

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
 Data File : BF123237.D
 Acq On : 19 Feb 2021 21:12
 Operator : JU/CG
 Sample : M1434-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-SOIL-PILEMS

Quant Time: Feb 19 23:09:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	153146	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	637473	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	319242	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	573705	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	361925	20.00	ng	0.00
86) Perylene-d12	15.515	264	306782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1248823	117.38	ng	0.02
7) Phenol-d6	6.492	99	1562177	108.08	ng	0.00
23) Nitrobenzene-d5	7.422	82	1111026	79.78	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	370321	113.92	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1693883	76.22	ng	0.00
79) Terphenyl-d14	12.986	244	1720400	91.40	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	200564	32.67	ng	# 78
3) Pyridine	3.493	79	271357	18.14	ng	94
4) n-Nitrosodimethylamine	3.428	42	267758	38.70	ng	92
6) Aniline	6.522	93	202480	11.86	ng	# 84
8) 2-Chlorophenol	6.645	128	516834	45.21	ng	92
9) Benzaldehyde	6.410	77	191826	22.46	ng	91
10) Phenol	6.510	94	659006	41.83	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	539846	47.78	ng	98
12) 1,3-Dichlorobenzene	6.804	146	497109	41.81	ng	# 95
13) 1,4-Dichlorobenzene	6.875	146	511526	42.21	ng	93
14) 1,2-Dichlorobenzene	7.028	146	484913	43.02	ng	95
15) Benzyl Alcohol	7.004	79	506523	44.95	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	731540	47.20	ng	99
17) 2-Methylphenol	7.116	107	442316	46.01	ng	95
18) Hexachloroethane	7.375	117	200163	45.73	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	395922	46.04	ng	95
20) 3+4-Methylphenols	7.269	107	523994	41.50	ng	# 83
22) Acetophenone	7.269	105	706903	42.75	ng	# 91
24) Nitrobenzene	7.439	77	603851	41.13	ng	89
25) Isophorone	7.681	82	1092048	41.94	ng	95
26) 2-Nitrophenol	7.757	139	264844	43.06	ng	88
27) 2,4-Dimethylphenol	7.798	122	419499	44.06	ng	93
28) bis(2-Chloroethoxy)met...	7.892	93	657000	48.21	ng	99
29) 2,4-Dichlorophenol	7.998	162	403460	41.04	ng	92
30) 1,2,4-Trichlorobenzene	8.081	180	426546	39.91	ng	98
31) Naphthalene	8.163	128	1414421	40.48	ng	99
32) Benzoic acid	7.928	122	332359	47.32	ng	91
33) 4-Chloroaniline	8.210	127	122045	8.58	ng	# 93
34) Hexachlorobutadiene	8.281	225	228814	37.95	ng	100
35) Caprolactam	8.586	113	74852	22.69	ng	86
36) 4-Chloro-3-methylphenol	8.698	107	499618	42.75	ng	91
37) 2-Methylnaphthalene	8.857	142	955182	41.04	ng	99
38) 1-Methylnaphthalene	8.957	142	882371	40.54	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	398500	41.77	ng	# 97
41) Hexachlorocyclopentadiene	9.010	237	409283	91.58	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	284610	42.07	ng	93

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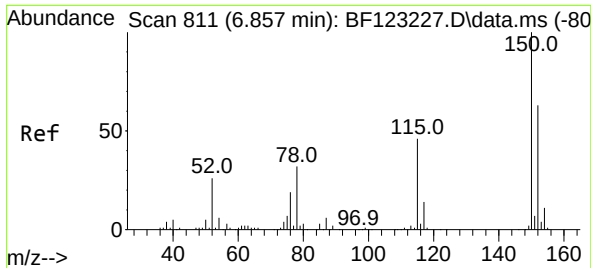
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	309077	42.69	ng	# 91
46) 1,1'-Biphenyl	9.322	154	1154964	43.61	ng	98
47) 2-Chloronaphthalene	9.345	162	875029	41.88	ng	97
48) 2-Nitroaniline	9.445	65	341321	45.59	ng	# 80
49) Acenaphthylene	9.769	152	1328366	41.91	ng	99
50) Dimethylphthalate	9.628	163	1072382	44.92	ng	99
51) 2,6-Dinitrotoluene	9.686	165	236300	42.95	ng	# 75
52) Acenaphthene	9.939	154	964134	44.12	ng	98
53) 3-Nitroaniline	9.851	138	98140	16.07	ng	# 79
54) 2,4-Dinitrophenol	9.963	184	175113	60.59	ng	89
55) Dibenzofuran	10.110	168	1213632	41.02	ng	96
56) 4-Nitrophenol	10.022	139	407415	83.72	ng	# 68
57) 2,4-Dinitrotoluene	10.092	165	322627	43.61	ng	# 82
58) Fluorene	10.457	166	956514	41.08	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	247018	42.76	ng	# 84
60) Diethylphthalate	10.328	149	1059704	44.83	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	462491	41.72	ng	96
62) 4-Nitroaniline	10.475	138	222901	36.26	ng	94
63) Azobenzene	10.604	77	1171237	43.00	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	132530	34.32	ng	97
66) n-Nitrosodiphenylamine	10.563	169	858311	43.26	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	269186	43.04	ng	97
68) Hexachlorobenzene	11.004	284	283283	43.00	ng	# 88
69) Atrazine	11.092	200	246484	39.32	ng	98
70) Pentachlorophenol	11.204	266	340090	81.75	ng	98
71) Phenanthrene	11.422	178	1433376	42.25	ng	99
72) Anthracene	11.475	178	1462990	43.22	ng	100
73) Carbazole	11.627	167	1274805	39.99	ng	99
74) Di-n-butylphthalate	11.957	149	1600848	44.91	ng	99
75) Fluoranthene	12.616	202	1491486	41.48	ng	98
77) Benzidine	12.727	184	72948	6.24	ng	95
78) Pyrene	12.845	202	1480929	52.41	ng	99
80) Butylbenzylphthalate	13.463	149	671770	56.24	ng	97
81) Benzo(a)anthracene	14.033	228	1049741	42.68	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	166919	20.41	ng	# 96
83) Chrysene	14.074	228	1026572	42.50	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	803432	48.86	ng	98
85) Di-n-octyl phthalate	14.639	149	1285645	45.76	ng	# 61
87) Indeno(1,2,3-cd)pyrene	17.004	276	1003379	47.33	ng	97
88) Benzo(b)fluoranthene	15.092	252	989152	45.91	ng	98
89) Benzo(k)fluoranthene	15.121	252	896982	45.92	ng	99
90) Benzo(a)pyrene	15.457	252	834005	43.41	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	838103	46.08	ng	98
92) Benzo(g,h,i)perylene	17.456	276	838843	50.07	ng	100

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

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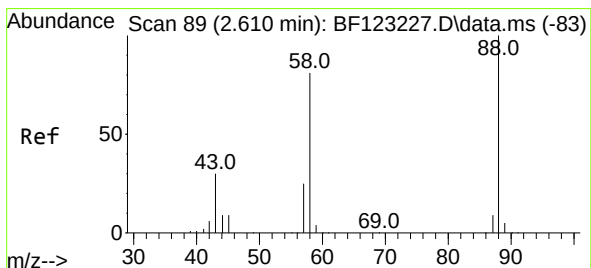
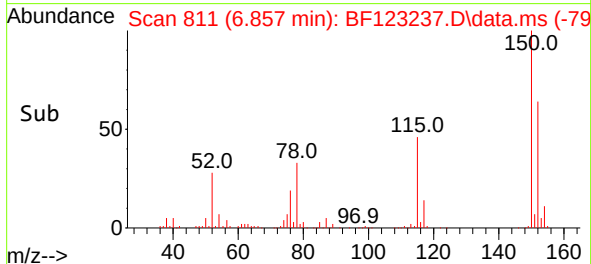
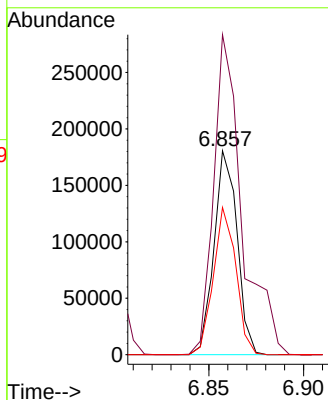
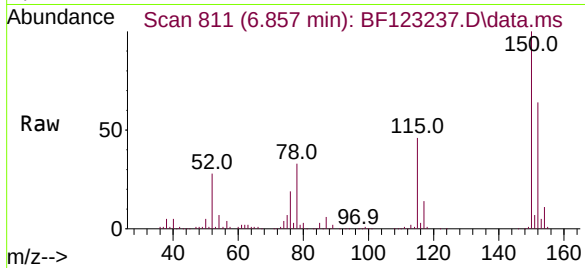




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF123237.D
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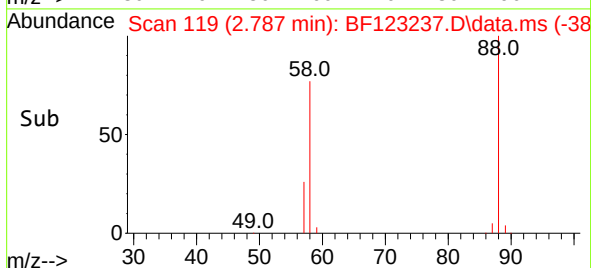
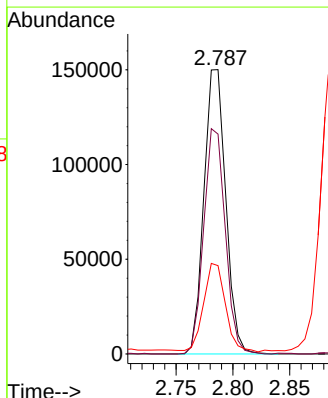
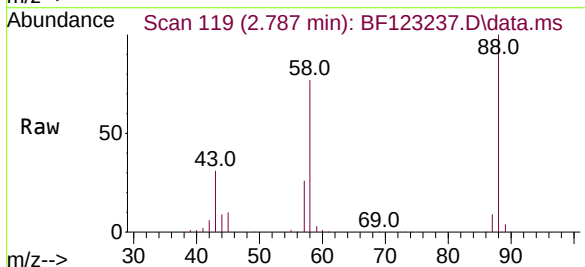
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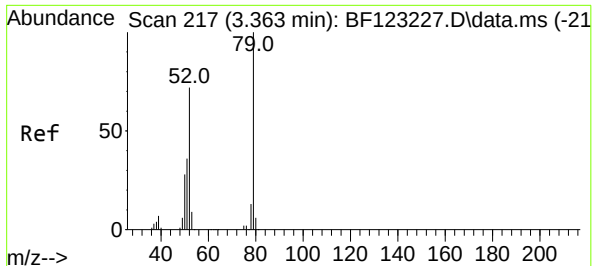
Tgt Ion:152 Resp: 153146
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.8 188.6
 115 72.2 49.3 73.9



#2
 1,4-Dioxane
 Concen: 32.67 ng
 RT: 2.787 min Scan# 119
 Delta R.T. 0.177 min
 Lab File: BF123237.D
 Acq: 19 Feb 2021 21:12

Tgt Ion: 88 Resp: 200564
 Ion Ratio Lower Upper
 88 100
 58 78.2 56.2 84.2
 43 0.0 21.8 32.6#

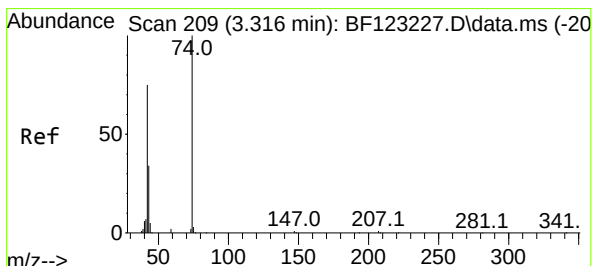
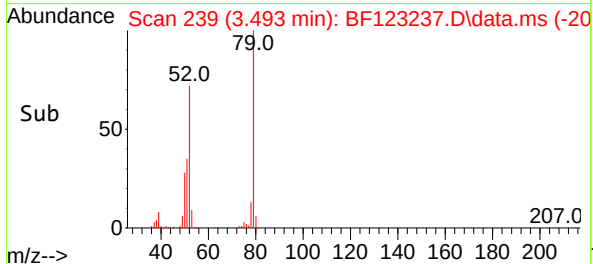
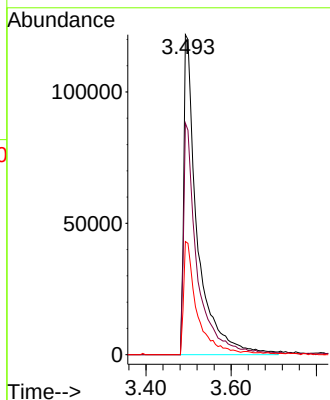
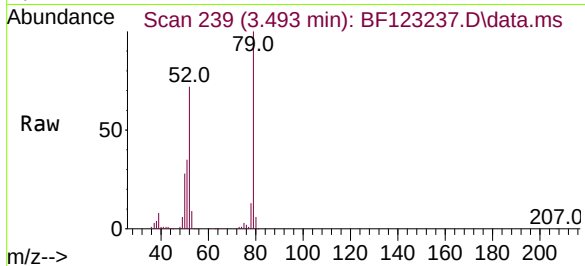




#3
Pyridine
Concen: 18.14 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.130 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

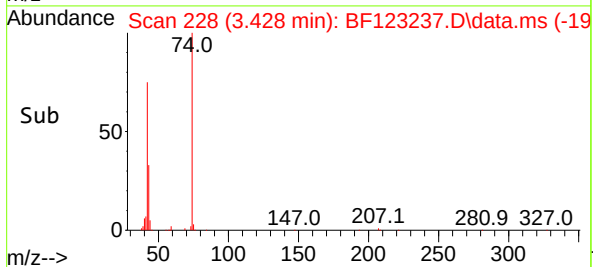
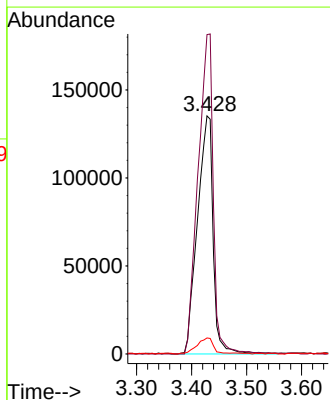
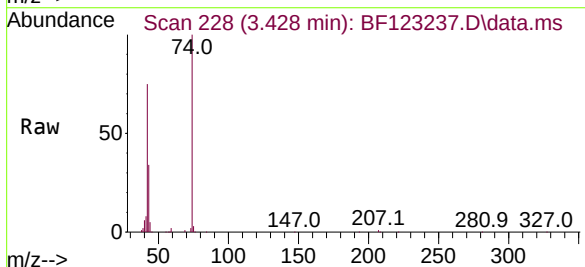
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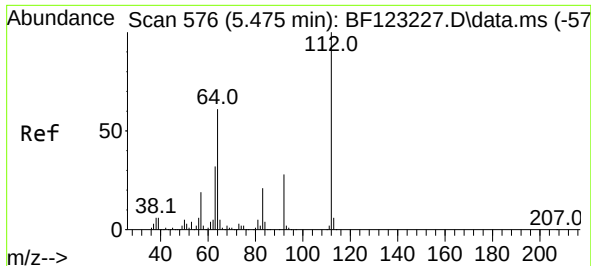
Tgt Ion: 79 Resp: 271357
Ion Ratio Lower Upper
79 100
52 72.4 53.0 79.4
51 35.4 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 38.70 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.112 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion: 42 Resp: 267758
Ion Ratio Lower Upper
42 100
74 134.1 115.2 172.8
44 6.7 5.4 8.0

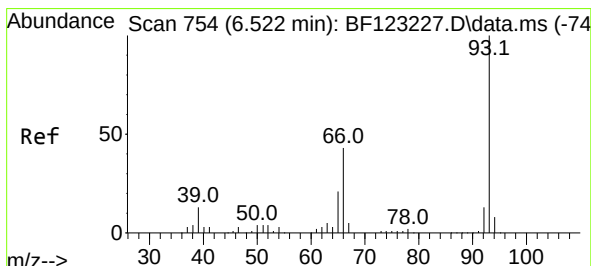
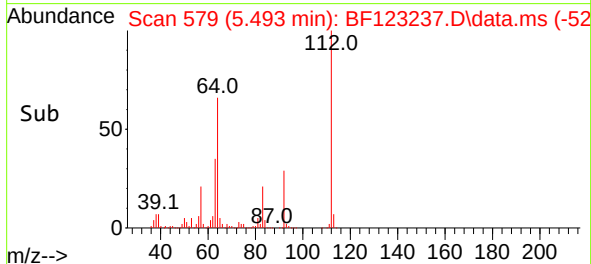
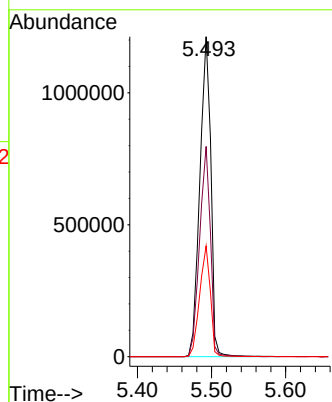
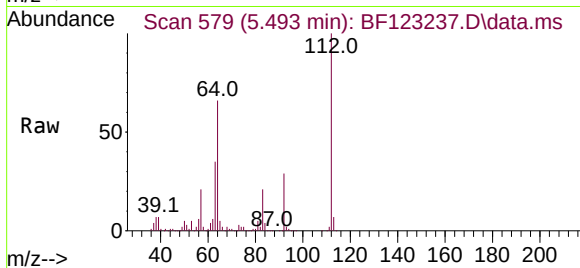




#5
2-Fluorophenol
Concen: 117.38 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

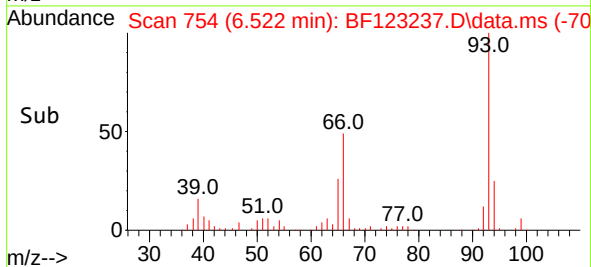
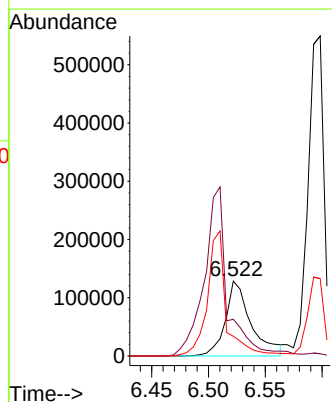
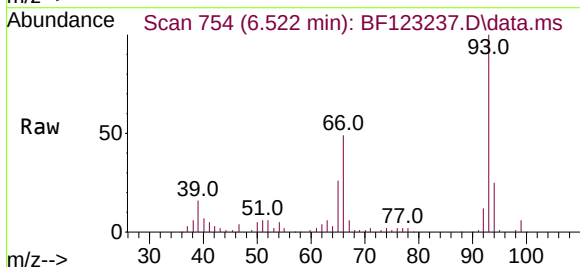
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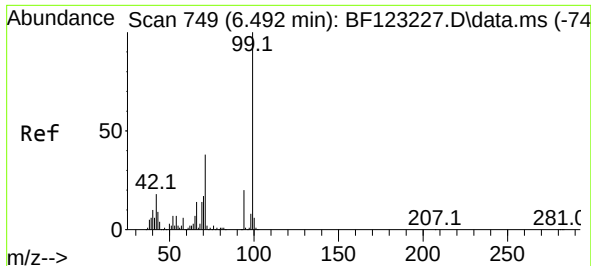
Tgt Ion:112 Resp: 1248823
Ion Ratio Lower Upper
112 100
64 65.7 46.9 70.3
63 34.6 24.5 36.7



#6
Aniline
Concen: 11.86 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion: 93 Resp: 202480
Ion Ratio Lower Upper
93 100
66 48.9 31.3 46.9#
65 26.3 15.6 23.4#



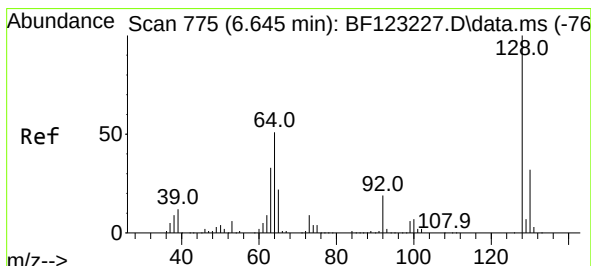
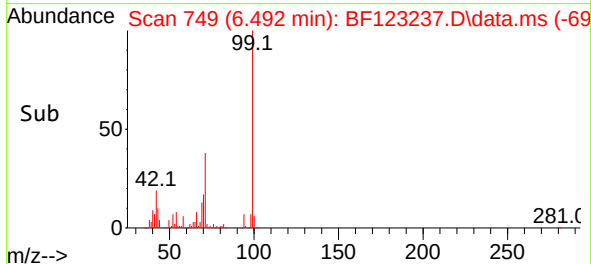
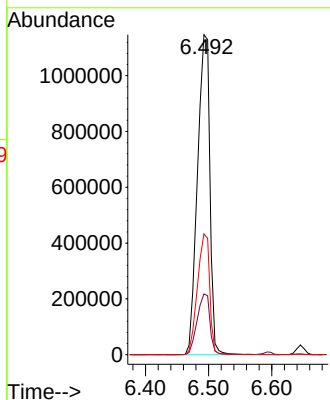
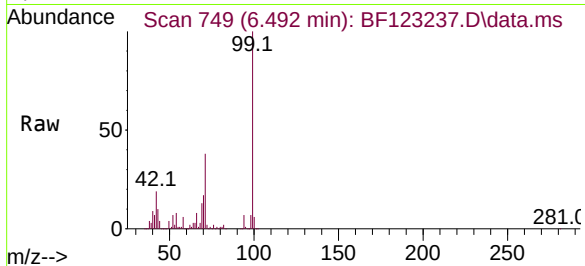


#7
Phenol-d6
Concen: 108.08 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1562177

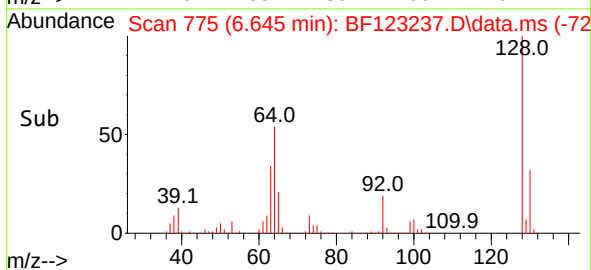
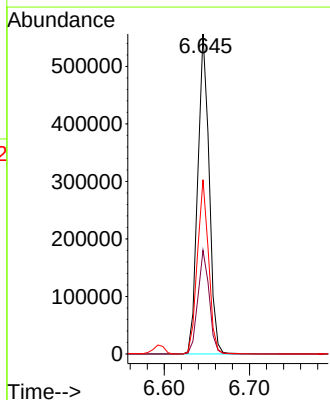
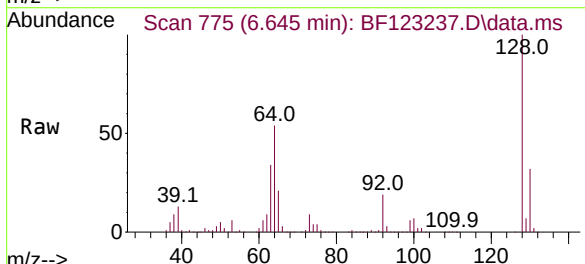
Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.8	20.6
71	37.8	26.9	40.3

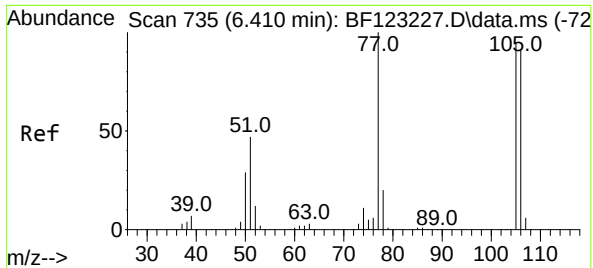


#8
2-Chlorophenol
Concen: 45.21 ng
RT: 6.645 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF123237.D
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Tgt Ion:128 Resp: 516834

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	54.5	25.5	65.5

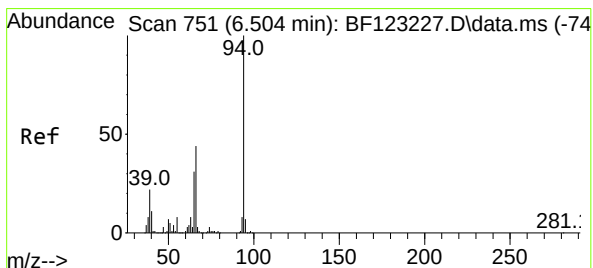
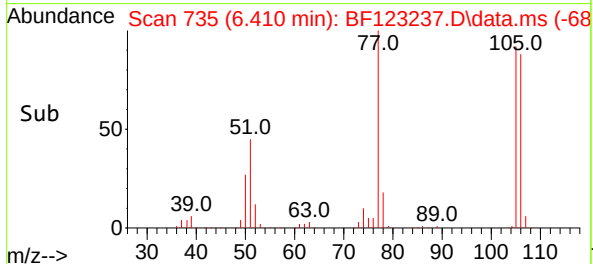
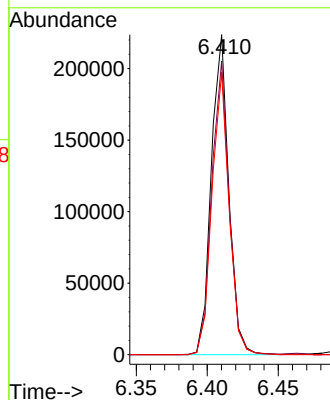
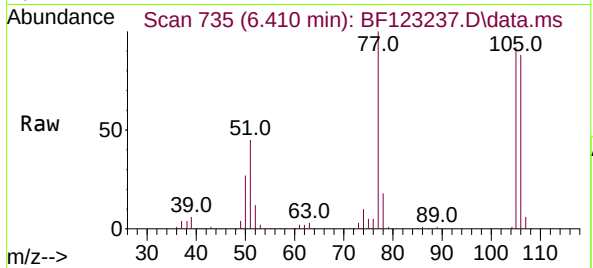




