

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123816.D
 Acq On : 4 May 2021 19:20
 Operator : JU/CG
 Sample : M2252-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-2

Quant Time: May 05 05:13:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

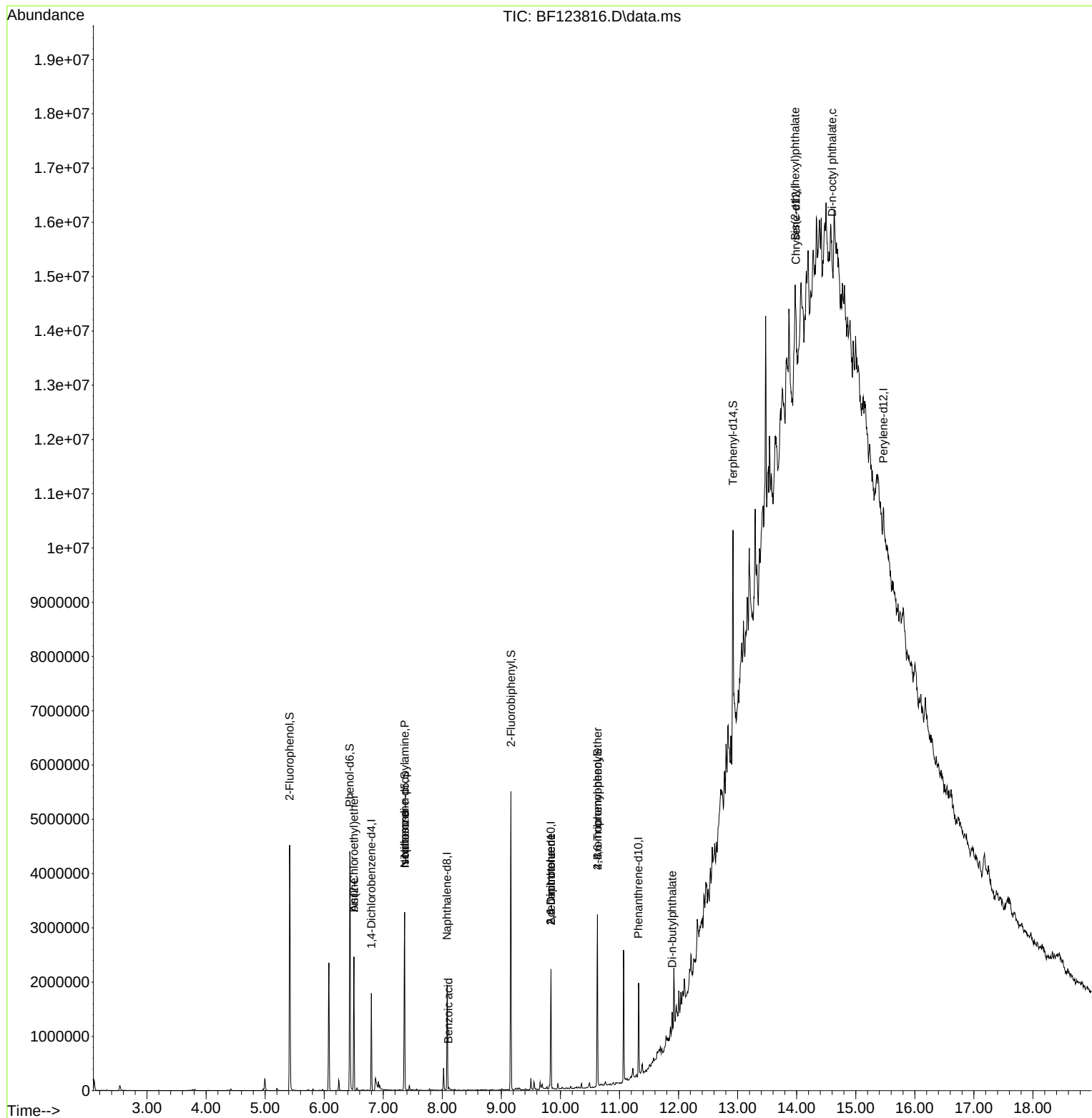
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	212190	20.00	ng	-0.01
21) Naphthalene-d8	8.080	136	783446	20.00	ng	-0.02
39) Acenaphthene-d10	9.839	164	374472	20.00	ng	-0.01
64) Phenanthrene-d10	11.321	188	626743	20.00	ng	-0.02
76) Chrysene-d12	13.986	240	360216	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	360193	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1012527	75.60	ng	0.00
7) Phenol-d6	6.434	99	1336467	72.44	ng	-0.01
23) Nitrobenzene-d5	7.363	82	929953	53.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	335770	72.03	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1459670	56.77	ng	-0.01
79) Terphenyl-d14	12.921	244	1096096	58.59	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.504	93	444147	20.81	ng	# 45
11) bis(2-Chloroethyl)ether	6.504	93	444147	30.69	ng	# 15
19) n-Nitroso-di-n-propyla...	7.363	70	128201	11.25	ng	# 74
25) Isophorone	7.363	82	930098	28.58	ng	# 69
32) Benzoic acid	8.104	122	369	5.43	ng	# 18
51) 2,6-Dinitrotoluene	9.839	165	48754	8.00	ng	# 12
57) 2,4-Dinitrotoluene	9.839	165	48754	5.86	ng	# 17
67) 4-Bromophenyl-phenylether	10.627	248	18775	2.84	ng	# 1
74) Di-n-butylphthalate	11.892	149	155654	4.20	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	354298	23.88	ng	99
85) Di-n-octyl phthalate	14.598	149	82649	3.48	ng	# 1

