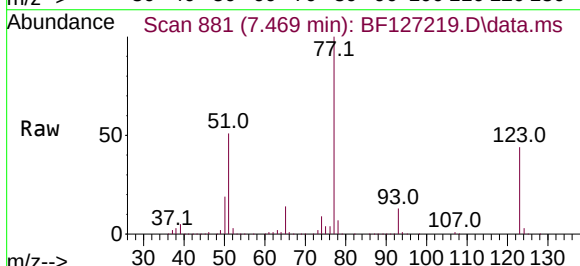
Tgt Ion: 77 Resp: 355732

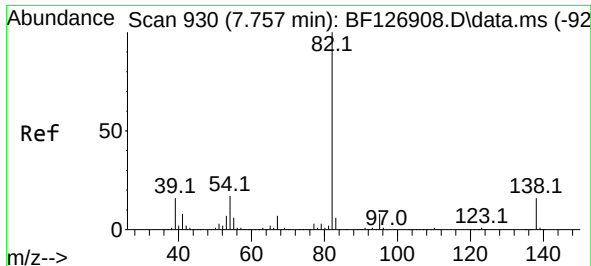
Ion Ratio Lower Upper

77 100

123 43.5 34.6 52.0

65 14.4 10.6 15.8

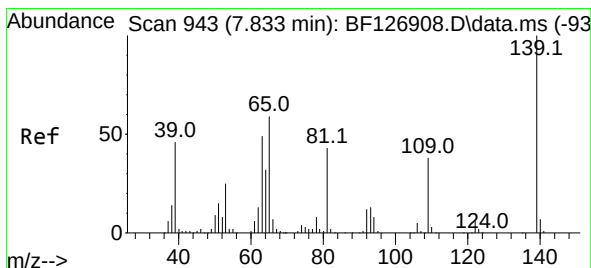
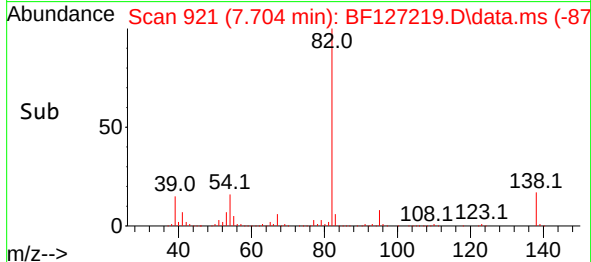
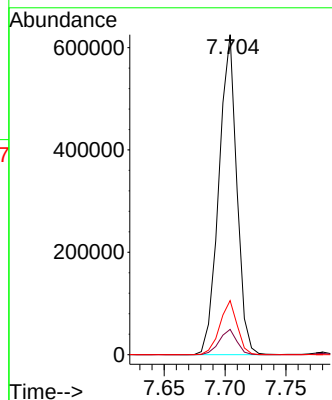
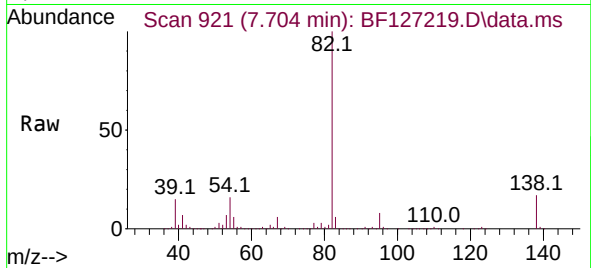




#25
Isophorone
Concen: 47.149 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

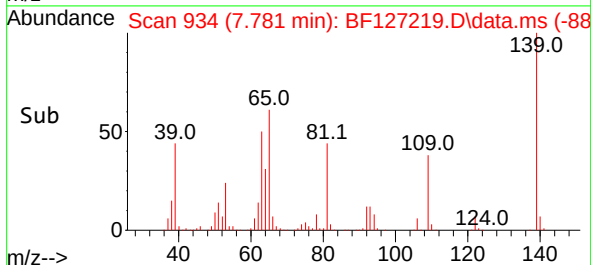
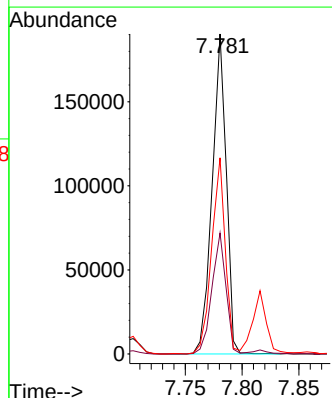
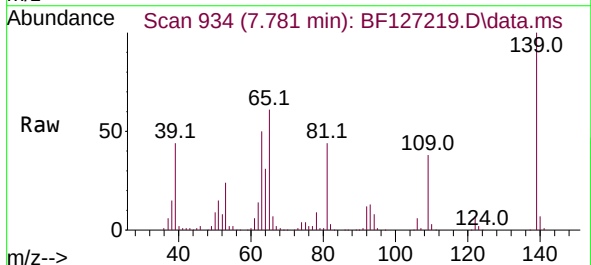
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

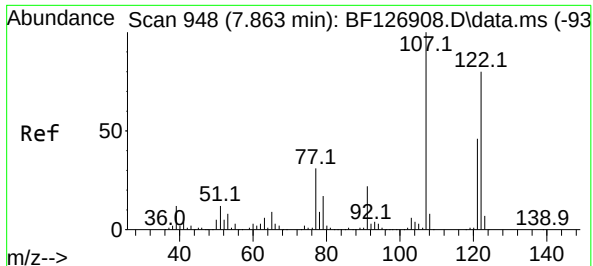
Tgt Ion: 82 Resp: 640093
Ion Ratio Lower Upper
82 100
95 7.9 5.0 7.4#
138 16.9 12.3 18.5



#26
2-Nitrophenol
Concen: 49.668 ng
RT: 7.781 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:139 Resp: 163897
Ion Ratio Lower Upper
139 100
109 37.8 20.0 30.0#
65 61.3 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 50.159 ng

RT: 7.816 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

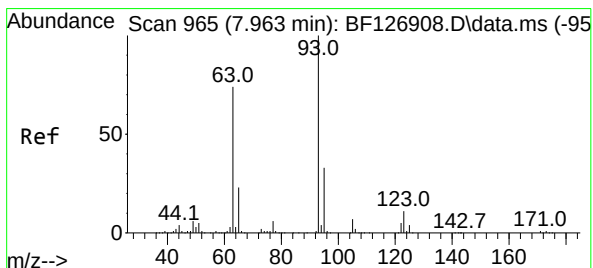
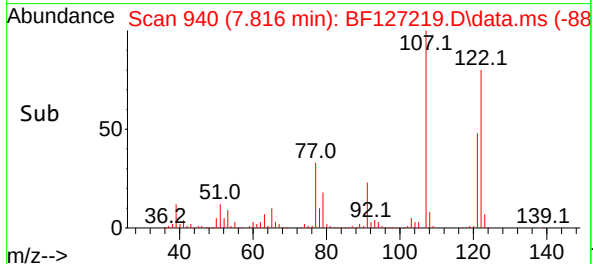
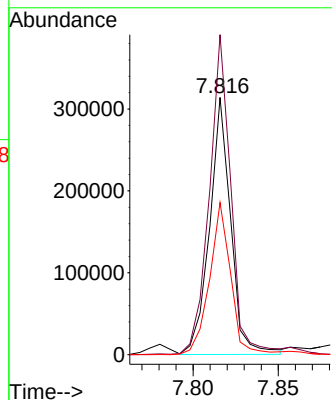
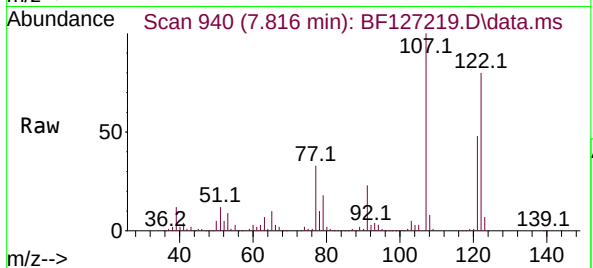
Tgt Ion:122 Resp: 271914

Ion Ratio Lower Upper

122 100

107 124.4 91.2 136.8

121 59.2 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.982 ng

RT: 7.910 min Scan# 956

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

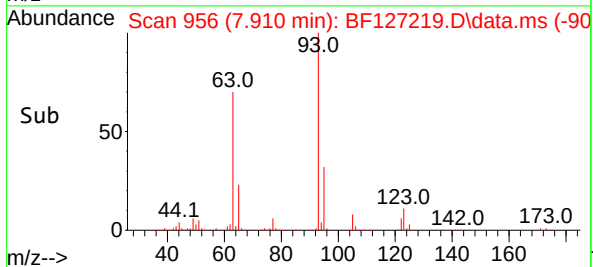
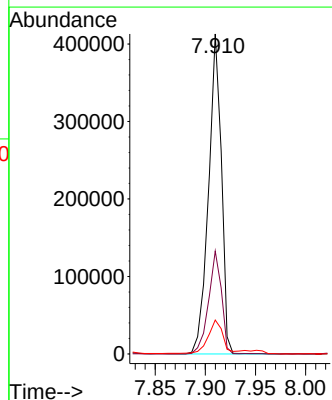
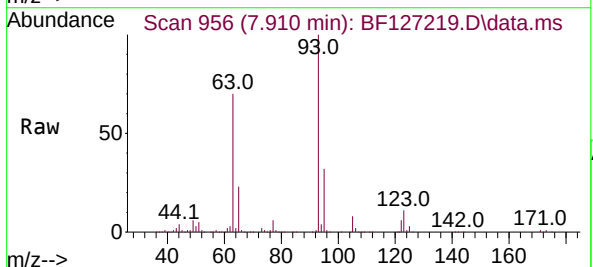
Tgt Ion: 93 Resp: 370225

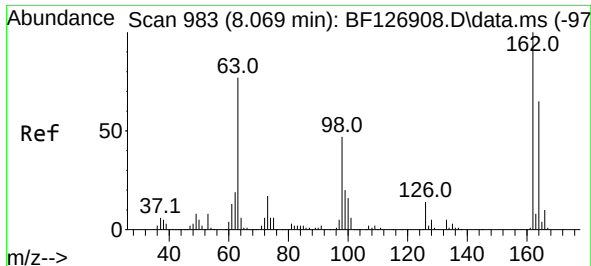
Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.2

123 10.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.192 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

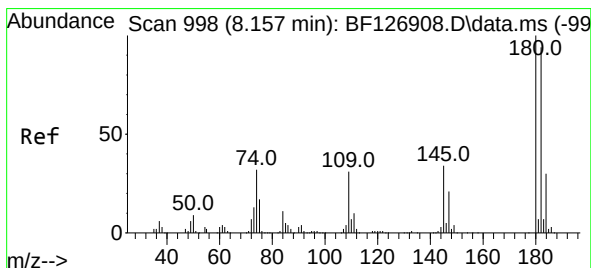
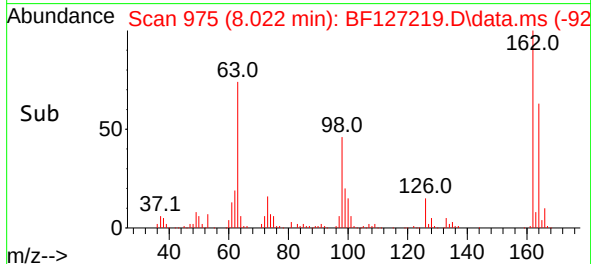
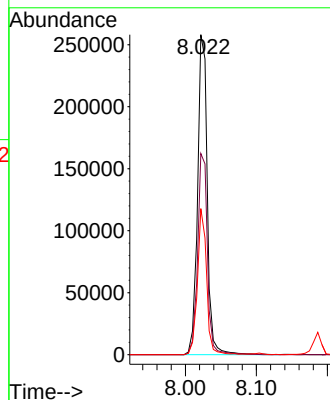
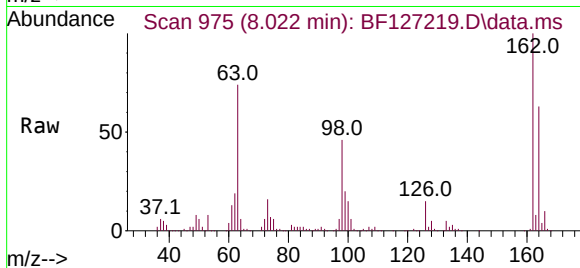
Tgt Ion:162 Resp: 245619

Ion Ratio Lower Upper

162 100

164 62.8 43.8 83.8

98 45.7 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 46.129 ng

RT: 8.104 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

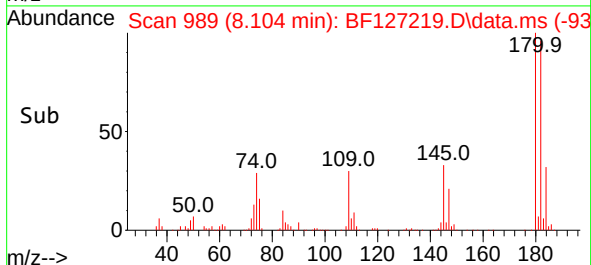
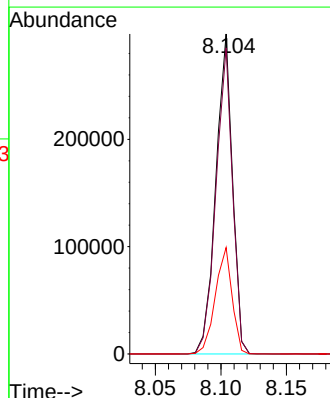
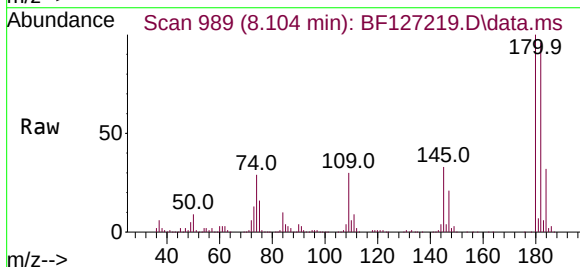
Tgt Ion:180 Resp: 262847

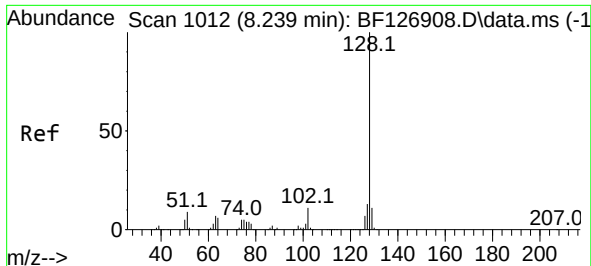
Ion Ratio Lower Upper

180 100

182 95.6 75.5 113.3

145 33.2 26.2 39.2

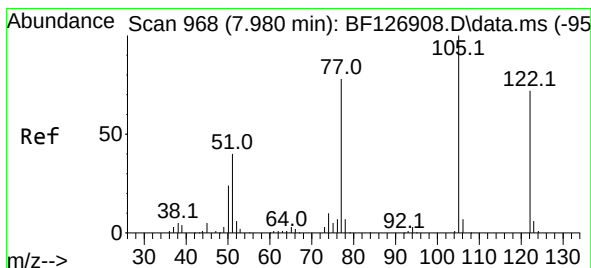
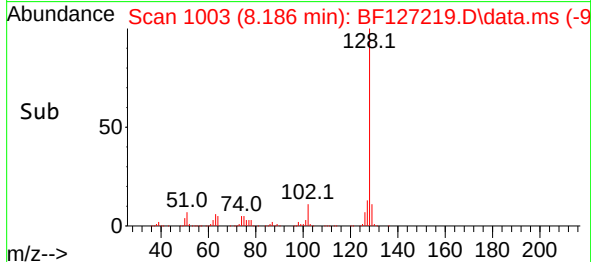
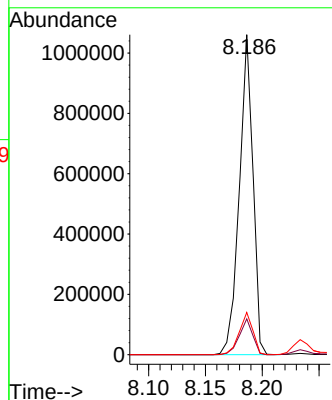
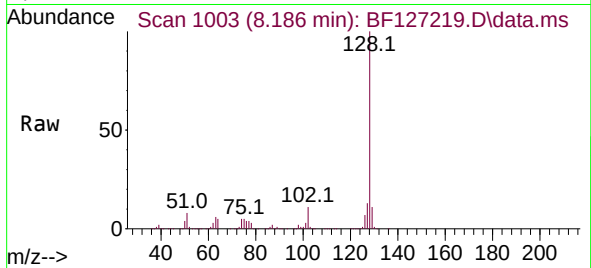




#31
Naphthalene
Concen: 45.664 ng
RT: 8.186 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

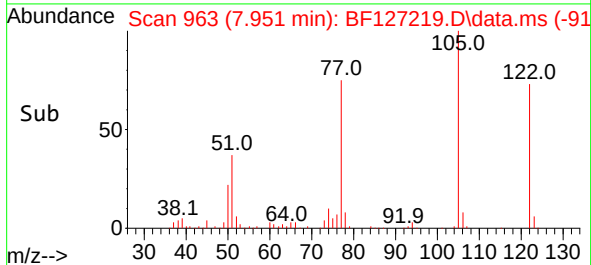
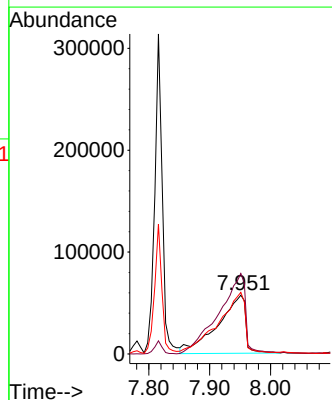
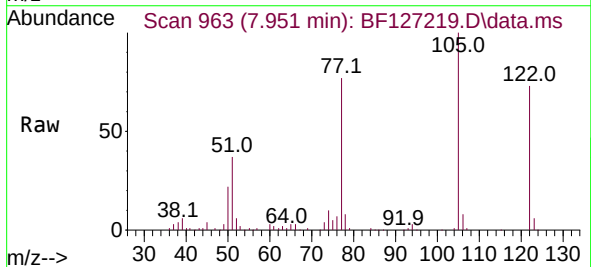
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

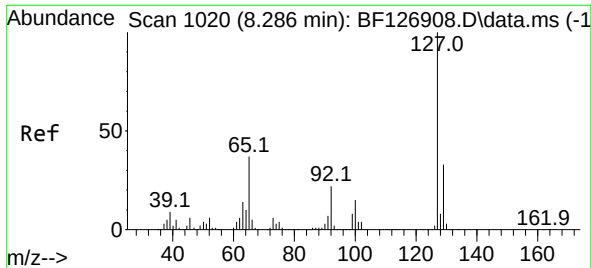
Tgt Ion:128 Resp: 882760
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 47.165 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:122 Resp: 181329
Ion Ratio Lower Upper
122 100
105 136.9 101.0 141.0
77 104.8 74.5 114.5