#9
Benzaldehyde
Concen: 22.46 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

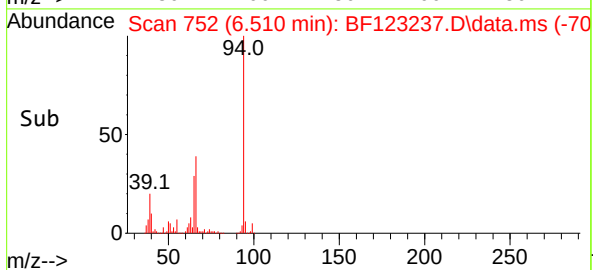
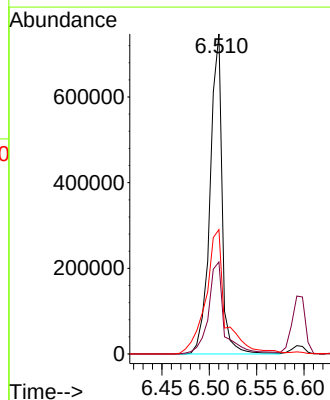
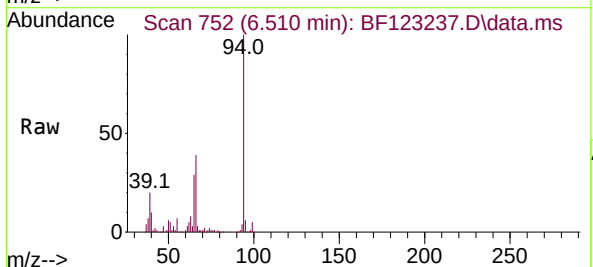
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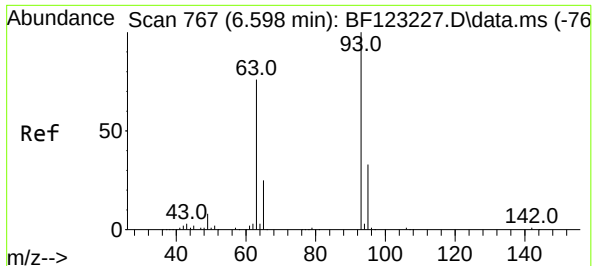
Tgt Ion:	77	Resp:	191826
Ion	Ratio	Lower	Upper
77	100		
105	91.8	80.6	120.6
106	88.3	77.2	117.2



#10
Phenol
Concen: 41.83 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF123237.D
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Tgt Ion:	94	Resp:	659006
Ion	Ratio	Lower	Upper
94	100		
65	28.8	11.2	51.2
66	38.9	25.8	65.8

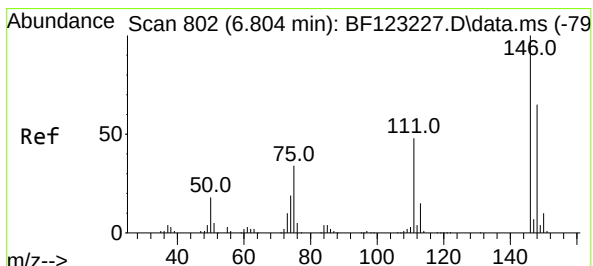
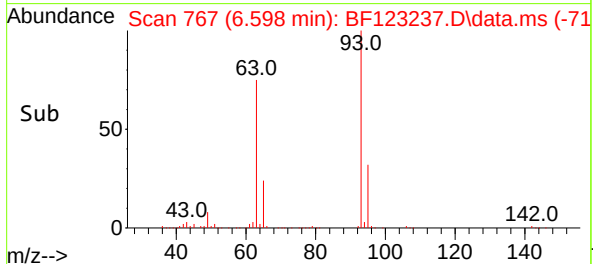
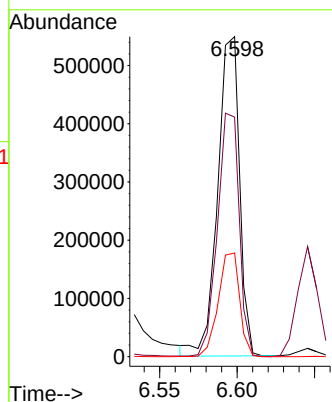
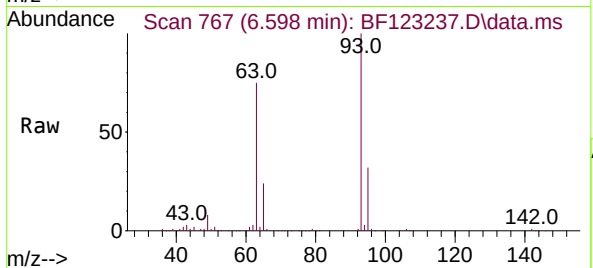




#11
bis(2-Chloroethyl)ether
Concen: 47.78 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

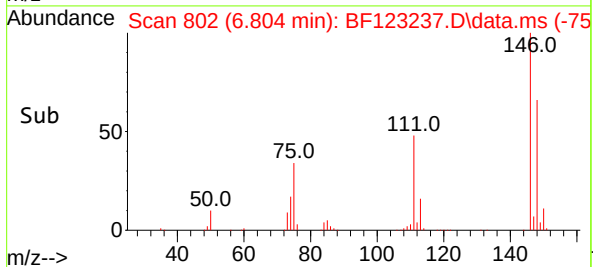
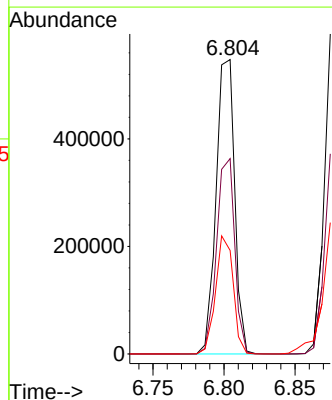
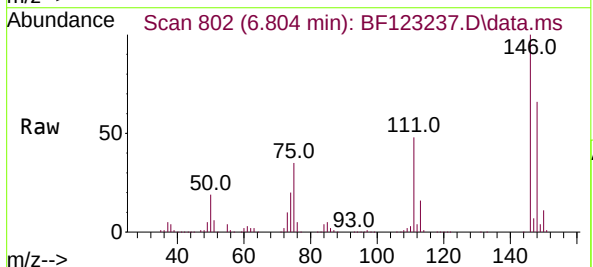
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

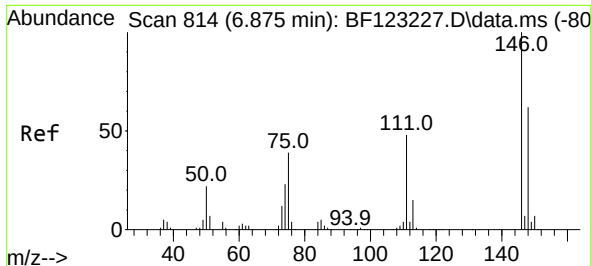
Tgt Ion: 93 Resp: 539846
Ion Ratio Lower Upper
93 100
63 74.9 52.6 92.6
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.81 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:146 Resp: 497109
Ion Ratio Lower Upper
146 100
148 66.4 51.8 77.8
75 35.2 22.5 33.7#

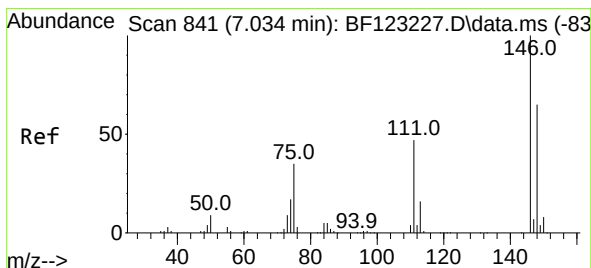
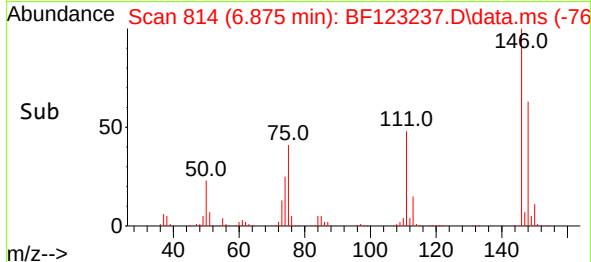
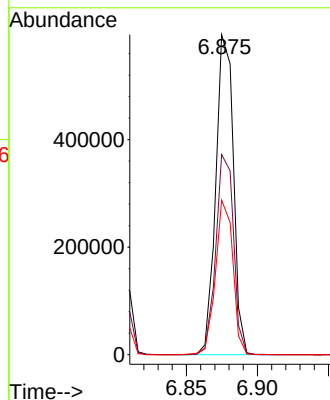
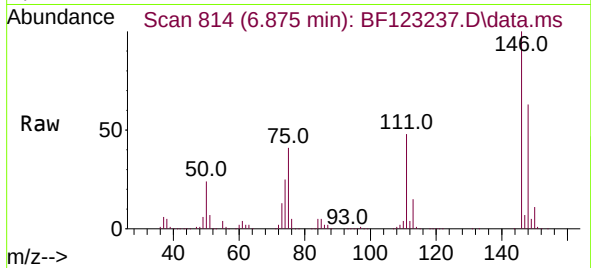




#13
1,4-Dichlorobenzene
Concen: 42.21 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

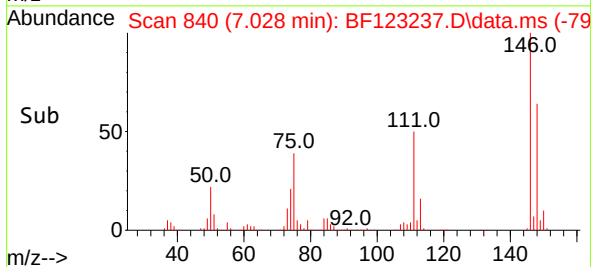
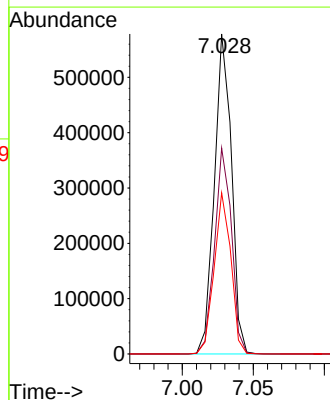
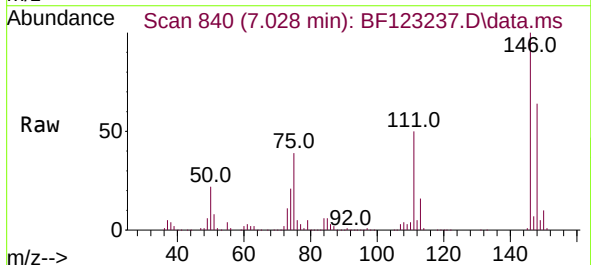
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

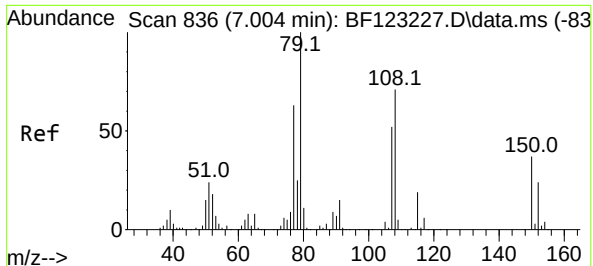
Tgt Ion:146 Resp: 511526
Ion Ratio Lower Upper
146 100
148 62.6 52.0 78.0
111 48.3 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 43.02 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:146 Resp: 484913
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 50.3 34.2 51.2

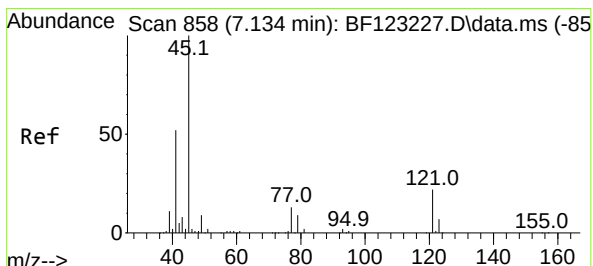
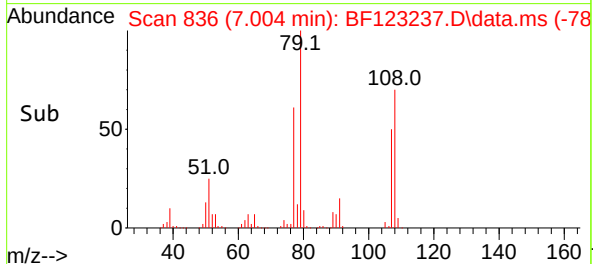
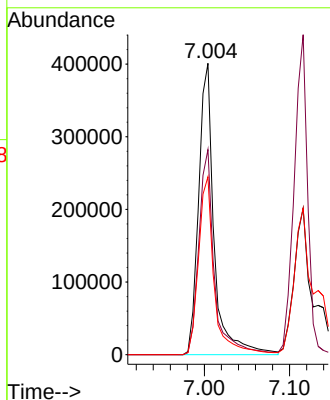
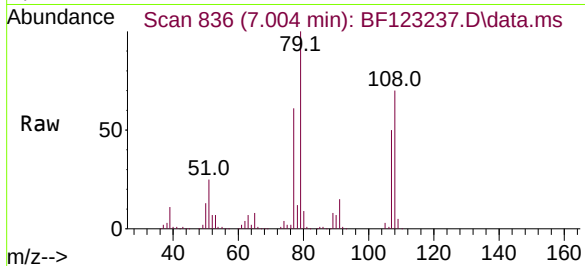




#15
Benzyl Alcohol
Concen: 44.95 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

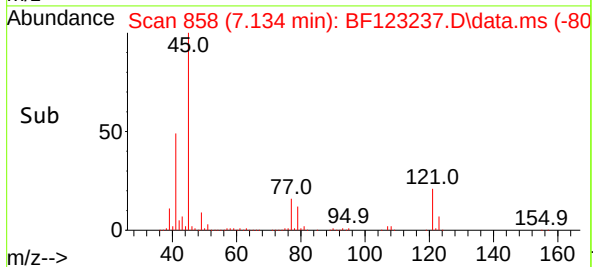
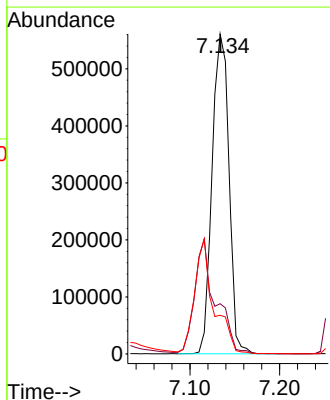
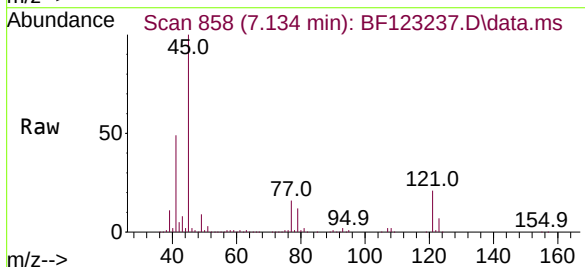
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

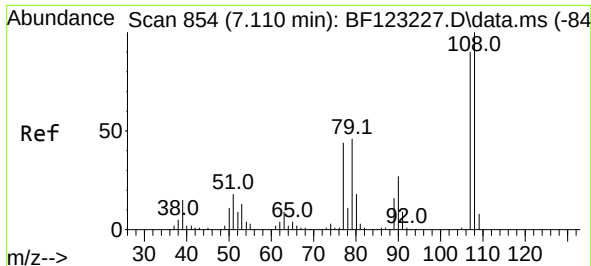
Tgt Ion: 79 Resp: 506523
Ion Ratio Lower Upper
79 100
108 70.4 62.4 93.6
77 61.0 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.20 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion: 45 Resp: 731540
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.6
79 12.1 0.0 32.4

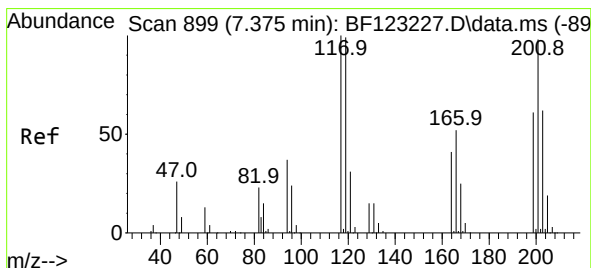
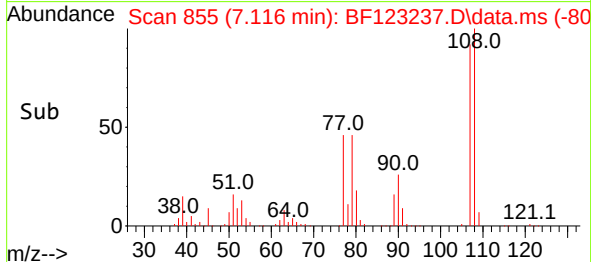
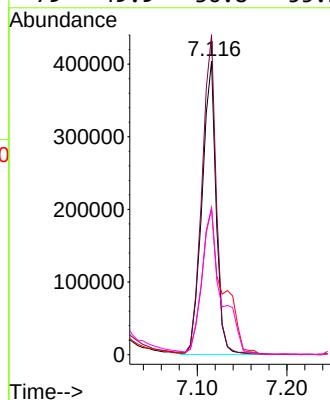
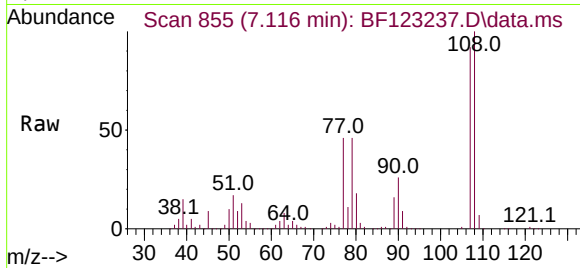




#17
2-Methylphenol
Concen: 46.01 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

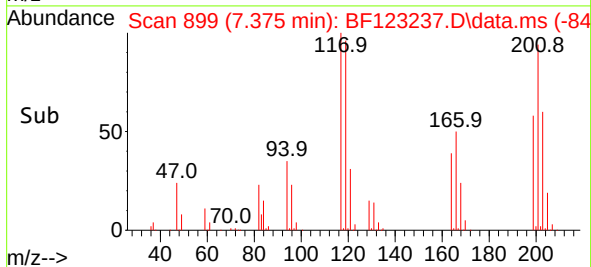
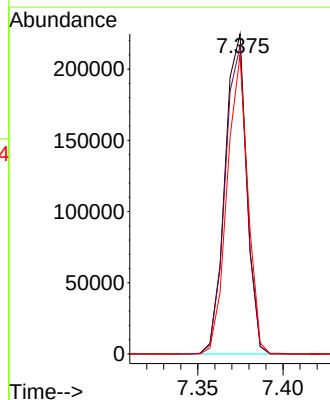
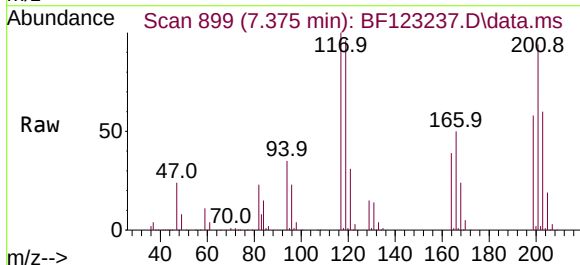
Instrument :
BNA_F
ClientSampleId :
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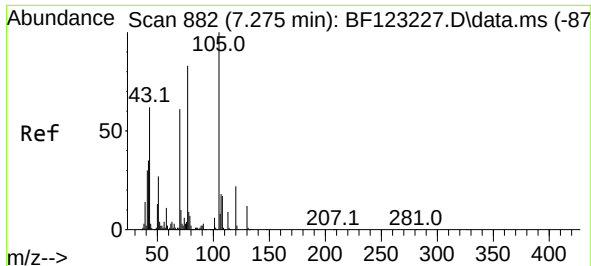
Tgt Ion:	107	Resp:	442316
Ion	Ratio	Lower	Upper
107	100		
108	109.0	91.1	136.7
77	49.9	36.3	54.5
79	49.9	36.8	55.2



#18
Hexachloroethane
Concen: 45.73 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:	117	Resp:	200163
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.4	117.6
201	93.5	79.6	119.4

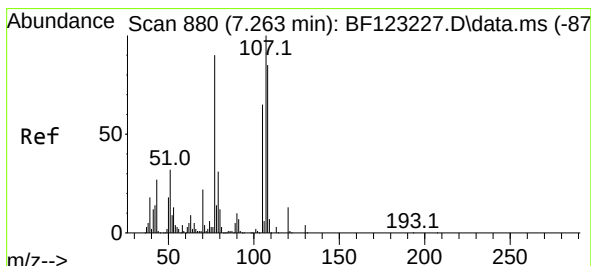
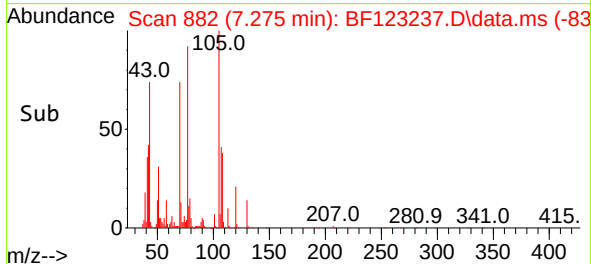
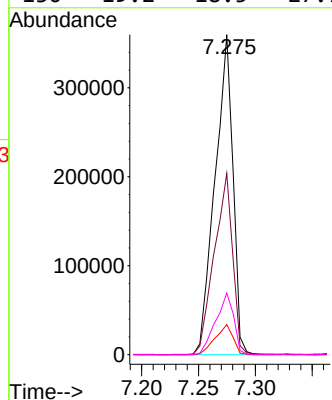
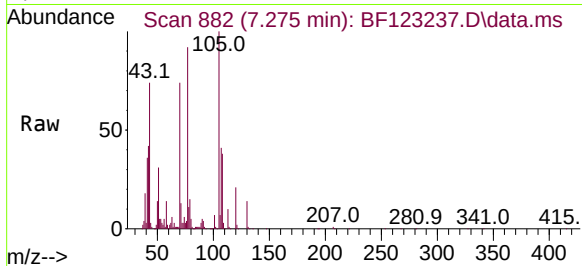




#19
n-Nitroso-di-n-propylamine
Concen: 46.04 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

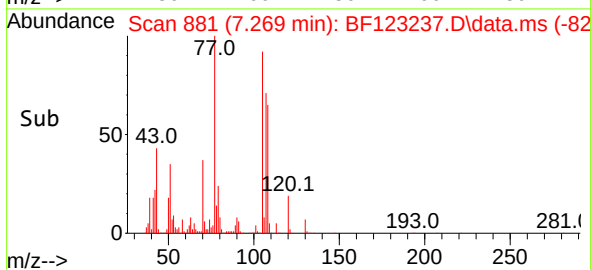
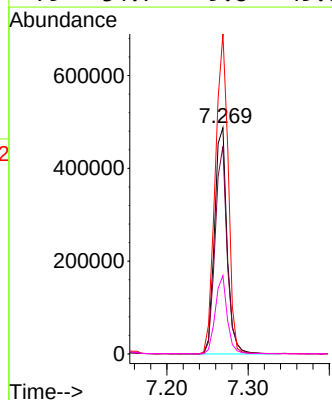
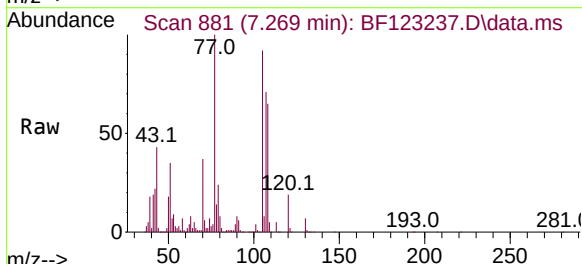
Instrument :
BNA_F
ClientSampleId :
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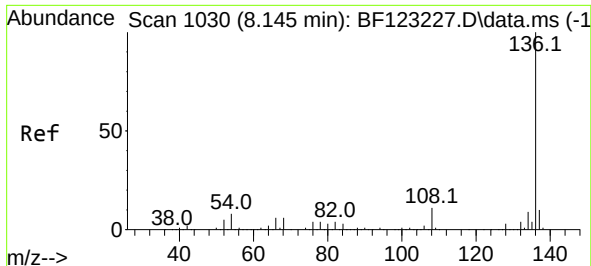
Tgt Ion:	70	Resp:	395922
Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.0	64.4
101	9.4	7.9	11.9
130	19.2	18.5	27.7



#20
3+4-Methylphenols
Concen: 41.50 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

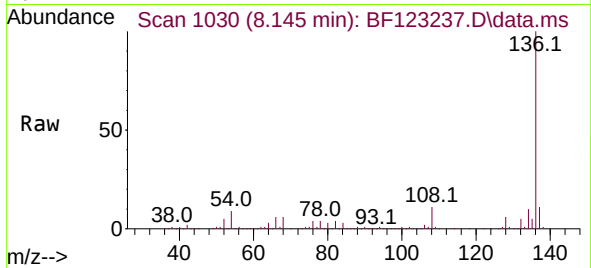
Tgt Ion:	107	Resp:	523994
Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.7	108.7
77	141.5	89.8	129.8#
79	34.7	9.8	49.8



