

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124238.D
 Acq On : 10 Jun 2021 18:09
 Operator : JU/CG
 Sample : M2658-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-2

Quant Time: Jun 10 18:50:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

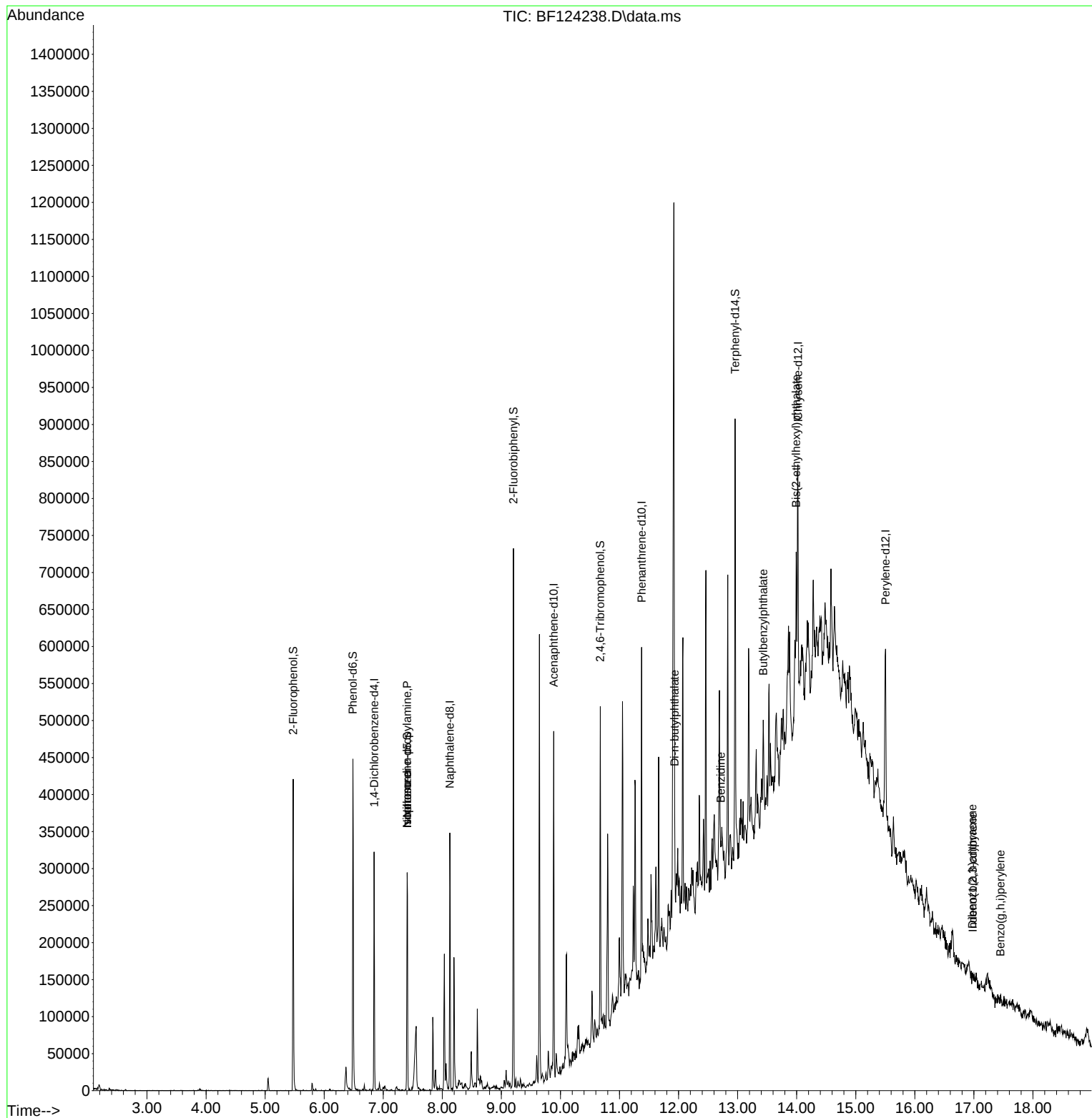
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	34963	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	128216	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	78798	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	128528	20.000	ng	0.00
76) Chrysene-d12	14.021	240	79778	20.000	ng	0.00
86) Perylene-d12	15.504	264	89769	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	89526	38.546	ng	0.00
7) Phenol-d6	6.487	99	114099	36.548	ng	-0.01
23) Nitrobenzene-d5	7.404	82	84893	26.260	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	40751	36.503	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	166362	26.567	ng	0.00
79) Terphenyl-d14	12.957	244	141717	24.389	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.404	70	12152	5.514	ng	# 66
25) Isophorone	7.404	82	84890	14.572	ng	# 69
74) Di-n-butylphthalate	11.933	149	34937	3.858	ng	# 96
77) Benzidine	12.716	184	717	4.414	ng	# 1
80) Butylbenzylphthalate	13.433	149	18552	5.970	ng	95
84) Bis(2-ethylhexyl)phtha...	13.992	149	44595	12.064	ng	94
87) Indeno(1,2,3-cd)pyrene	16.980	276	379	4.381	ng	# 53
91) Dibenzo(a,h)anthracene	16.974	278	297	4.217	ng	# 1
92) Benzo(g,h,i)perylene	17.451	276	743	3.916	ng	# 26