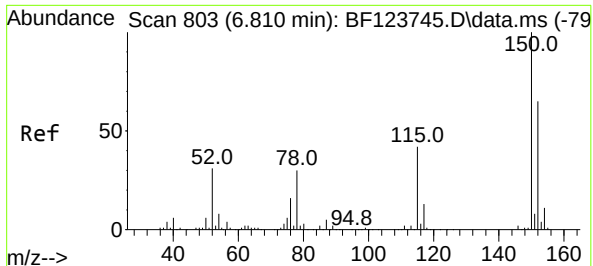
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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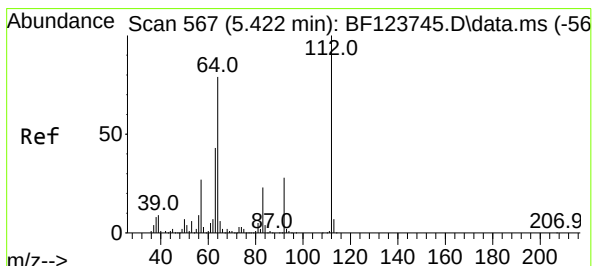
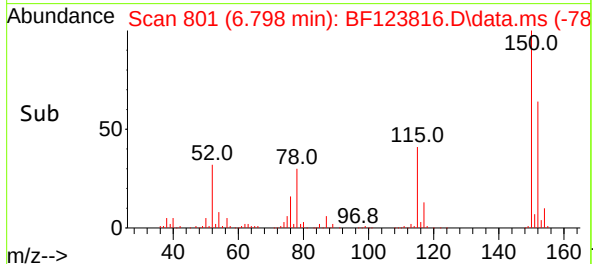
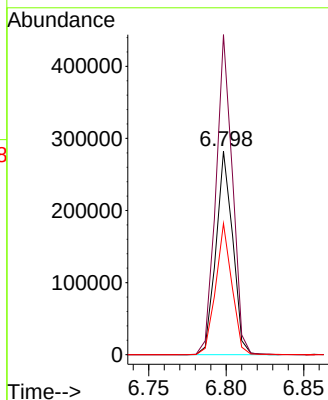
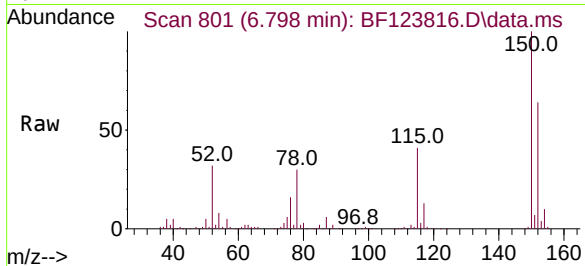




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

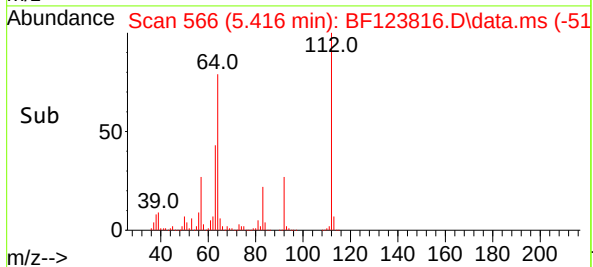
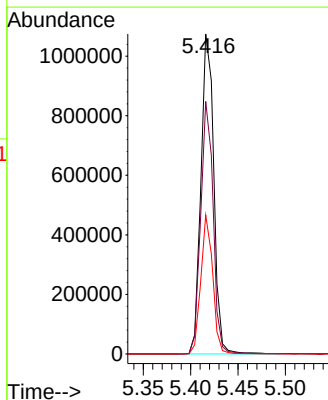
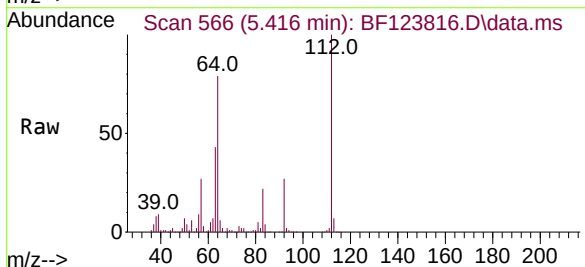
Instrument :
BNA_F
ClientSampleId :
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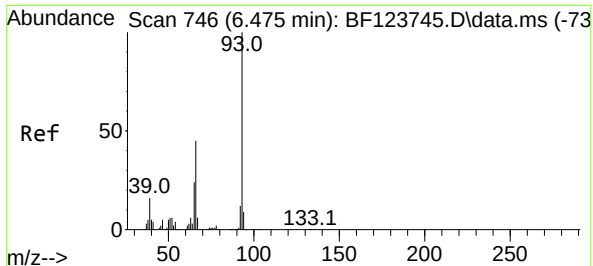
Tgt Ion:152 Resp: 212190
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 64.5 54.3 81.5