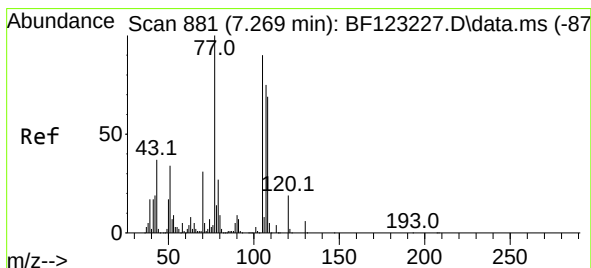
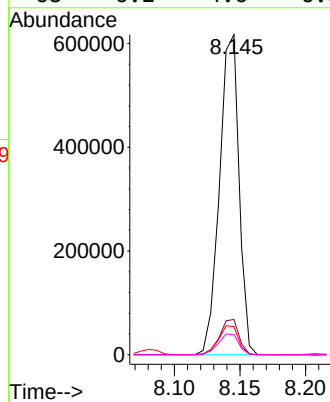
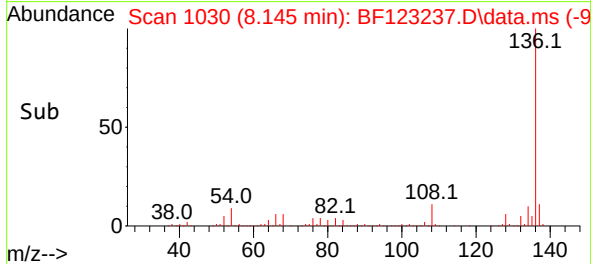


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

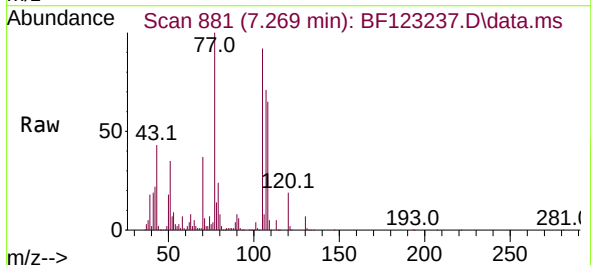
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS



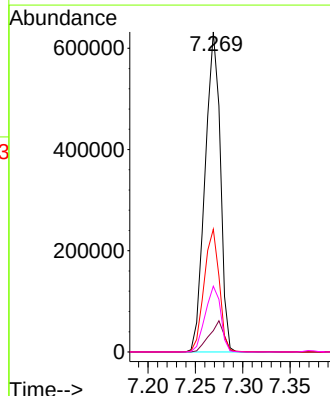
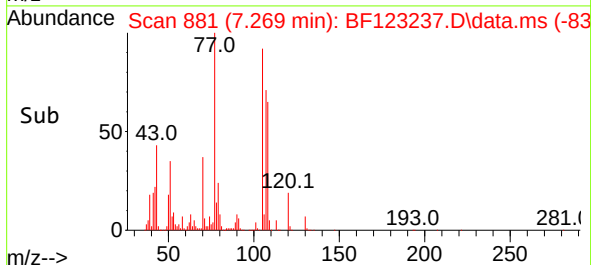
Tgt Ion:136 Resp: 637473
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 5.5 8.3#
68 6.2 4.6 6.8

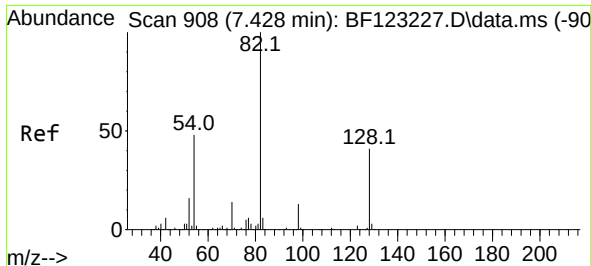


#22
Acetophenone
Concen: 42.75 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12



Tgt Ion:105 Resp: 706903
Ion Ratio Lower Upper
105 100
71 6.6 6.5 9.7
51 38.4 24.3 36.5#
120 20.5 18.1 27.1





#23

Nitrobenzene-d5

Concen: 79.78 ng

RT: 7.422 min Scan# 907

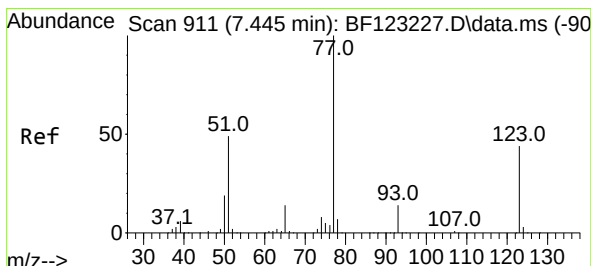
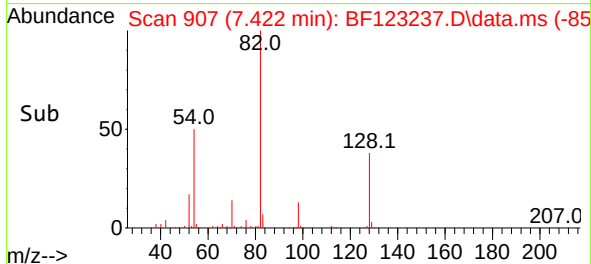
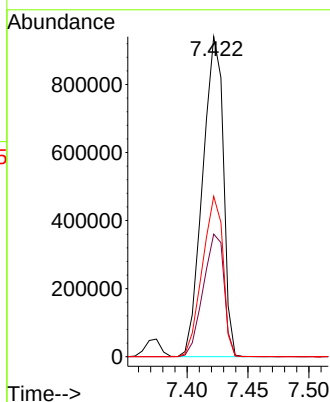
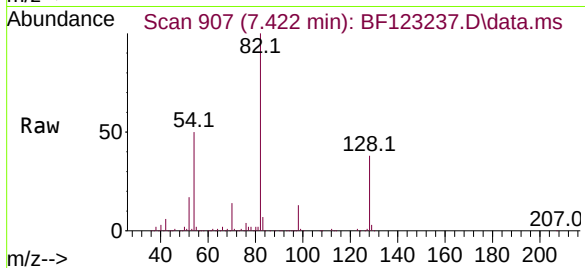
Delta R.T. -0.006 min

Lab File: BF123237.D

Acq: 19 Feb 2021 21:12

Tgt Ion: 82 Resp: 1111026

Ion	Ratio	Lower	Upper
82	100		
128	38.3	37.0	55.4
54	50.1	38.4	57.6



#24

Nitrobenzene

Concen: 41.13 ng

RT: 7.439 min Scan# 910

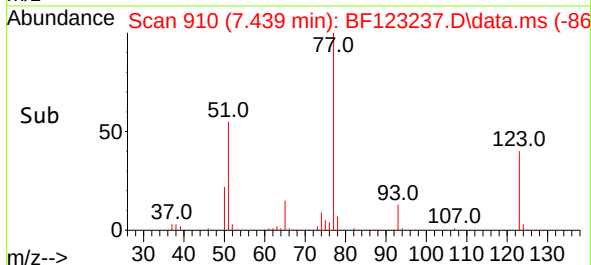
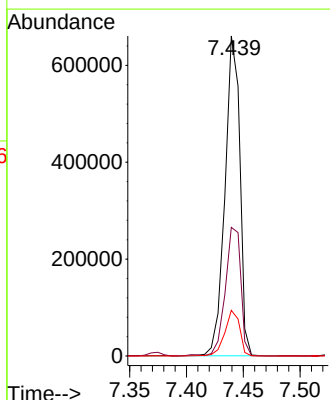
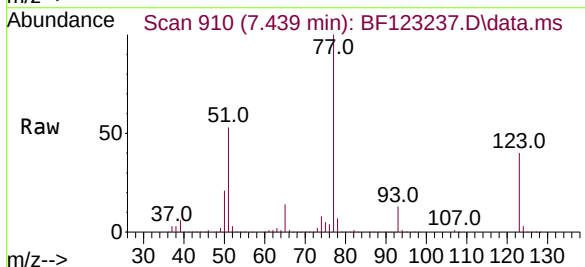
Delta R.T. -0.006 min

Lab File: BF123237.D

Acq: 19 Feb 2021 21:12

Tgt Ion: 77 Resp: 603851

Ion	Ratio	Lower	Upper
77	100		
123	40.2	39.3	58.9
65	14.3	10.6	15.8

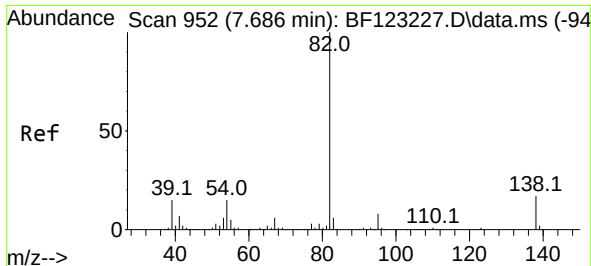


Instrument :

BNA_F

ClientSampleId :

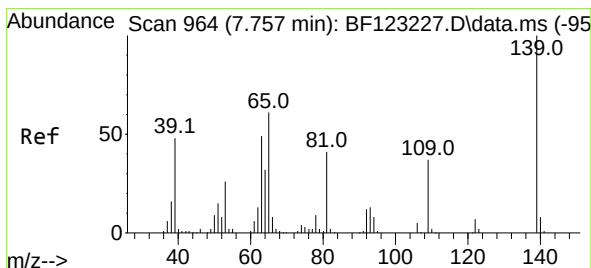
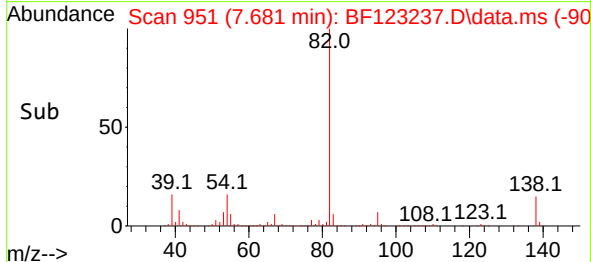
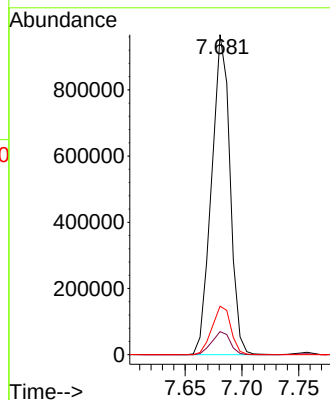
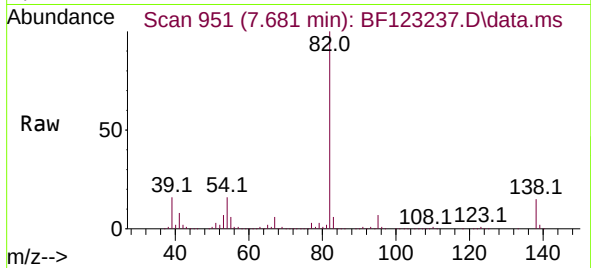
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#25
Isophorone
Concen: 41.94 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

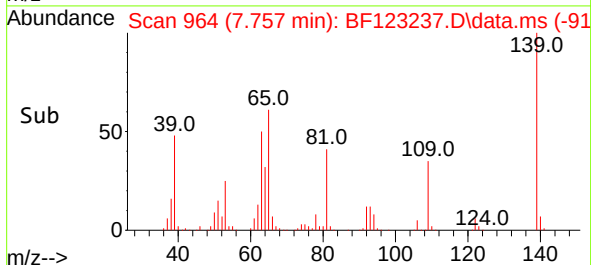
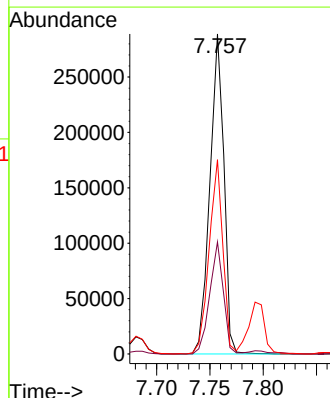
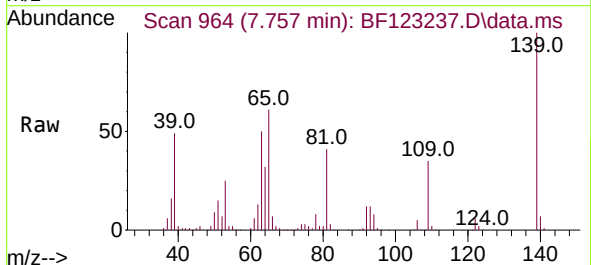
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

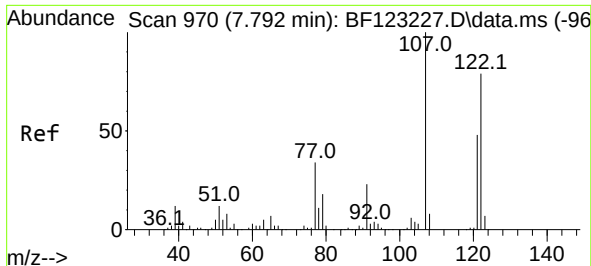
Tgt Ion: 82 Resp: 1092048
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 15.2 14.6 21.8



#26
2-Nitrophenol
Concen: 43.06 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion: 139 Resp: 264844
Ion Ratio Lower Upper
139 100
109 35.0 24.0 36.0
65 60.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 44.06 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.006 min

Lab File: BF123237.D

Acq: 19 Feb 2021 21:12

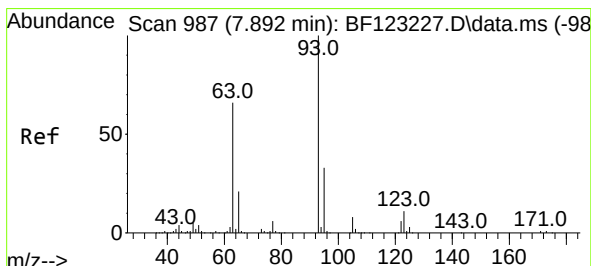
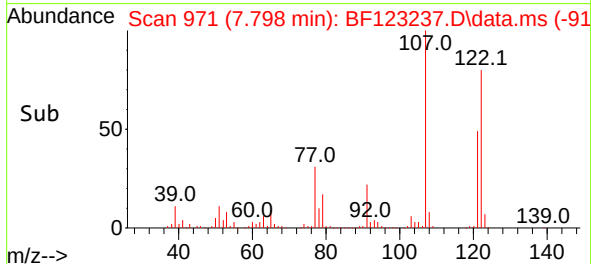
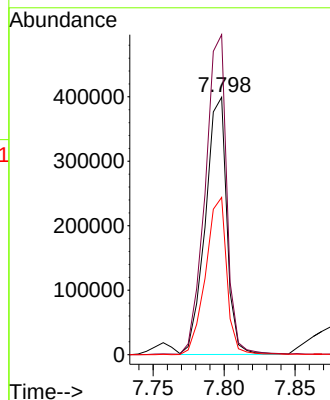
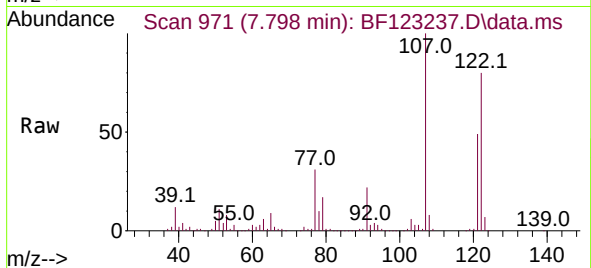
Tgt Ion:122 Resp: 419499

Ion Ratio Lower Upper

122 100

107 124.3 91.8 137.8

121 61.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 48.21 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF123237.D

Acq: 19 Feb 2021 21:12

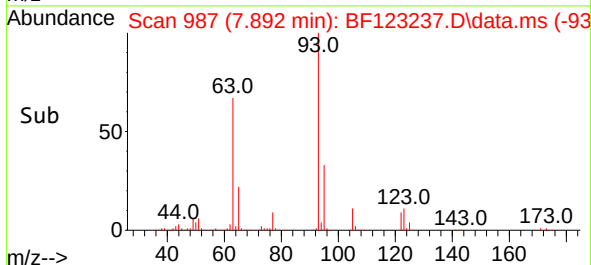
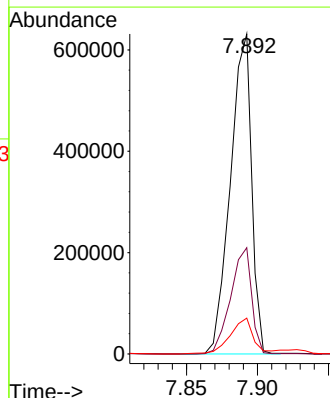
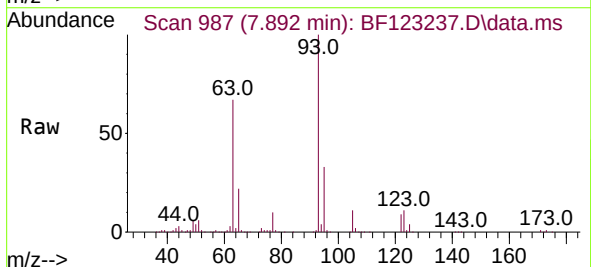
Tgt Ion: 93 Resp: 657000

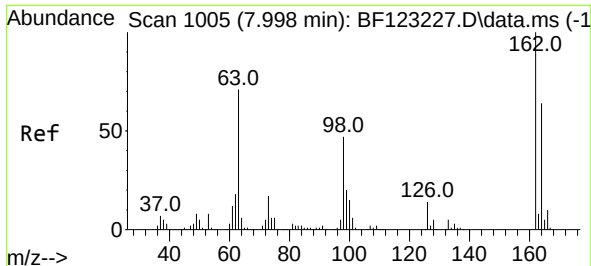
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 11.2 9.2 13.8

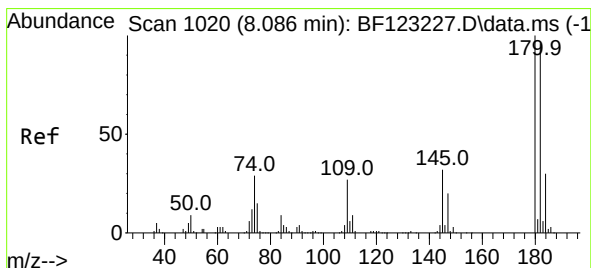
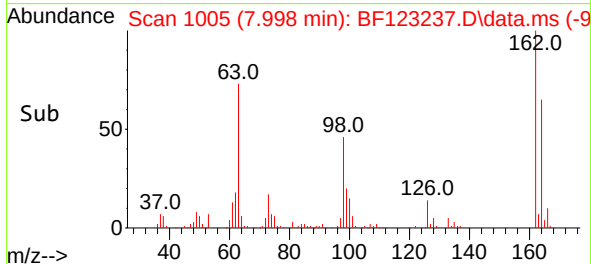
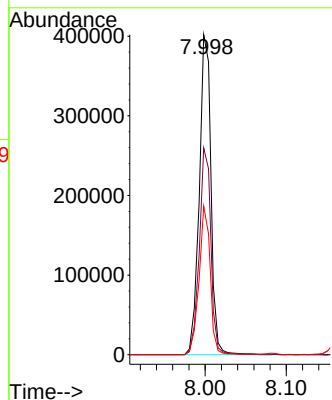
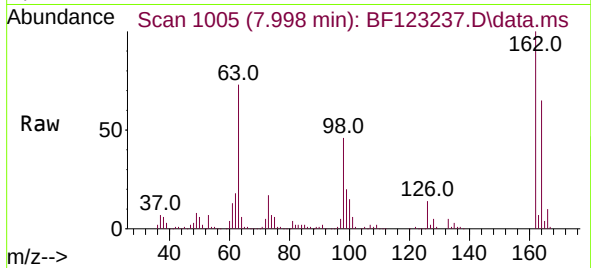




#29
2,4-Dichlorophenol
Concen: 41.04 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

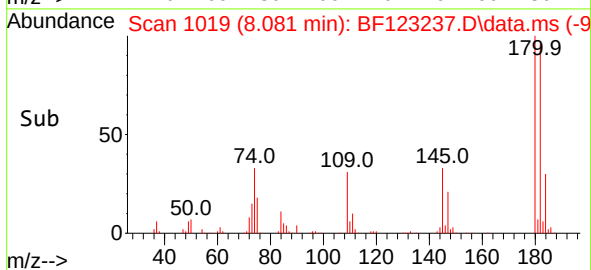
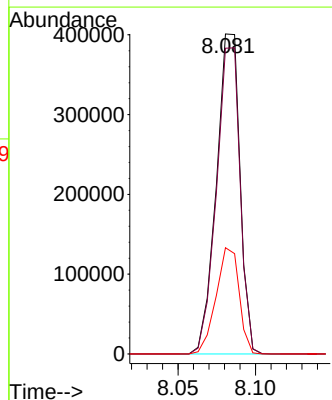
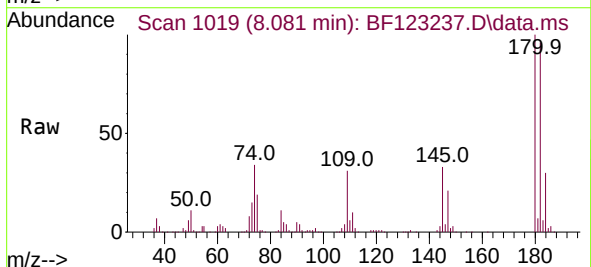
Instrument :
BNA_F
ClientSampleId :
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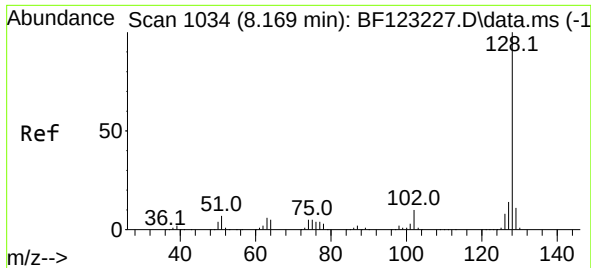
Tgt Ion:162 Resp: 403460
Ion Ratio Lower Upper
162 100
164 64.6 43.2 83.2
98 46.4 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 39.91 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:180 Resp: 426546
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 33.2 25.0 37.4

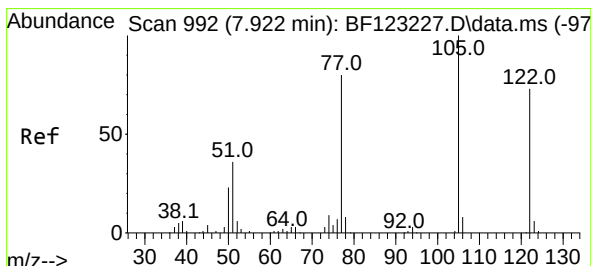
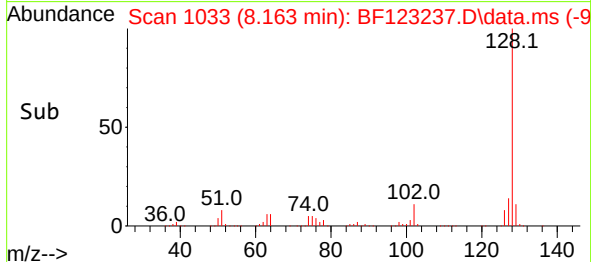
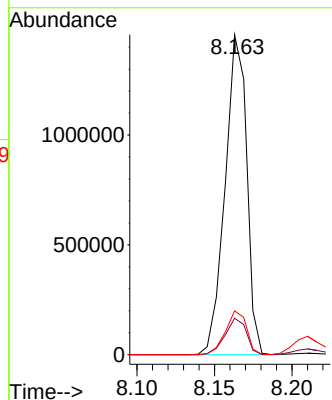
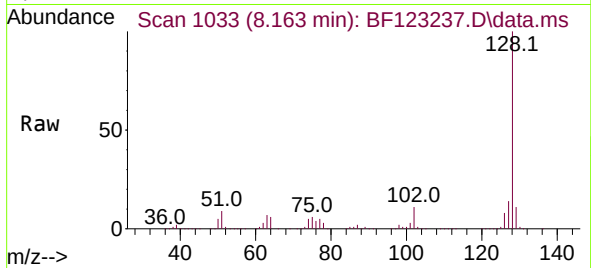




#31
Naphthalene
Concen: 40.48 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

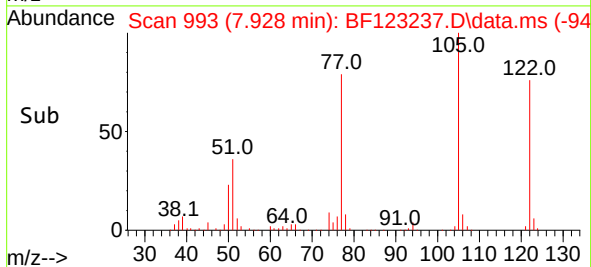
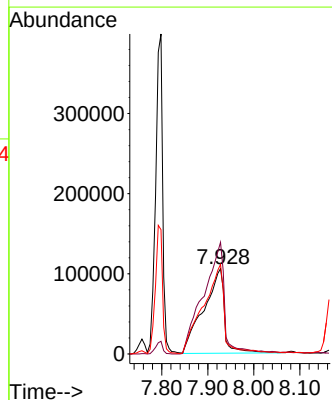
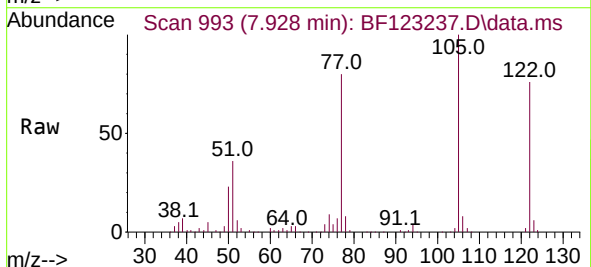
Instrument :
BNA_F
ClientSampleId :
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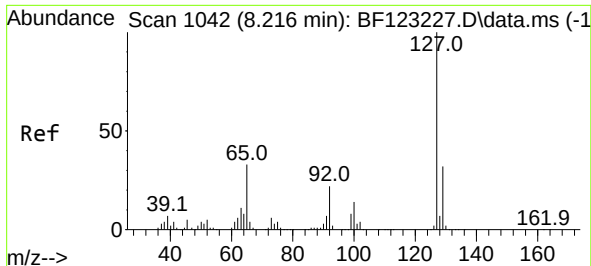
Tgt Ion:128 Resp: 1414421
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 47.32 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:122 Resp: 332359
Ion Ratio Lower Upper
122 100
105 130.9 104.8 144.8
77 105.1 71.0 111.0