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

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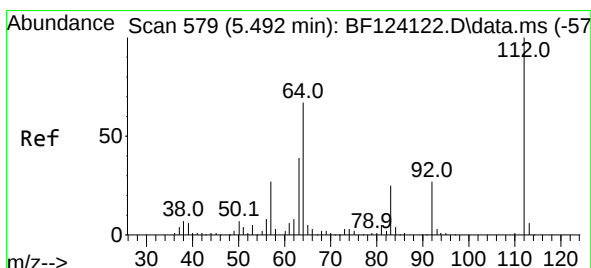
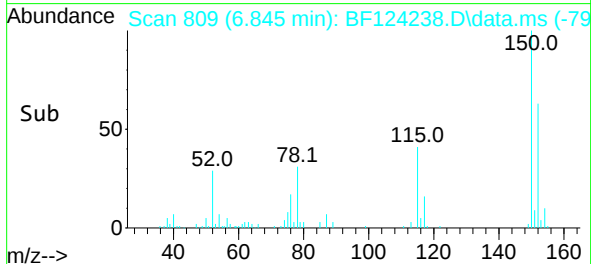
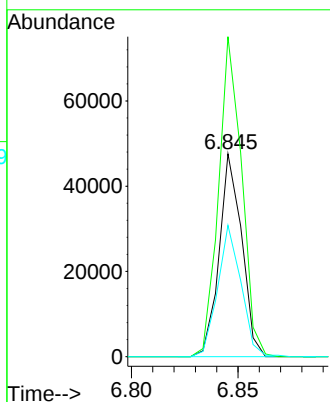
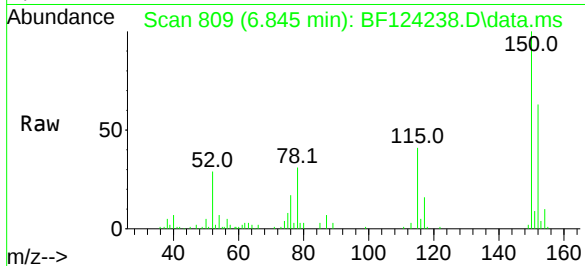




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

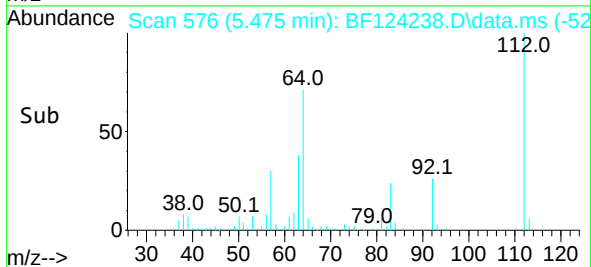
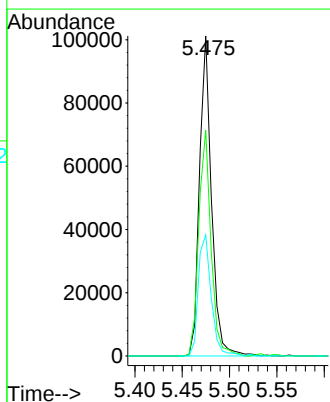
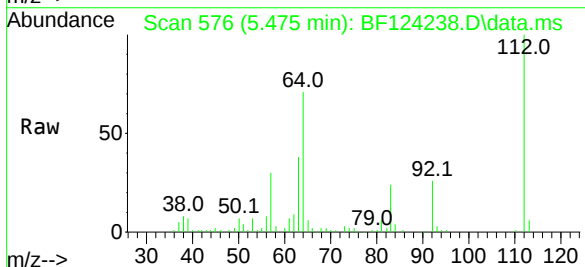
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

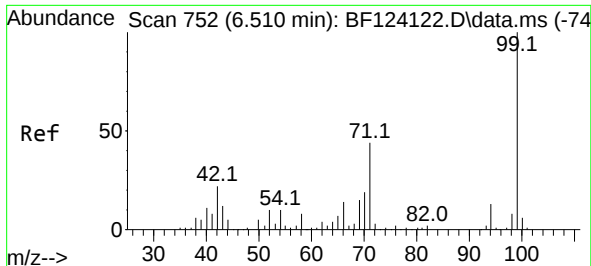
Tgt Ion:152 Resp: 34963
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 64.7 54.3 81.5



#5
2-Fluorophenol
Concen: 38.546 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion:112 Resp: 89526
Ion Ratio Lower Upper
112 100
64 70.6 61.4 92.0
63 37.9 33.0 49.4

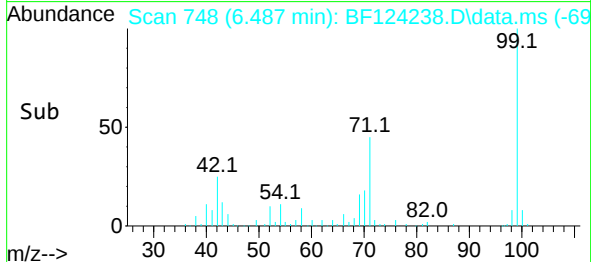
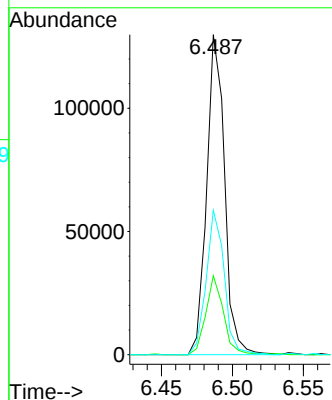
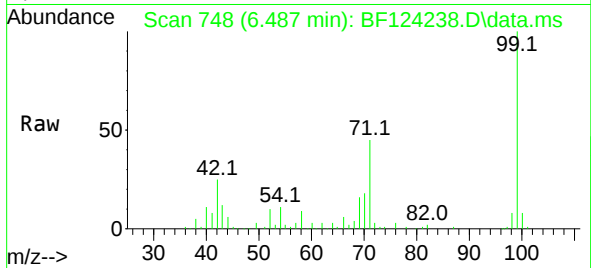




#7
Phenol-d6
Concen: 36.548 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

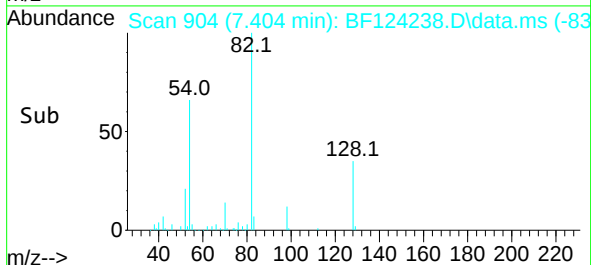
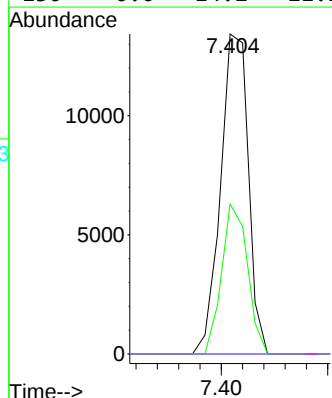
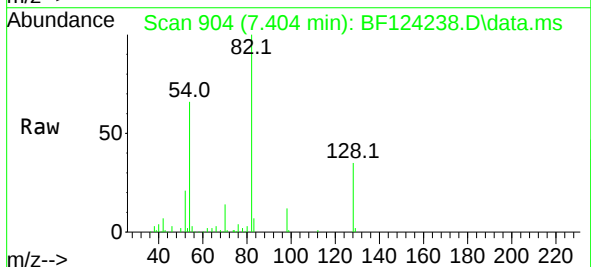
Instrument :
BNA_F
ClientSampleID :
G-WALL-2