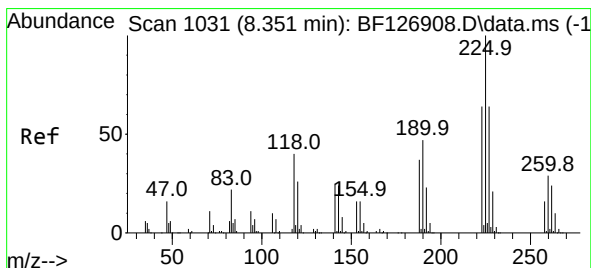
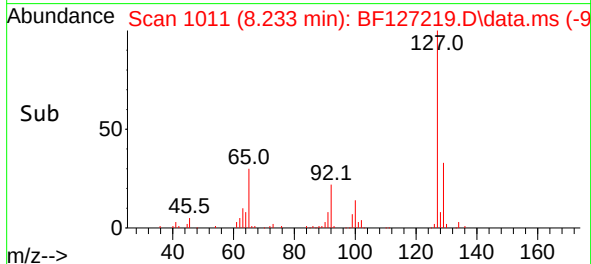
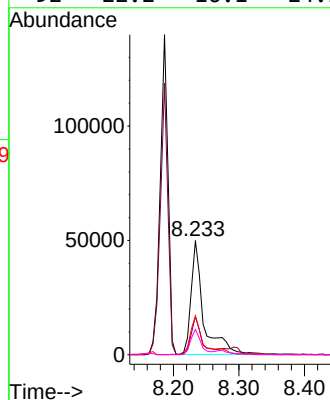
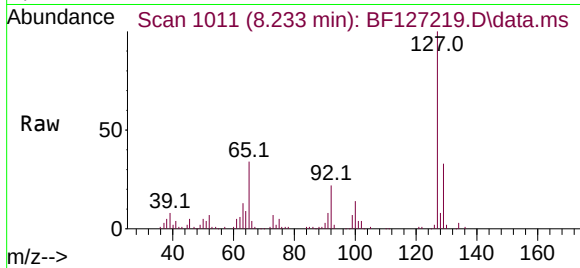




#33
4-Chloroaniline
Concen: 8.761 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

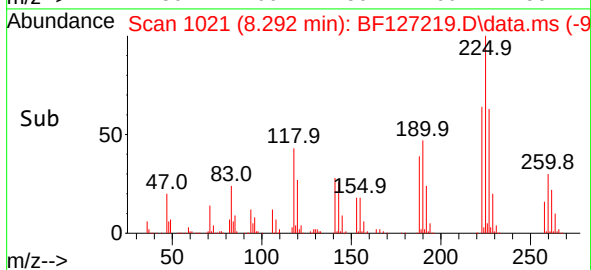
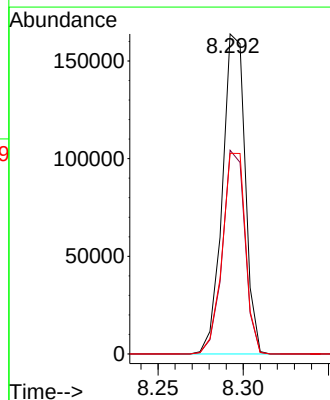
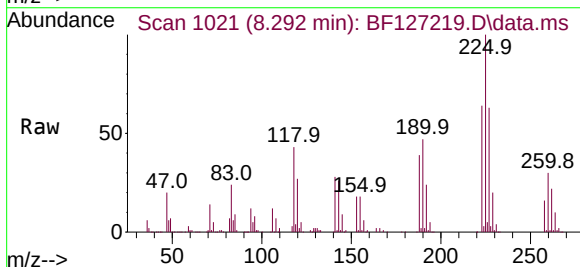
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

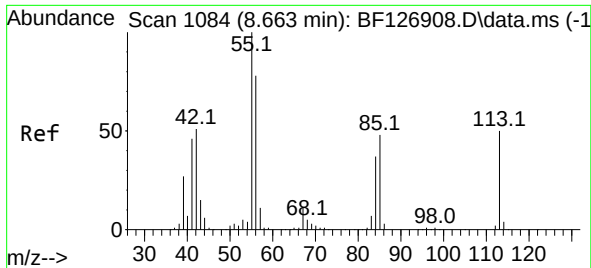
Tgt Ion:	127	Resp:	66664
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	33.9	26.6	39.8
92	22.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.666 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:	225	Resp:	151912
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.6	73.0
227	62.7	51.4	77.0

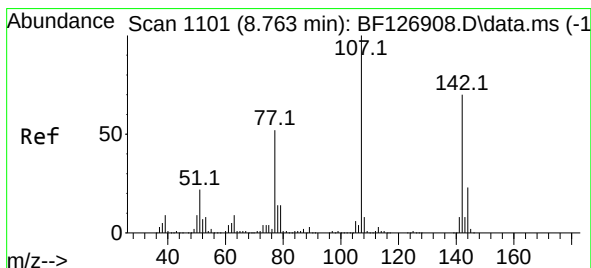
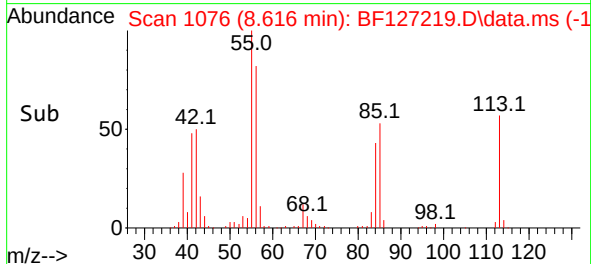
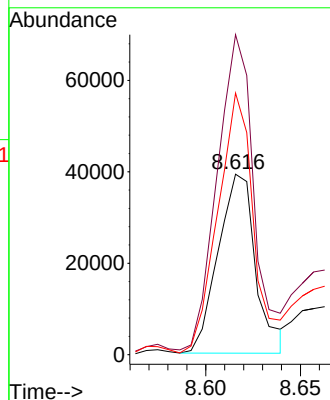
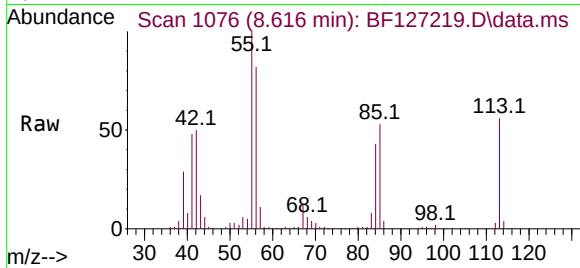




#35
 Caprolactam
 Concen: 30.285 ng
 RT: 8.616 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

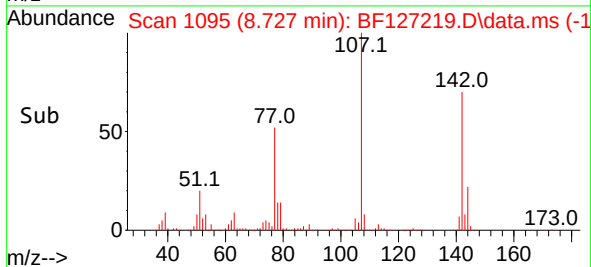
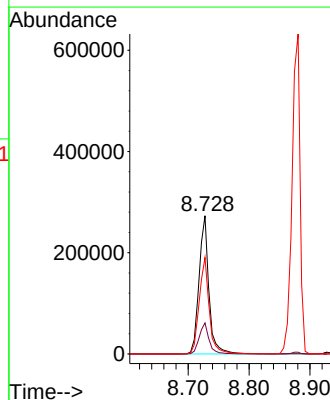
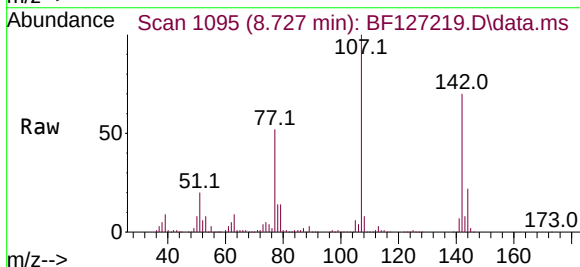
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MS

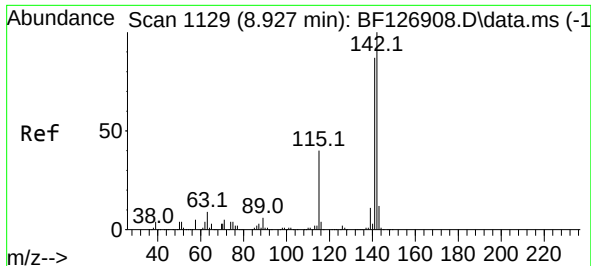
Tgt Ion:113 Resp: 53902
 Ion Ratio Lower Upper
 113 100
 55 177.4 183.9 223.9#
 56 145.0 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.372 ng
 RT: 8.727 min Scan# 1095
 Delta R.T. 0.012 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

Tgt Ion:107 Resp: 308566
 Ion Ratio Lower Upper
 107 100
 144 22.5 18.5 27.7
 142 69.8 58.1 87.1





#37

2-Methylnaphthalene

Concen: 46.116 ng

RT: 8.880 min Scan# 1129

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

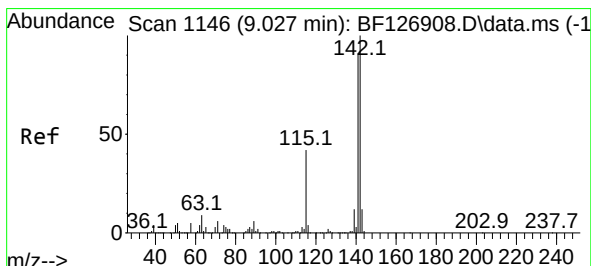
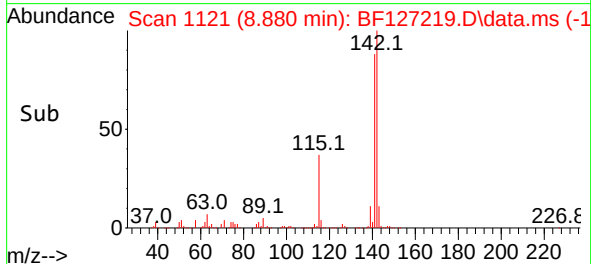
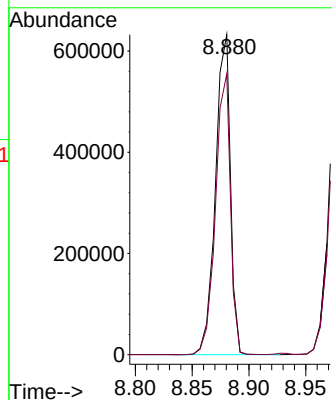
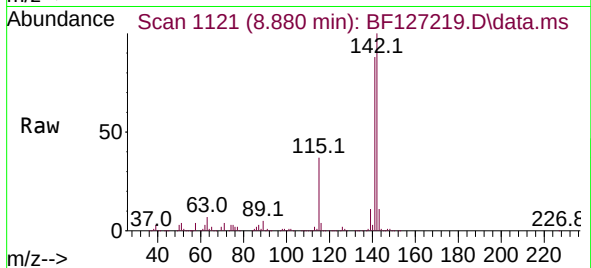
DUM-13MS

Tgt Ion:142 Resp: 578474

Ion Ratio Lower Upper

142 100

141 87.7 68.6 102.8



#38

1-Methylnaphthalene

Concen: 46.089 ng

RT: 8.980 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BF127219.D

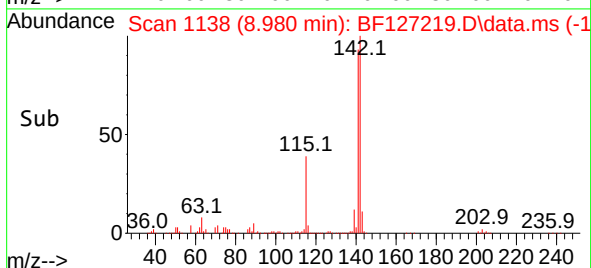
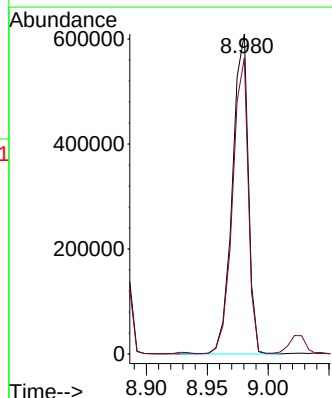
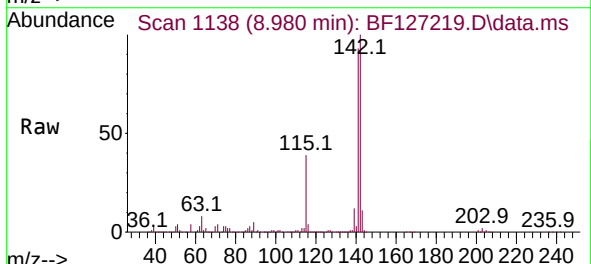
Acq: 07 Mar 2022 13:02

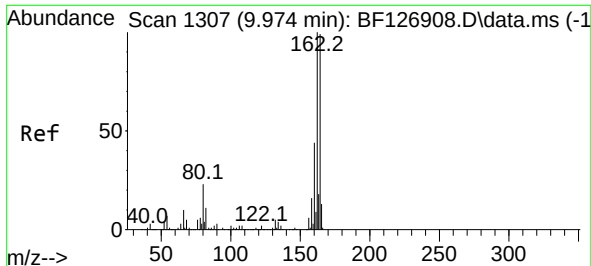
Tgt Ion:142 Resp: 553620

Ion Ratio Lower Upper

142 100

141 92.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

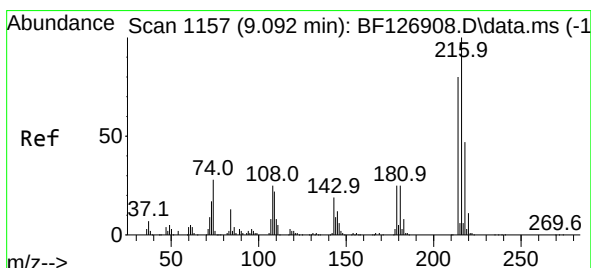
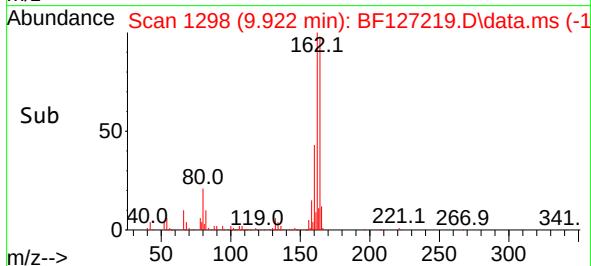
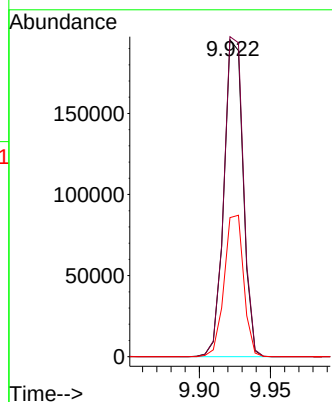
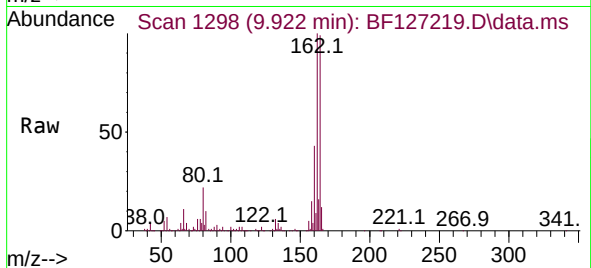
Tgt Ion:164 Resp: 183818

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 43.9 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.273 ng

RT: 9.045 min Scan# 1149

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Tgt Ion:216 Resp: 243260

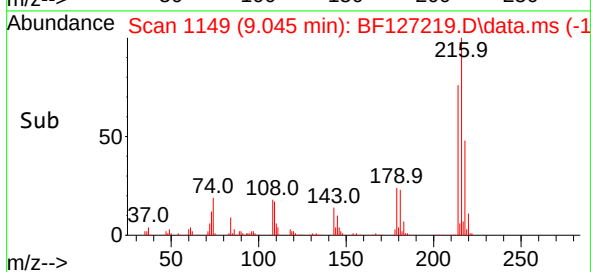
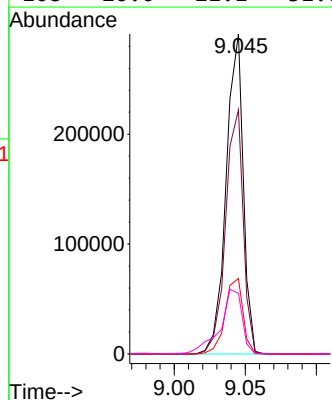
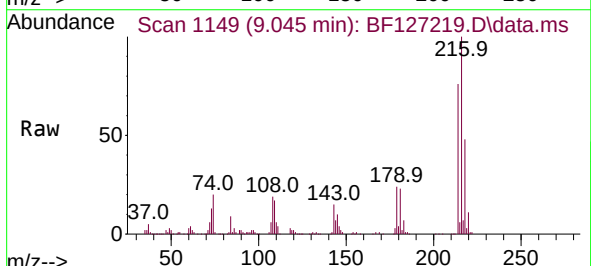
Ion Ratio Lower Upper