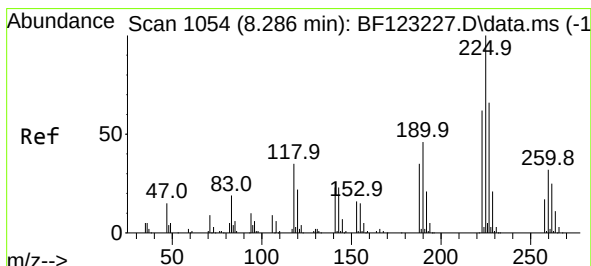
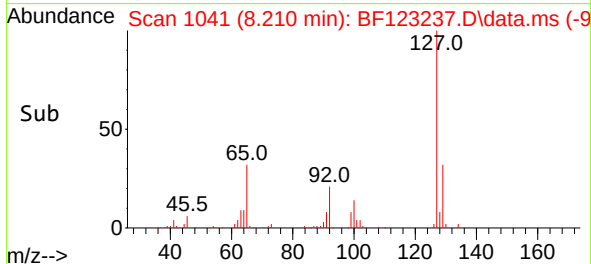
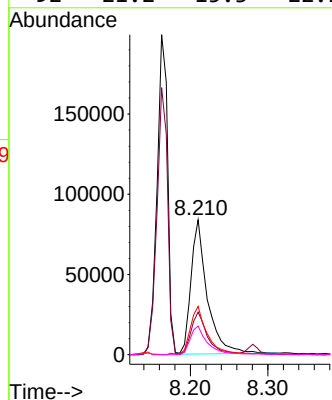
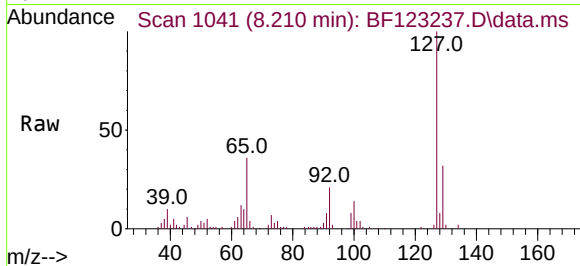




#33
4-Chloroaniline
Concen: 8.58 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

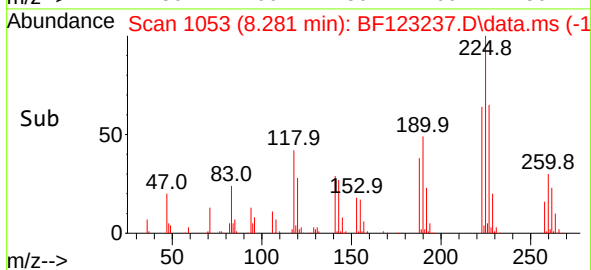
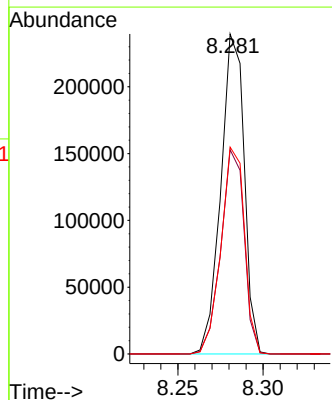
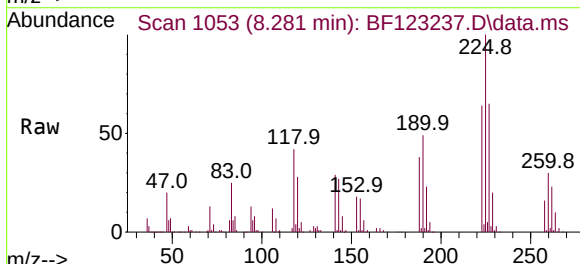
Instrument :
BNA_F
ClientSampleId :
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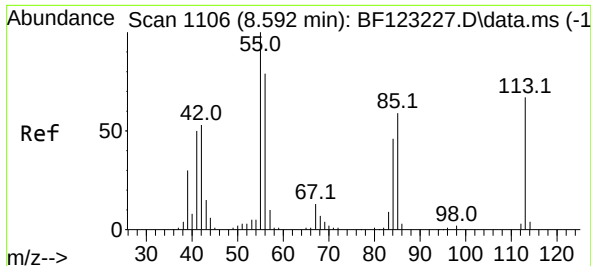
Tgt Ion:127	Resp:	122045
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.2 39.2
65	35.8	22.2 33.2#
92	21.2	15.3 22.9



#34
Hexachlorobutadiene
Concen: 37.95 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:225	Resp:	228814
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.7 76.1
227	64.7	51.7 77.5

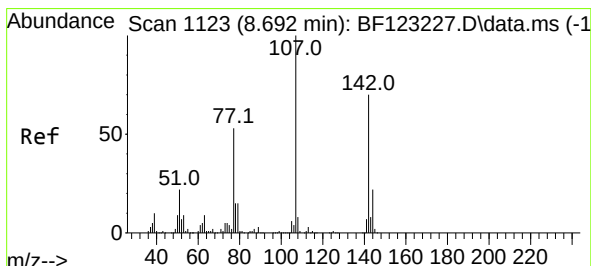
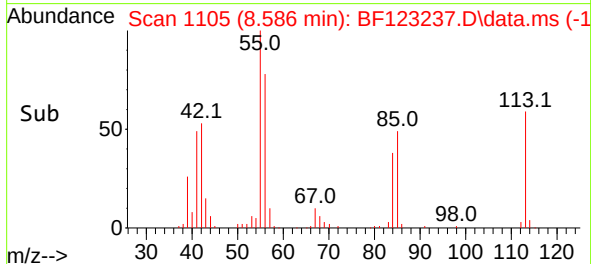
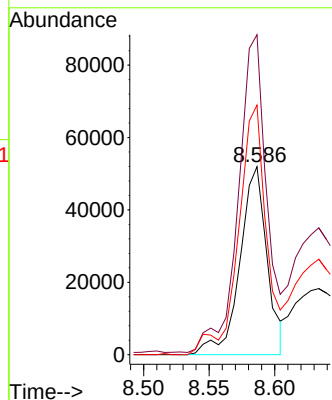
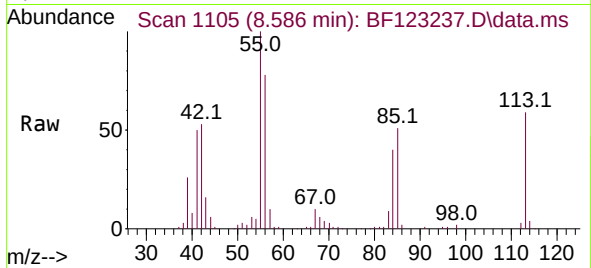




#35
Caprolactam
Concen: 22.69 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

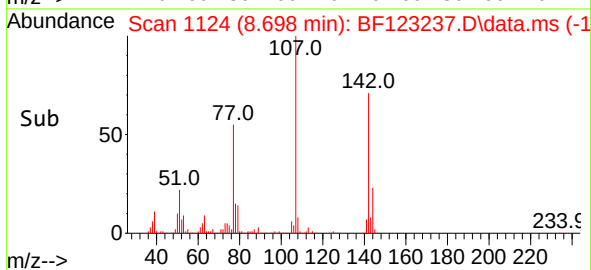
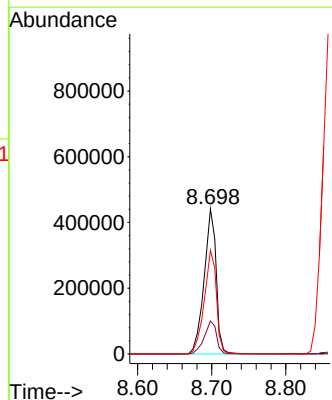
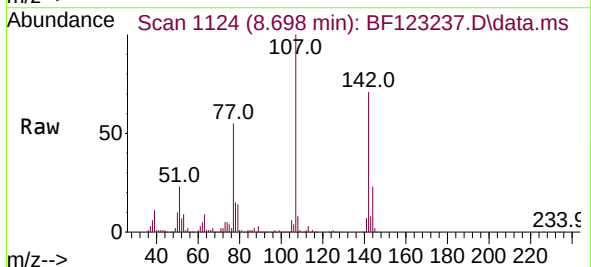
Instrument :
BNA_F
ClientSampleId :
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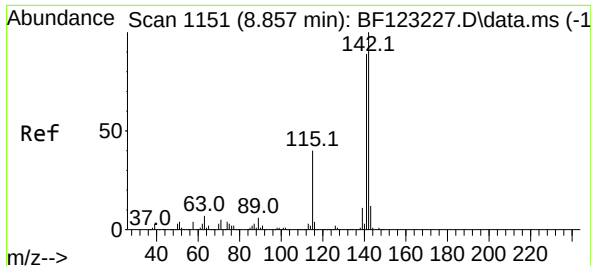
Tgt Ion:113 Resp: 74852
Ion Ratio Lower Upper
113 100
55 170.1 133.7 173.7
56 132.7 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 42.75 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:107 Resp: 499618
Ion Ratio Lower Upper
107 100
144 22.8 20.2 30.2
142 71.5 64.4 96.6

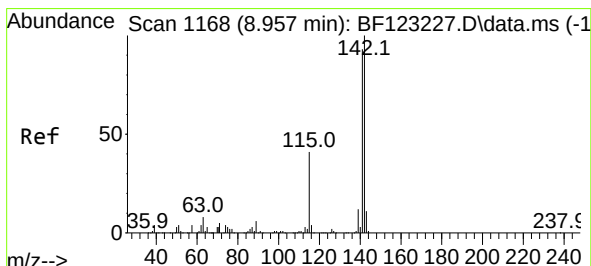
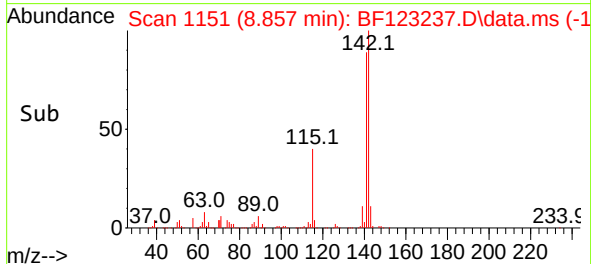
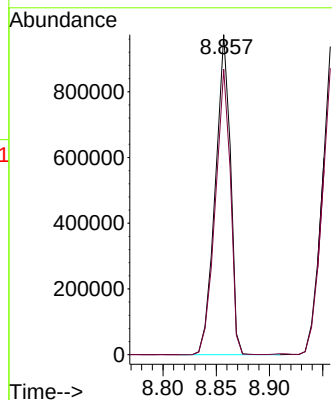
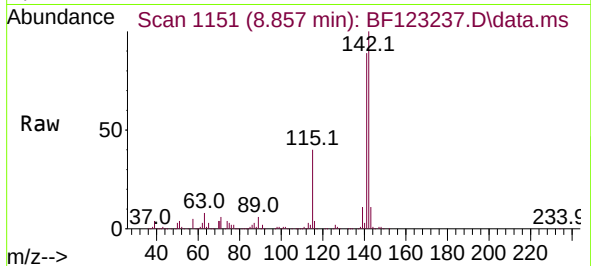




#37
2-Methylnaphthalene
Concen: 41.04 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

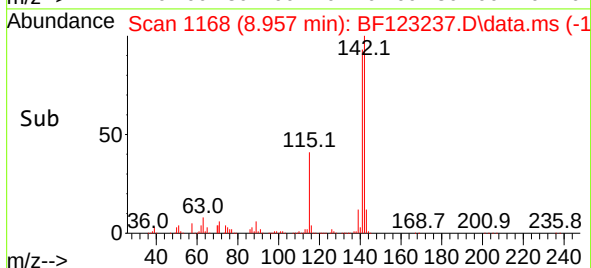
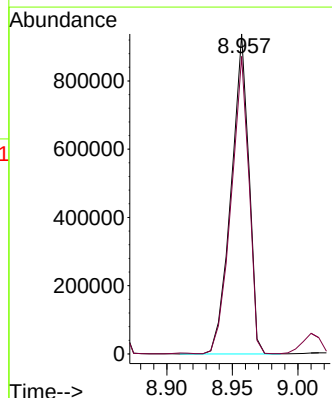
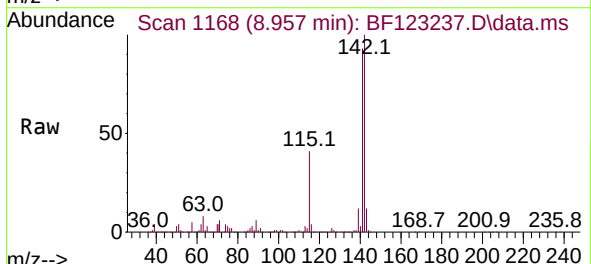
Instrument :
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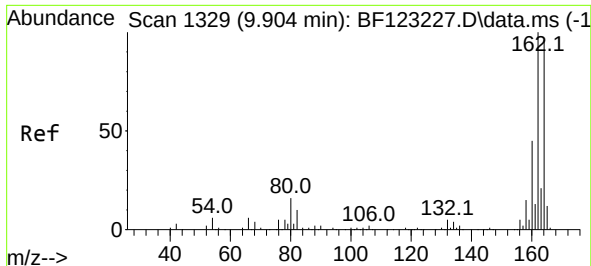
Tgt Ion:142 Resp: 955182
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0



#38
1-Methylnaphthalene
Concen: 40.54 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:142 Resp: 882371
Ion Ratio Lower Upper
142 100
141 93.0 74.5 111.7

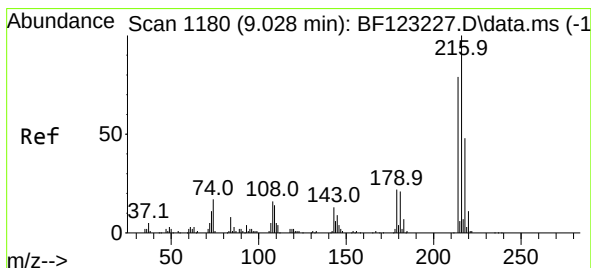
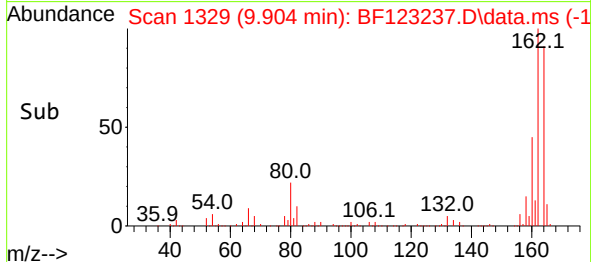
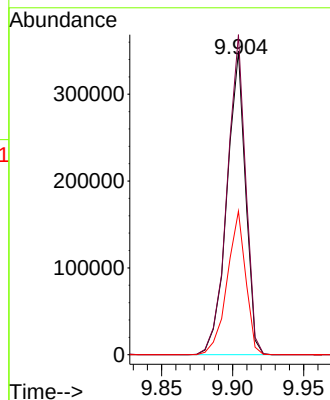
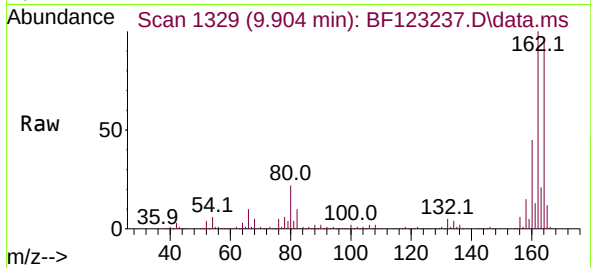




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

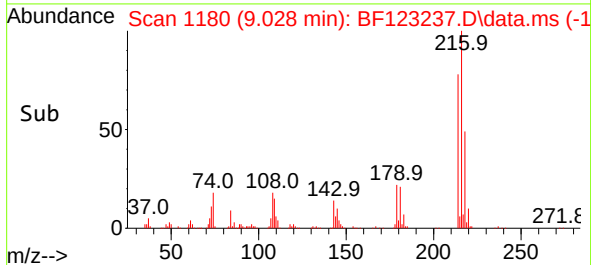
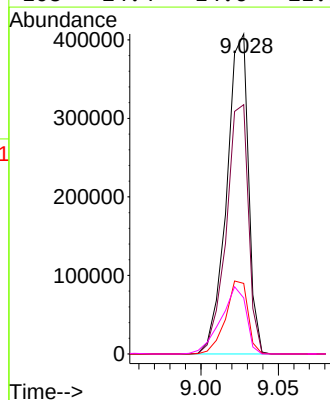
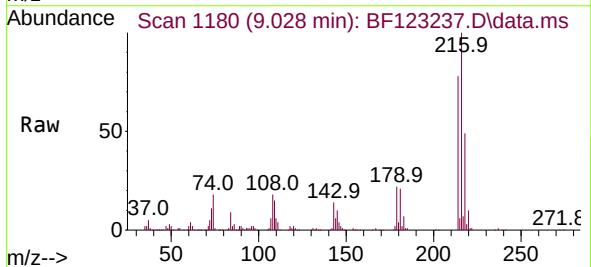
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BNA_F
ClientSampleId :
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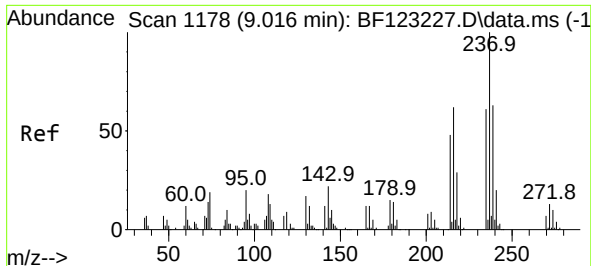
Tgt Ion:164 Resp: 319242
Ion Ratio Lower Upper
164 100
162 105.5 80.8 121.2
160 47.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.77 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:216 Resp: 398500
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 23.3 17.1 25.7
108 24.4 14.6 21.8#

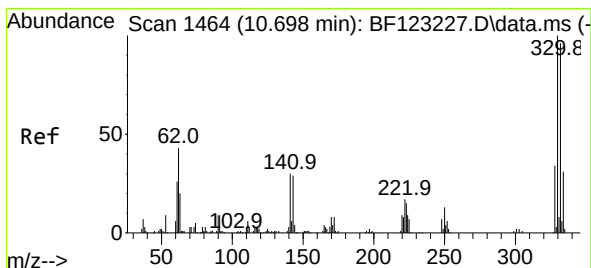
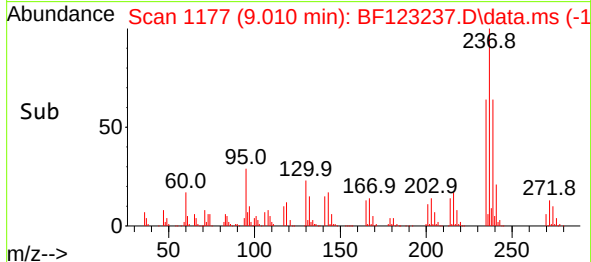
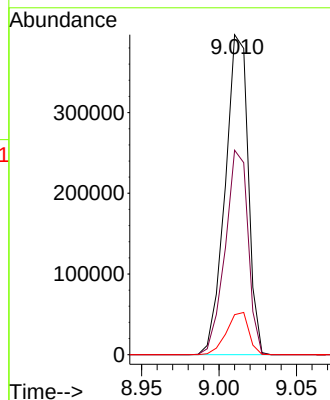
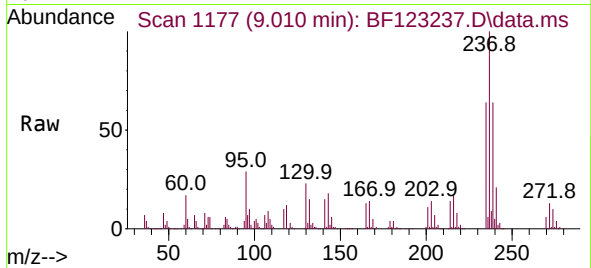




#41
Hexachlorocyclopentadiene
Concen: 91.58 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

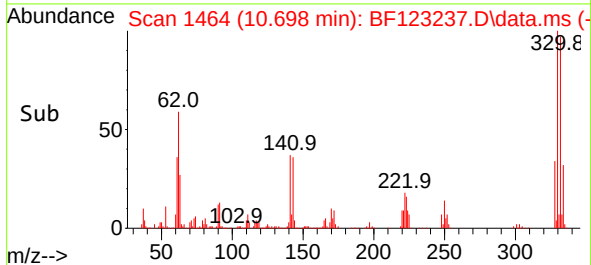
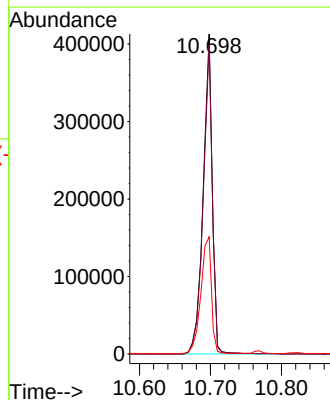
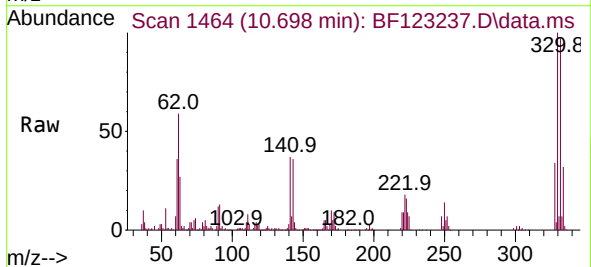
Instrument :
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ClientSampleId :
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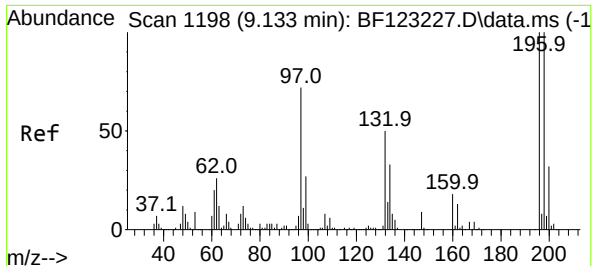
Tgt Ion:237 Resp: 409283
Ion Ratio Lower Upper
237 100
235 63.9 40.9 80.9
272 12.5 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 113.92 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:330 Resp: 370321
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 42.4 23.8 35.8#

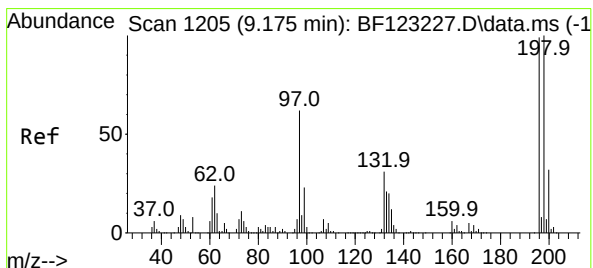
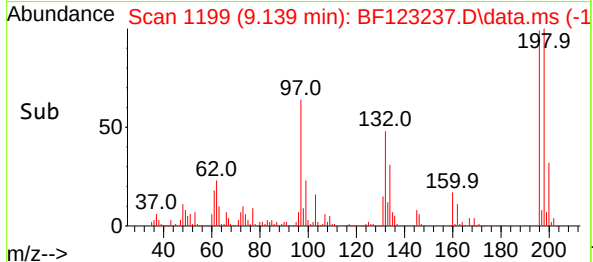
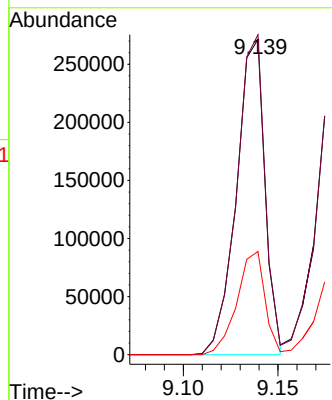
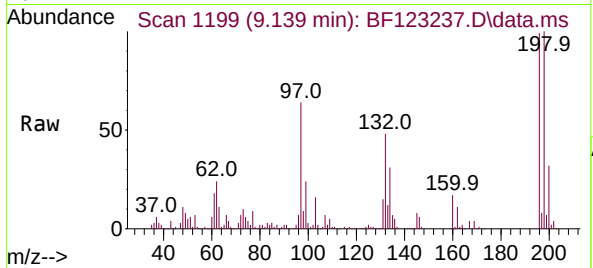




#43
2,4,6-Trichlorophenol
Concen: 42.07 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

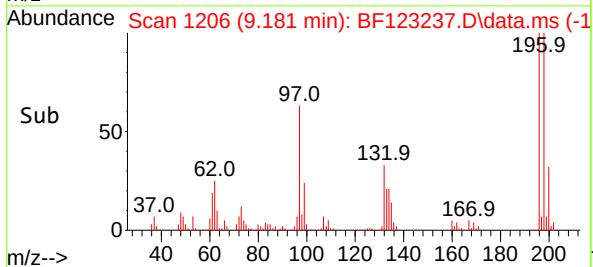
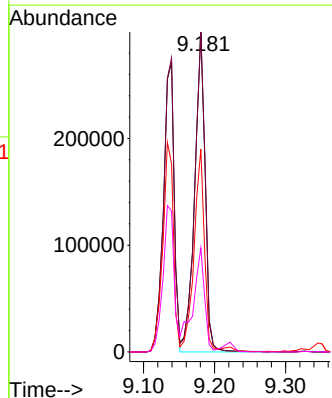
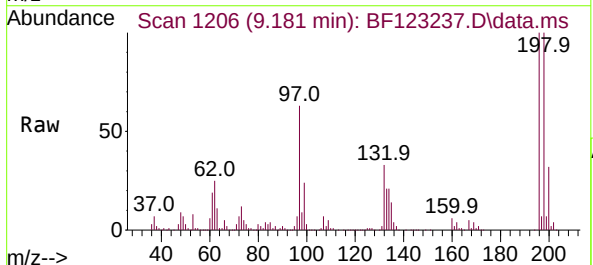
Instrument :
BNA_F
ClientSampleId :
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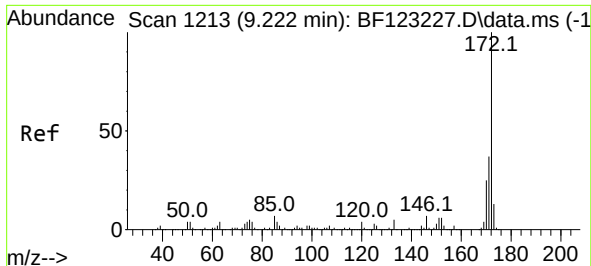
Tgt Ion:196 Resp: 284610
Ion Ratio Lower Upper
196 100
198 101.5 75.1 112.7
200 32.7 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 42.69 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:196 Resp: 309077
Ion Ratio Lower Upper
196 100
198 99.9 76.5 114.7
97 63.4 40.1 60.1#
132 32.5 23.3 34.9