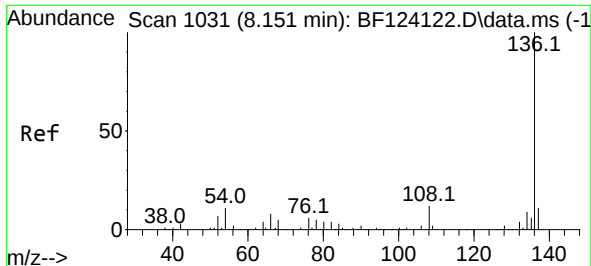
Tgt Ion: 99 Resp: 114099
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 45.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.514 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

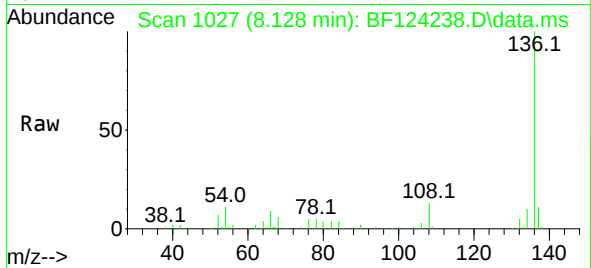
Tgt Ion: 70 Resp: 12152
Ion Ratio Lower Upper
70 100
42 46.8 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



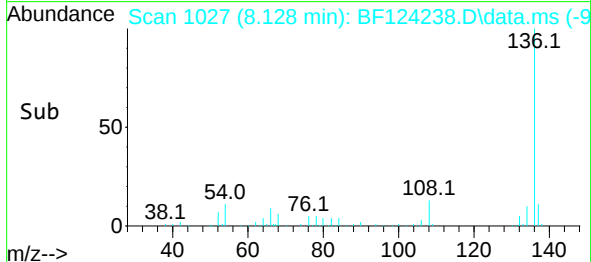
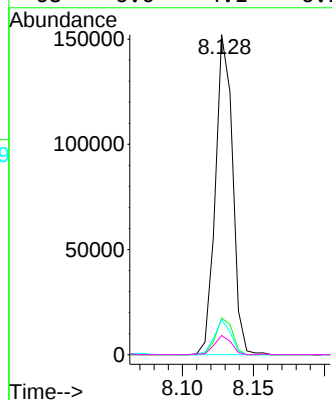


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Instrument :
BNA_F
ClientSampled :
G-WALL-2

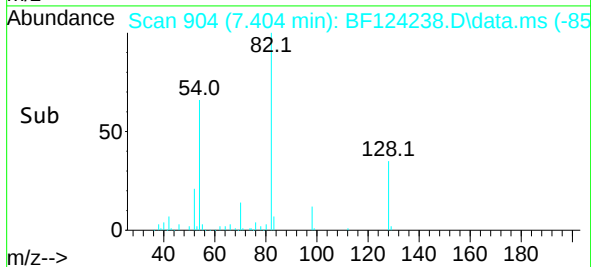
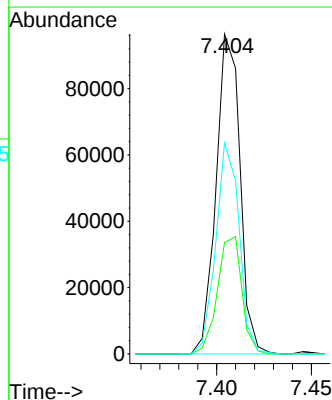
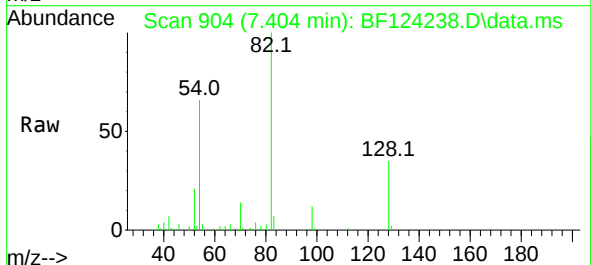


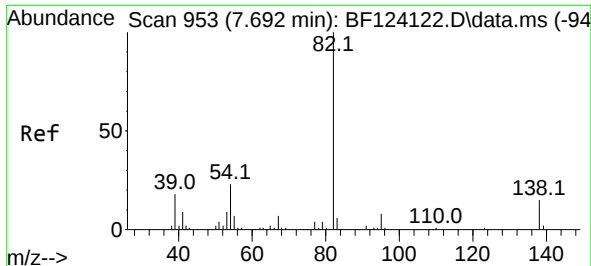
Tgt Ion:136 Resp: 128216
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.0 9.8 14.6
68 6.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 26.260 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion: 82 Resp: 84893
Ion Ratio Lower Upper
82 100
128 34.8 29.4 44.2
54 65.9 54.1 81.1