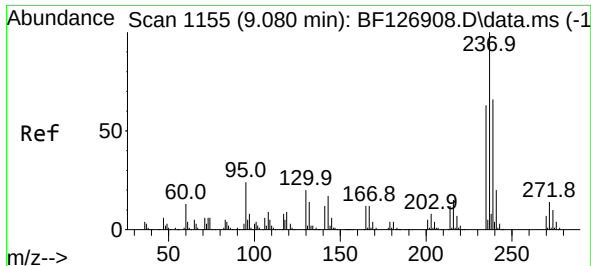
216 100

214 78.6 64.6 96.8

179 24.7 19.5 29.3

108 26.0 21.1 31.7

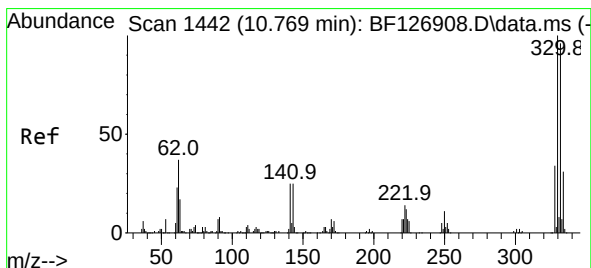
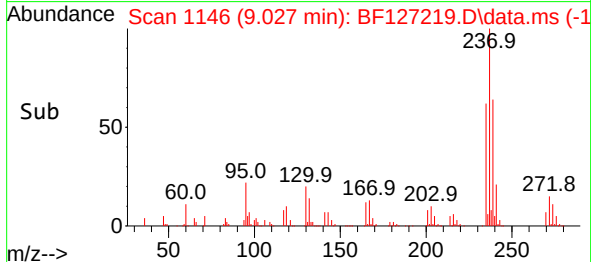
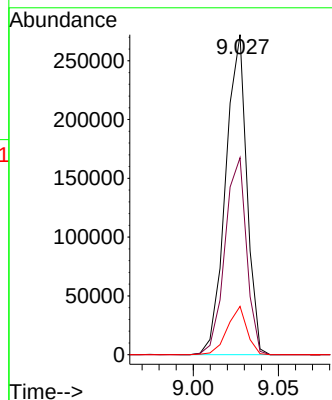
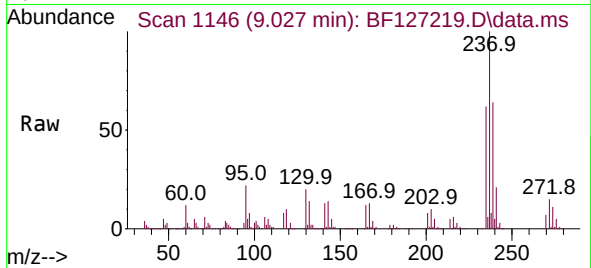




#41
Hexachlorocyclopentadiene
Concen: 89.720 ng
RT: 9.027 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

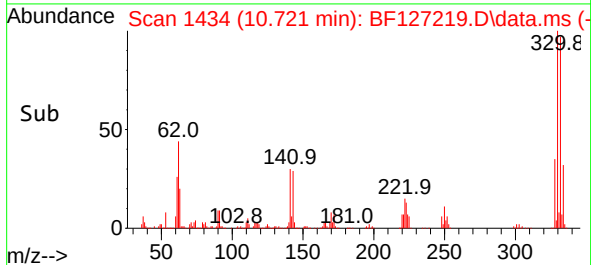
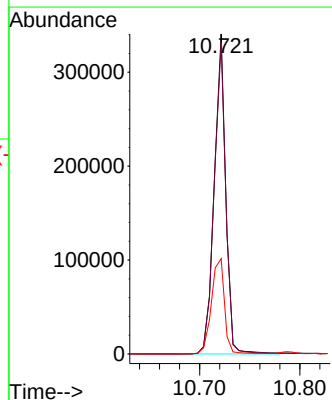
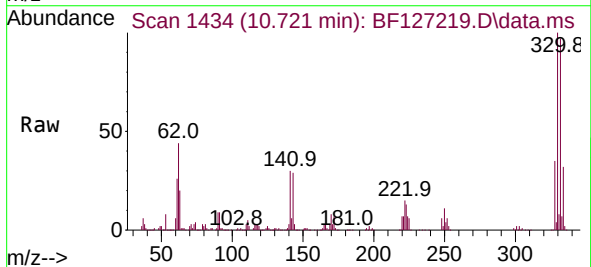
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

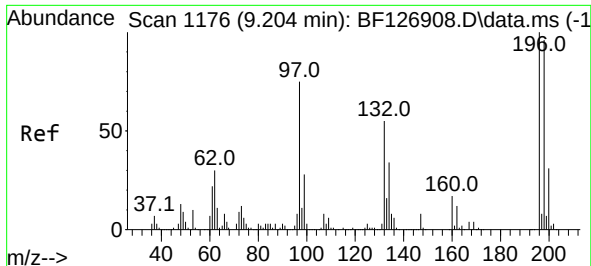
Tgt Ion:237 Resp: 235456
Ion Ratio Lower Upper
237 100
235 61.6 38.9 78.9
272 15.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 128.274 ng
RT: 10.721 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:330 Resp: 271481
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 34.1 30.1 45.1

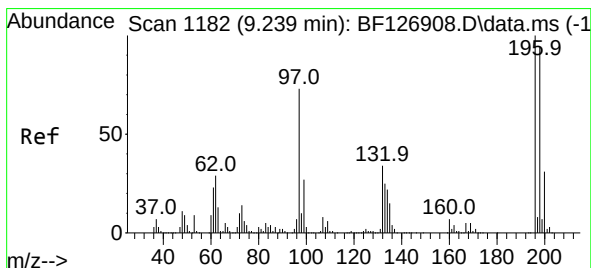
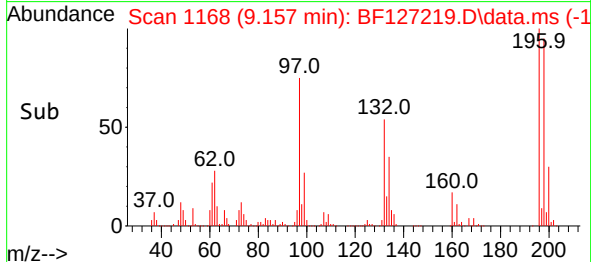
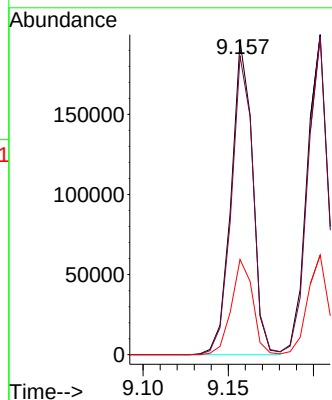
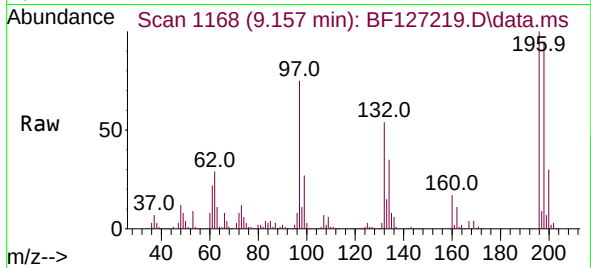




#43
2,4,6-Trichlorophenol
Concen: 48.224 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

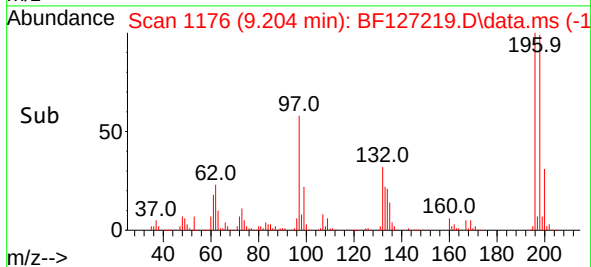
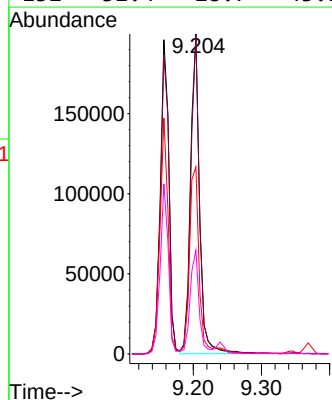
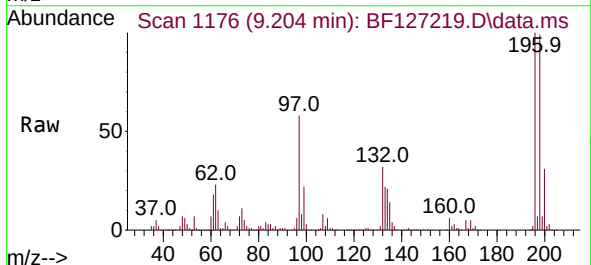
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

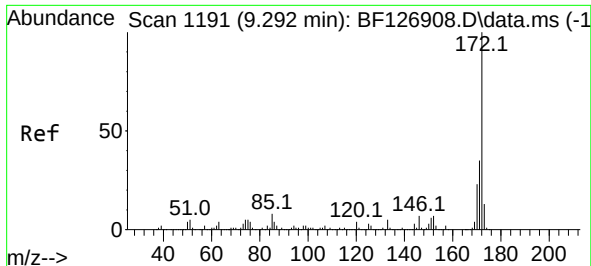
Tgt Ion:196 Resp: 171145
Ion Ratio Lower Upper
196 100
198 95.0 78.5 117.7
200 30.3 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 49.178 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:196 Resp: 183658
Ion Ratio Lower Upper
196 100
198 99.4 82.0 123.0
97 58.4 53.5 80.3
132 32.4 28.7 43.1

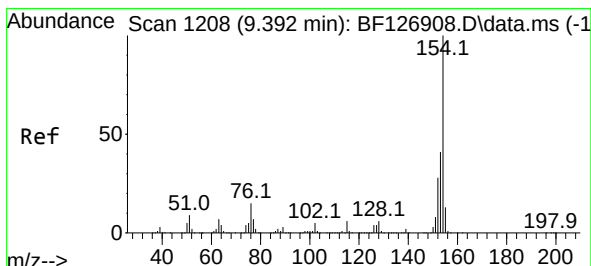
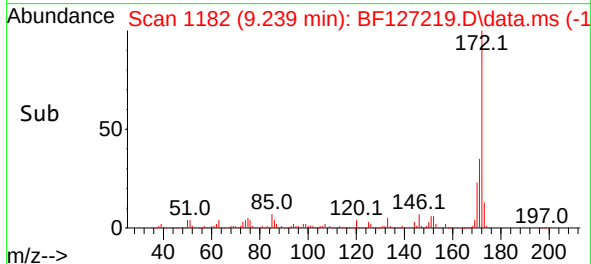
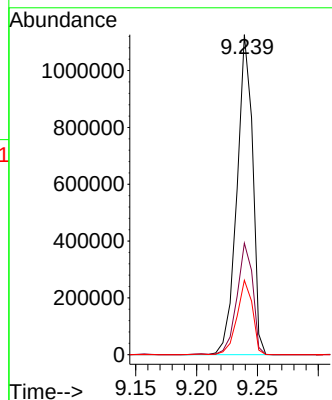
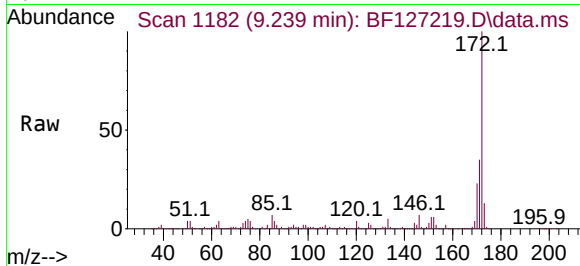




#45
2-Fluorobiphenyl
Concen: 80.541 ng
RT: 9.239 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

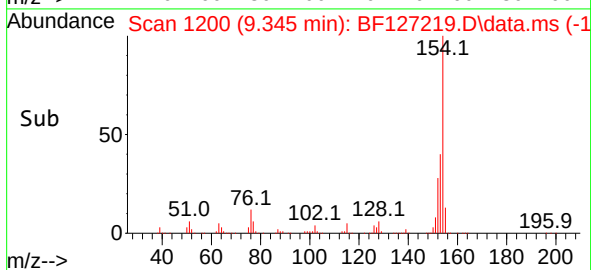
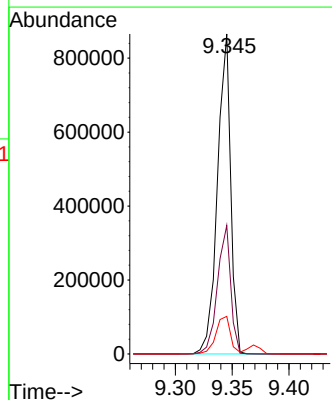
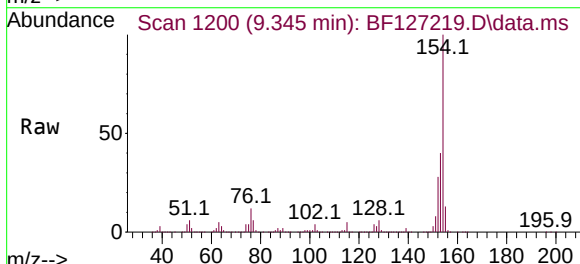
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

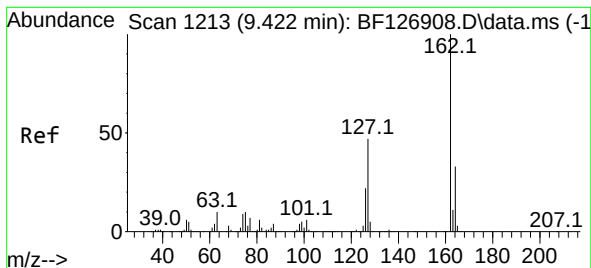
Tgt Ion:172 Resp: 1005667
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.051 ng
RT: 9.345 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:154 Resp: 699792
Ion Ratio Lower Upper
154 100
153 40.1 19.0 59.0
76 11.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 48.333 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

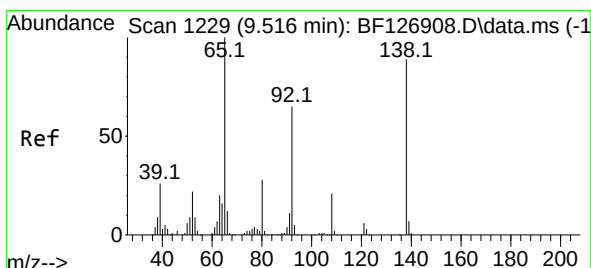
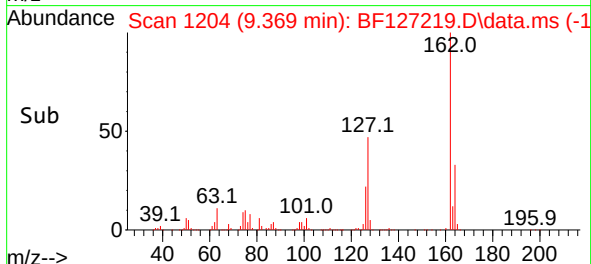
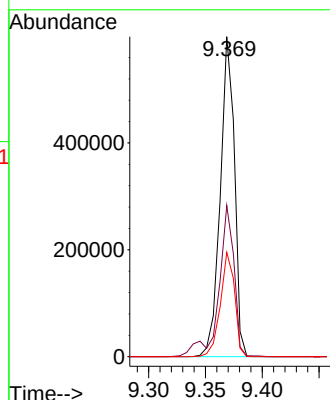
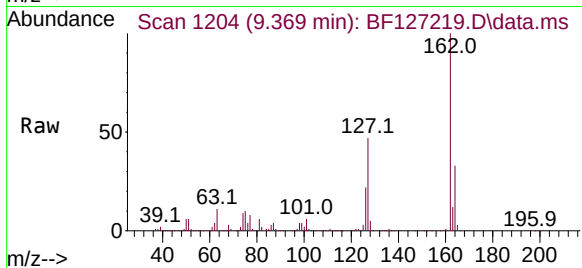
Tgt Ion:162 Resp: 521987

Ion Ratio Lower Upper

162 100

127 47.3 33.5 50.3

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 45.761 ng

RT: 9.469 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

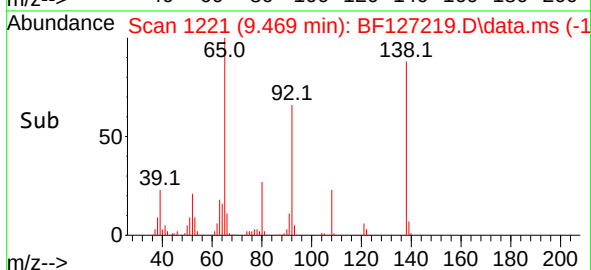
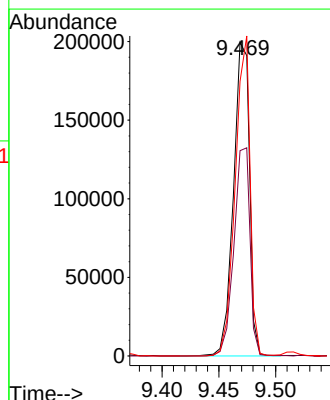
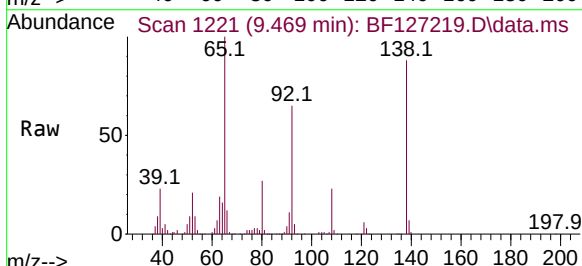
Tgt Ion: 65 Resp: 195023

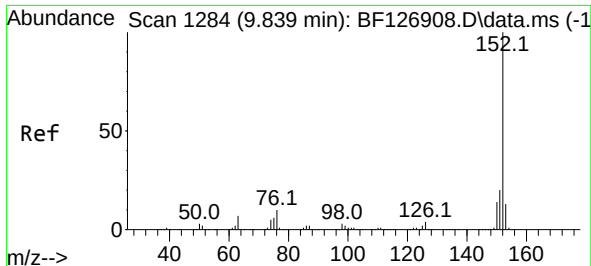
Ion Ratio Lower Upper

65 100

92 65.5 54.4 81.6

138 87.6 72.5 108.7

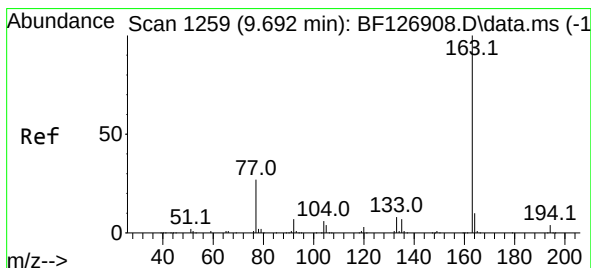
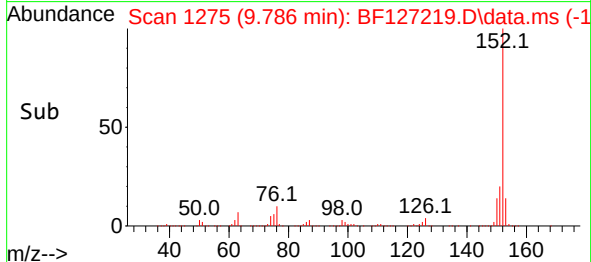
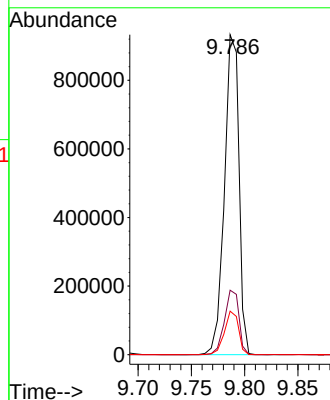
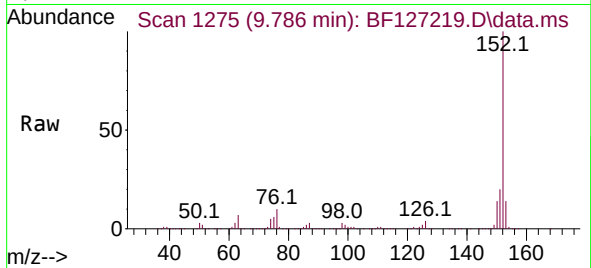