#5
2-Fluorophenol
Concen: 75.60 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion:112 Resp: 1012527
Ion Ratio Lower Upper
112 100
64 78.9 61.4 92.0
63 43.4 33.0 49.4

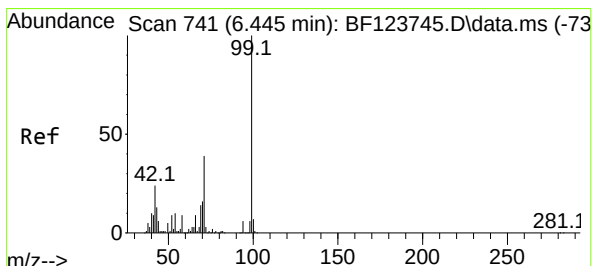
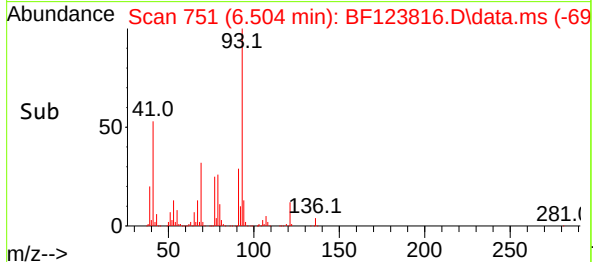
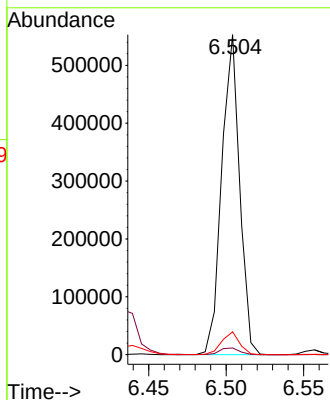
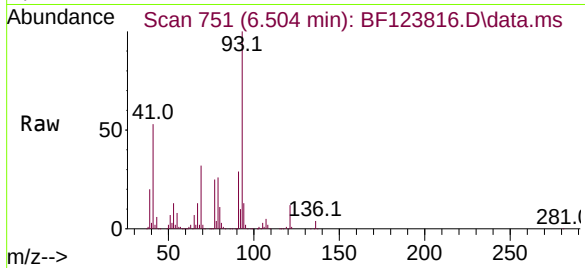




#6
Aniline
Concen: 20.81 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.029 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

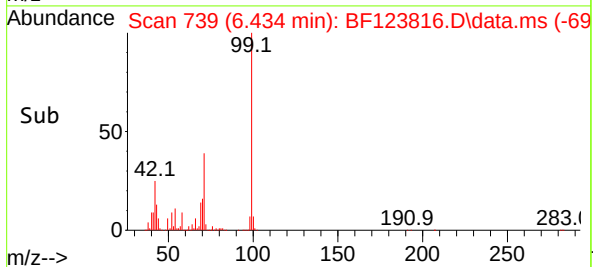
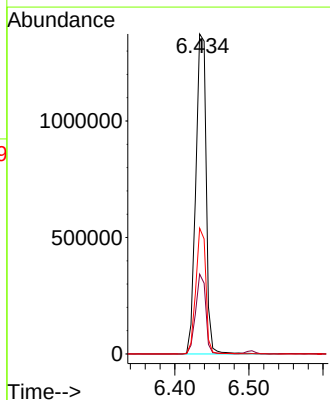
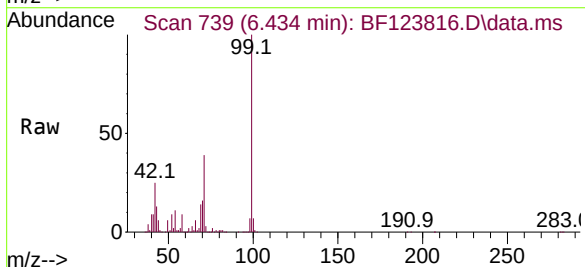
Instrument :
BNA_F
ClientSampleId :
STONE-2

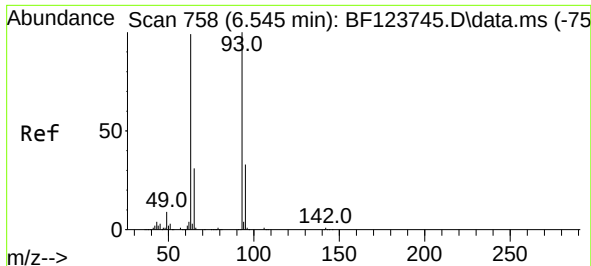
Tgt Ion: 93 Resp: 444147
Ion Ratio Lower Upper
93 100
66 2.1 36.4 54.6#
65 7.2 19.4 29.0#