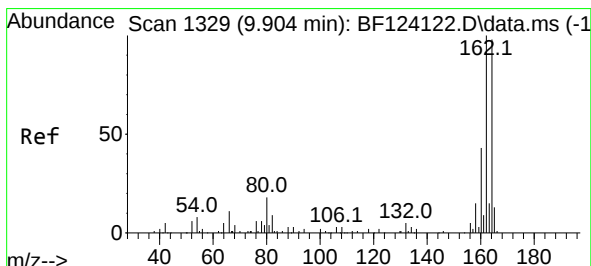
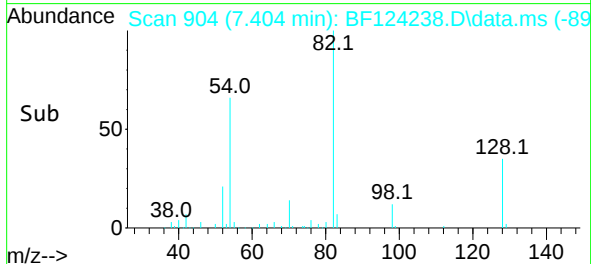
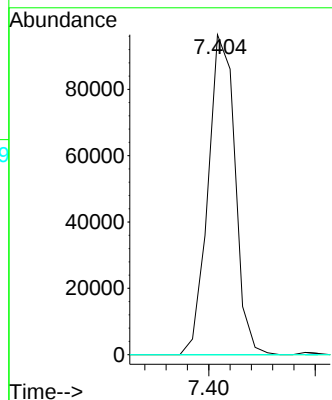
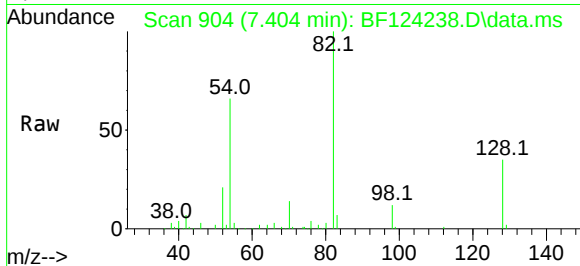




#25
Isophorone
Concen: 14.572 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

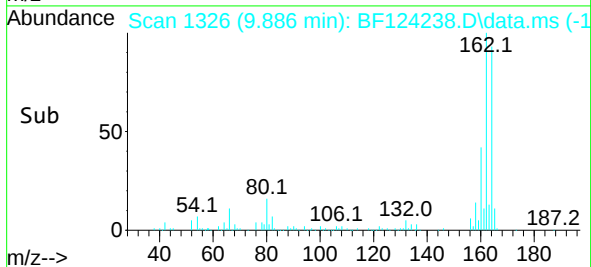
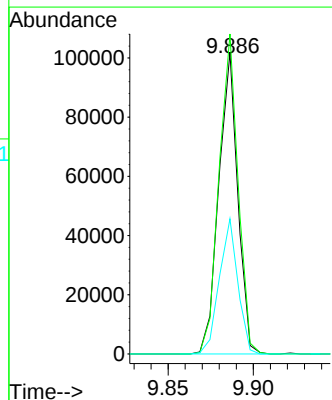
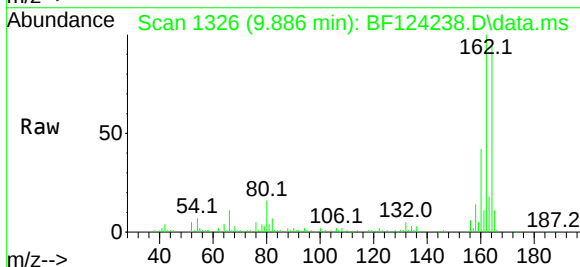
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

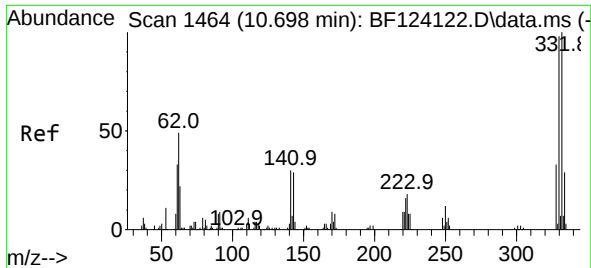
Tgt Ion: 82 Resp: 84890
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion:164 Resp: 78798
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 44.8 37.3 55.9

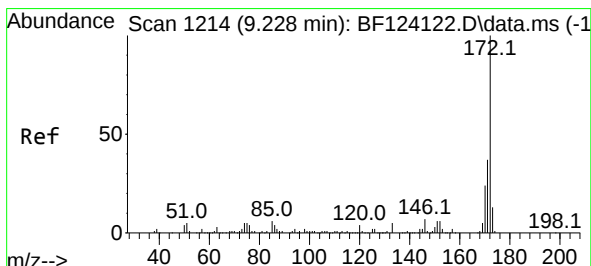
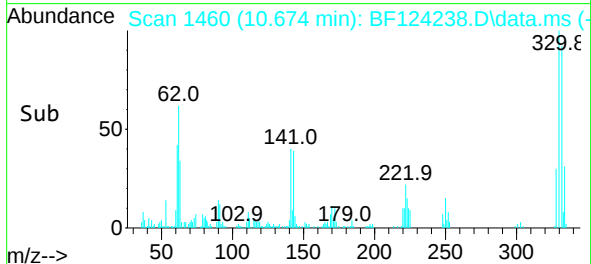
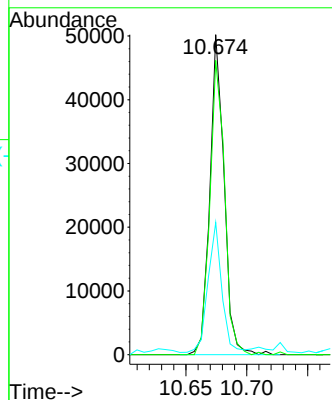
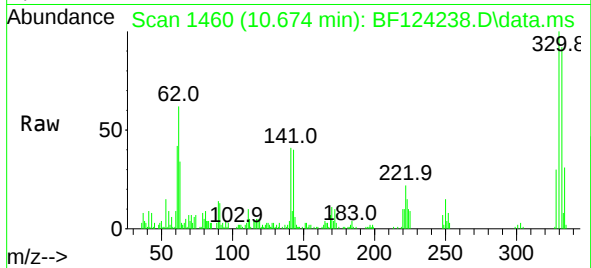




#42
2,4,6-Tribromophenol
Concen: 36.503 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