#49
Acenaphthylene
Concen: 50.241 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

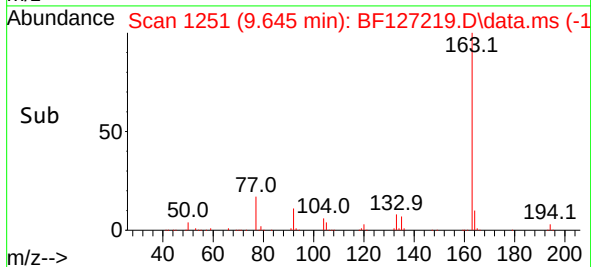
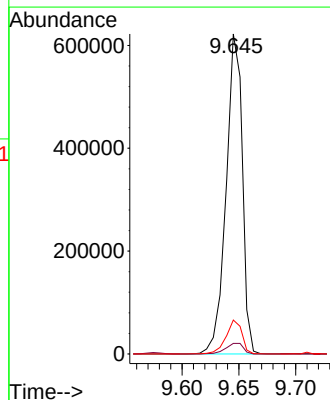
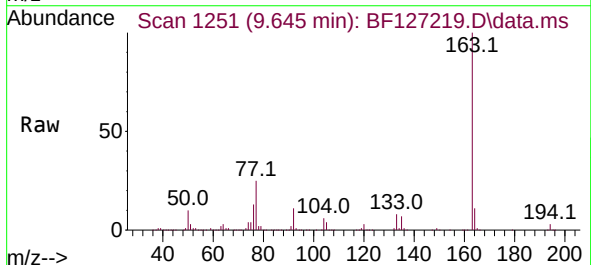
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

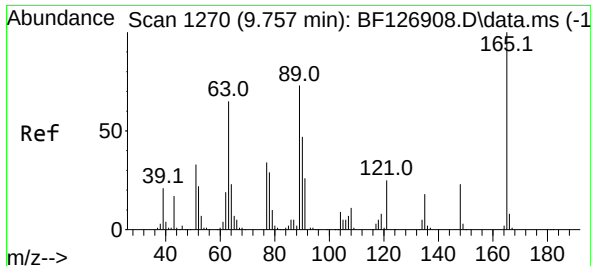
Tgt Ion:152 Resp: 881364
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.6 11.4 17.0



#50
Dimethylphthalate
Concen: 47.077 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:163 Resp: 618543
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.6 7.8 11.8

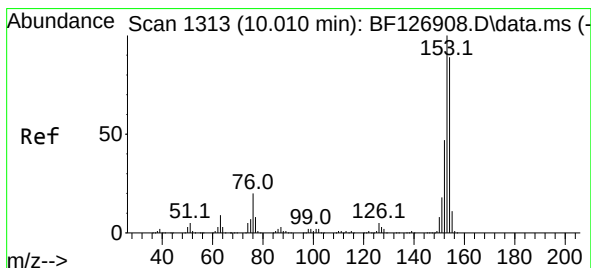
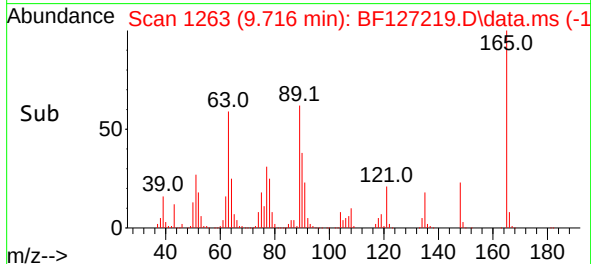
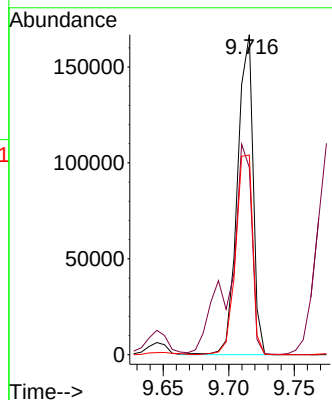
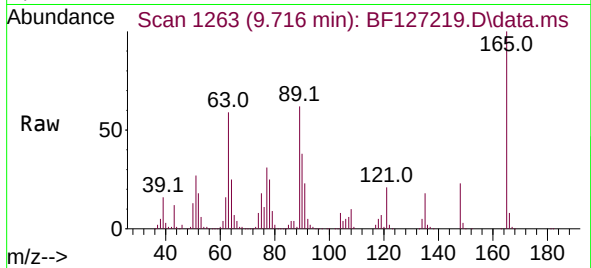




#51
2,6-Dinitrotoluene
Concen: 51.998 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

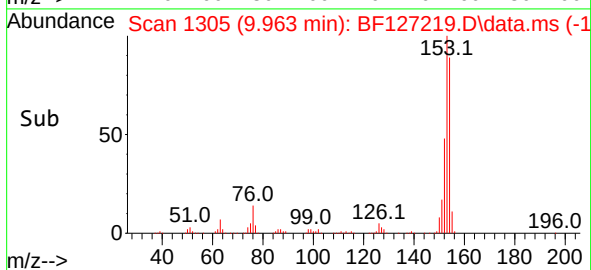
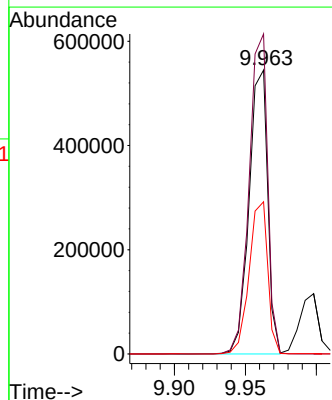
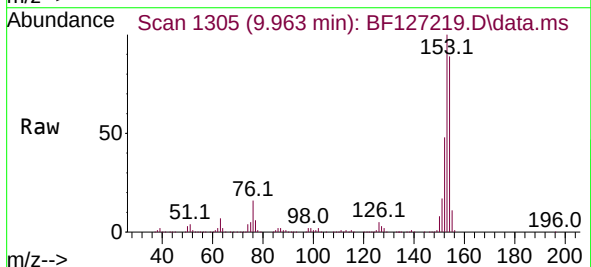
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

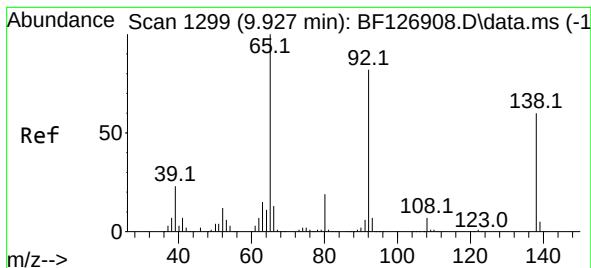
Tgt Ion:165 Resp: 139002
Ion Ratio Lower Upper
165 100
63 58.5 48.4 72.6
89 62.4 50.5 75.7



#52
Acenaphthene
Concen: 43.519 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:154 Resp: 496507
Ion Ratio Lower Upper
154 100
153 112.7 87.8 131.6
152 53.6 39.4 59.2





#53

3-Nitroaniline

Concen: 20.121 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

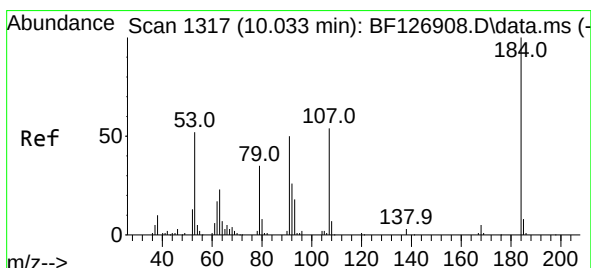
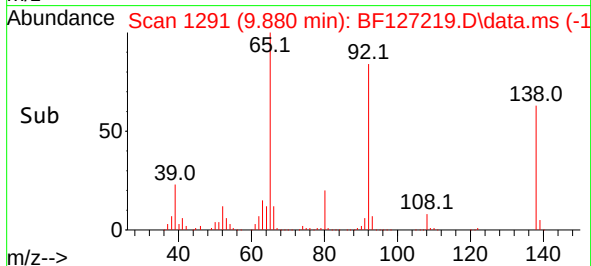
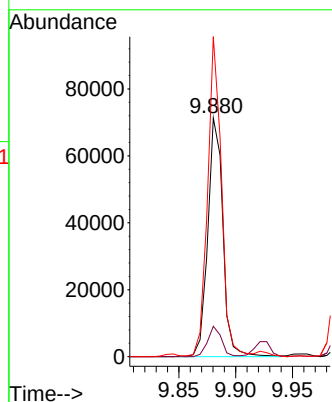
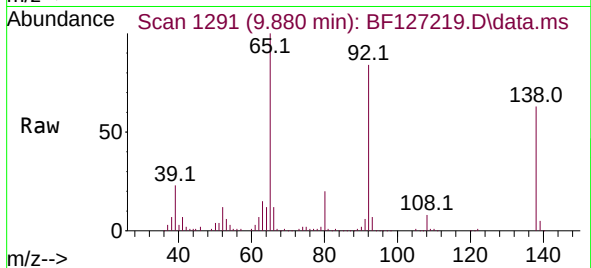
Tgt Ion:138 Resp: 65748

Ion Ratio Lower Upper

138 100

108 12.8 8.6 13.0

92 134.1 105.0 157.6



#54

2,4-Dinitrophenol

Concen: 100.790 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.012 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

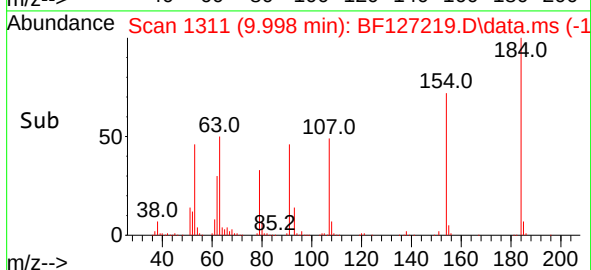
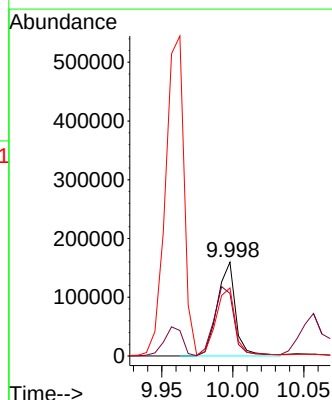
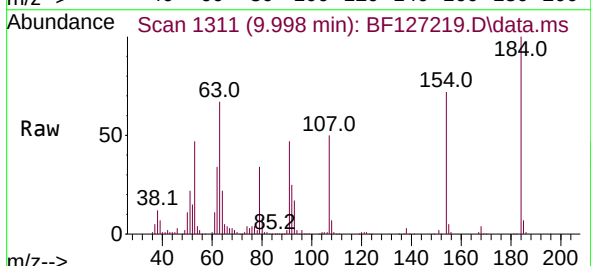
Tgt Ion:184 Resp: 142609

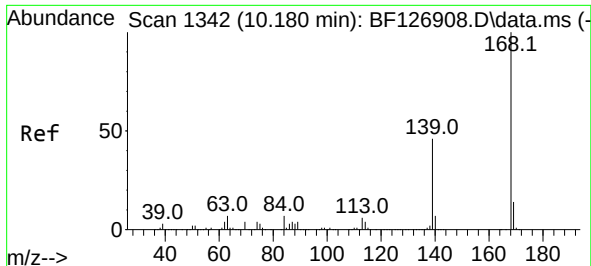
Ion Ratio Lower Upper

184 100

63 66.7 70.4 105.6#

154 72.4 49.7 74.5

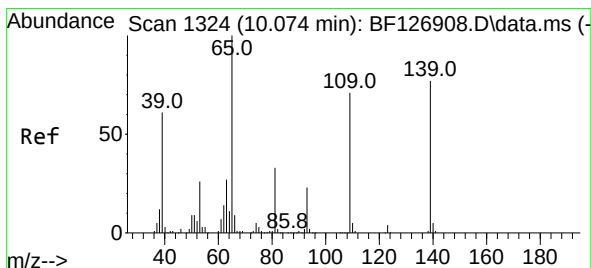
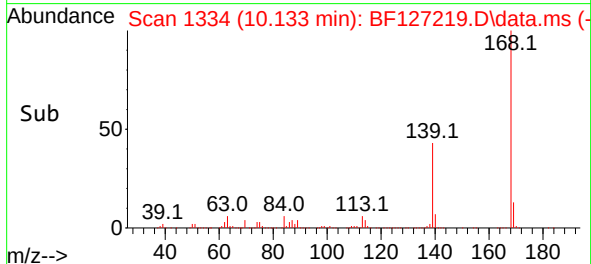
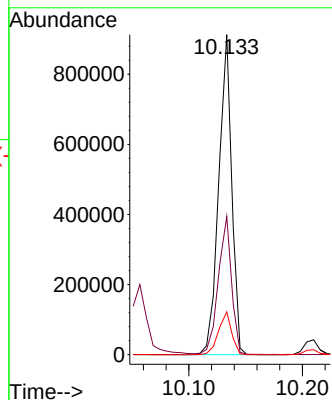
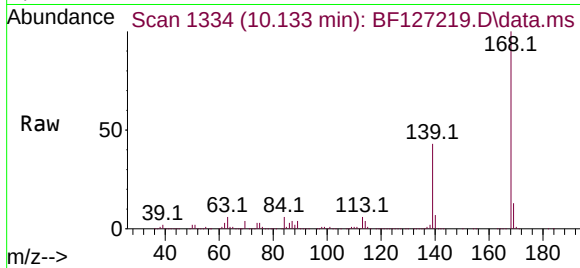




#55
Dibenzenofuran
Concen: 46.424 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

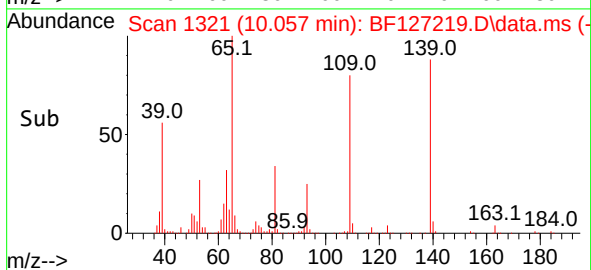
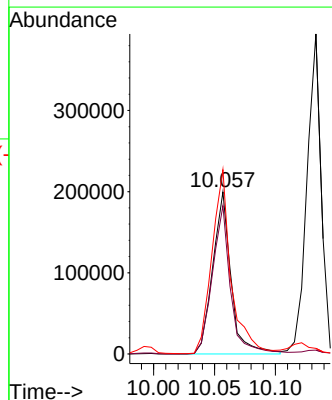
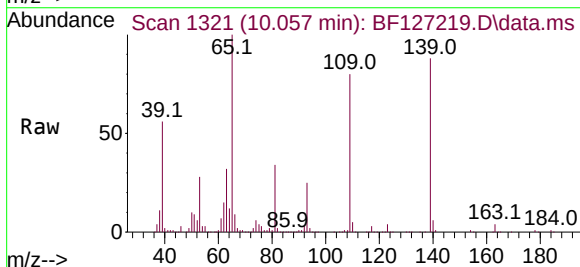
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

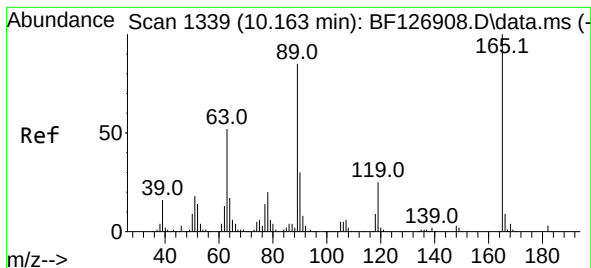
Tgt Ion:168 Resp: 728310
Ion Ratio Lower Upper
168 100
139 43.2 30.6 46.0
169 13.4 10.0 15.0



#56
4-Nitrophenol
Concen: 86.665 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:139 Resp: 209161
Ion Ratio Lower Upper
139 100
109 91.4 44.1 84.1#
65 113.7 85.5 125.5

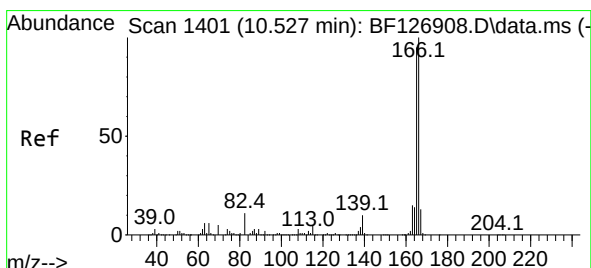
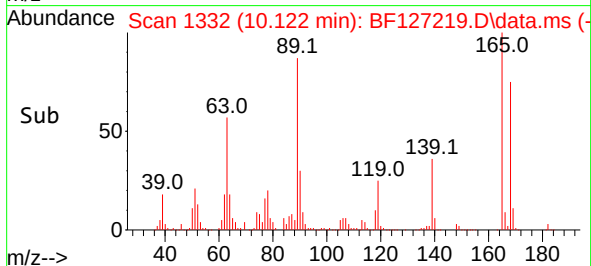
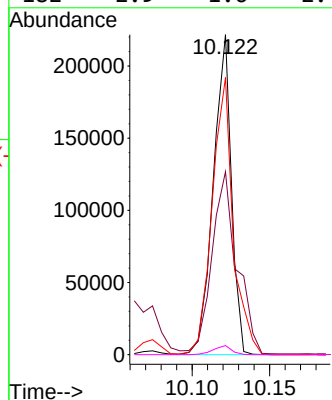
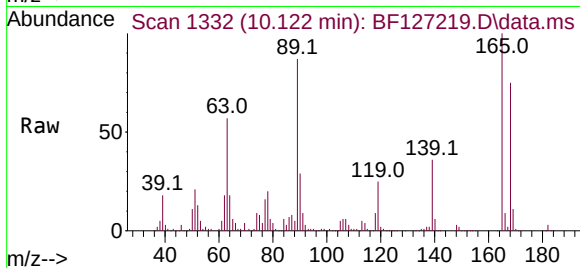




#57
2,4-Dinitrotoluene
Concen: 49.803 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