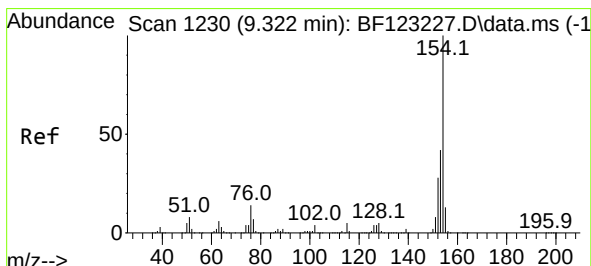
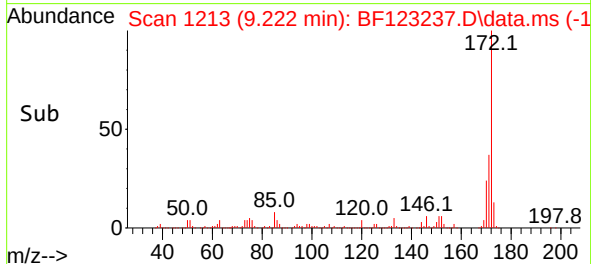
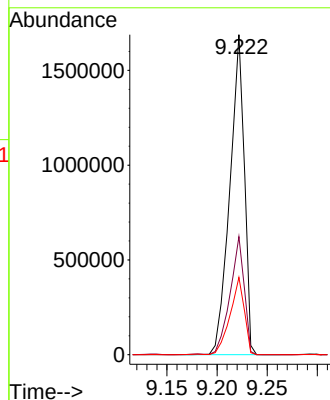
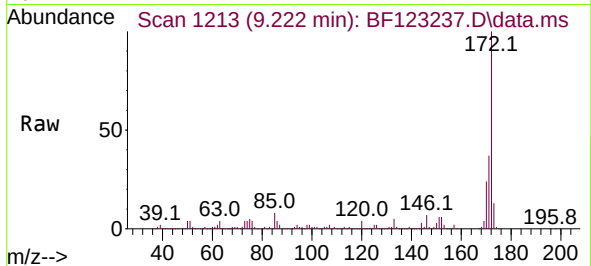




#45
2-Fluorobiphenyl
Concen: 76.22 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

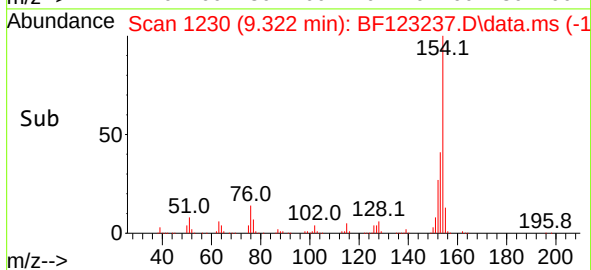
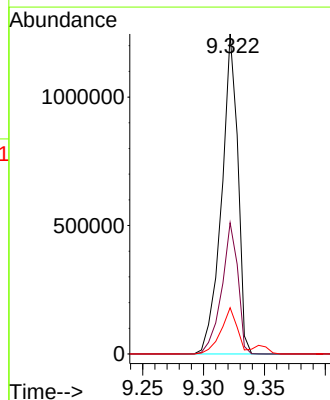
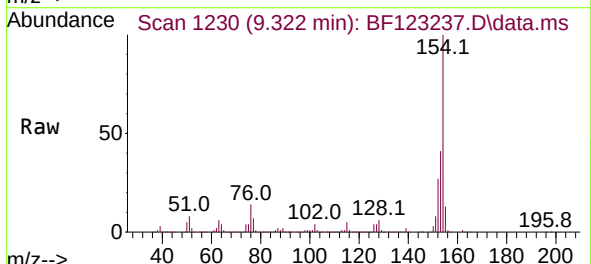
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

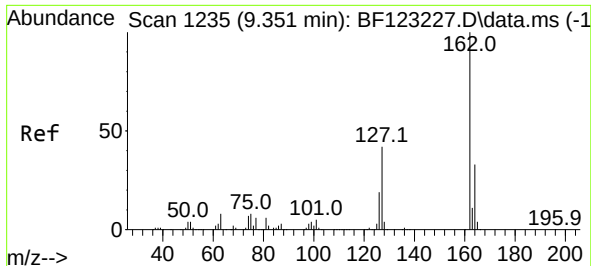
Tgt Ion:172 Resp: 1693883
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 43.61 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:154 Resp: 1154964
Ion Ratio Lower Upper
154 100
153 41.0 21.8 61.8
76 14.4 0.0 33.4

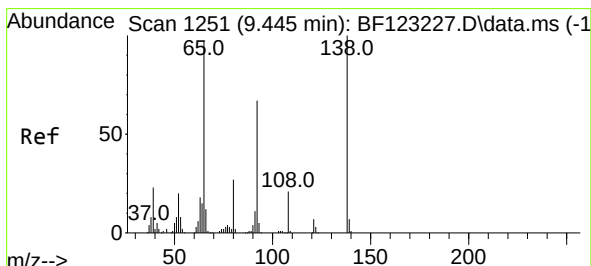
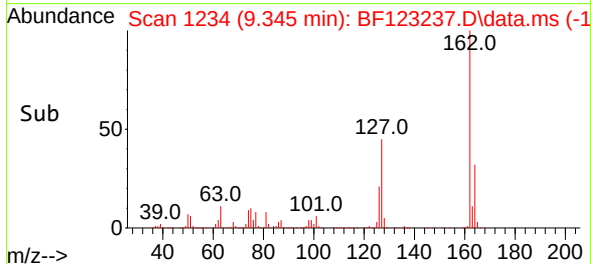
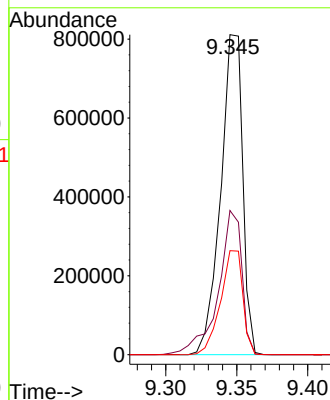
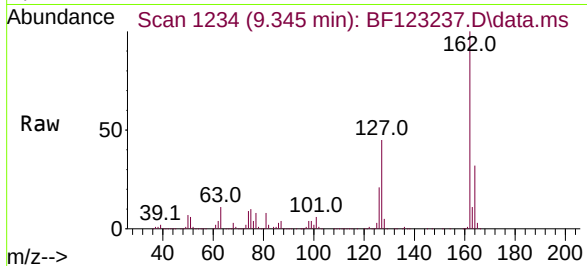




#47
2-Chloronaphthalene
Concen: 41.88 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

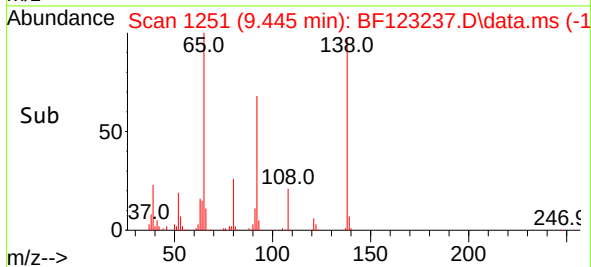
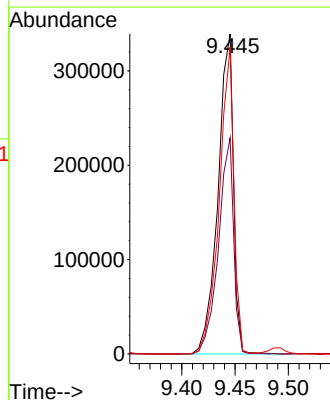
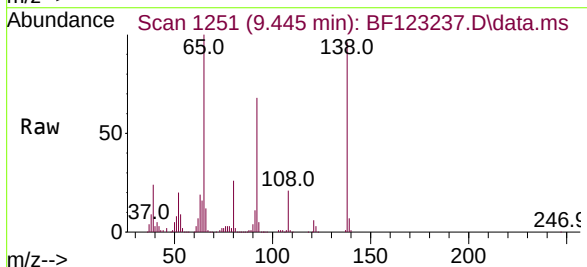
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

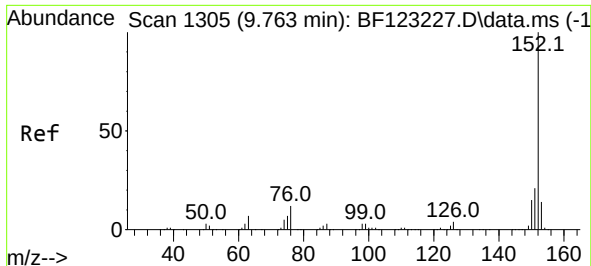
Tgt Ion:162 Resp: 875029
Ion Ratio Lower Upper
162 100
127 45.1 33.8 50.8
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 45.59 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion: 65 Resp: 341321
Ion Ratio Lower Upper
65 100
92 67.5 60.0 90.0
138 95.9 100.6 151.0#

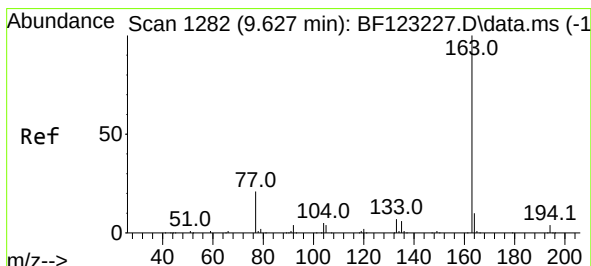
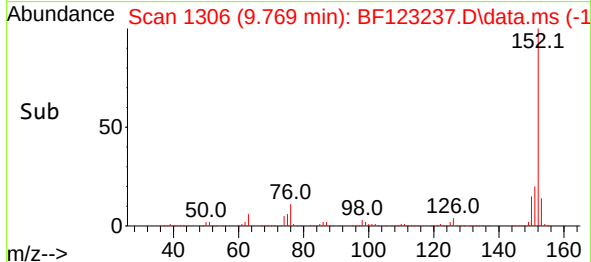
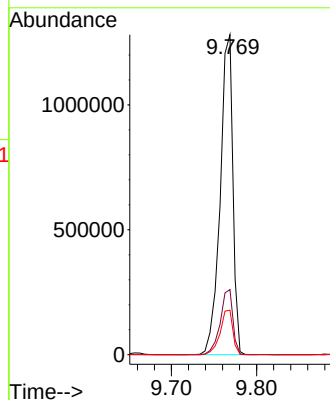
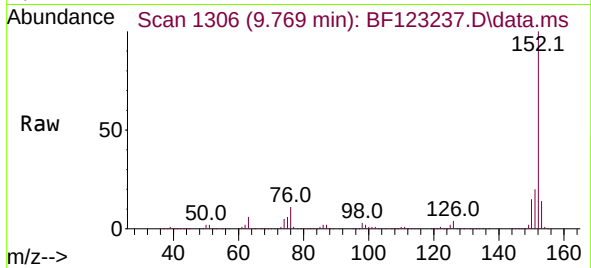




#49
Acenaphthylene
Concen: 41.91 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

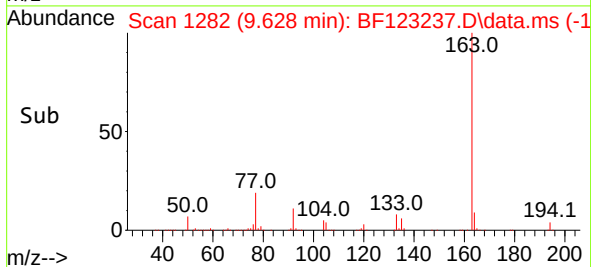
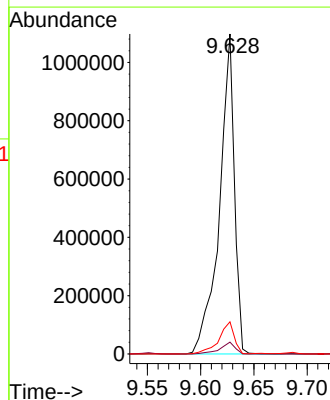
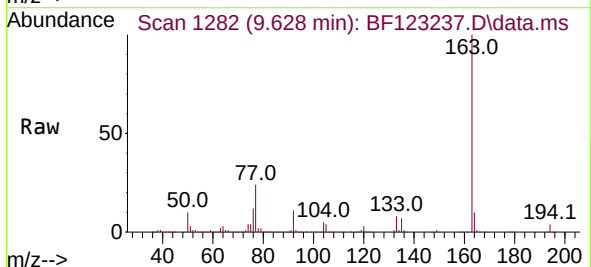
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

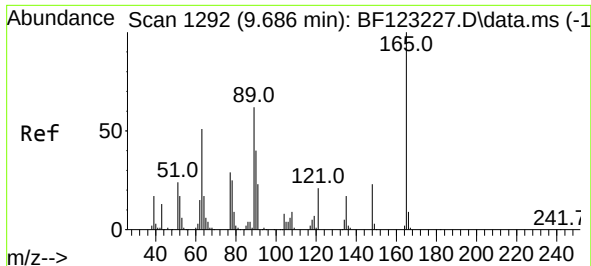
Tgt Ion:152 Resp: 1328366
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 44.92 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:163 Resp: 1072382
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 8.1 12.1

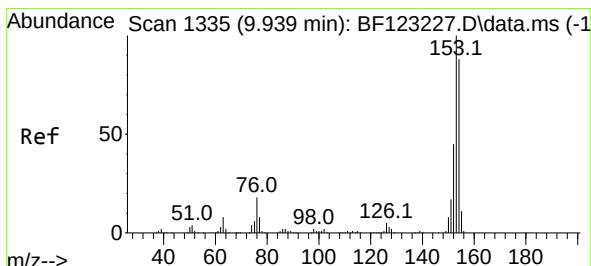
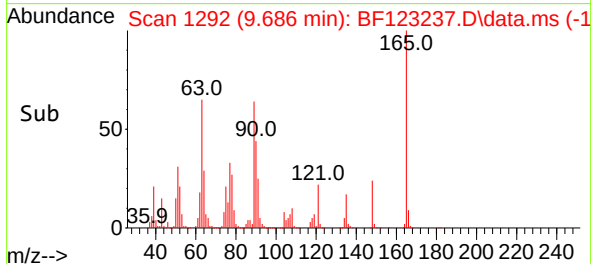
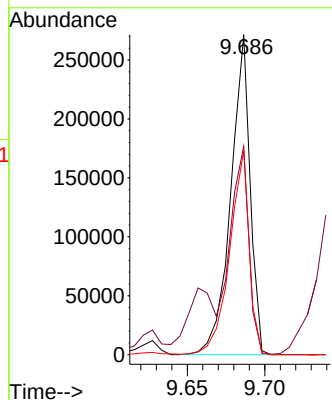
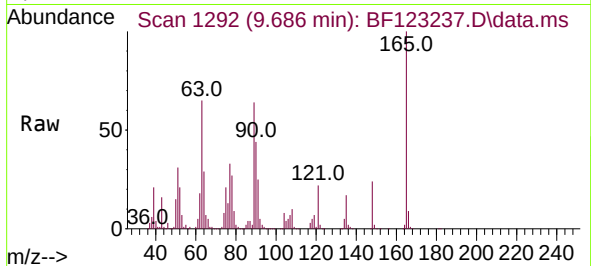




#51
2,6-Dinitrotoluene
Concen: 42.95 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

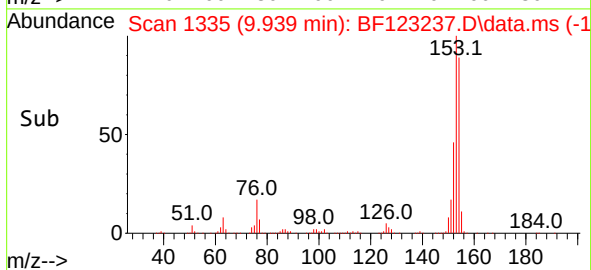
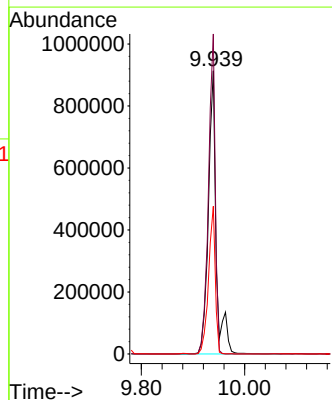
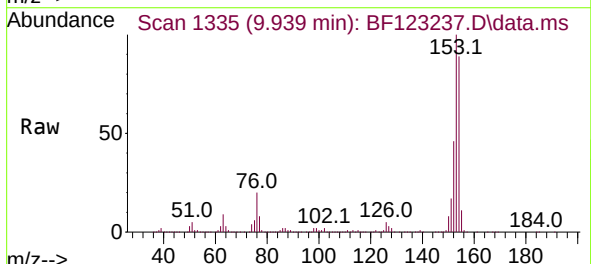
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

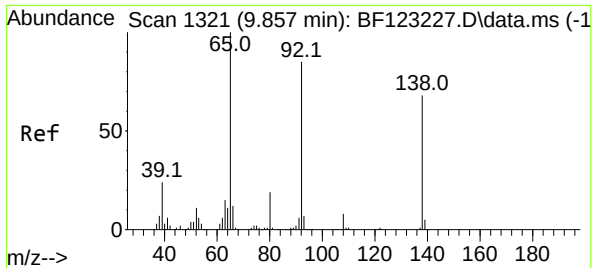
Tgt Ion:165 Resp: 236300
Ion Ratio Lower Upper
165 100
63 65.1 36.6 55.0#
89 63.8 39.4 59.0#



#52
Acenaphthene
Concen: 44.12 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:154 Resp: 964134
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 52.1 42.7 64.1

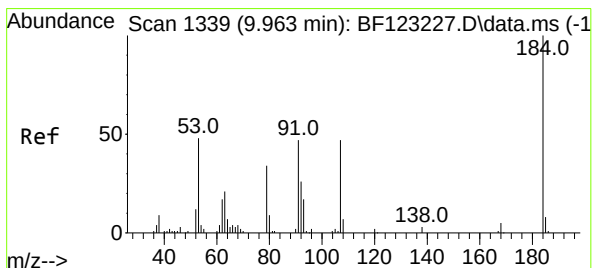
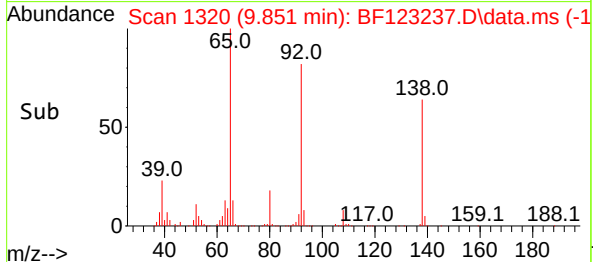
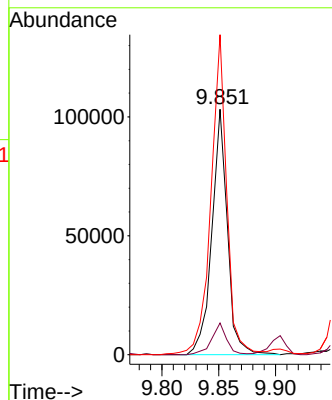
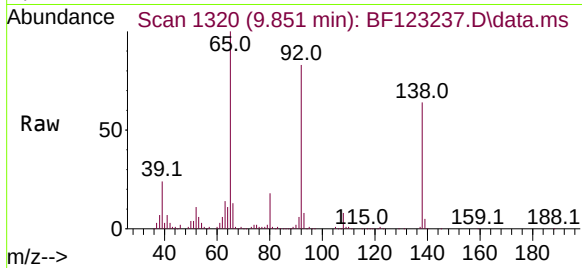




#53
3-Nitroaniline
Concen: 16.07 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

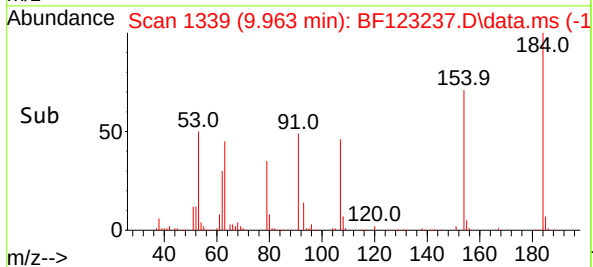
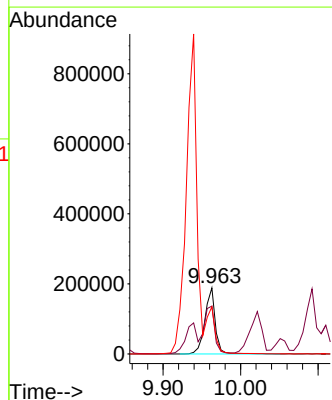
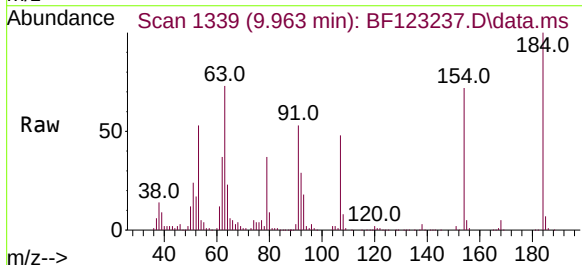
Instrument :
BNA_F
ClientSampleId :
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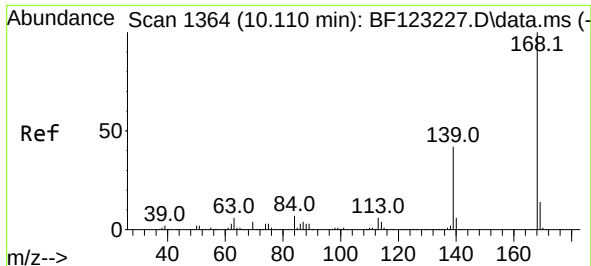
Tgt Ion:138 Resp: 98140
Ion Ratio Lower Upper
138 100
108 12.9 8.2 12.2#
92 130.4 85.4 128.2#



#54
2,4-Dinitrophenol
Concen: 60.59 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:184 Resp: 175113
Ion Ratio Lower Upper
184 100
63 72.5 51.4 77.2
154 71.5 49.7 74.5

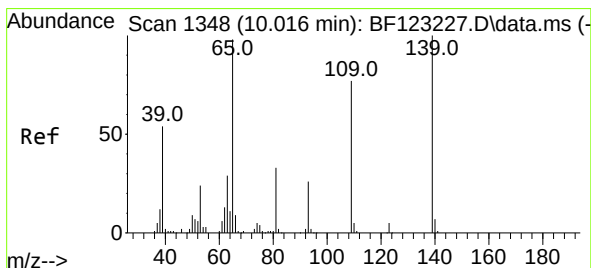
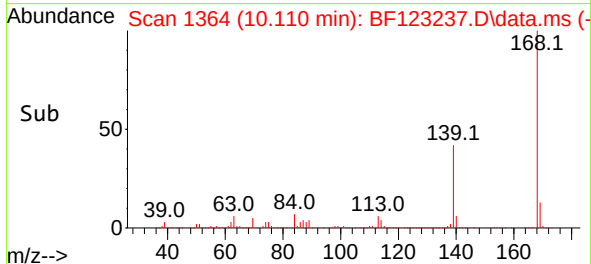
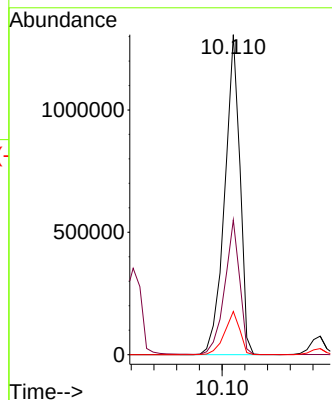
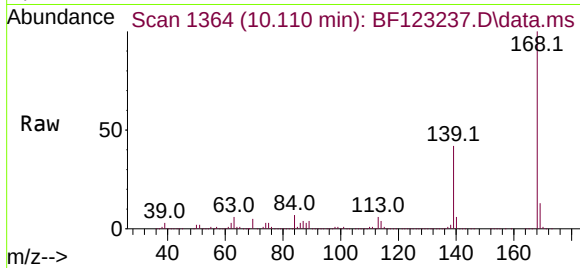




#55
Dibenzofuran
Concen: 41.02 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

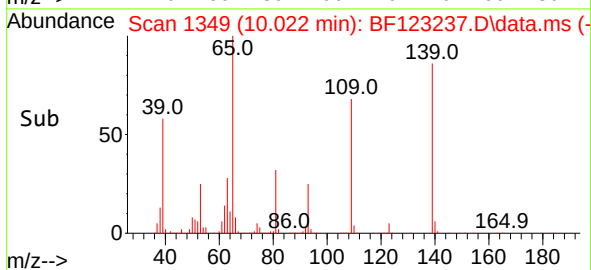
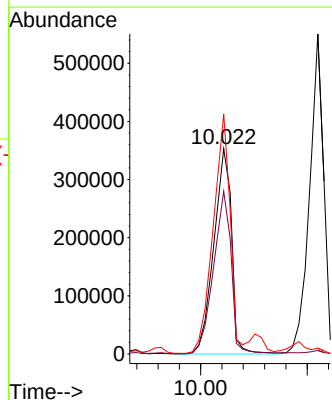
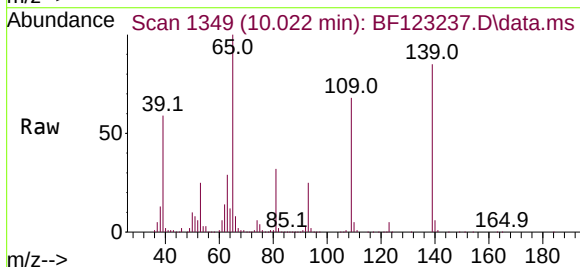
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