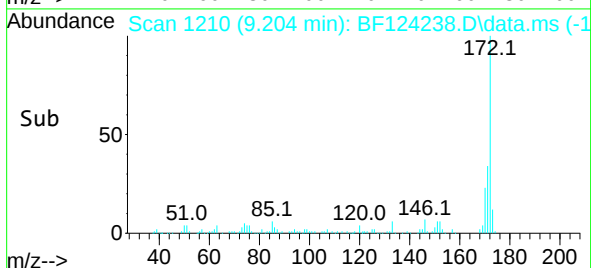
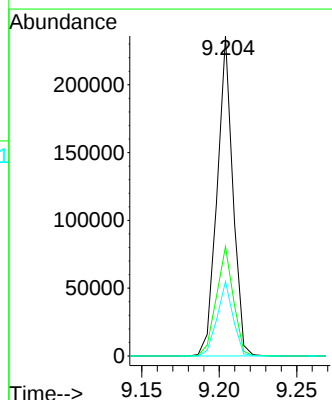
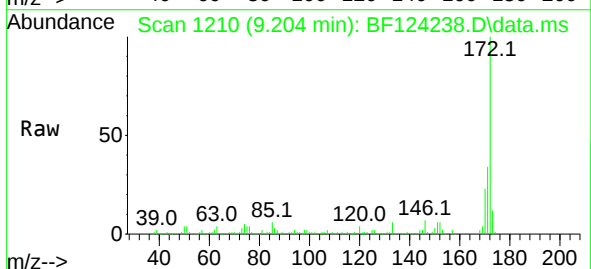
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

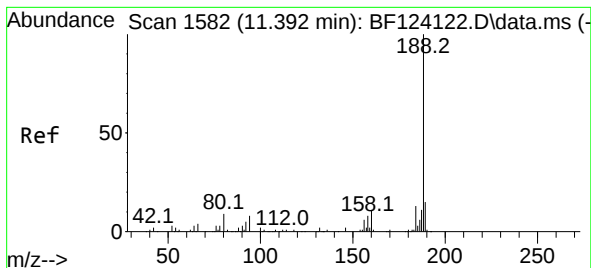
Tgt Ion: 330 Resp: 40751
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 39.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 26.567 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion: 172 Resp: 166362
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.3 19.2 28.8

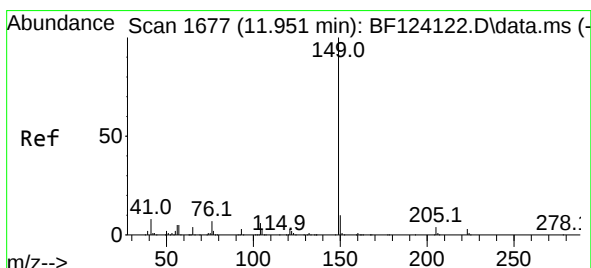
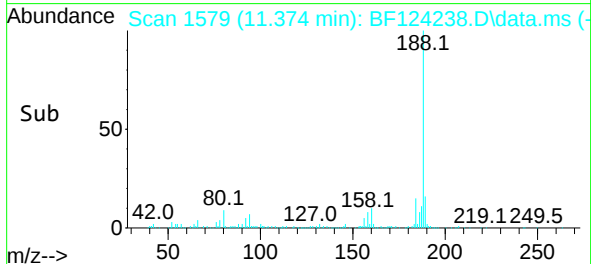
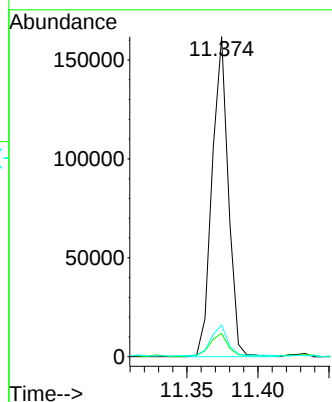
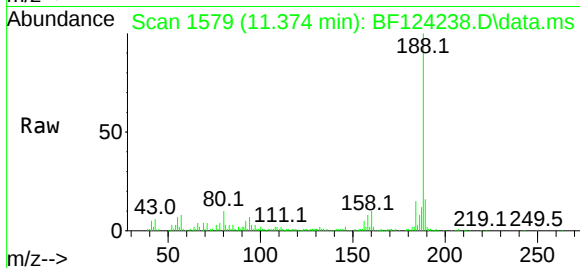




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

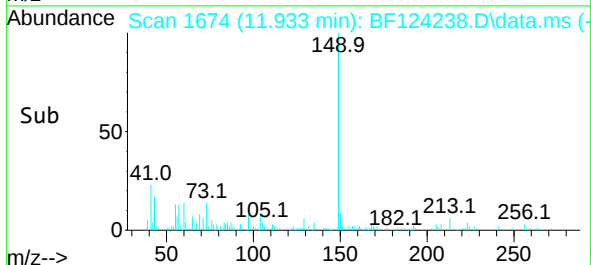
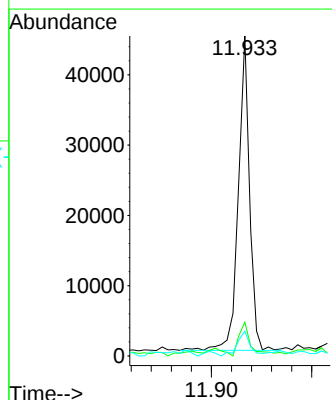
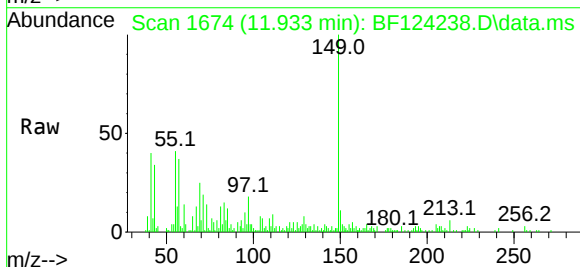
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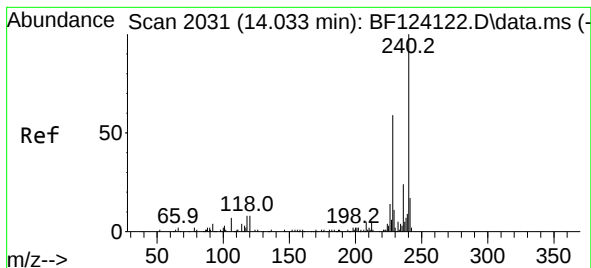
Tgt Ion:188 Resp: 128528
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.9 8.2 12.2



#74
Di-n-butylphthalate
Concen: 3.858 ng
RT: 11.933 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion:149 Resp: 34937
Ion Ratio Lower Upper
149 100
150 10.5 7.8 11.8
104 7.7 4.6 6.8