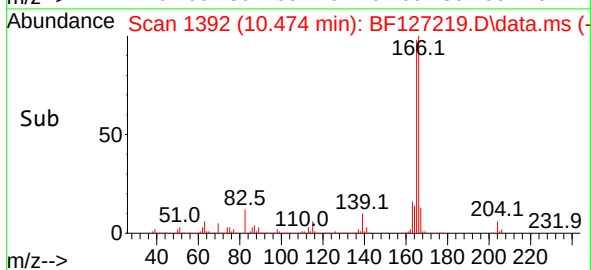
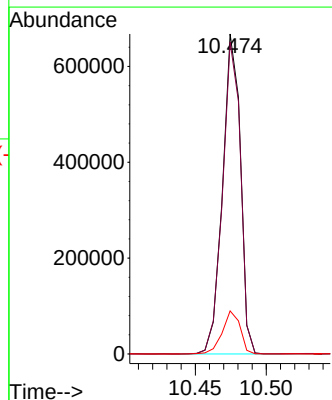
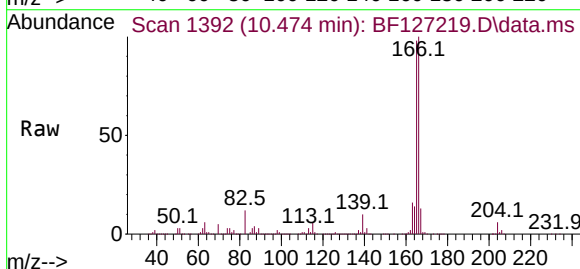
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

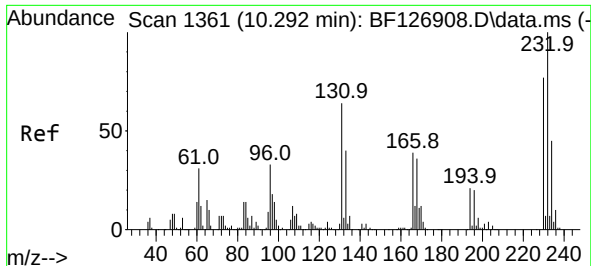
Tgt Ion:165 Resp: 180007
Ion Ratio Lower Upper
165 100
63 57.2 43.0 64.6
89 86.6 71.0 106.4
182 2.9 1.6 2.4#



#58
Fluorene
Concen: 47.594 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:166 Resp: 581608
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 13.4 10.7 16.1

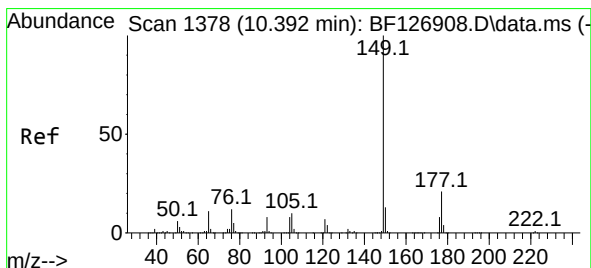
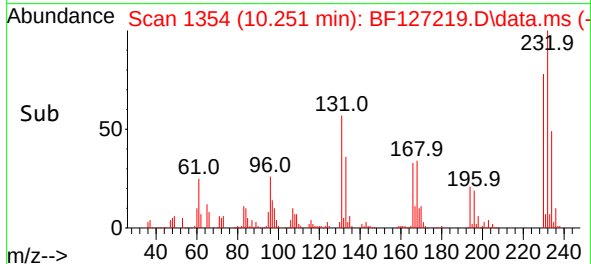
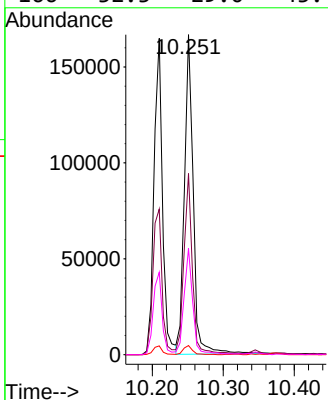
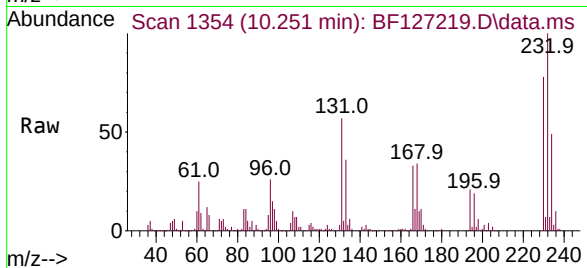




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.690 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

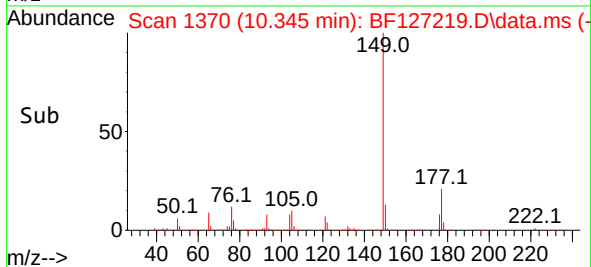
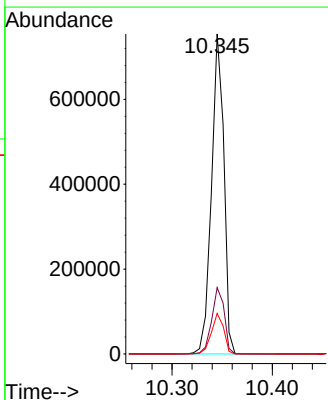
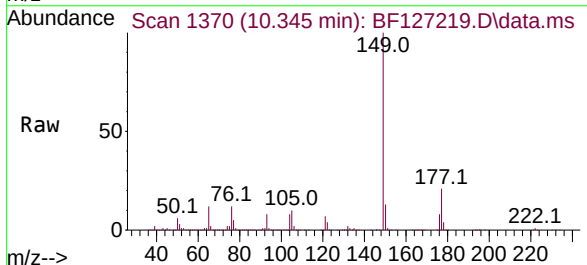
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

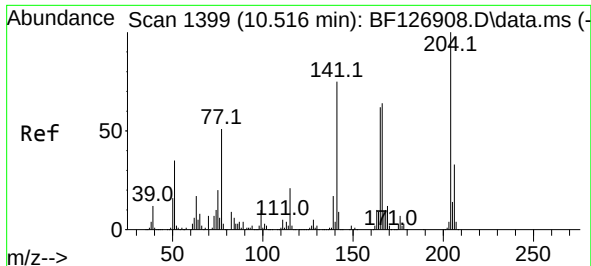
Tgt Ion:232 Resp: 144158
Ion Ratio Lower Upper
232 100
131 53.2 50.0 75.0
130 3.1 2.2 3.2
166 32.3 29.0 43.4



#60
Diethylphthalate
Concen: 47.021 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:149 Resp: 645555
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.6 9.8 14.8

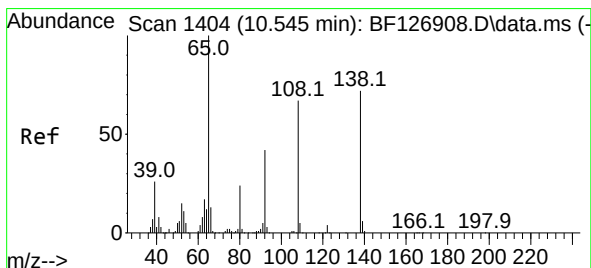
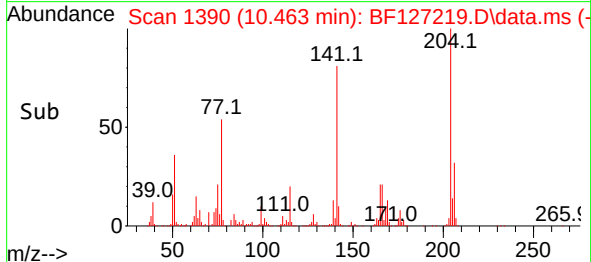
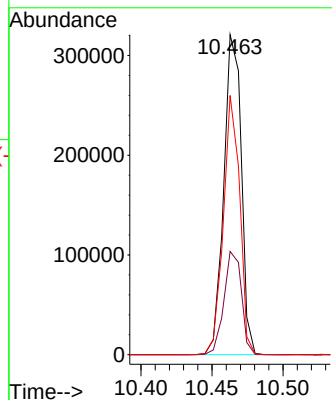
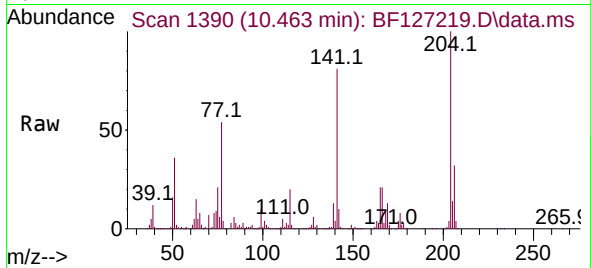




#61
4-Chlorophenyl-phenylether
Concen: 47.682 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

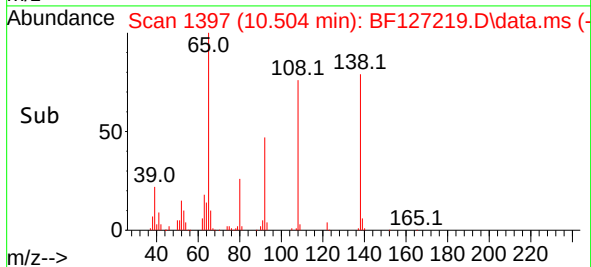
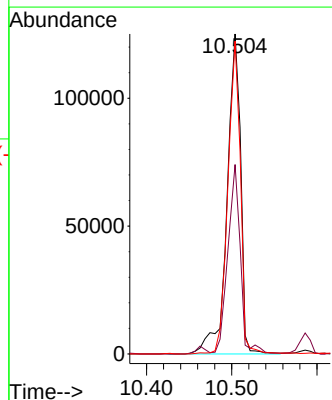
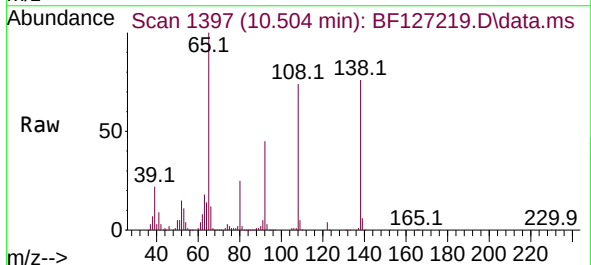
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

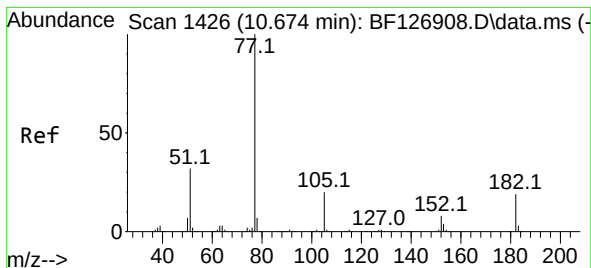
Tgt Ion:204 Resp: 274753
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 81.0 59.0 88.6



#62
4-Nitroaniline
Concen: 42.964 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:138 Resp: 138635
Ion Ratio Lower Upper
138 100
92 59.2 36.2 76.2
108 97.7 46.7 86.7#





#63

Azobenzene

Concen: 42.535 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

Tgt Ion: 77 Resp: 650261

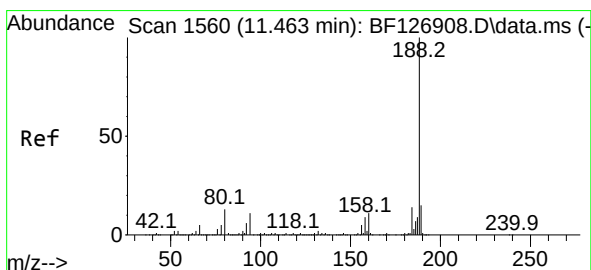
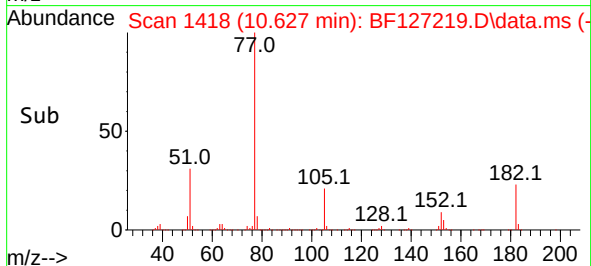
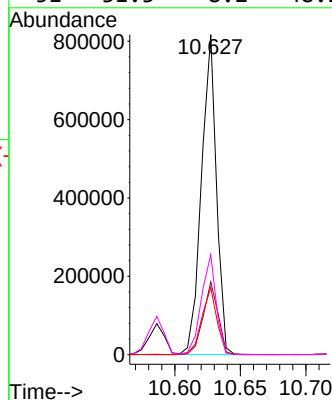
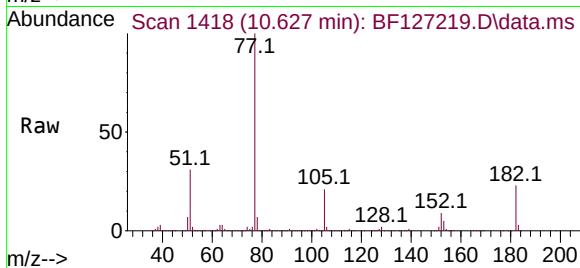
Ion Ratio Lower Upper

77 100

182 22.8 0.0 39.0

105 20.9 3.2 43.2

51 31.3 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

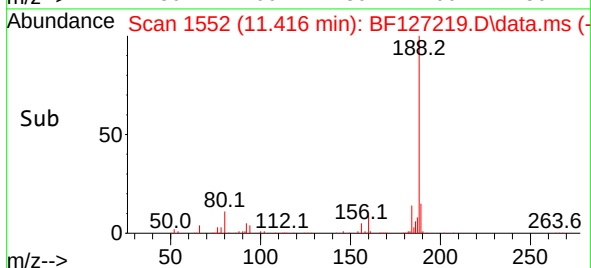
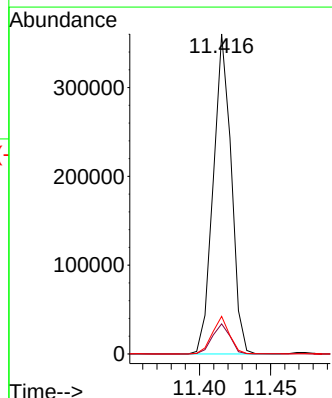
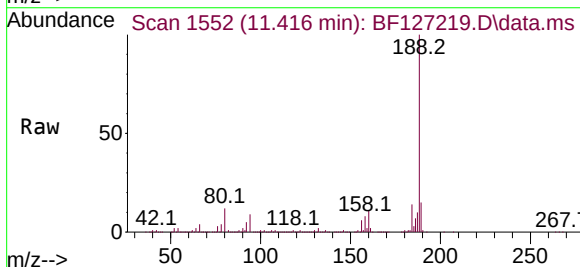
Tgt Ion: 188 Resp: 317870

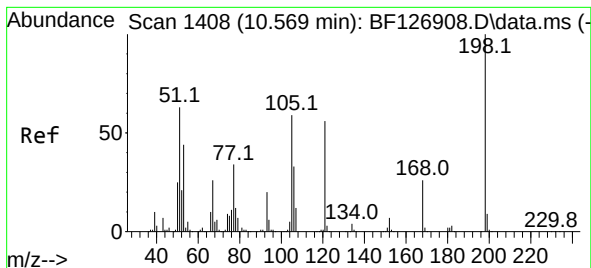
Ion Ratio Lower Upper

188 100

94 9.4 10.1 15.1#

80 11.8 11.8 17.6

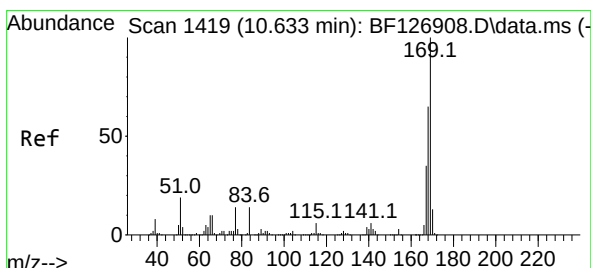
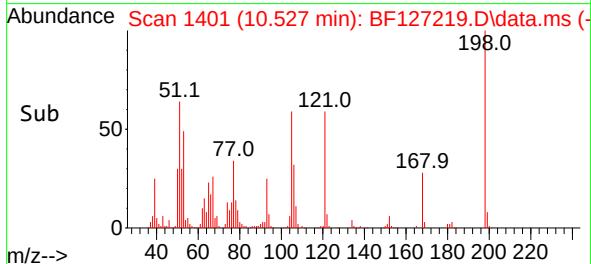
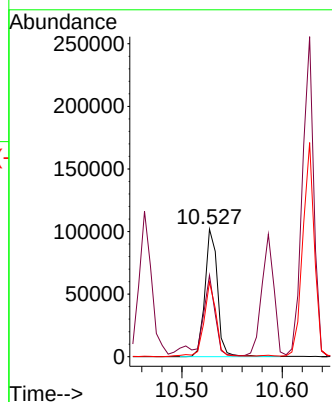
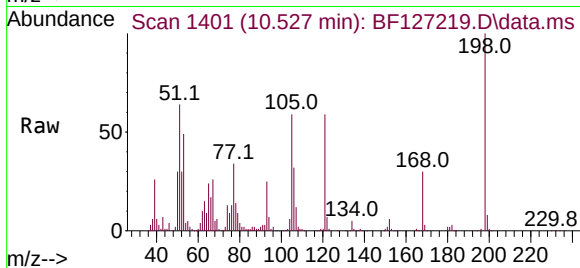




#65
4,6-Dinitro-2-methylphenol
Concen: 47.914 ng
RT: 10.527 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

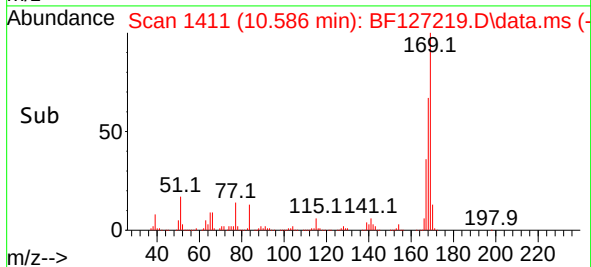
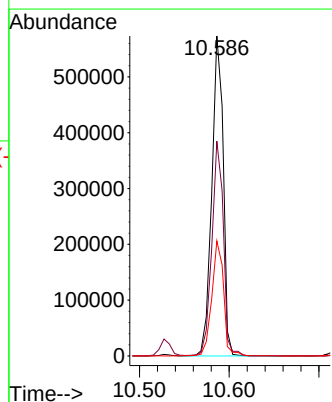
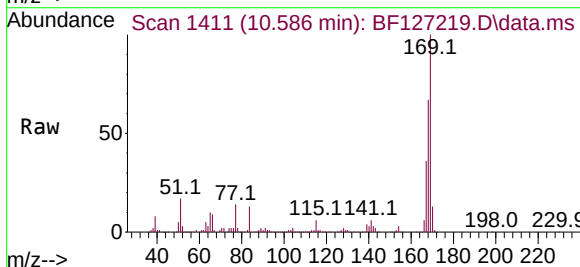
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