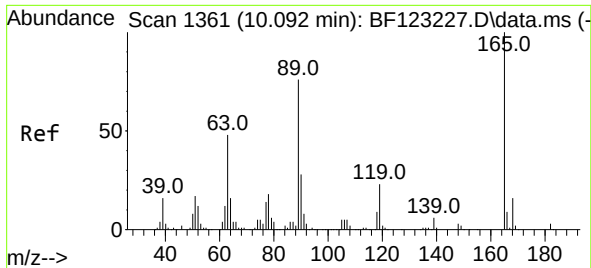
Tgt Ion:168 Resp: 1213632
Ion Ratio Lower Upper
168 100
139 42.1 31.3 46.9
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 83.72 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:139 Resp: 407415
Ion Ratio Lower Upper
139 100
109 79.3 45.1 85.1
65 117.0 59.2 99.2#

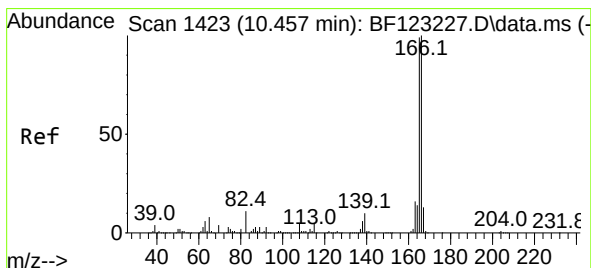
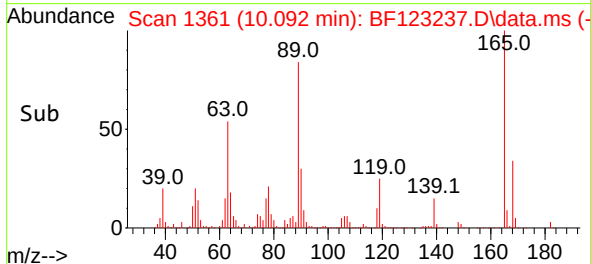
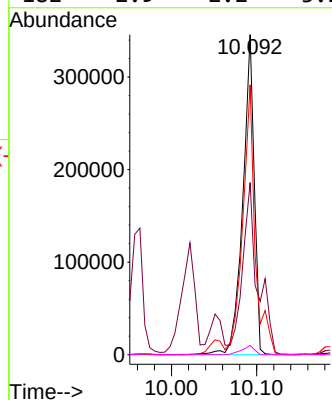
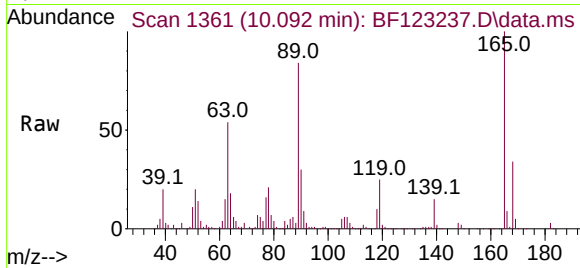




#57
2,4-Dinitrotoluene
Concen: 43.61 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

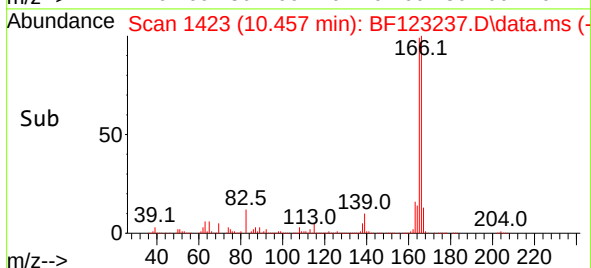
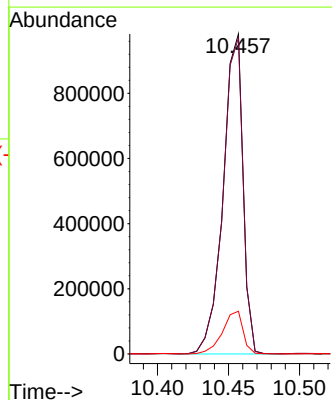
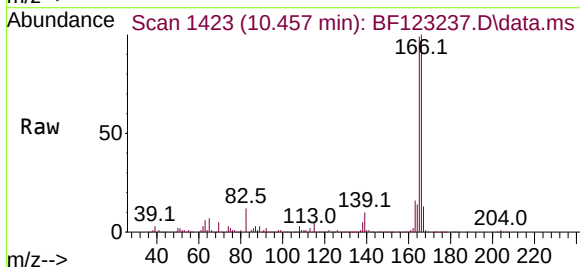
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BNA_F
ClientSampleId :
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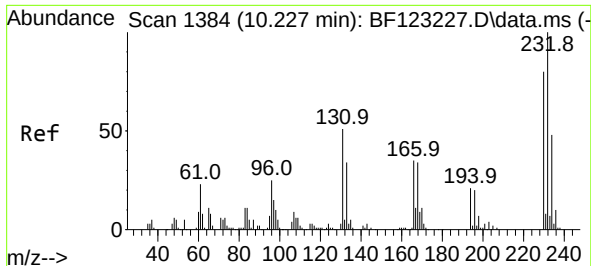
Tgt Ion:165 Resp: 322627
Ion Ratio Lower Upper
165 100
63 53.8 34.3 51.5#
89 84.4 55.2 82.8#
182 2.9 2.2 3.2



#58
Fluorene
Concen: 41.08 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:166 Resp: 956514
Ion Ratio Lower Upper
166 100
165 98.8 79.4 119.0
167 13.4 10.9 16.3

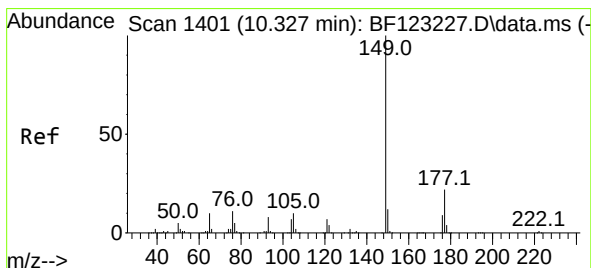
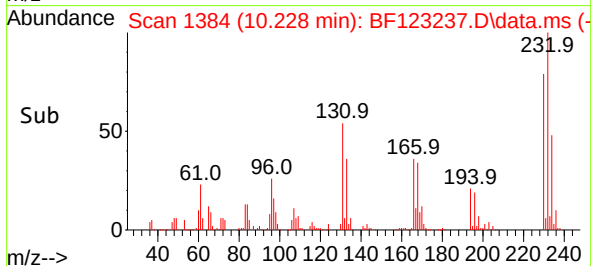
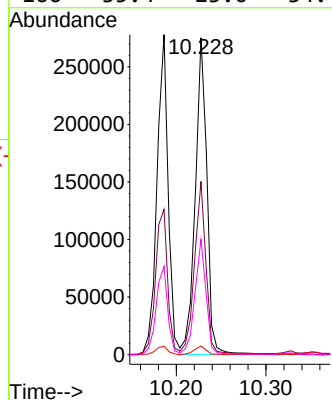
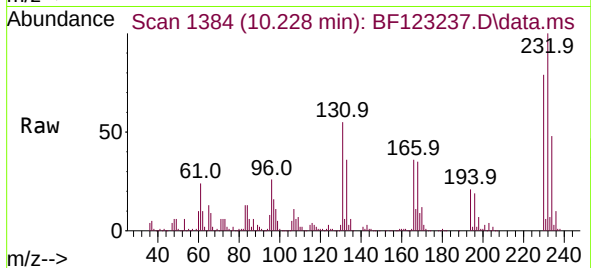




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.76 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

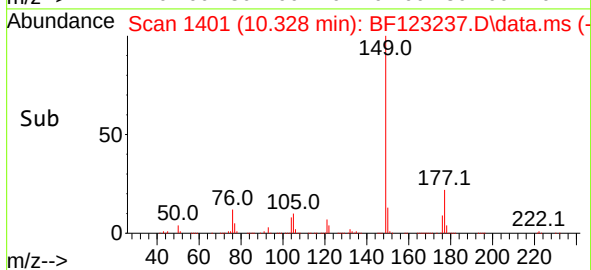
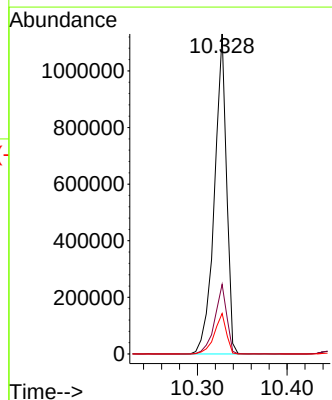
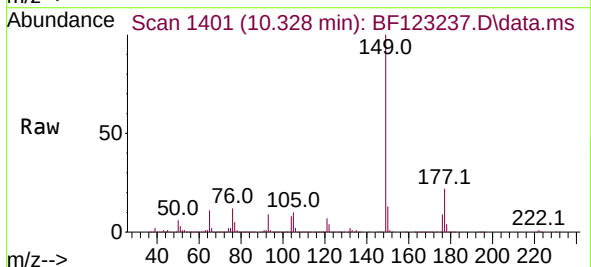
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BNA_F
ClientSampleId :
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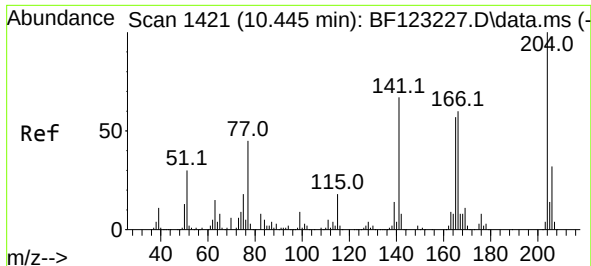
Tgt Ion:232 Resp: 247018
Ion Ratio Lower Upper
232 100
131 52.7 33.0 49.4#
130 2.9 1.7 2.5#
166 35.4 23.0 34.4#



#60
Diethylphthalate
Concen: 44.83 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:149 Resp: 1059704
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.4
150 12.7 10.1 15.1

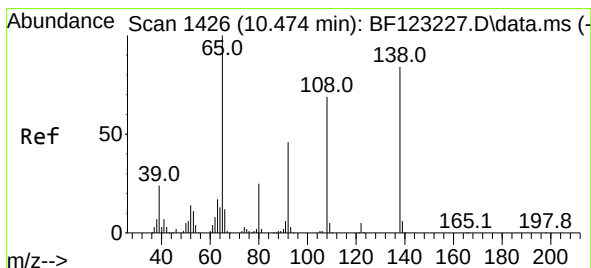
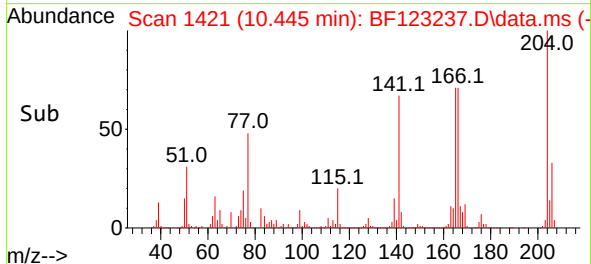
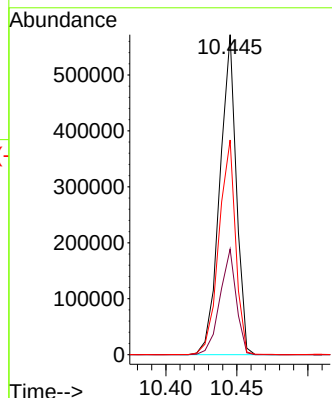
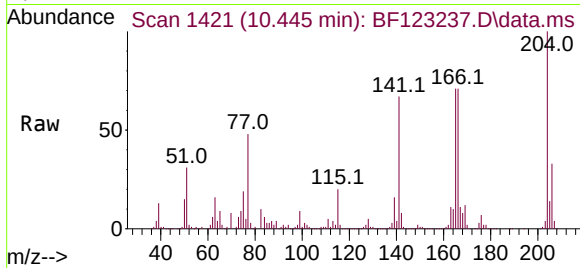




#61
4-Chlorophenyl-phenylether
Concen: 41.72 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

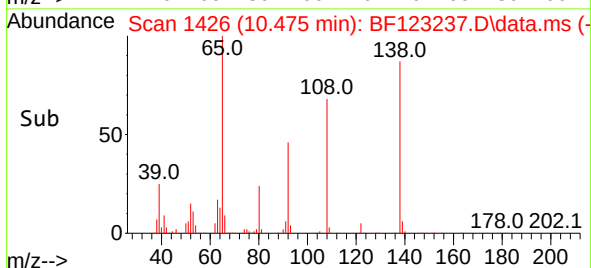
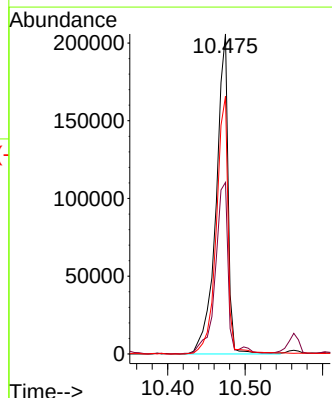
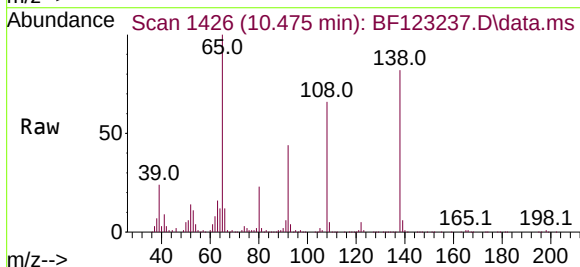
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

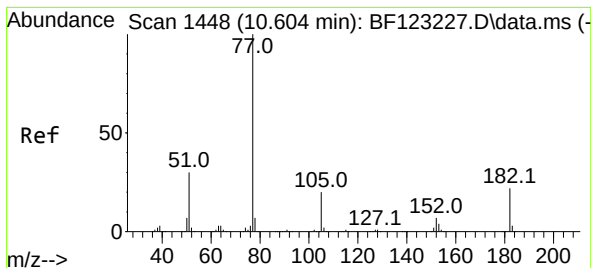
Tgt Ion:204 Resp: 462491
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 67.1 50.4 75.6



#62
4-Nitroaniline
Concen: 36.26 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:138 Resp: 222901
Ion Ratio Lower Upper
138 100
92 53.6 31.0 71.0
108 80.5 54.8 94.8



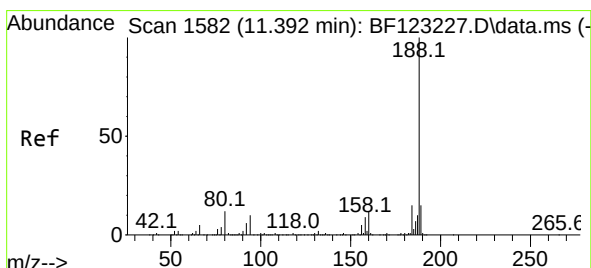
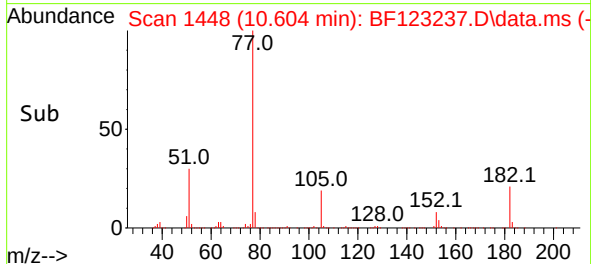
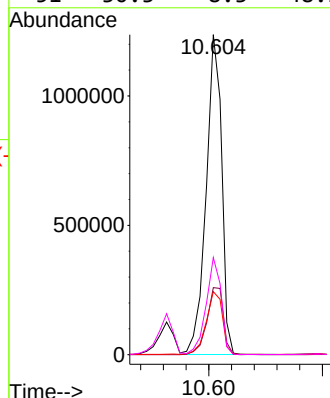
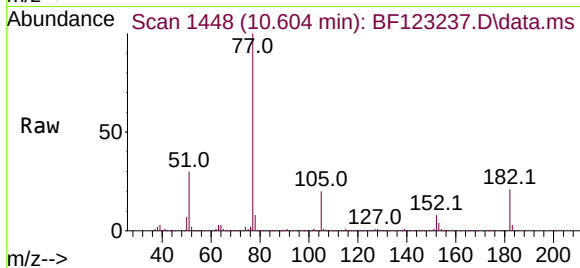


#63
Azobenzene
Concen: 43.00 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

Tgt Ion: 77 Resp: 1171237

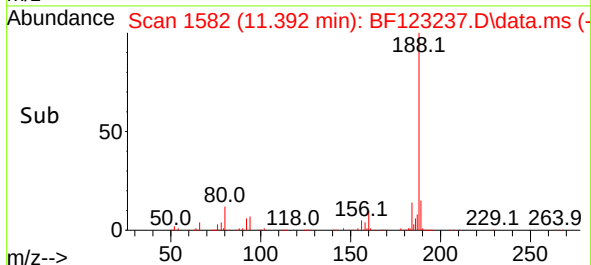
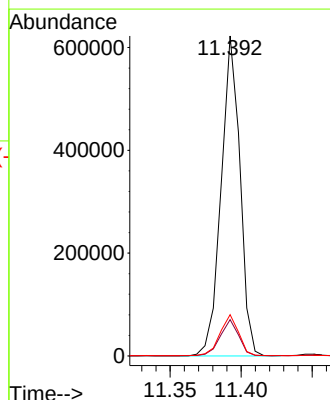
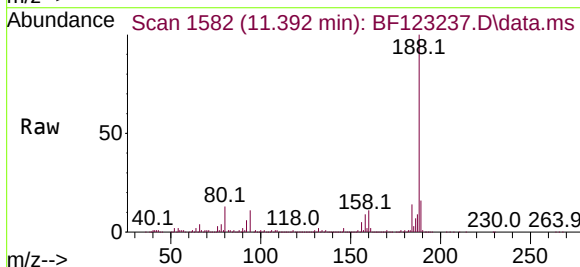
Ion	Ratio	Lower	Upper
77	100		
182	21.0	5.6	45.6
105	19.7	1.8	41.8
51	30.3	8.3	48.3

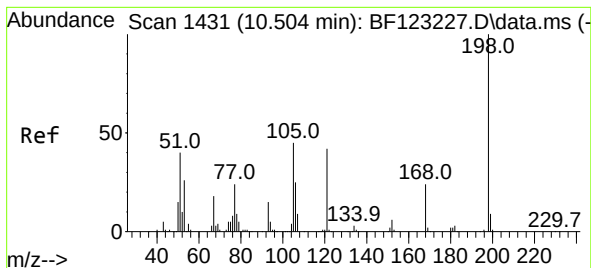


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion: 188 Resp: 573705

Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.4	11.2#
80	12.9	8.2	12.4#

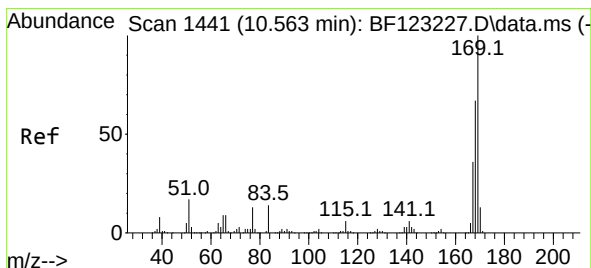
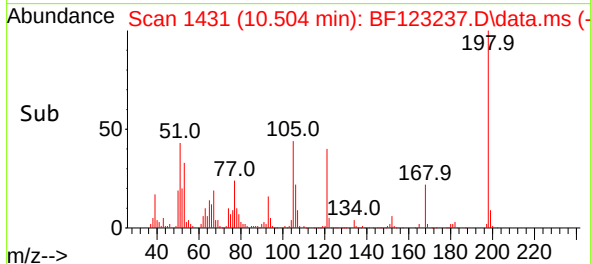
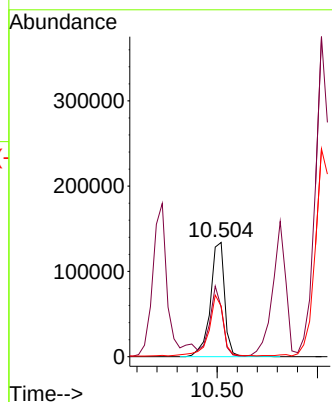
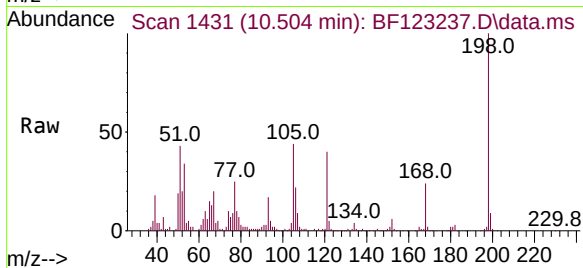




#65
4,6-Dinitro-2-methylphenol
Concen: 34.32 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

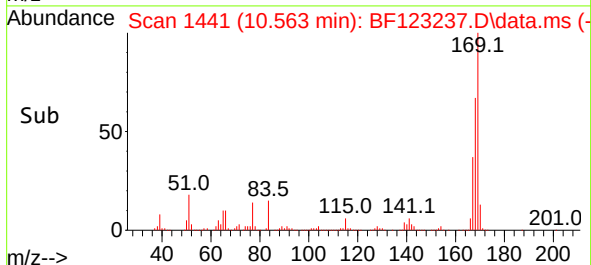
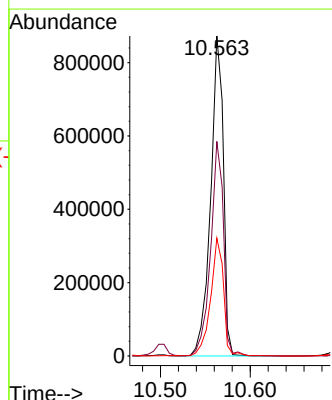
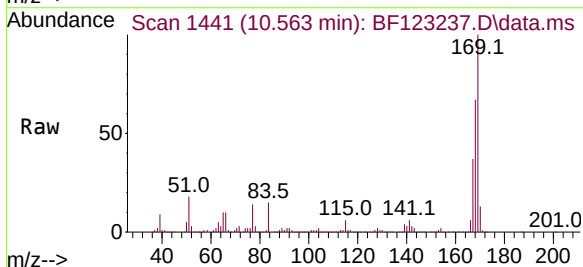
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

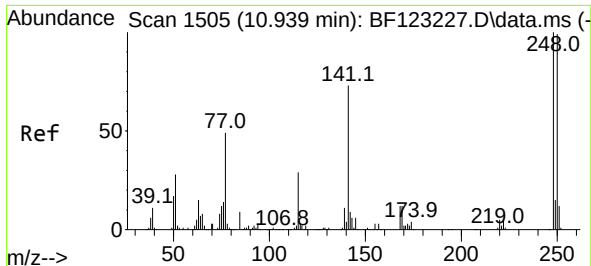
Tgt Ion:198 Resp: 132530
Ion Ratio Lower Upper
198 100
51 43.3 20.3 60.3
105 44.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 43.26 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:169 Resp: 858311
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 36.8 29.2 43.8

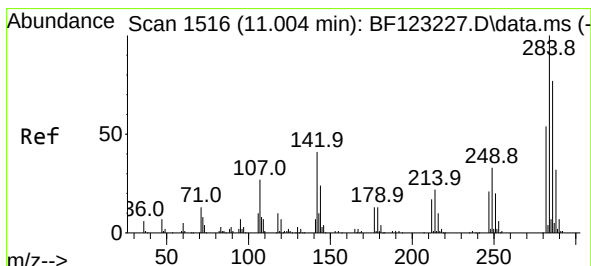
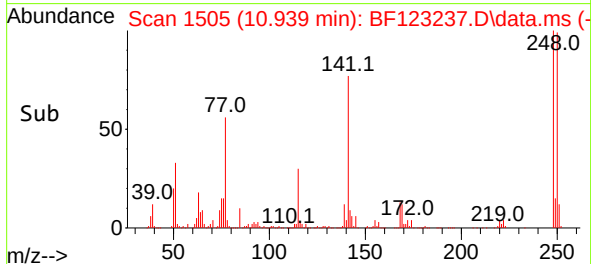
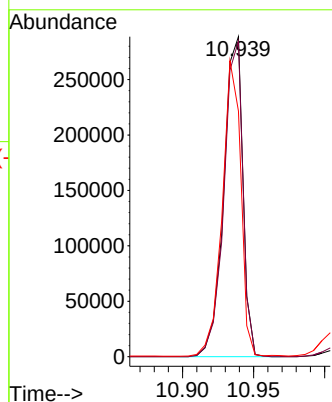
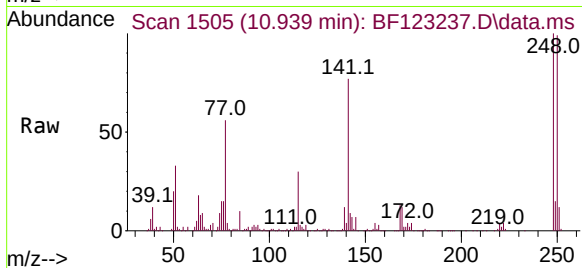




#67
4-Bromophenyl-phenylether
Concen: 43.04 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

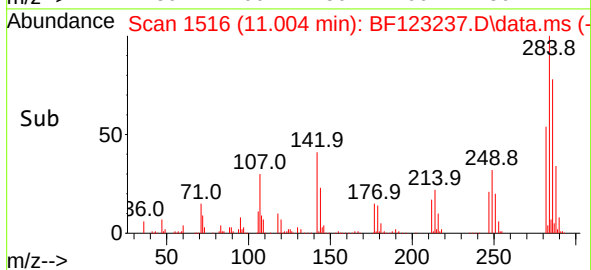
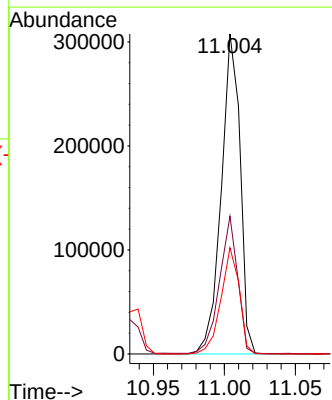
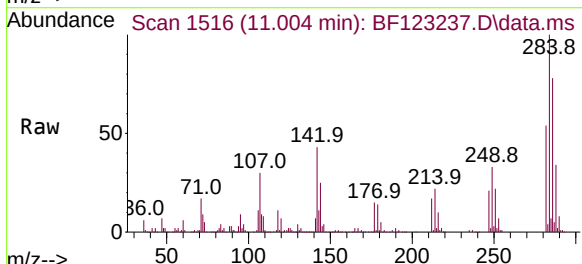
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