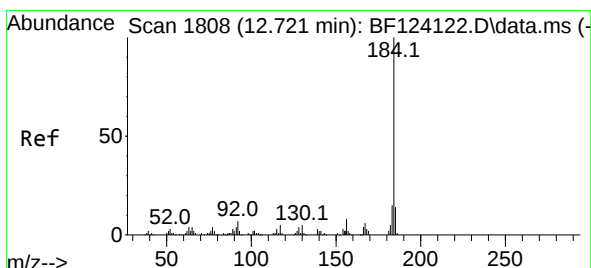
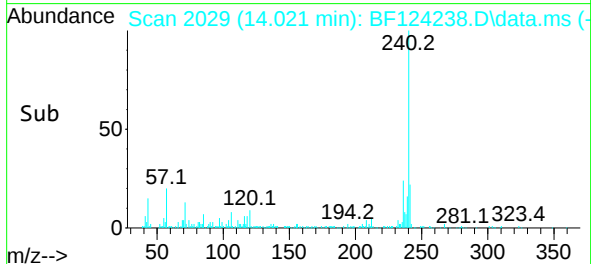
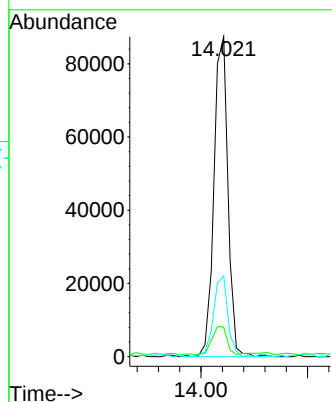
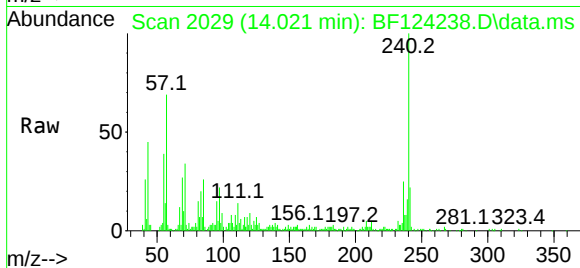




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

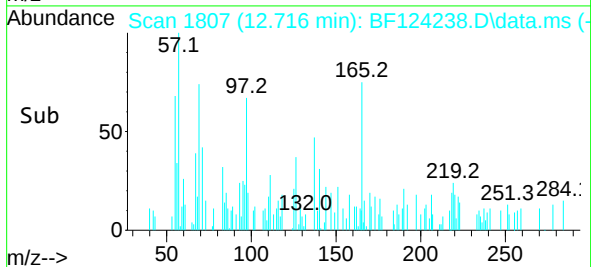
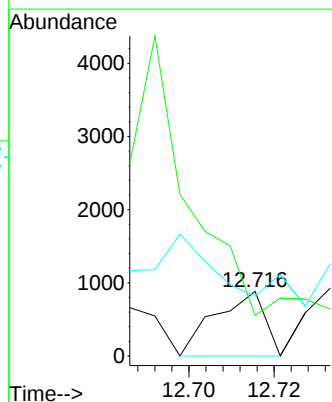
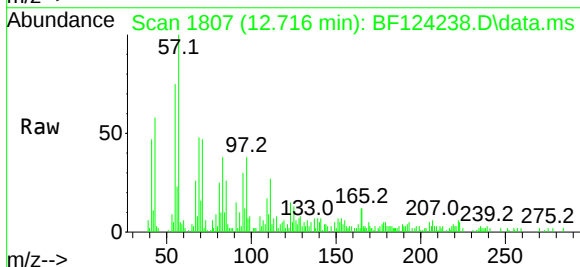
Instrument :
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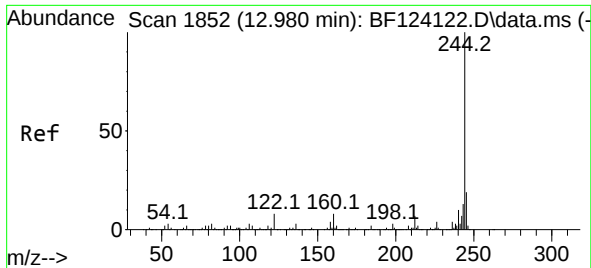
Tgt Ion:240 Resp: 79778
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 25.3 19.0 28.4



#77
Benzidine
Concen: 4.414 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion:184 Resp: 717
Ion Ratio Lower Upper
184 100
185 63.1 12.1 18.1#
183 93.0 7.8 11.8#

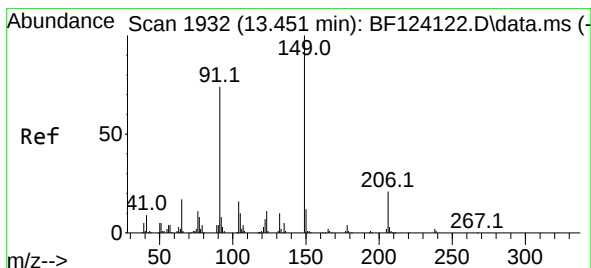
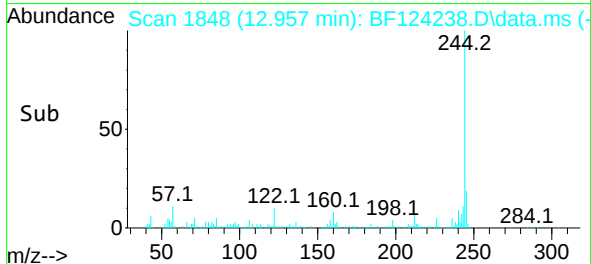
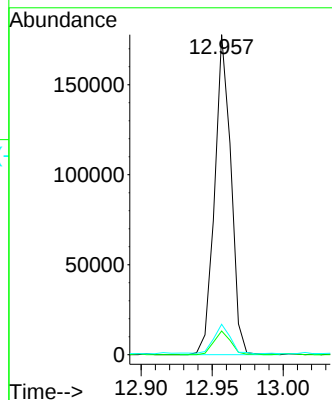
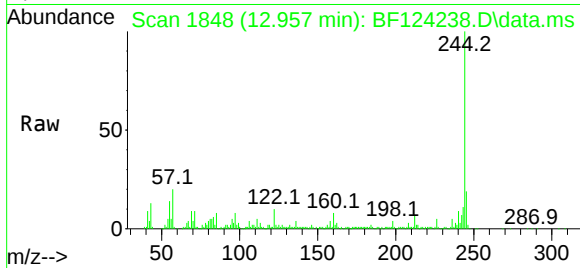