#7
Phenol-d6
Concen: 72.44 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion: 99 Resp: 1336467
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 39.3 31.1 46.7

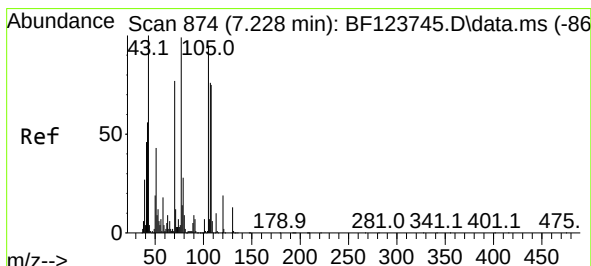
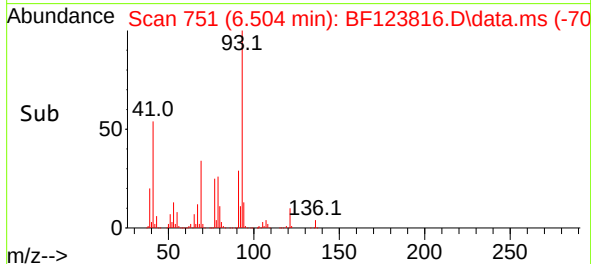
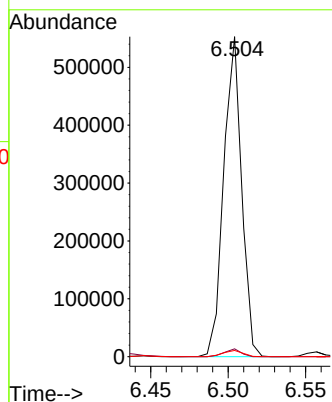
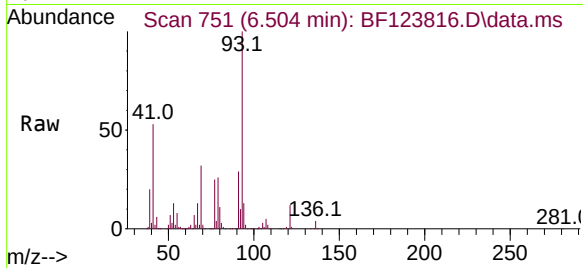




#11
bis(2-Chloroethyl)ether
Concen: 30.69 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.041 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

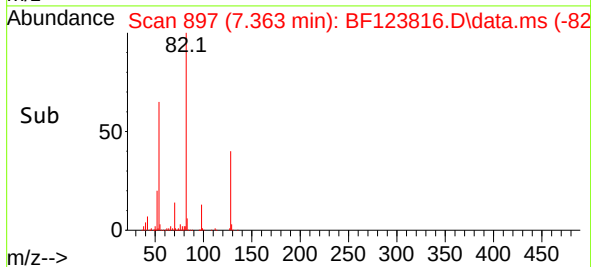
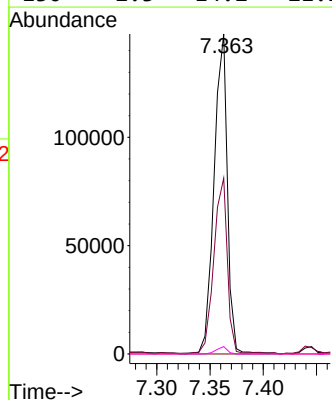
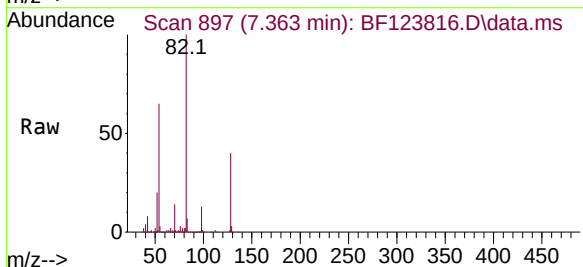
Instrument :
BNA_F
ClientSampleId :
STONE-2

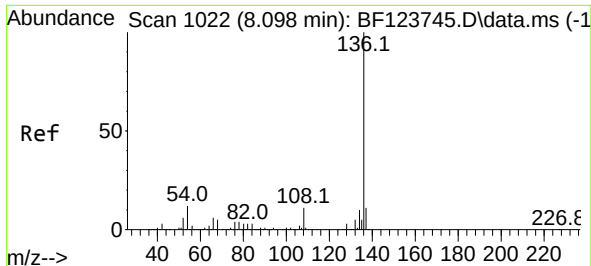
Tgt Ion: 93 Resp: 444147
Ion Ratio Lower Upper
93 100
63 2.5 76.1 116.1#
95 2.0 11.5 51.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.25 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion: 70 Resp: 128201
Ion Ratio Lower Upper
70 100
42 55.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#