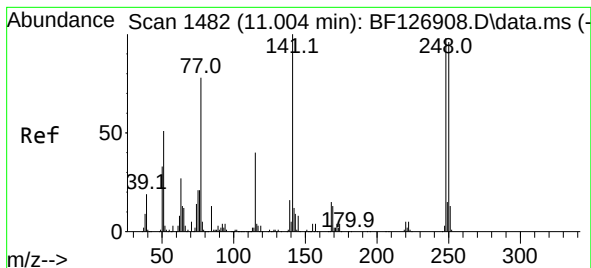
Tgt Ion:198 Resp: 89489
Ion Ratio Lower Upper
198 100
51 63.9 32.0 72.0
105 58.6 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 48.606 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:169 Resp: 506631
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 35.9 29.4 44.0

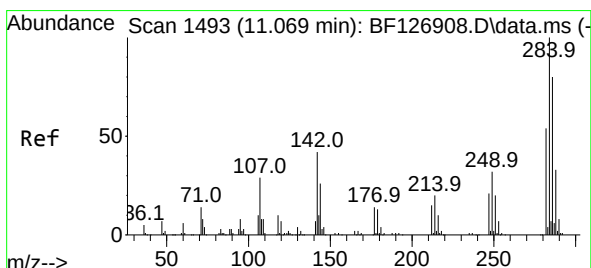
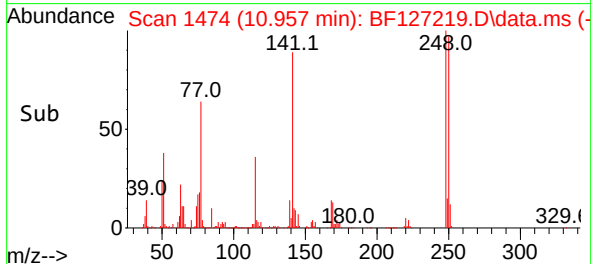
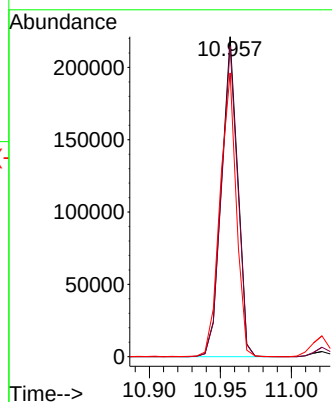
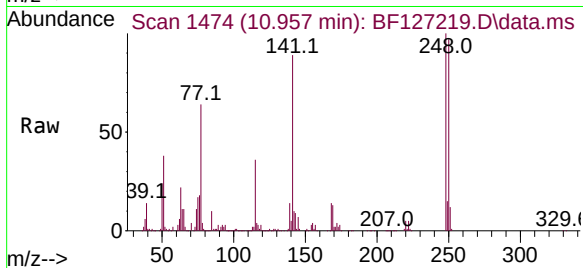




#67
4-Bromophenyl-phenylether
Concen: 49.287 ng
RT: 10.957 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

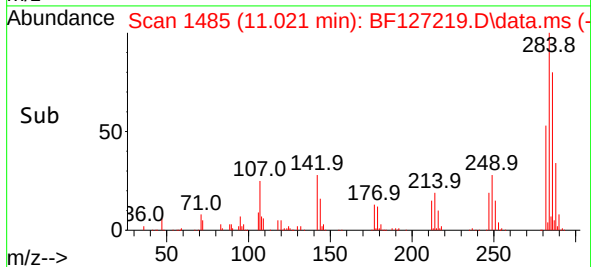
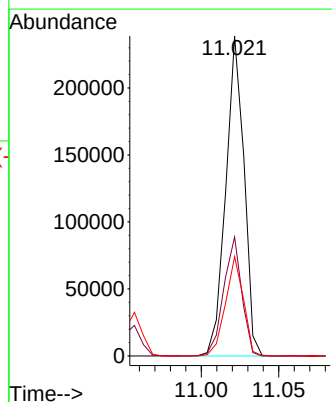
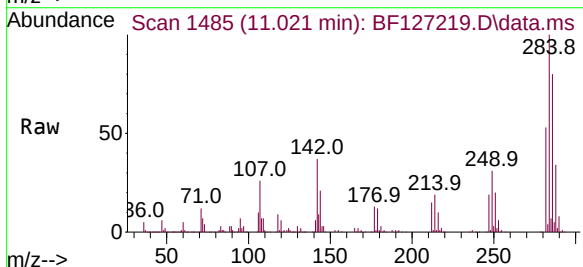
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

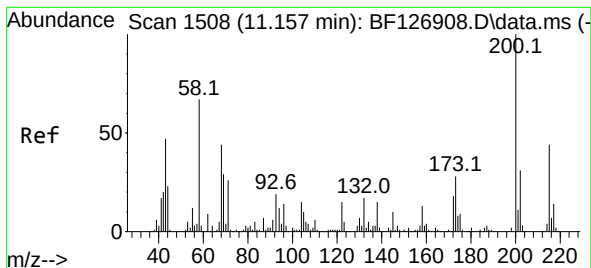
Tgt Ion:248 Resp: 175047
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 88.7 66.2 99.4



#68
Hexachlorobenzene
Concen: 51.180 ng
RT: 11.021 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:284 Resp: 195682
Ion Ratio Lower Upper
284 100
142 37.2 30.7 46.1
249 31.0 21.1 31.7





#69

Atrazine

Concen: 50.095 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

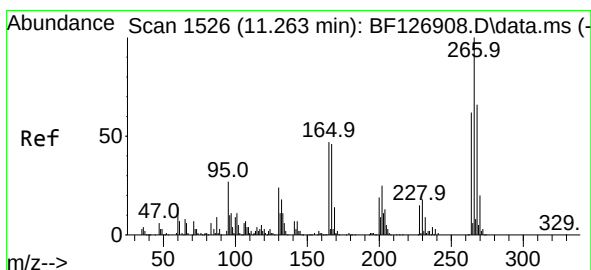
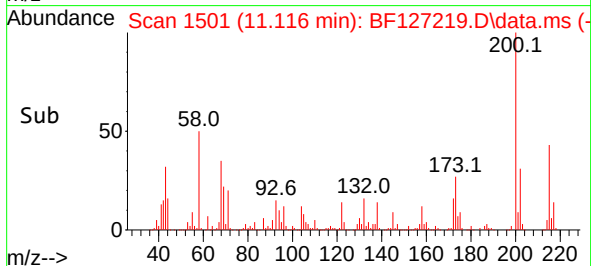
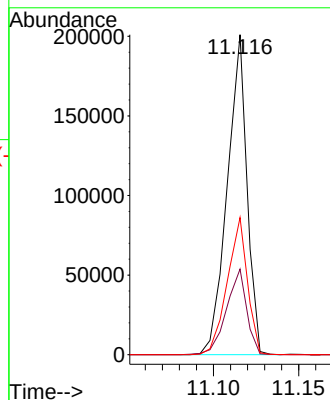
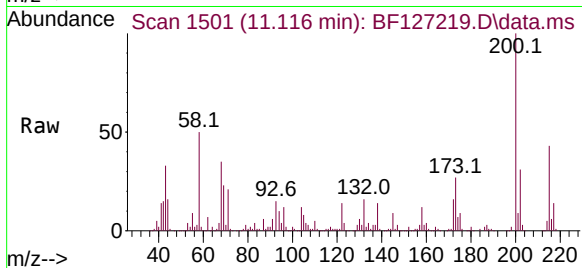
Tgt Ion:200 Resp: 161945

Ion Ratio Lower Upper

200 100

173 26.8 9.2 49.2

215 42.9 23.2 63.2



#70

Pentachlorophenol

Concen: 89.387 ng

RT: 11.221 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

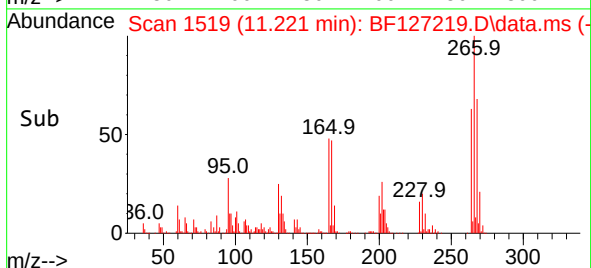
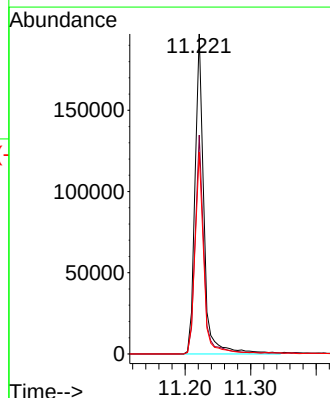
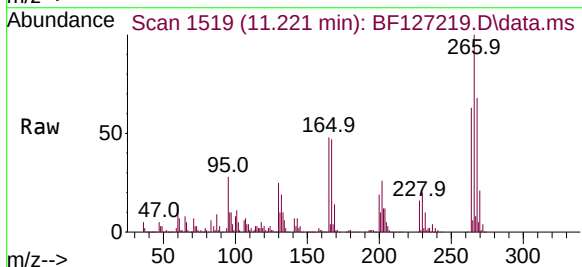
Tgt Ion:266 Resp: 186562

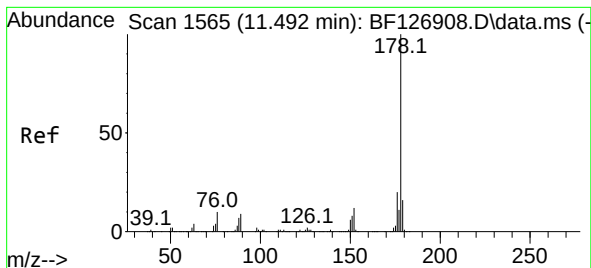
Ion Ratio Lower Upper

266 100

268 68.4 52.3 78.5

264 63.1 50.4 75.6





#71

Phenanthrene

Concen: 49.266 ng

RT: 11.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

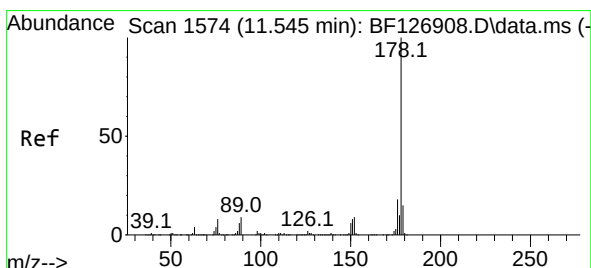
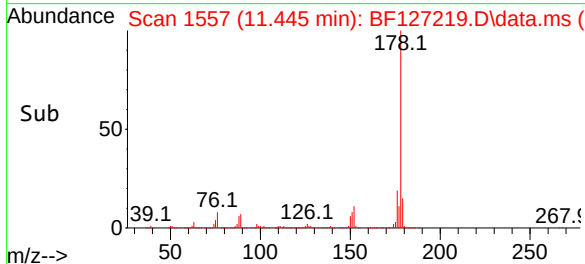
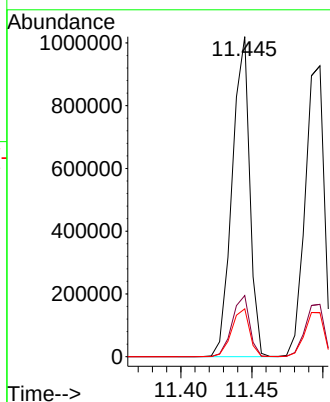
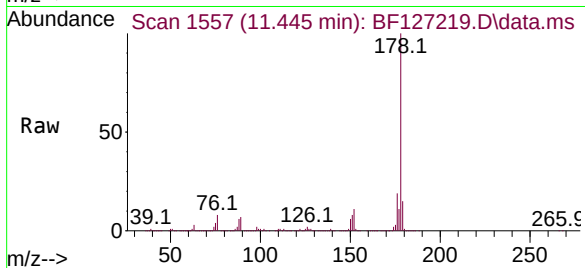
Tgt Ion:178 Resp: 876538

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 14.9 12.3 18.5



#72

Anthracene

Concen: 48.704 ng

RT: 11.498 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

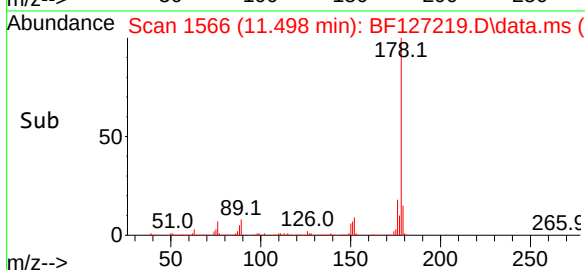
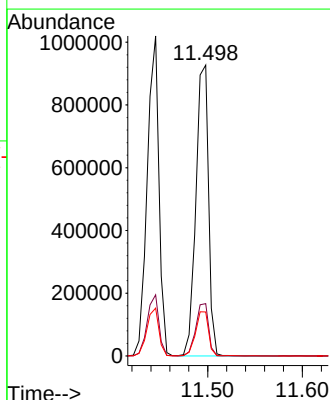
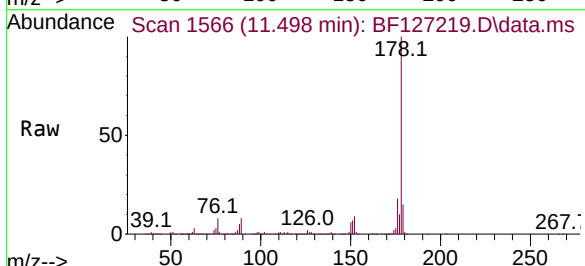
Tgt Ion:178 Resp: 862641

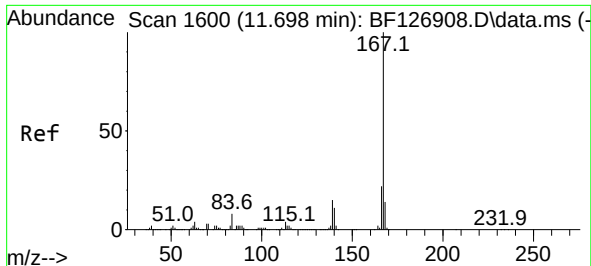
Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.6

179 15.2 12.5 18.7

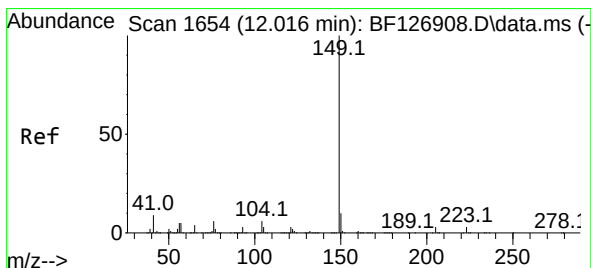
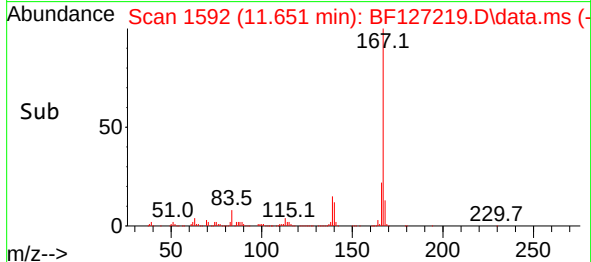
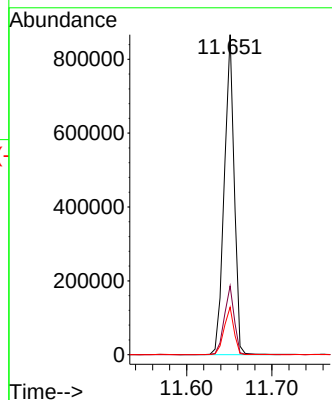
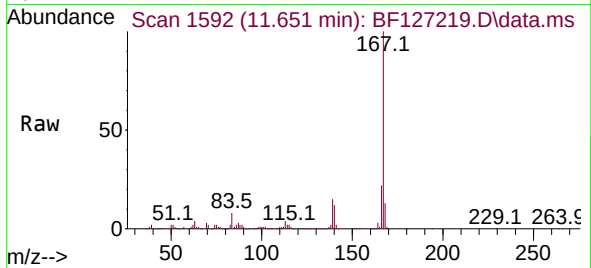




#73
 Carbazole
 Concen: 43.158 ng
 RT: 11.651 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

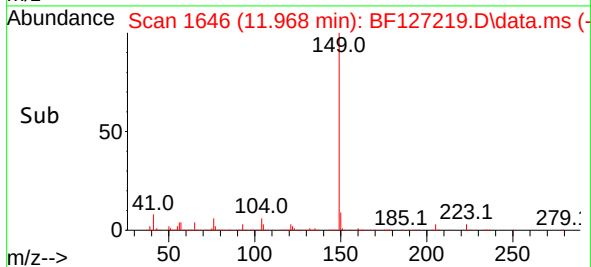
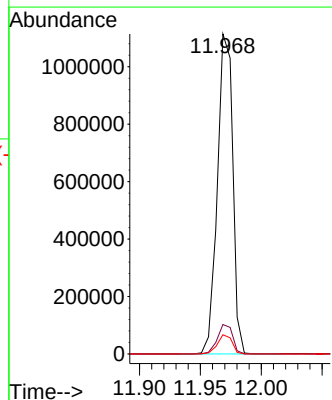
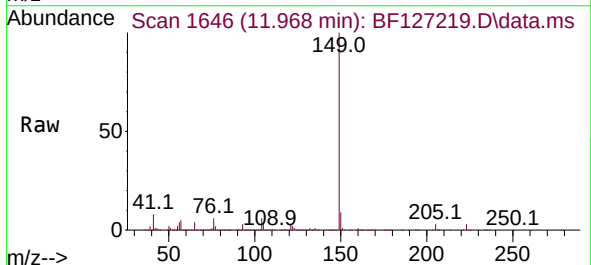
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MS

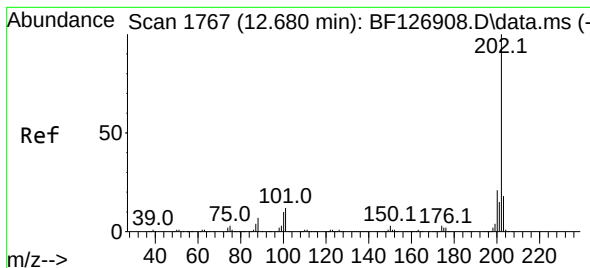
Tgt Ion:167 Resp: 701008
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 14.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 46.855 ng
 RT: 11.968 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: BF127219.D
 Acq: 07 Mar 2022 13:02