#79
 Terphenyl-d14
 Concen: 24.389 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124238.D
 Acq: 10 Jun 2021 18:09

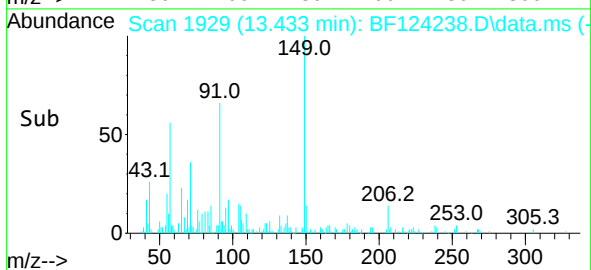
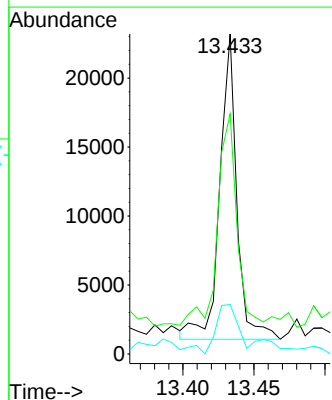
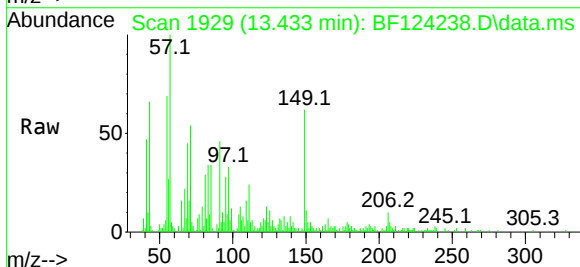
Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-2

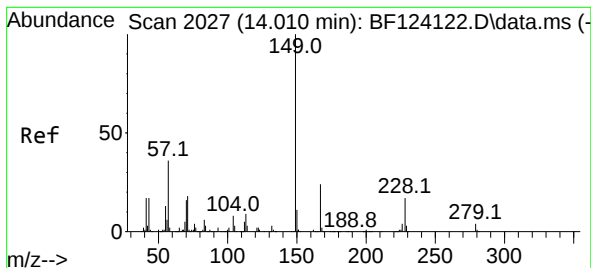
Tgt Ion:244 Resp: 141717
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.5 9.7 14.5#



#80
 Butylbenzylphthalate
 Concen: 5.970 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF124238.D
 Acq: 10 Jun 2021 18:09

Tgt Ion:149 Resp: 18552
 Ion Ratio Lower Upper
 149 100
 91 75.0 63.6 95.4
 206 15.5 14.5 21.7

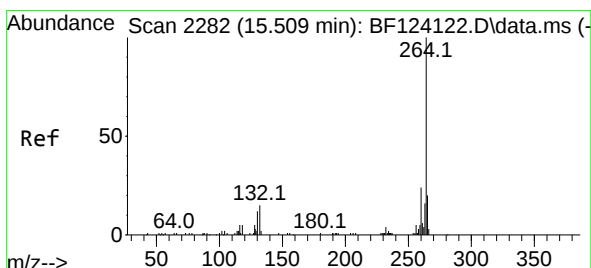
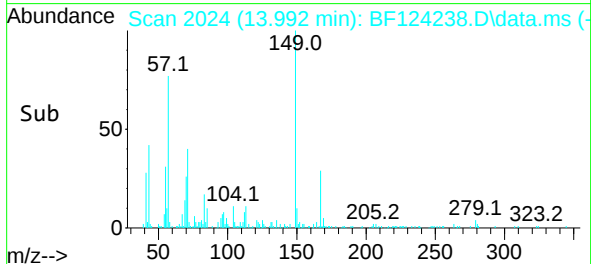
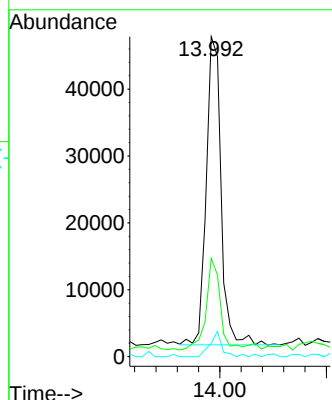
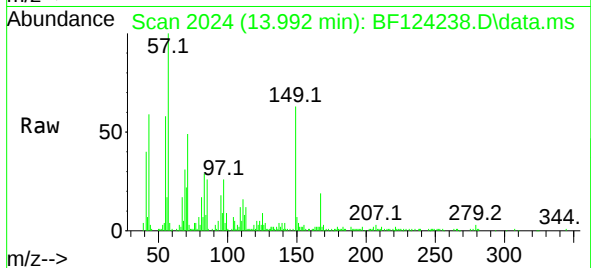




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.064 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

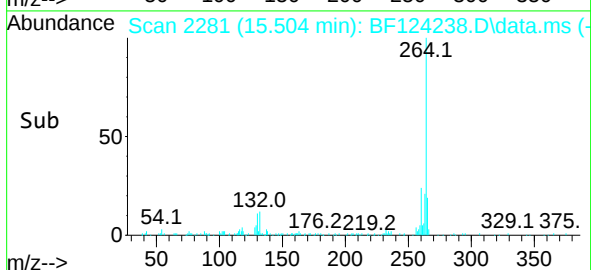
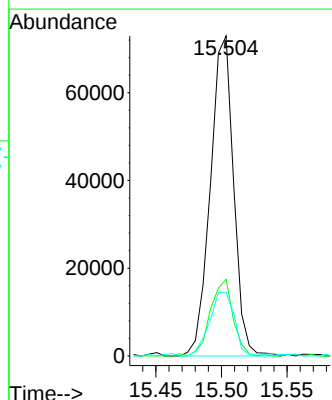
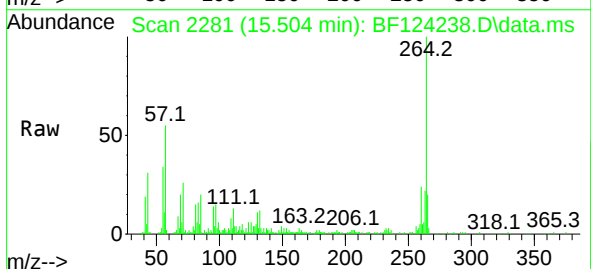
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