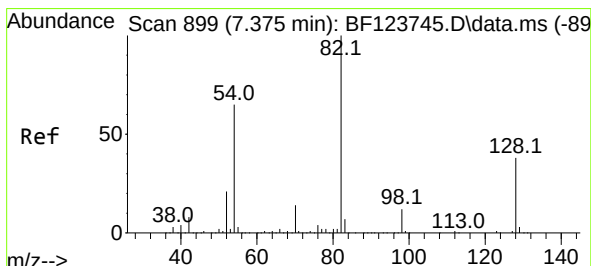
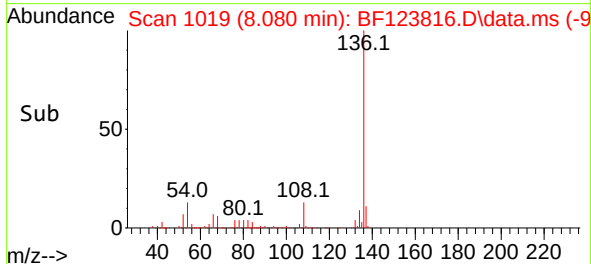
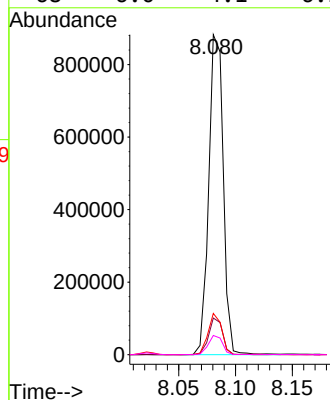
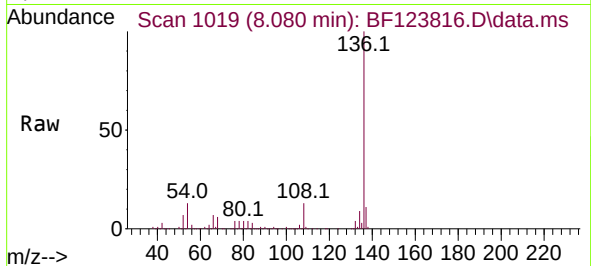


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Instrument :
BNA_F
ClientSampleId :
STONE-2

Tgt Ion:136 Resp: 783446

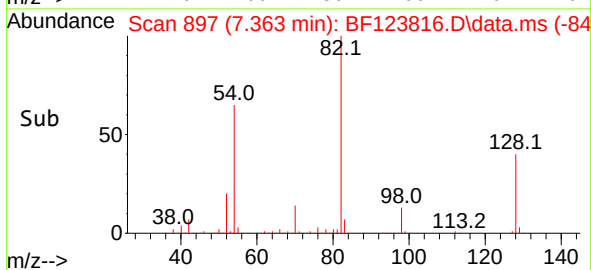
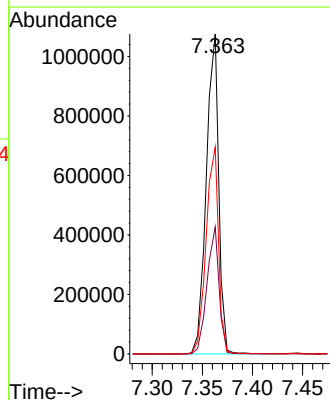
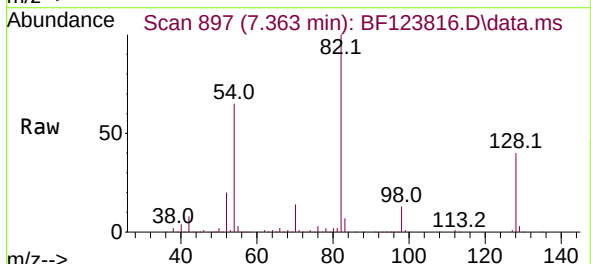
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.9	9.8	14.6
68	6.0	4.1	6.1

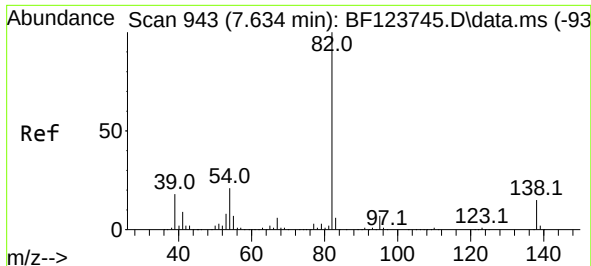


#23
Nitrobenzene-d5
Concen: 53.58 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion: 82 Resp: 929953