Tgt Ion:149 Resp: 978389
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 6.0 4.2 6.2





#75

Fluoranthene

Concen: 46.706 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

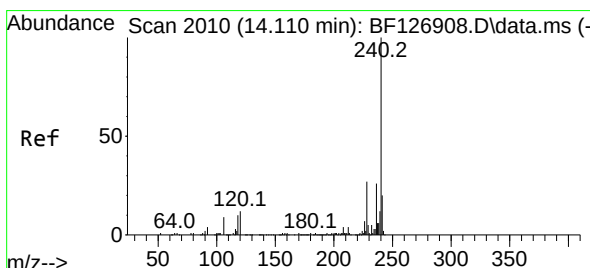
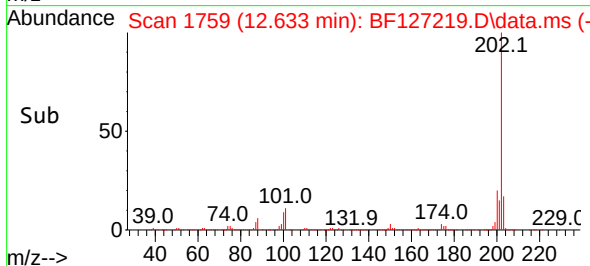
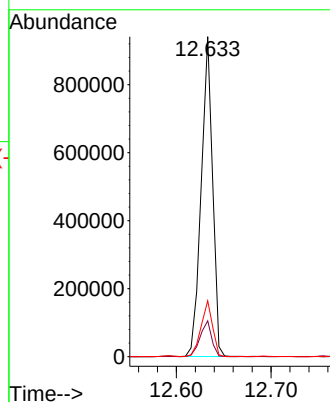
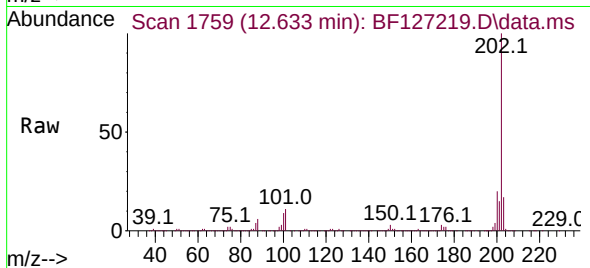
Tgt Ion:202 Resp: 789016

Ion Ratio Lower Upper

202 100

101 11.2 0.0 35.7

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

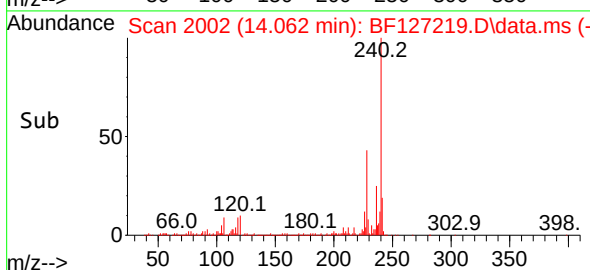
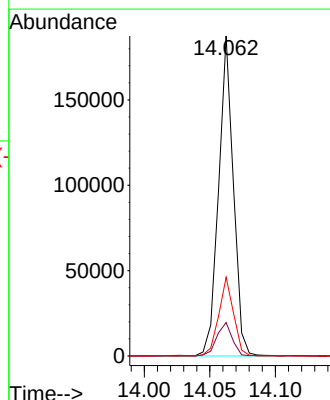
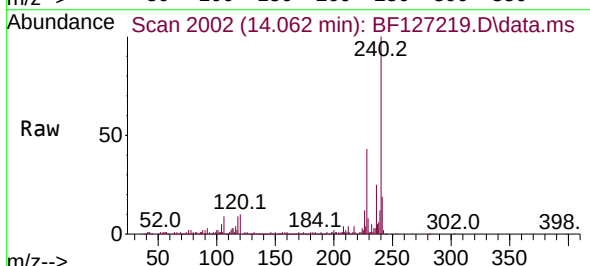
Tgt Ion:240 Resp: 146463

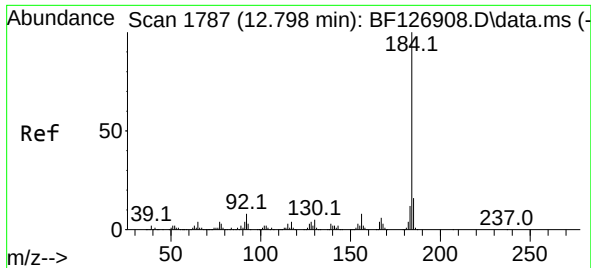
Ion Ratio Lower Upper

240 100

120 10.5 14.4 21.6#

236 24.6 20.5 30.7

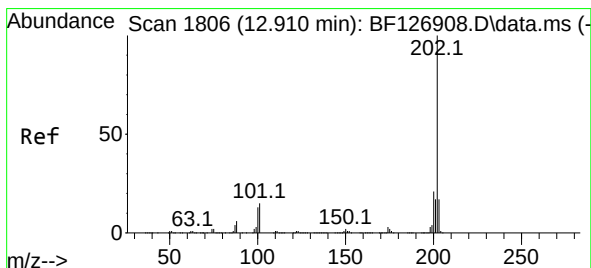
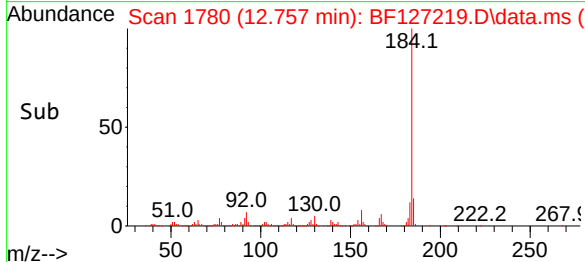
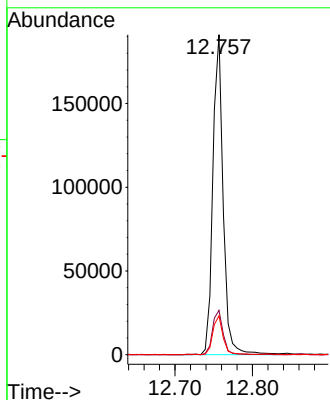
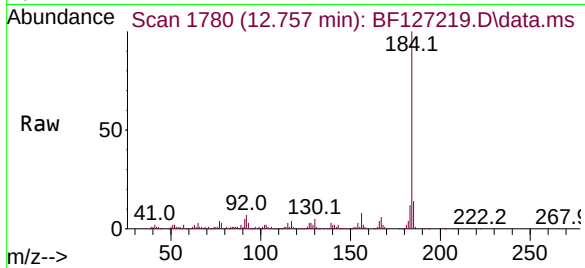




#77
Benzidine
Concen: 44.305 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

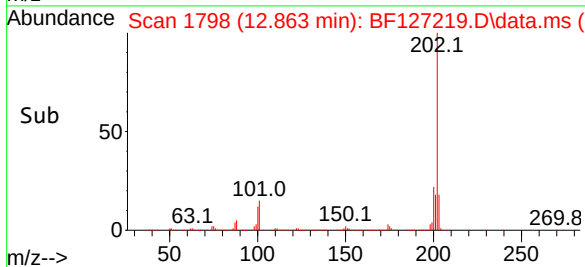
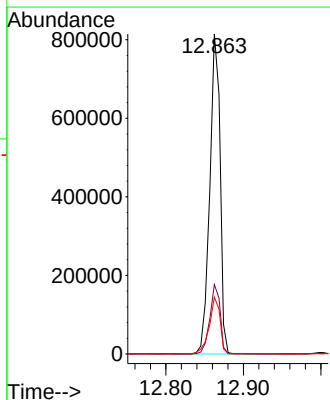
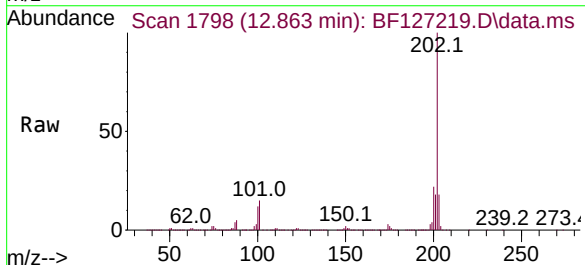
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

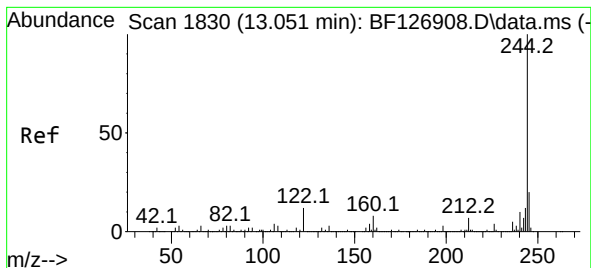
Tgt Ion:184 Resp: 176343
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 12.2 8.2 12.2



#78
Pyrene
Concen: 59.181 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:202 Resp: 753054
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 92.535 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

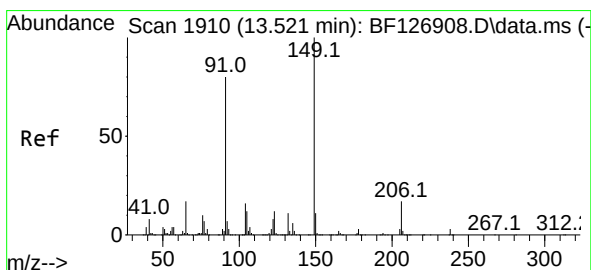
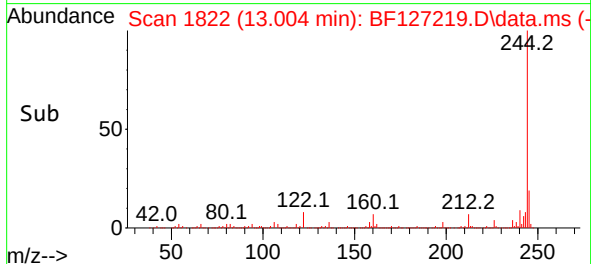
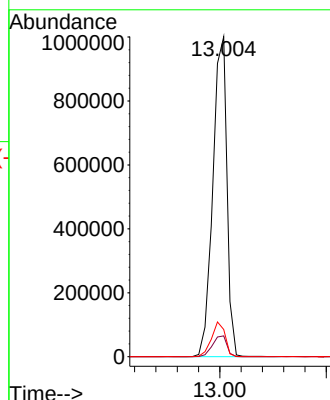
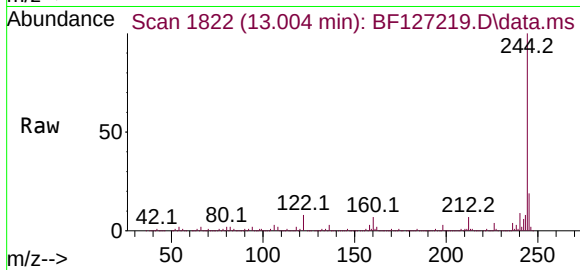
Tgt Ion:244 Resp: 921941

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 8.5 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 49.162 ng

RT: 13.474 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

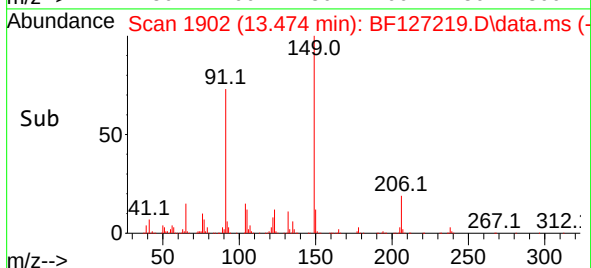
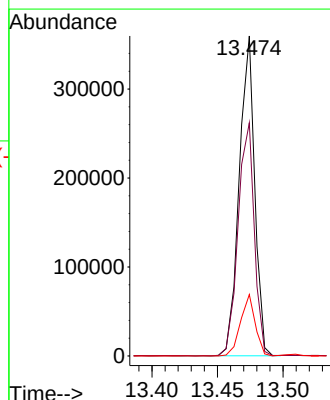
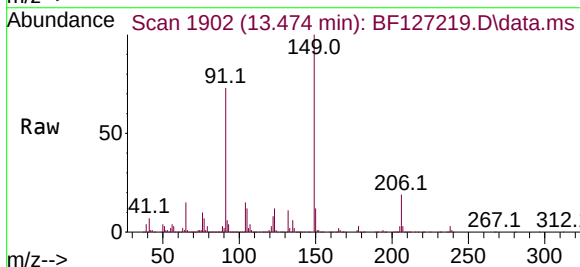
Tgt Ion:149 Resp: 296147

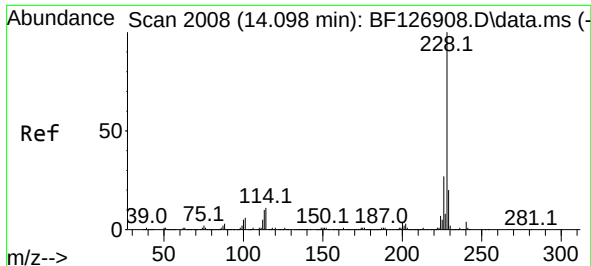
Ion Ratio Lower Upper

149 100

91 72.8 70.5 105.7

206 19.2 12.6 19.0#

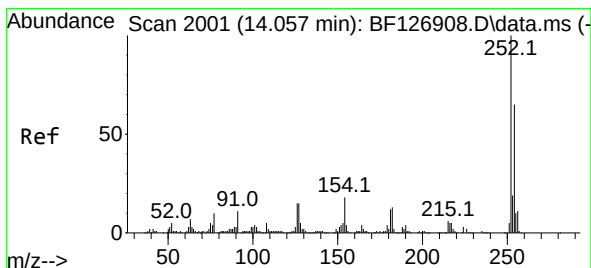
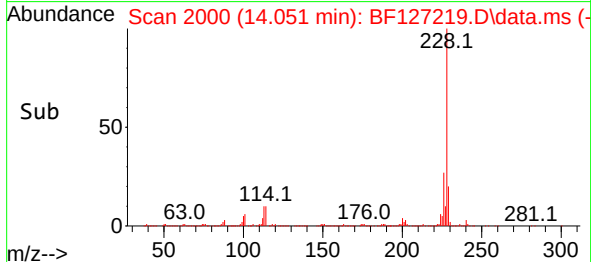
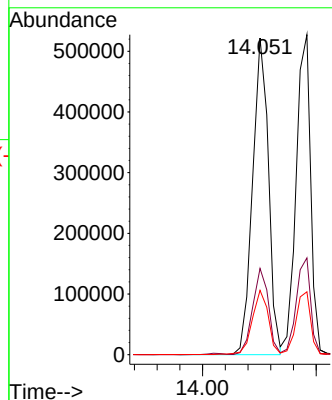
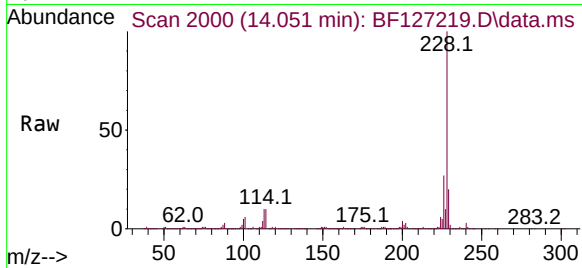




#81
Benzo(a)anthracene
Concen: 51.426 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

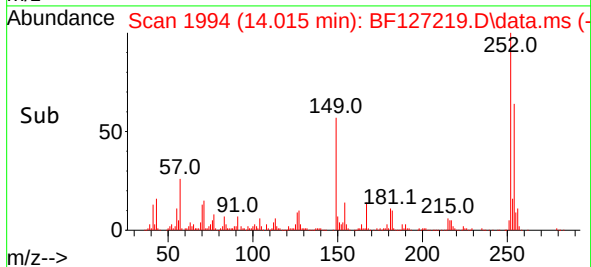
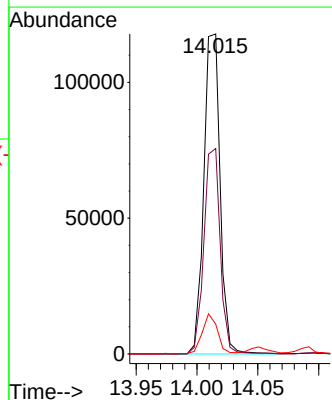
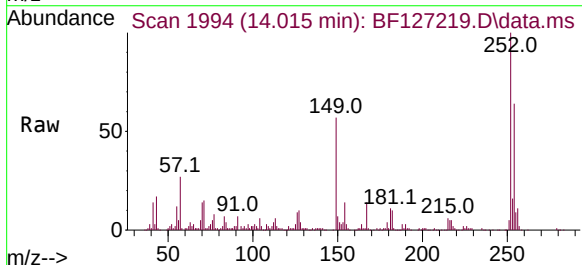
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

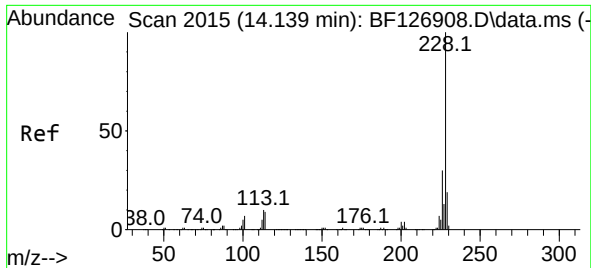
Tgt Ion:228 Resp: 507780
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 35.214 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:252 Resp: 109578
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 9.3 13.4 20.0#

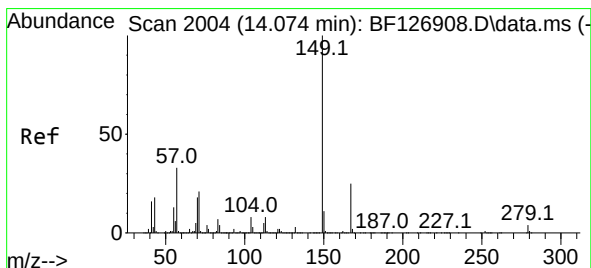
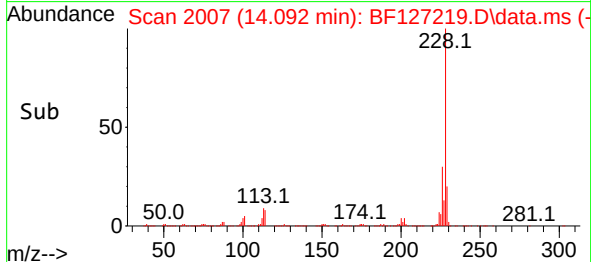
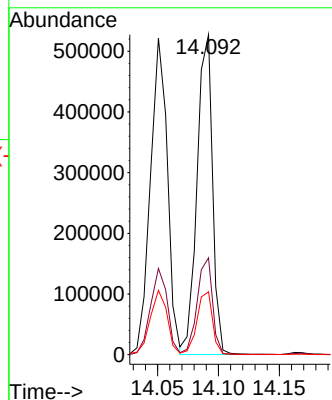
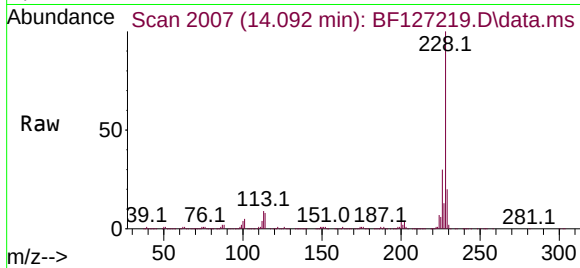