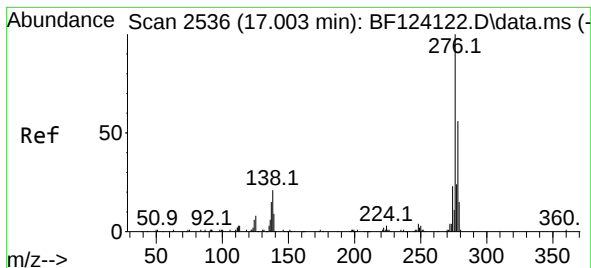
Tgt Ion:149 Resp: 44595
Ion Ratio Lower Upper
149 100
167 30.8 21.8 32.6
279 4.2 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion:264 Resp: 89769
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 19.9 17.8 26.8

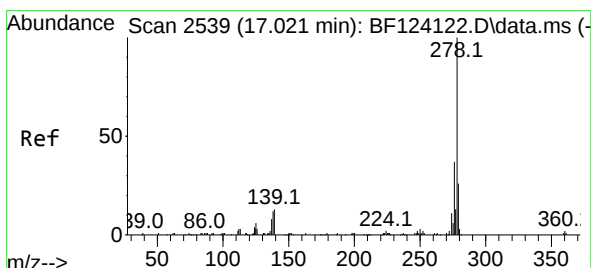
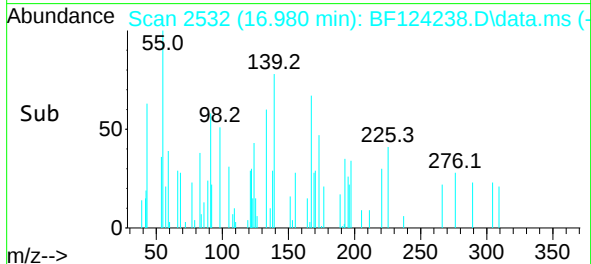
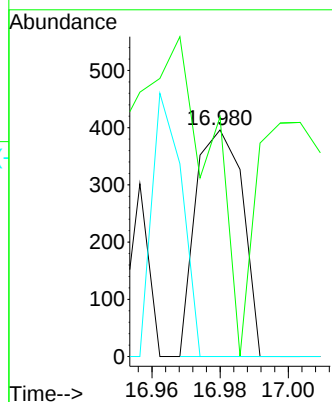
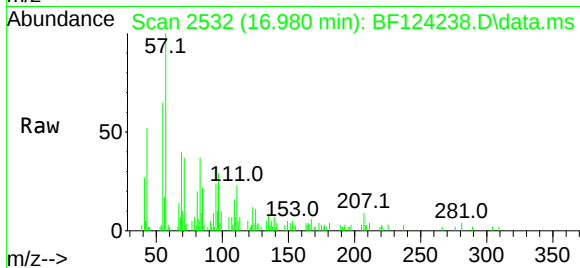




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.381 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

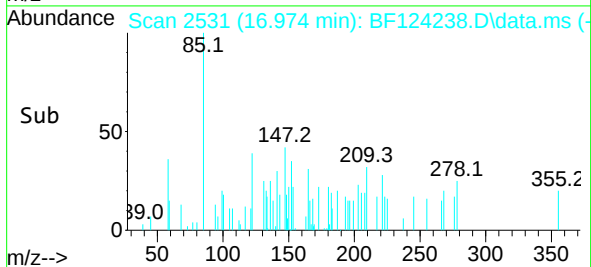
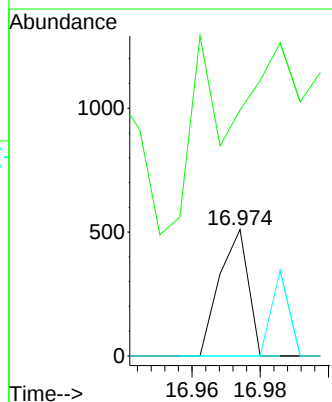
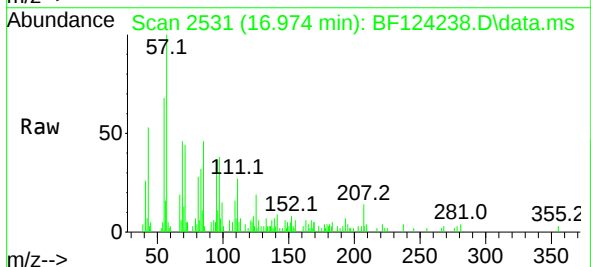
Instrument :
BNA_F
ClientSampleId :
G-WALL-2

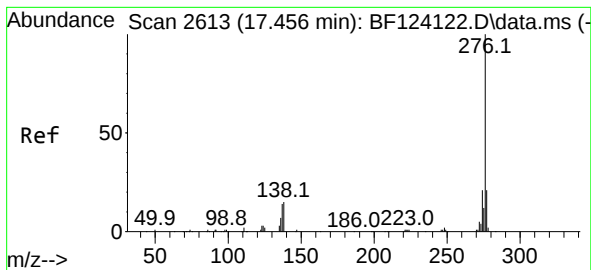
Tgt Ion:276 Resp: 379
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.217 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.018 min
Lab File: BF124238.D
Acq: 10 Jun 2021 18:09

Tgt Ion:278 Resp: 297
Ion Ratio Lower Upper
278 100
139 194.7 10.2 15.2#
279 0.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.916 ng
 RT: 17.451 min Scan# 2612
 Delta R.T. 0.018 min
 Lab File: BF124238.D
 Acq: 10 Jun 2021 18:09

Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-2

Tgt Ion:276 Resp: 743
 Ion Ratio Lower Upper
 276 100
 277 52.0 18.2 27.2#
 138 57.6 13.8 20.6#