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.4	44.2
54	64.6	54.1	81.1

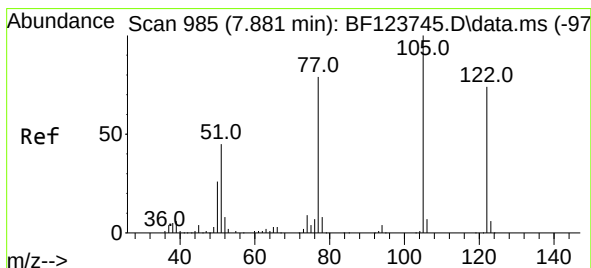
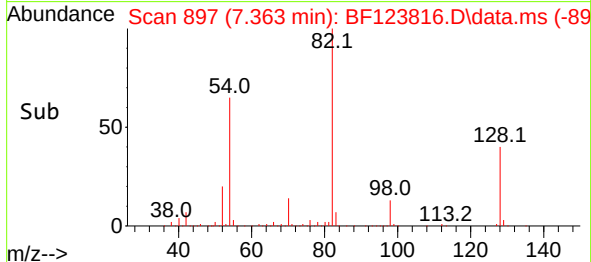
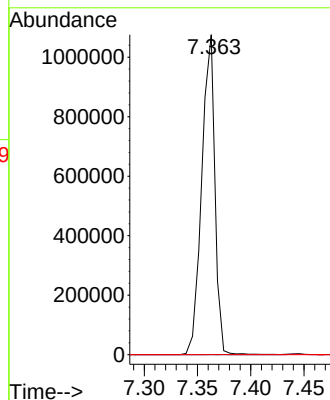
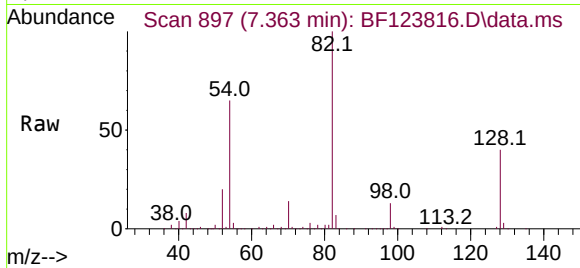




#25
Isophorone
Concen: 28.58 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

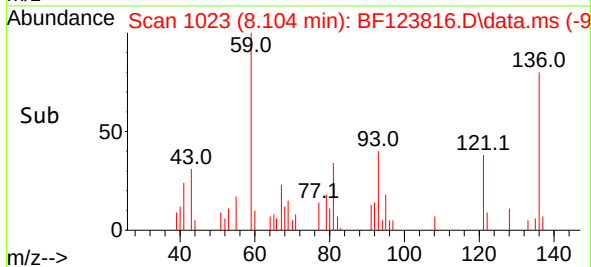
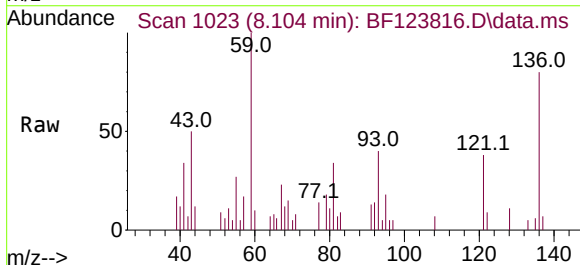
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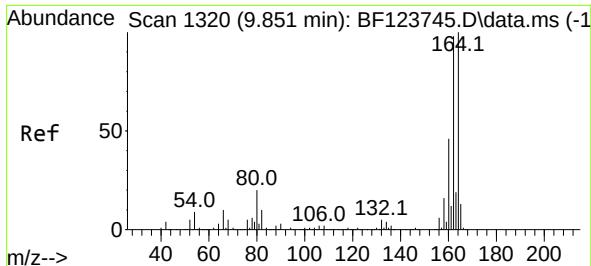
Tgt Ion: 82 Resp: 930098
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.43 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.223 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion: 122 Resp: 369
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 148.6 81.6 121.6#

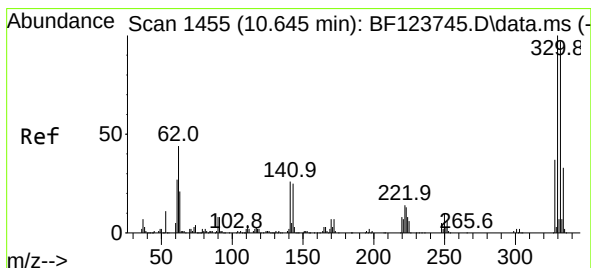
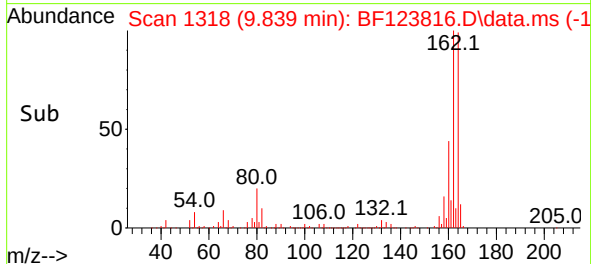
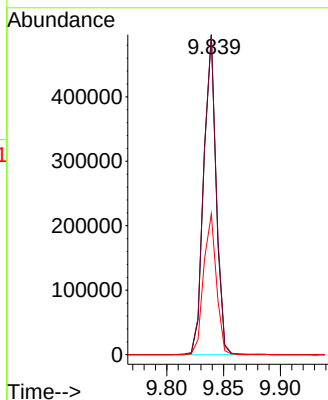
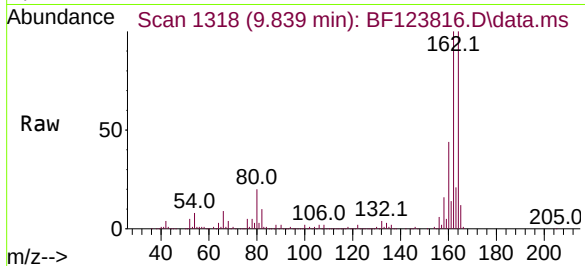