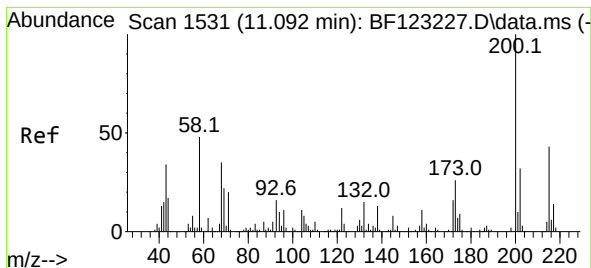
Tgt Ion:248 Resp: 269186
Ion Ratio Lower Upper
248 100
250 98.6 76.8 115.2
141 76.8 59.8 89.8



#68
Hexachlorobenzene
Concen: 43.00 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:284 Resp: 283283
Ion Ratio Lower Upper
284 100
142 43.1 25.6 38.4#
249 33.2 25.1 37.7





#69

Atrazine

Concen: 39.32 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF123237.D

Acq: 19 Feb 2021 21:12

Tgt Ion:200 Resp: 246484

Ion Ratio Lower Upper

200 100

173 27.4 6.6 46.6

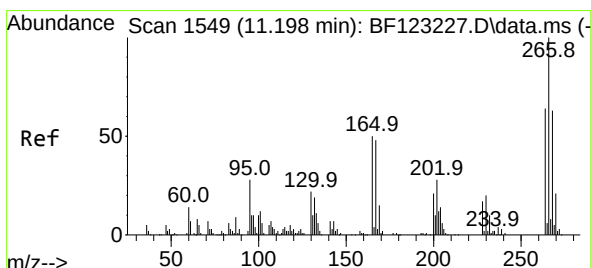
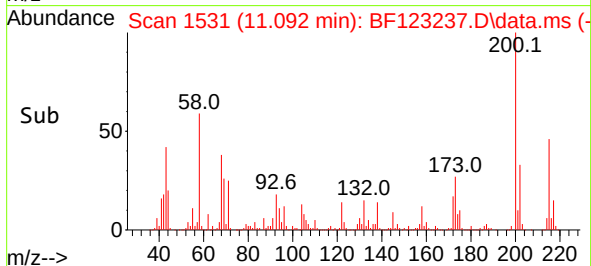
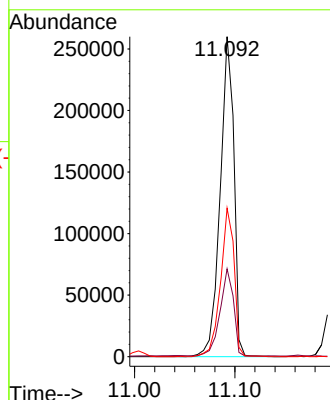
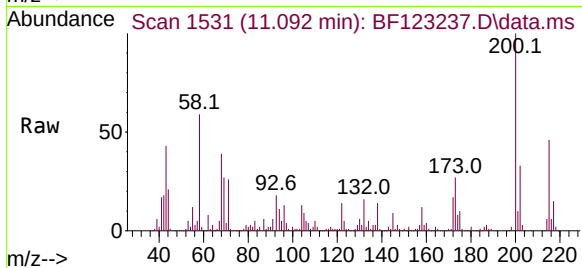
215 46.4 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

SAND-SOIL-PILEMS



#70

Pentachlorophenol

Concen: 81.75 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF123237.D

Acq: 19 Feb 2021 21:12

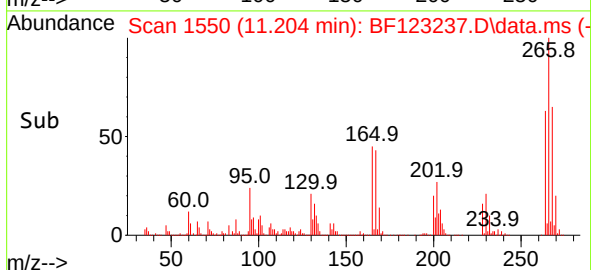
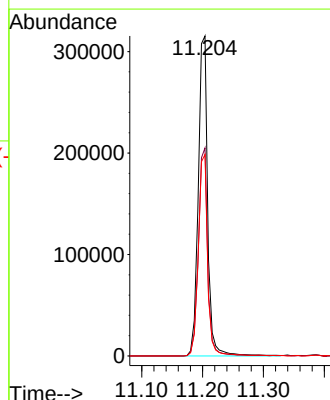
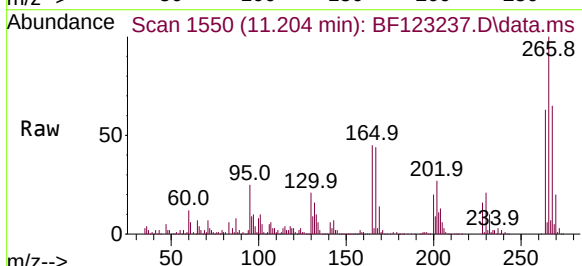
Tgt Ion:266 Resp: 340090

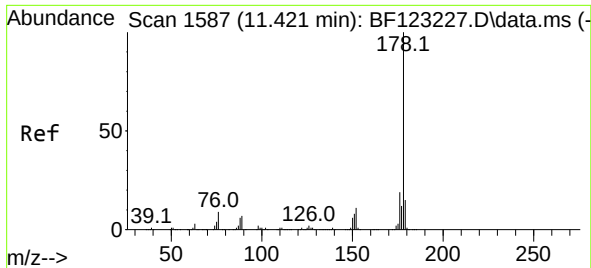
Ion Ratio Lower Upper

266 100

268 65.0 50.5 75.7

264 62.9 49.8 74.8

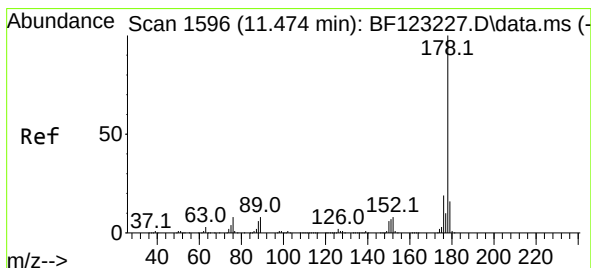
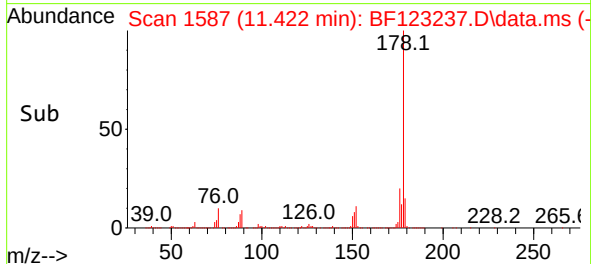
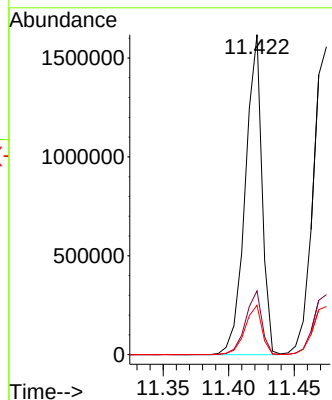
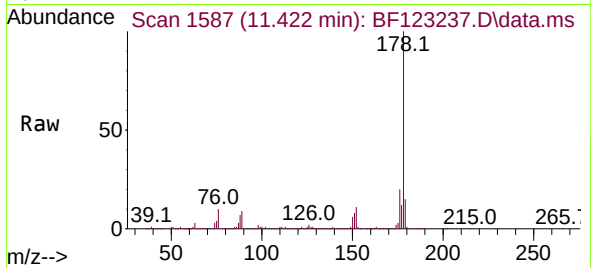




#71
Phenanthrene
Concen: 42.25 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

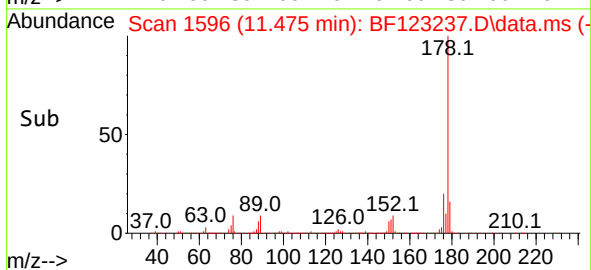
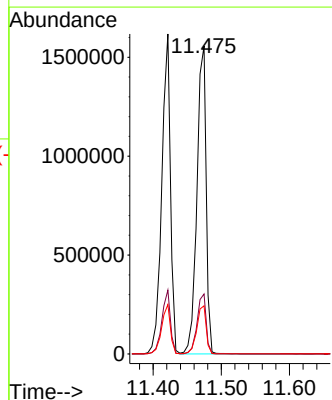
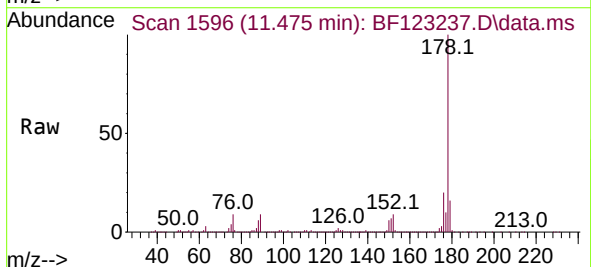
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

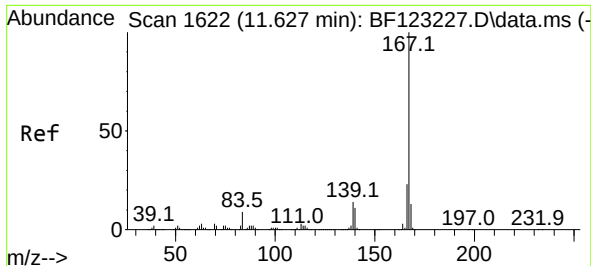
Tgt Ion:178 Resp: 1433376
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.5 12.7 19.1



#72
Anthracene
Concen: 43.22 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:178 Resp: 1462990
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.8 19.2



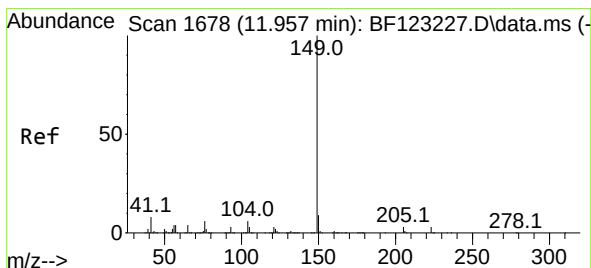
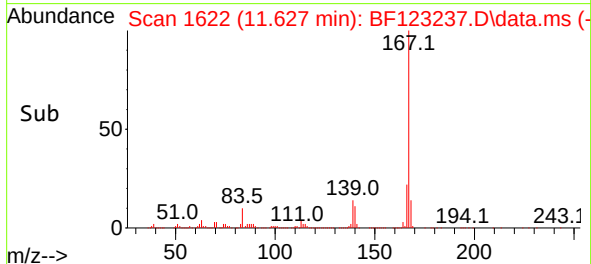
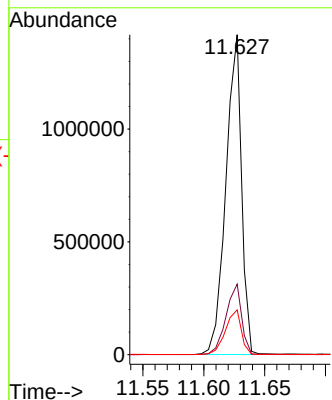
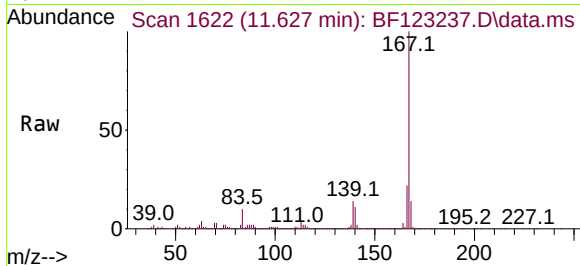


#73
 Carbazole
 Concen: 39.99 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF123237.D
 Acq: 19 Feb 2021 21:12

Instrument :
 BNA_F
 ClientSampleId :
 SAND-SOIL-PILEMS

Tgt Ion:167 Resp: 1274805

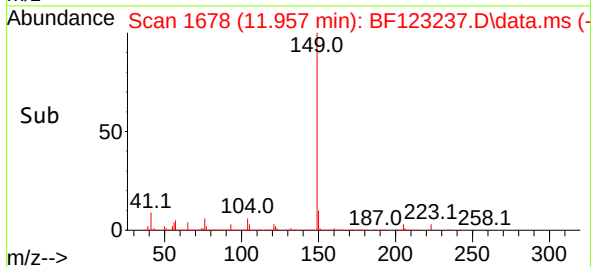
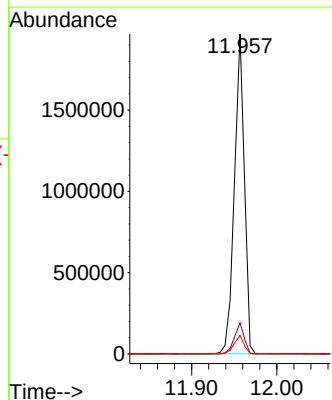
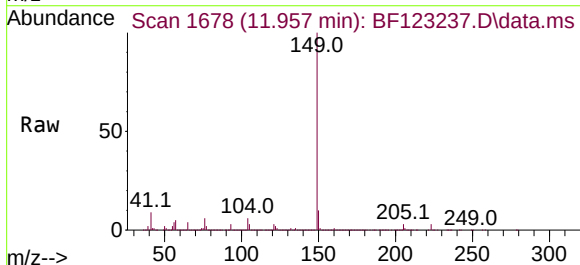
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	14.0	10.9	16.3

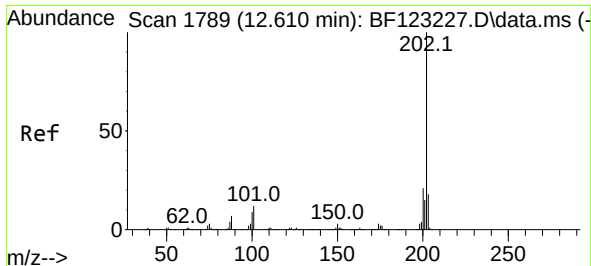


#74
 Di-n-butylphthalate
 Concen: 44.91 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF123237.D
 Acq: 19 Feb 2021 21:12

Tgt Ion:149 Resp: 1600848

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.8	4.2	6.4

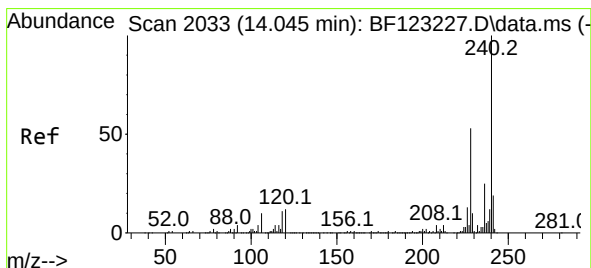
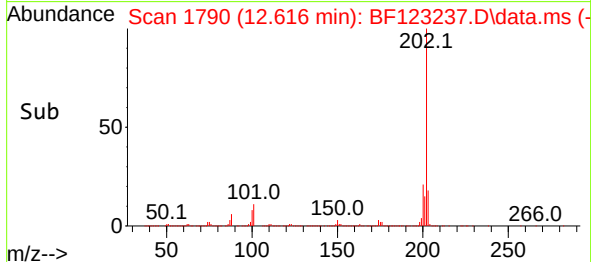
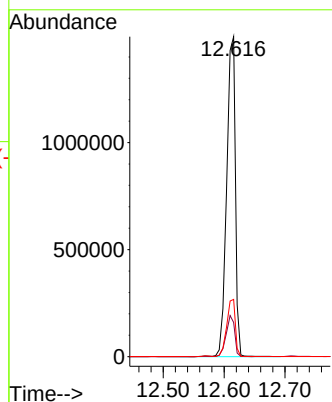
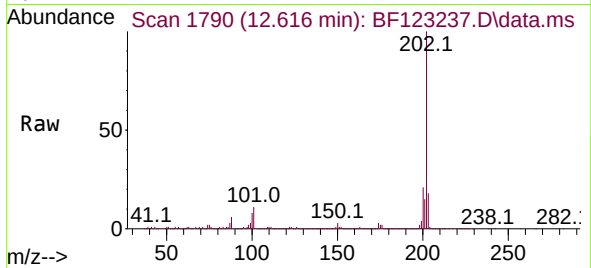




#75
Fluoranthene
Concen: 41.48 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

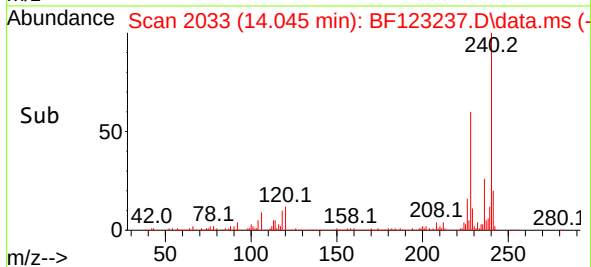
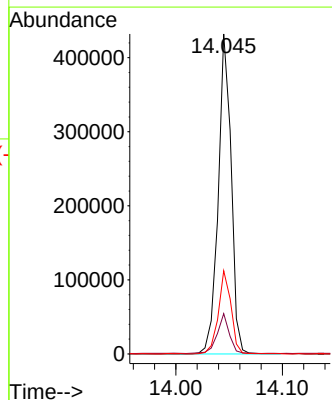
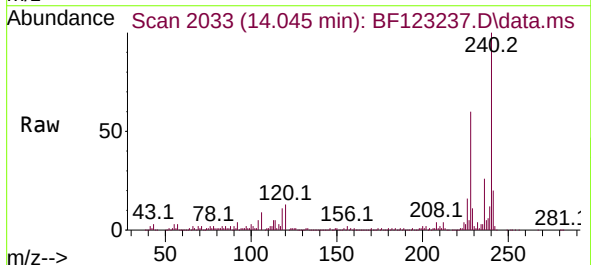
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

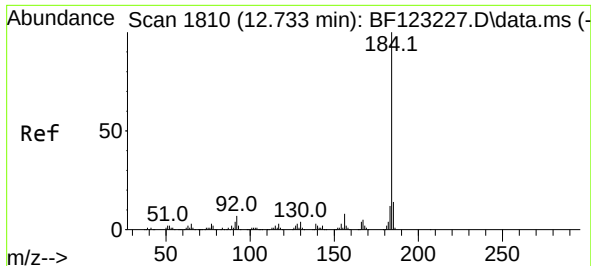
Tgt Ion:202 Resp: 1491486
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:240 Resp: 361925
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.0 20.3 30.5

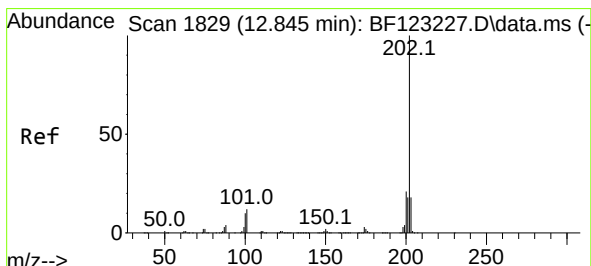
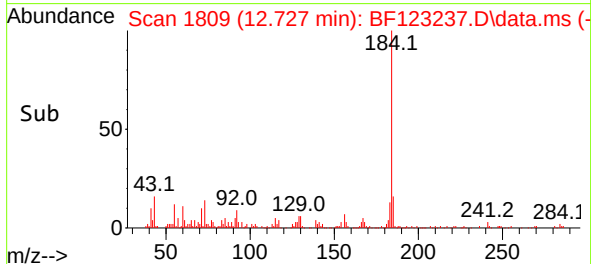
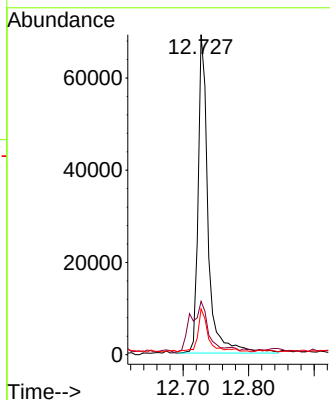
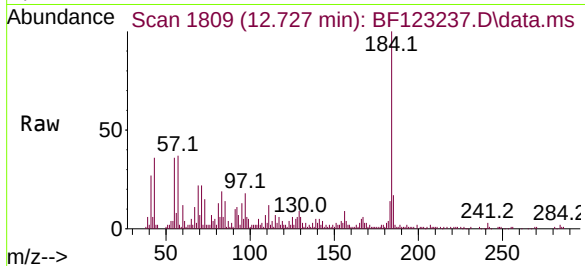




#77
Benzidine
Concen: 6.24 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

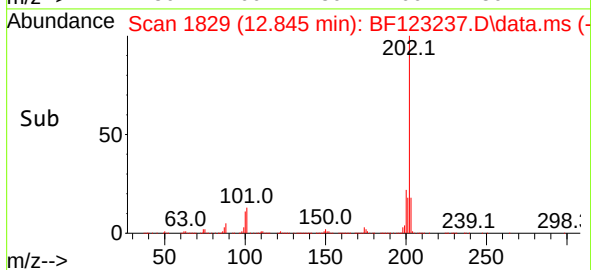
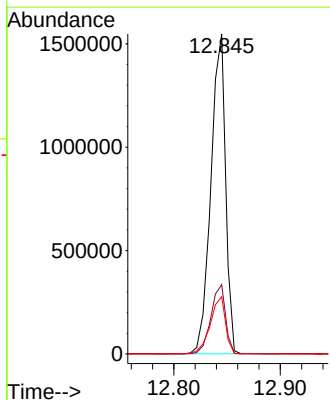
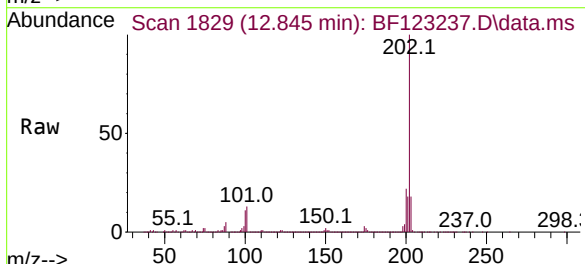
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

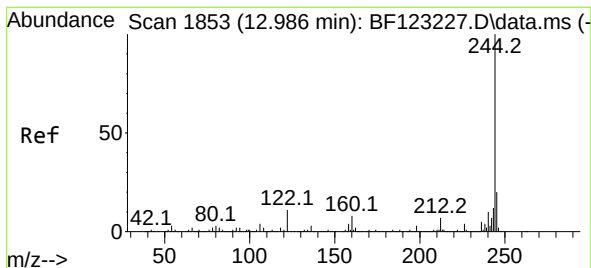
Tgt Ion:184 Resp: 72948
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.6
183 14.3 9.7 14.5



#78
Pyrene
Concen: 52.41 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:202 Resp: 1480929
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.9 14.6 21.8

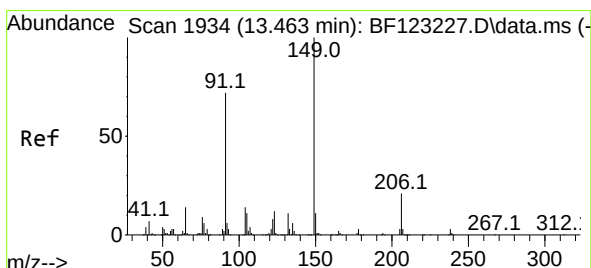
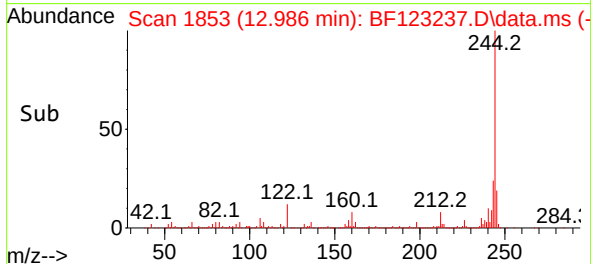
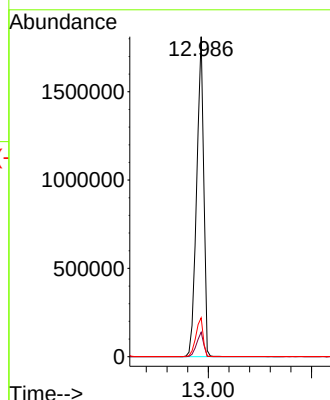
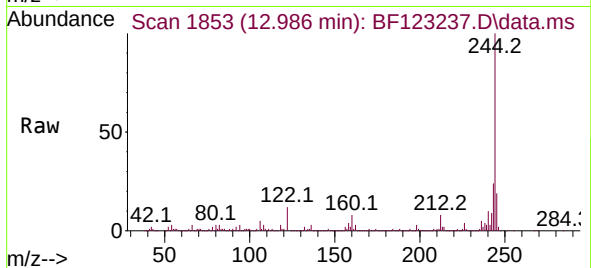




#79
Terphenyl-d14
Concen: 91.40 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