#83
Chrysene
Concen: 50.200 ng
RT: 14.092 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

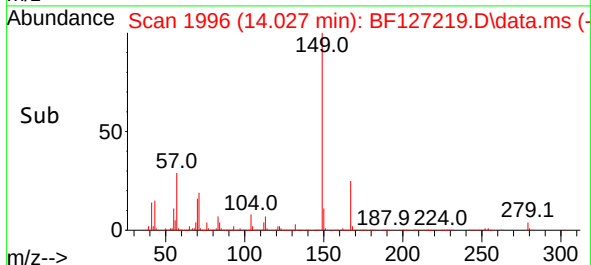
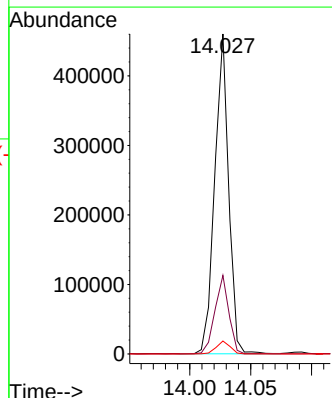
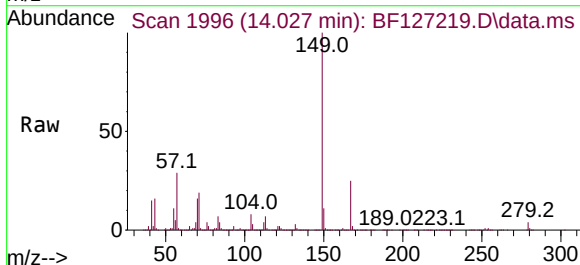
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

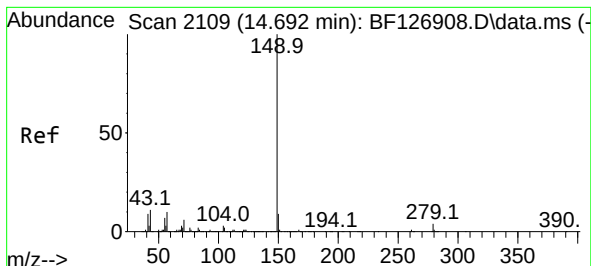
Tgt Ion:228 Resp: 466119
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.6 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.341 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:149 Resp: 366500
Ion Ratio Lower Upper
149 100
167 24.6 21.4 32.2
279 4.1 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 43.555 ng

RT: 14.645 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

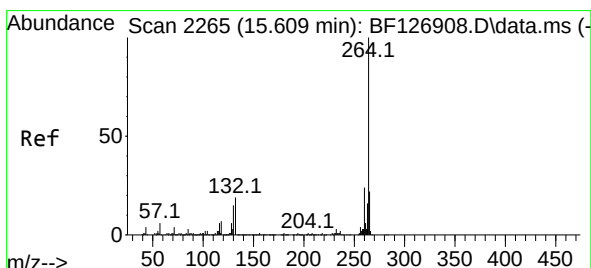
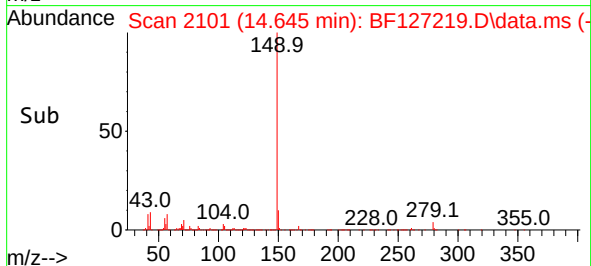
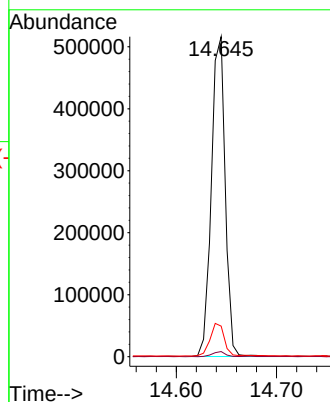
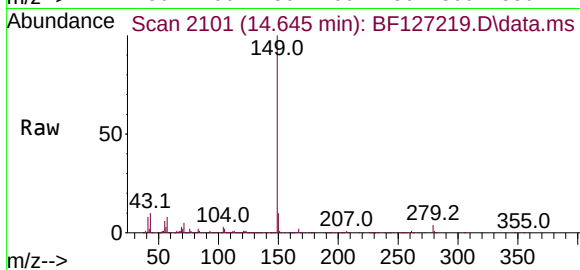
Tgt Ion:149 Resp: 495965

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.9 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

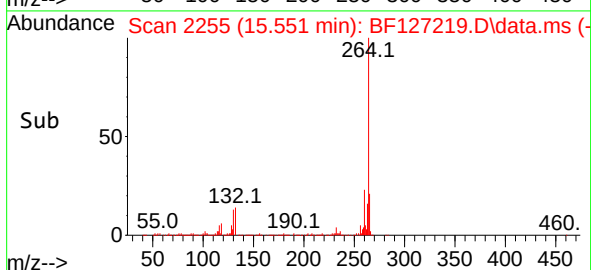
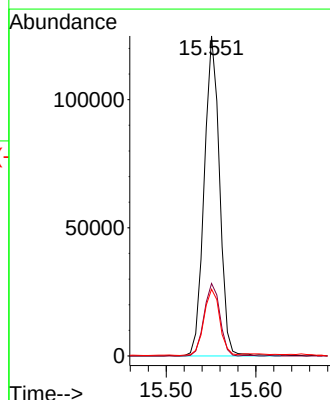
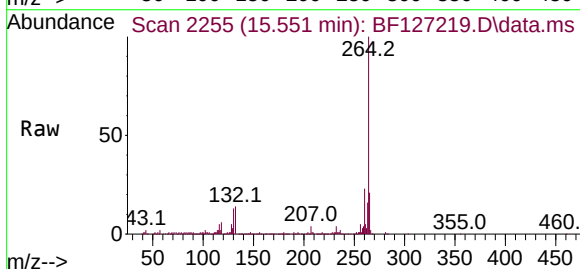
Tgt Ion:264 Resp: 148017

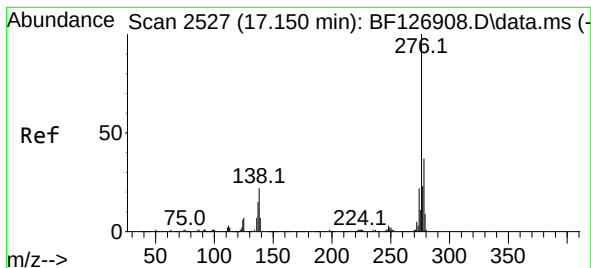
Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.345 ng

RT: 17.068 min Scan# 2181

Delta R.T. 0.012 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

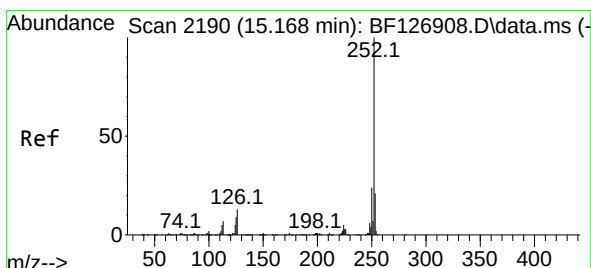
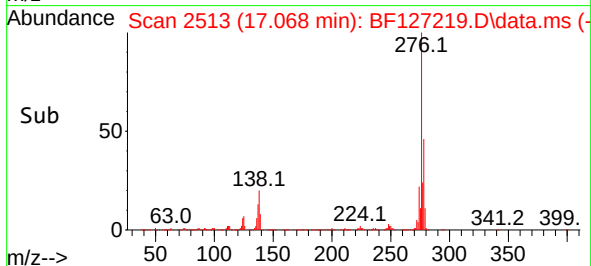
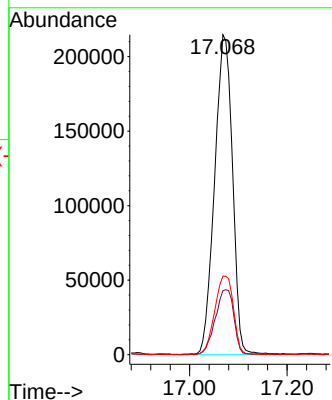
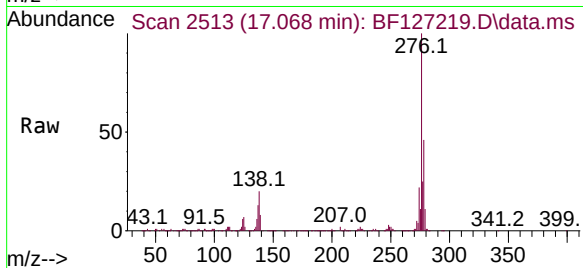
Tgt Ion:276 Resp: 546862

Ion Ratio Lower Upper

276 100

138 21.1 29.2 43.8#

277 26.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 48.930 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

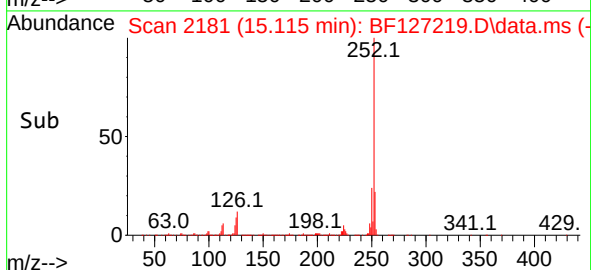
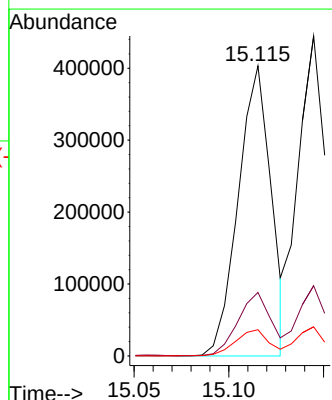
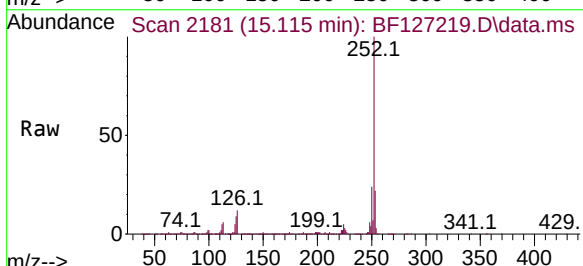
Tgt Ion:252 Resp: 486430

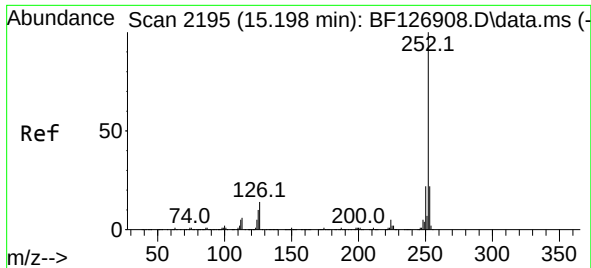
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.0 12.4 18.6#

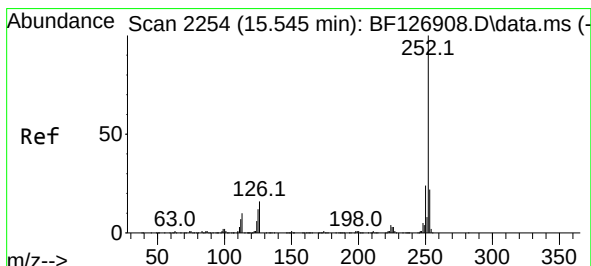
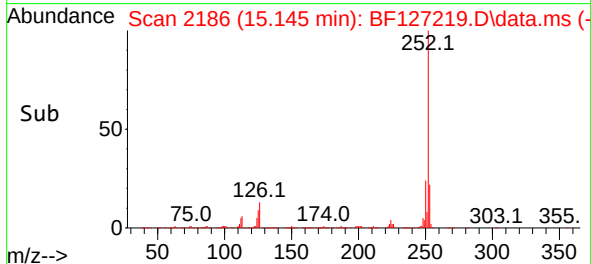
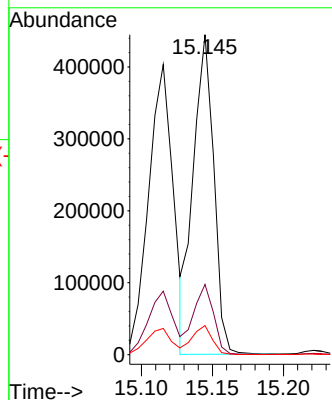
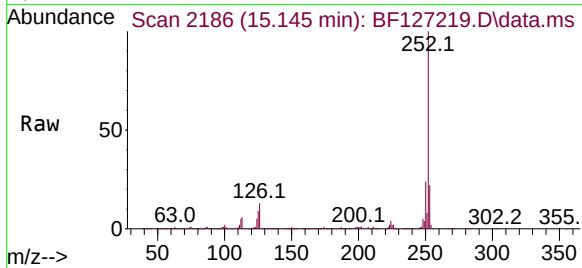




#89
Benzo(k)fluoranthene
Concen: 46.600 ng
RT: 15.145 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

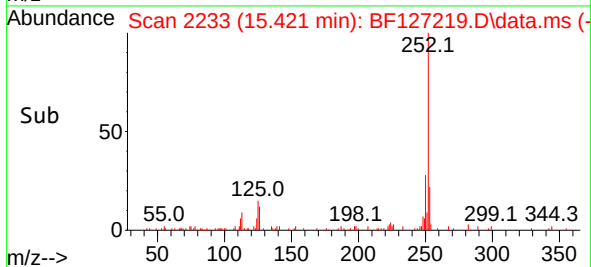
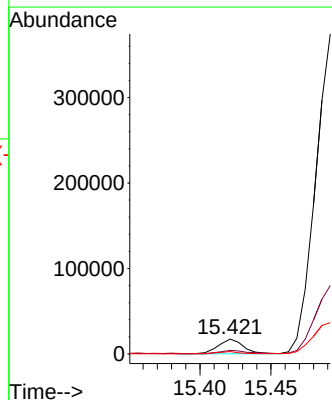
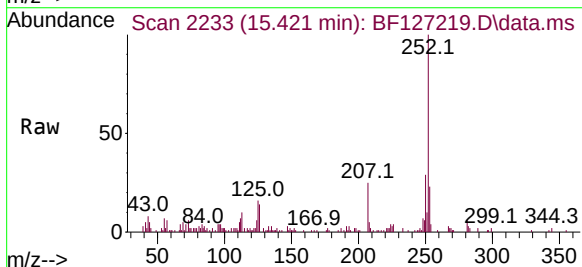
Instrument :
BNA_F
ClientSampleId :
DUM-13MS

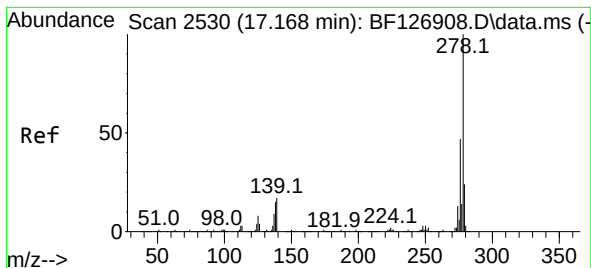
Tgt Ion:252 Resp: 446830
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.1 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 2.701 ng
RT: 15.421 min Scan# 2233
Delta R.T. -0.065 min
Lab File: BF127219.D
Acq: 07 Mar 2022 13:02

Tgt Ion:252 Resp: 20977
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 15.9 13.0 19.6





#91

Dibenzo(a,h)anthracene

Concen: 57.348 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Instrument :

BNA_F

ClientSampleId :

DUM-13MS

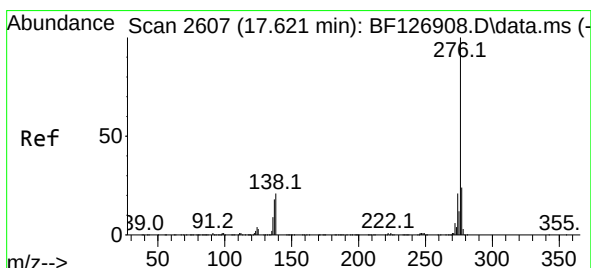
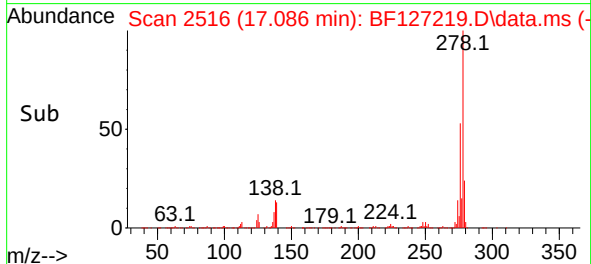
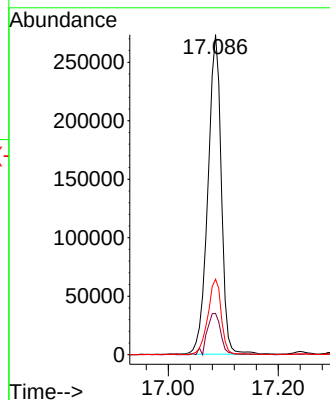
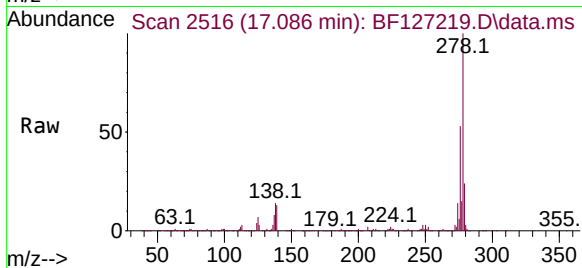
Tgt Ion:278 Resp: 460340

Ion Ratio Lower Upper

278 100

139 12.9 18.0 27.0#

279 23.6 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 57.850 ng

RT: 17.533 min Scan# 2592

Delta R.T. 0.012 min

Lab File: BF127219.D

Acq: 07 Mar 2022 13:02

Tgt Ion:276 Resp: 457799

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 18.6 25.9 38.9#