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

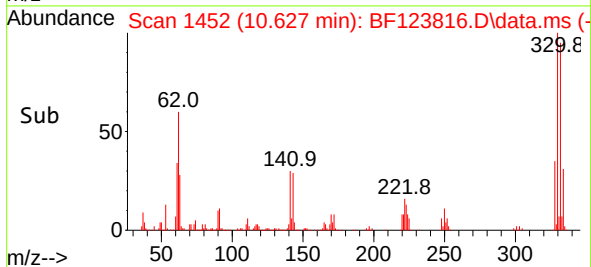
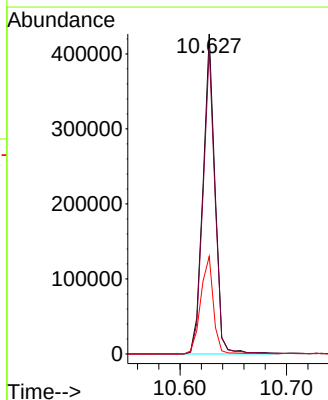
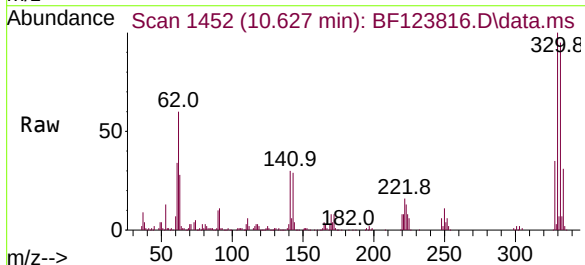
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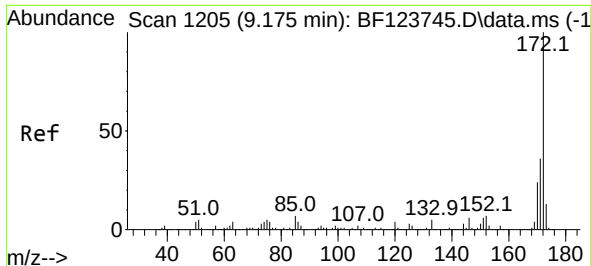
Tgt Ion:164 Resp: 374472
Ion Ratio Lower Upper
164 100
162 99.8 80.7 121.1
160 43.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 72.03 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion:330 Resp: 335770
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 32.5 27.9 41.9

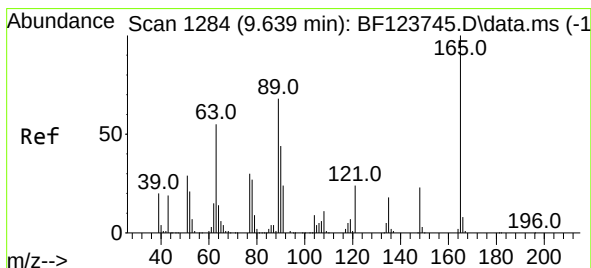
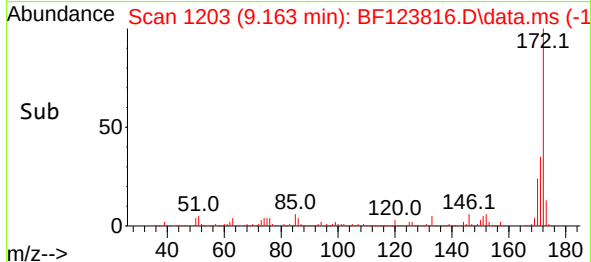
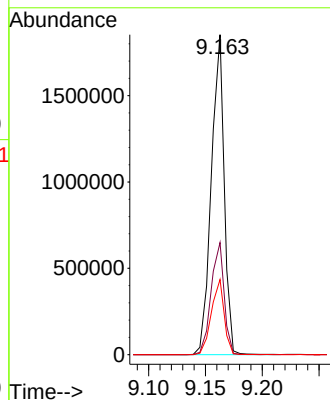
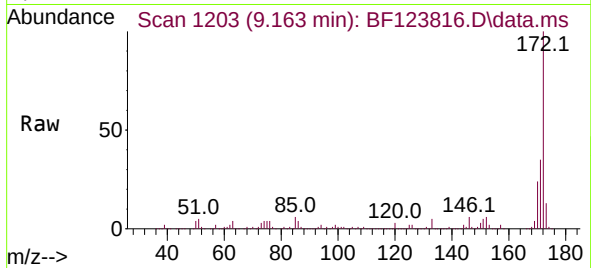




#45
2-Fluorobiphenyl
Concen: 56.77 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