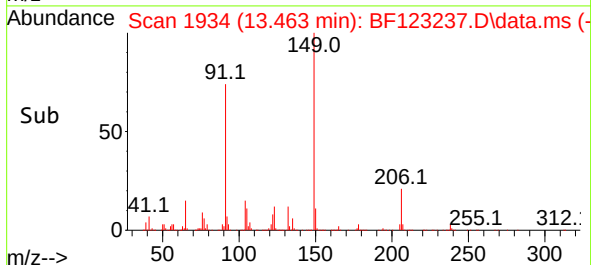
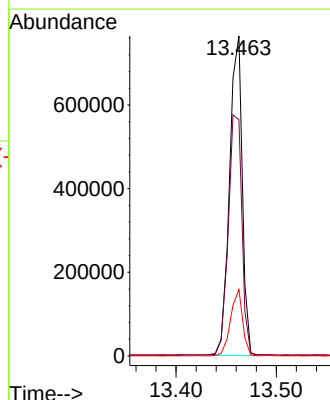
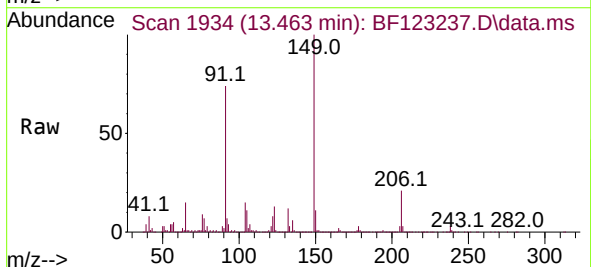
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

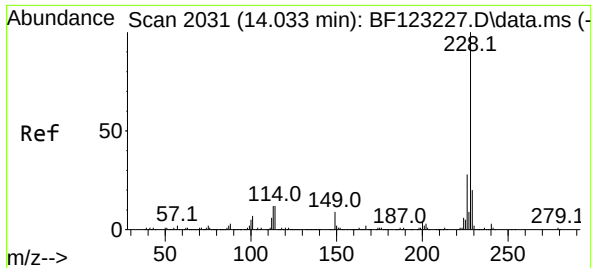
Tgt Ion:244 Resp: 1720400
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.2 8.3 12.5



#80
Butylbenzylphthalate
Concen: 56.24 ng
RT: 13.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:149 Resp: 671770
Ion Ratio Lower Upper
149 100
91 73.9 56.5 84.7
206 20.8 17.0 25.6

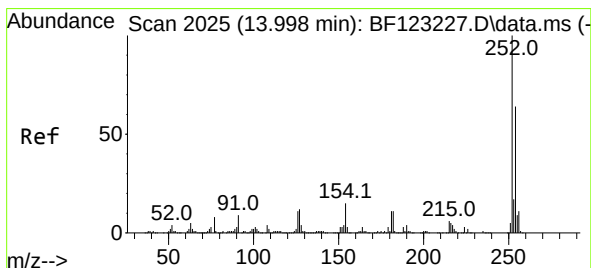
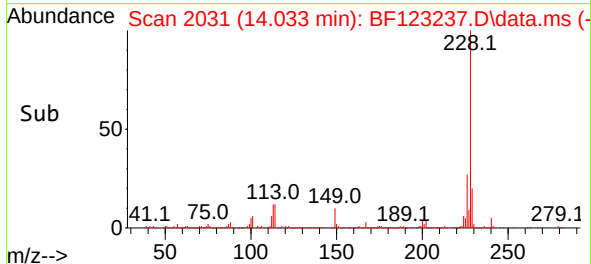
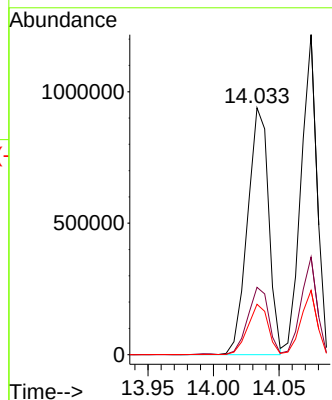
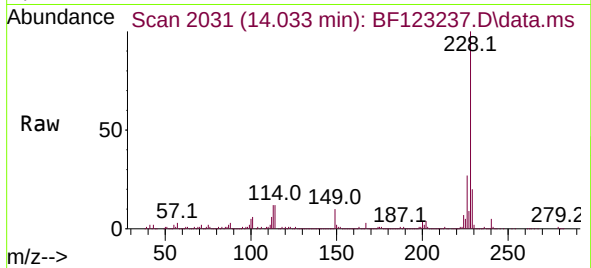




#81
Benzo(a)anthracene
Concen: 42.68 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

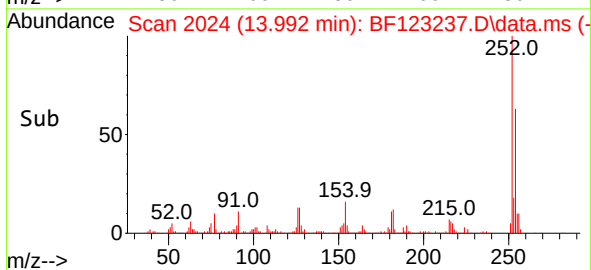
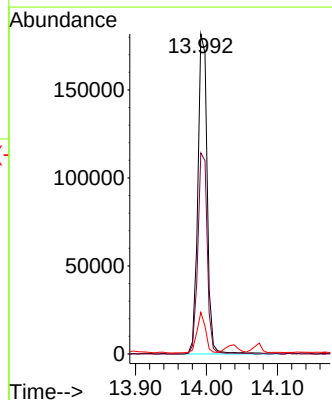
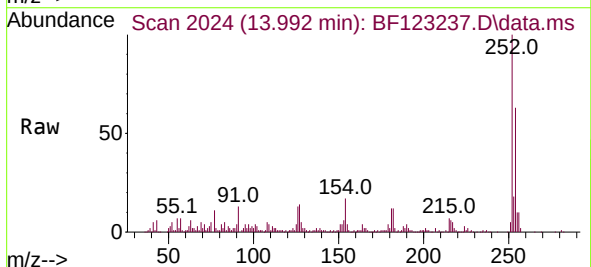
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

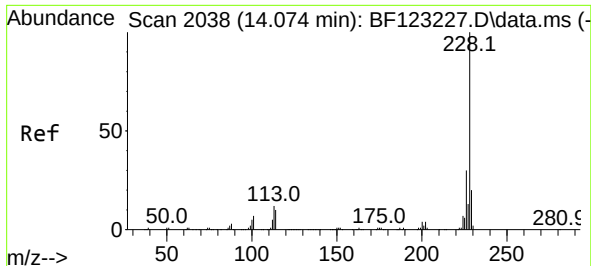
Tgt Ion:228 Resp: 1049741
Ion Ratio Lower Upper
228 100
226 27.3 23.0 34.4
229 20.4 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 20.41 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:252 Resp: 166919
Ion Ratio Lower Upper
252 100
254 62.8 52.7 79.1
126 13.0 8.0 12.0#

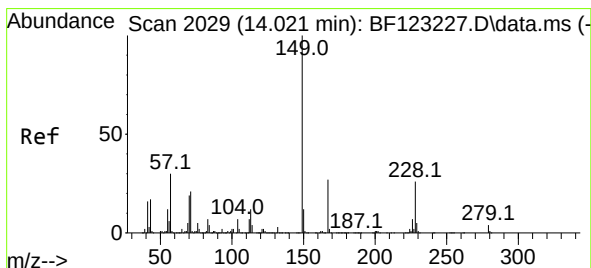
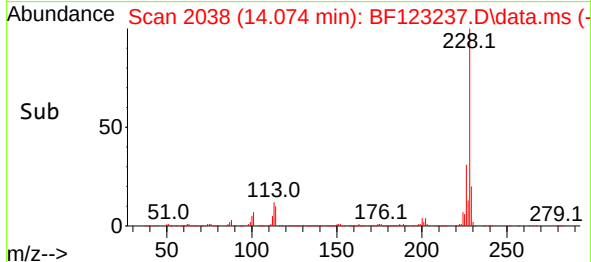
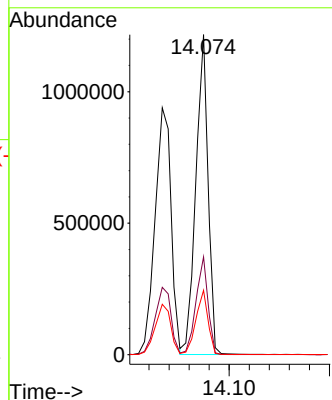
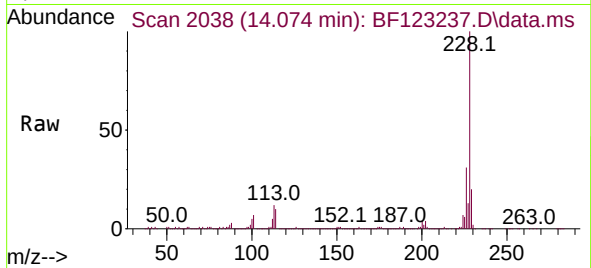




#83
Chrysene
Concen: 42.50 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

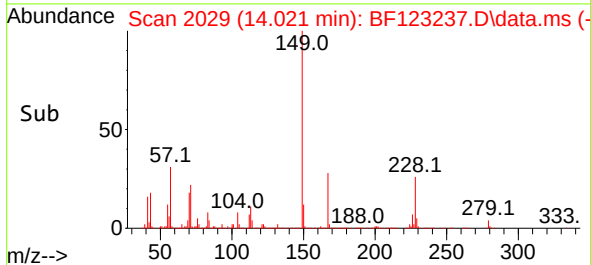
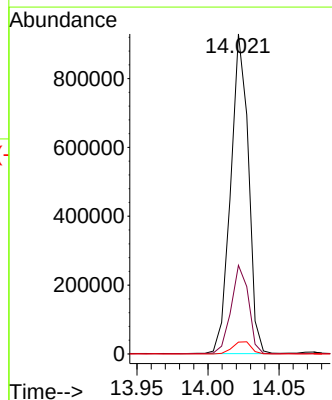
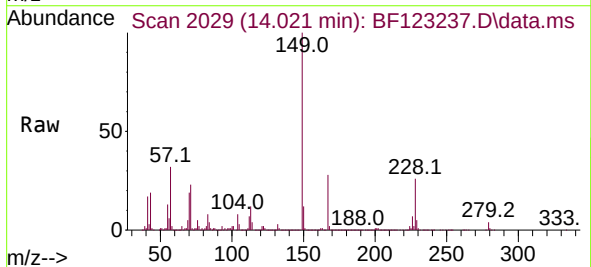
Instrument :
BNA_F
ClientSampleId :
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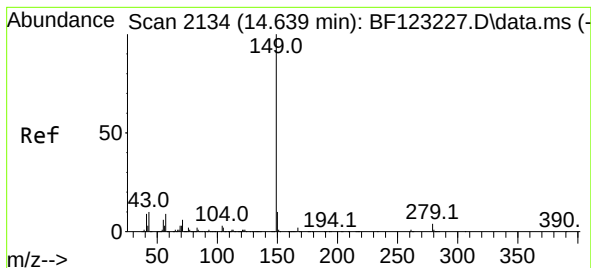
Tgt Ion:228 Resp: 1026572
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.86 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:149 Resp: 803432
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.2
279 3.7 3.4 5.0

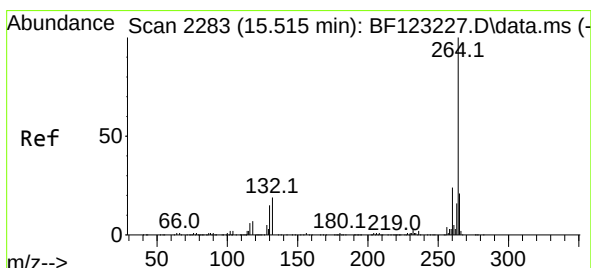
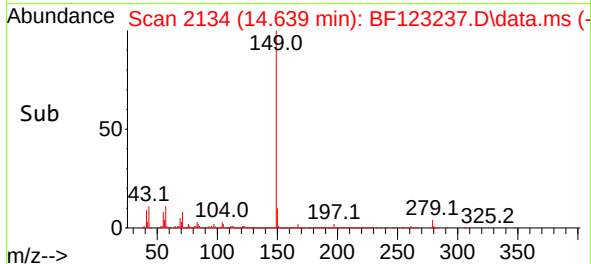
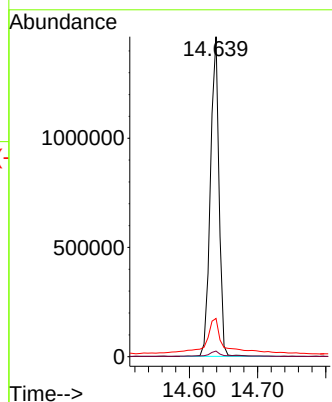
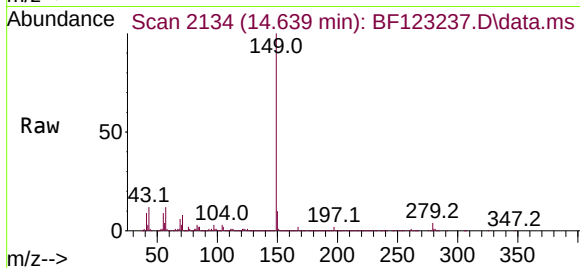




#85
Di-n-octyl phthalate
Concen: 45.76 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

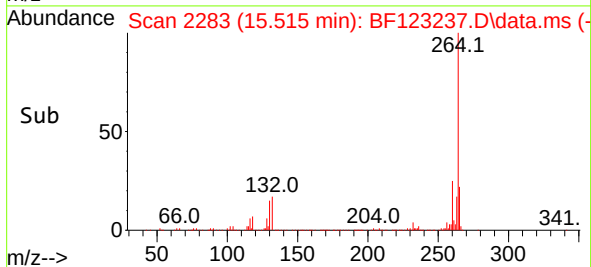
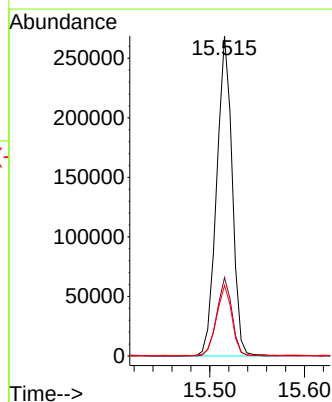
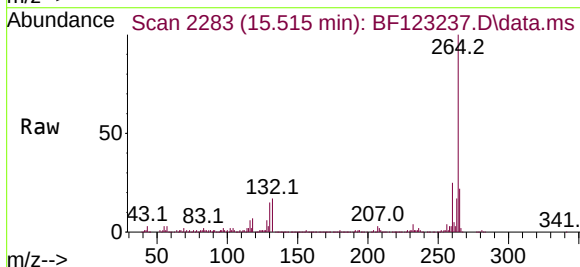
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

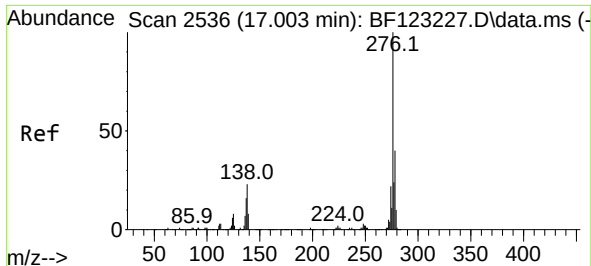
Tgt Ion:149 Resp: 1285645
Ion Ratio Lower Upper
149 100
167 2.2 1.3 1.9#
43 26.2 7.6 11.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:264 Resp: 306782
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.0 17.0 25.6

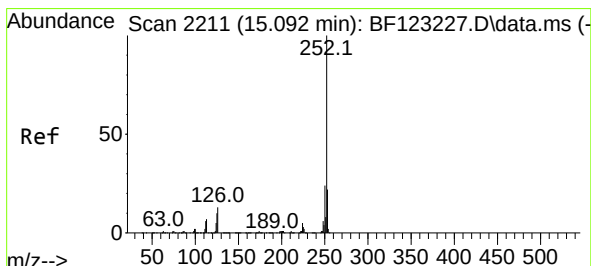
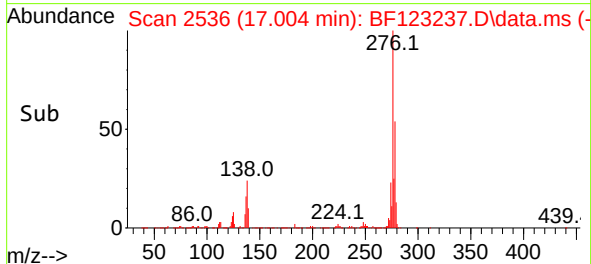
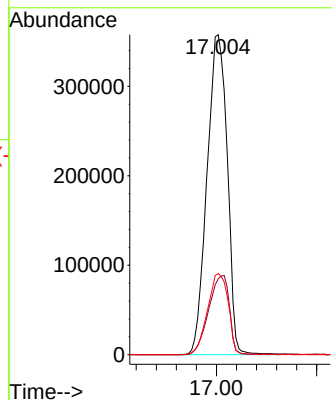
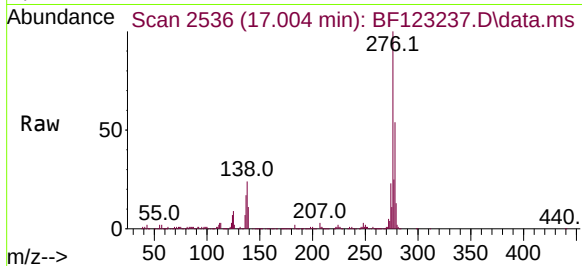




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.33 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

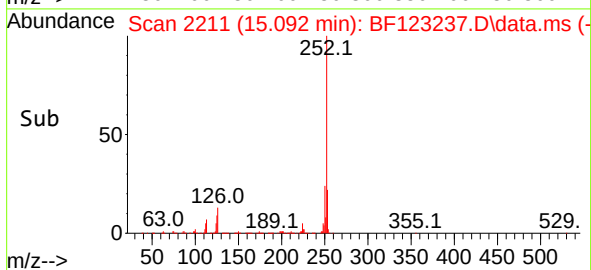
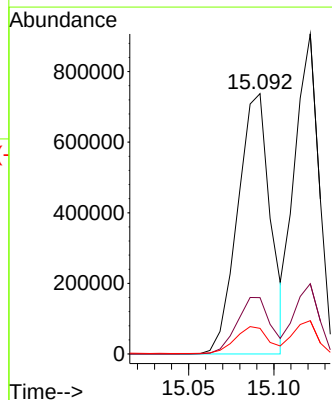
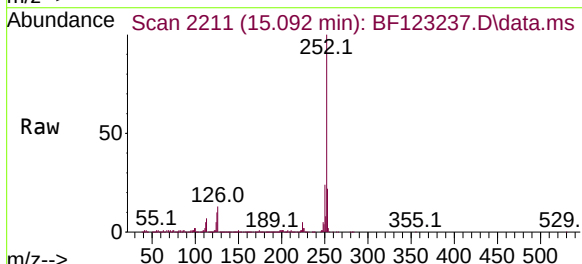
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BNA_F
ClientSampleId :
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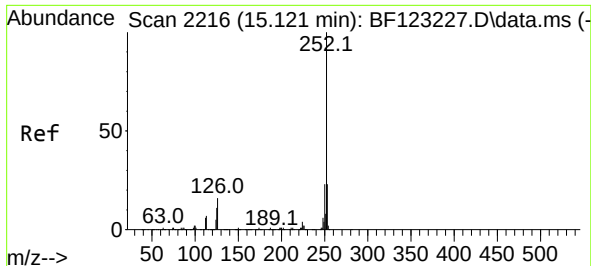
Tgt Ion:276 Resp: 1003379
Ion Ratio Lower Upper
276 100
138 25.3 18.7 28.1
277 25.9 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 45.91 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:252 Resp: 989152
Ion Ratio Lower Upper
252 100
253 21.6 18.3 27.5
125 9.9 8.1 12.1

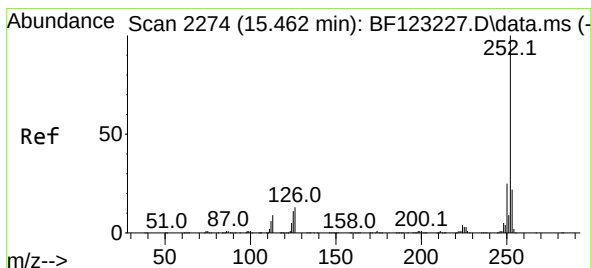
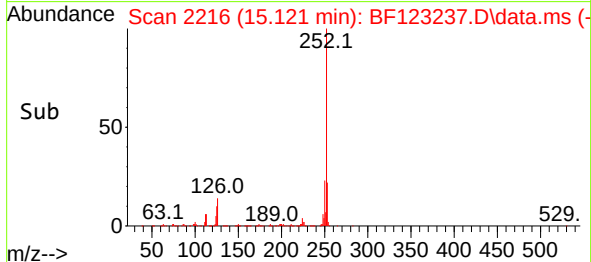
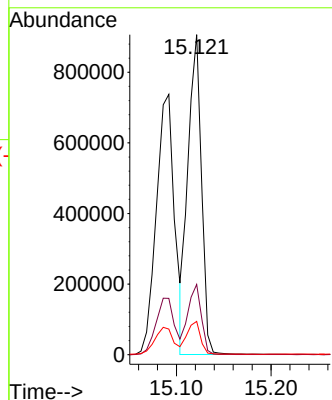
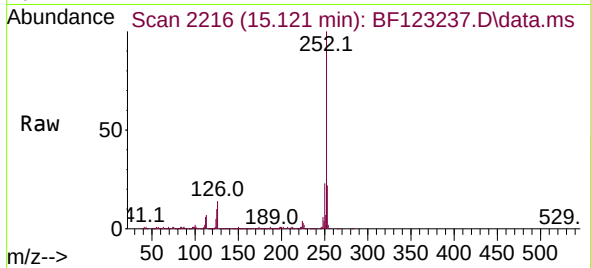




#89
Benzo(k)fluoranthene
Concen: 45.92 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

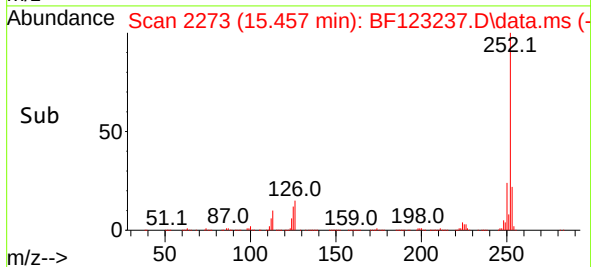
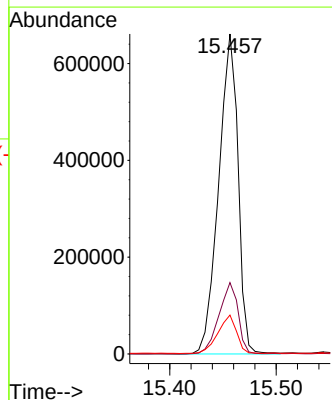
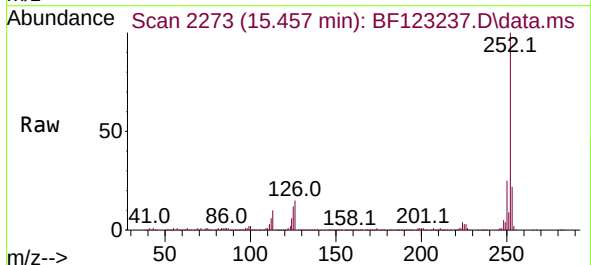
Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

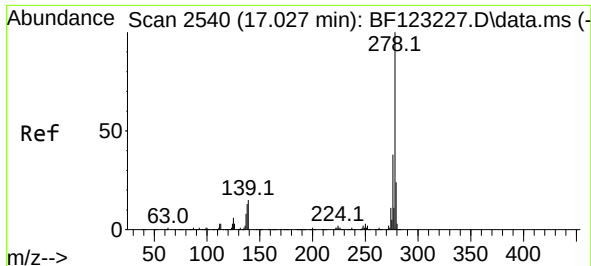
Tgt Ion:252 Resp: 896982
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.41 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:252 Resp: 834005
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.2 8.6 12.8

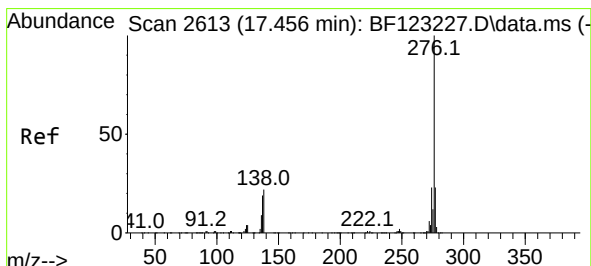
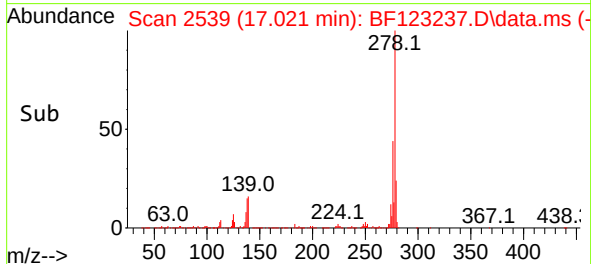
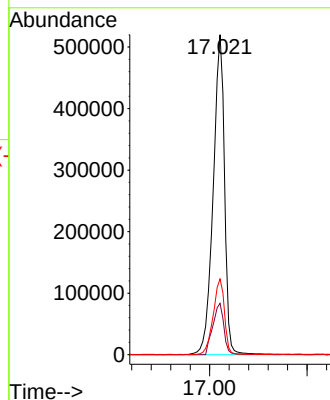
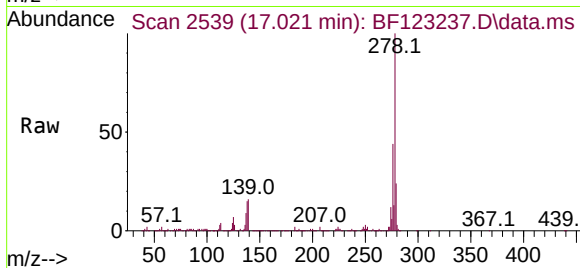




#91
Dibenzo(a,h)anthracene
Concen: 46.08 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

Tgt Ion:278 Resp: 838103
Ion Ratio Lower Upper
278 100
139 16.0 12.0 18.0
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 50.07 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF123237.D
Acq: 19 Feb 2021 21:12

Tgt Ion:276 Resp: 838843
Ion Ratio Lower Upper
276 100
277 24.2 19.3 28.9
138 20.9 16.6 24.8