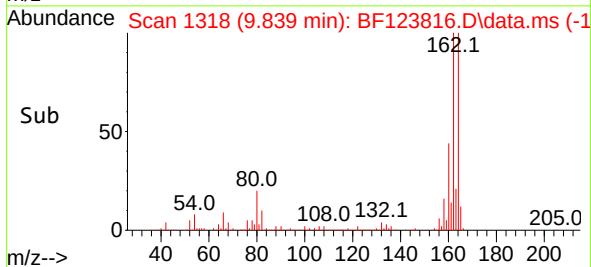
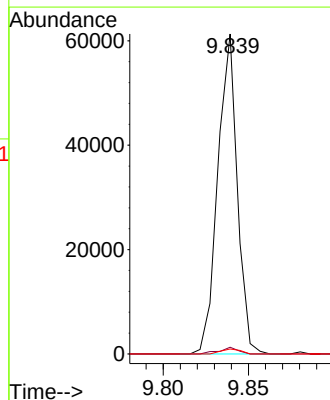
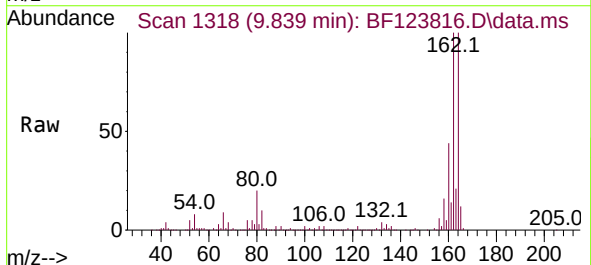
Instrument :
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ClientSampleId :
STONE-2

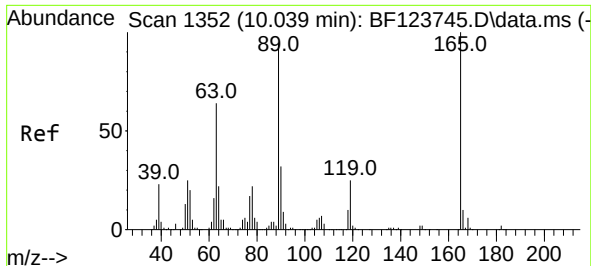
Tgt Ion:172 Resp: 1459670
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.200 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

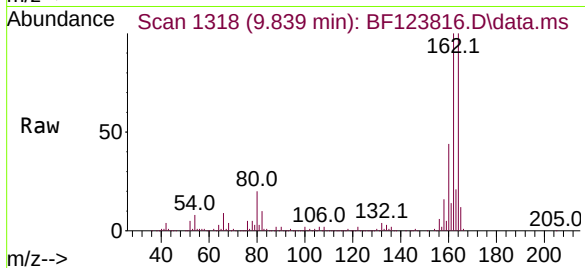
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Ion Ratio Lower Upper
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63 2.1 67.7 101.5#
89 1.6 58.8 88.2#



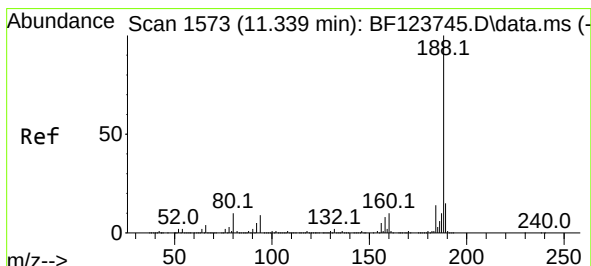
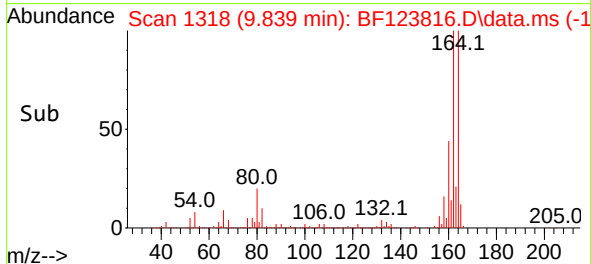
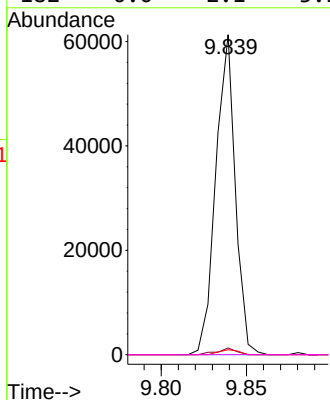


#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Instrument :
BNA_F
ClientSampleId :
STONE-2

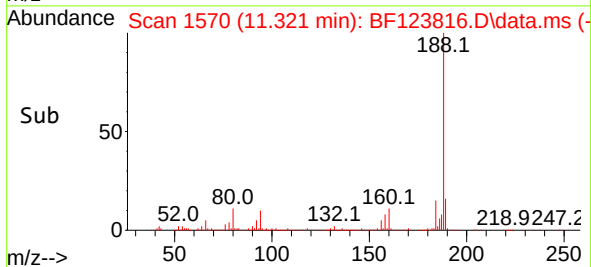
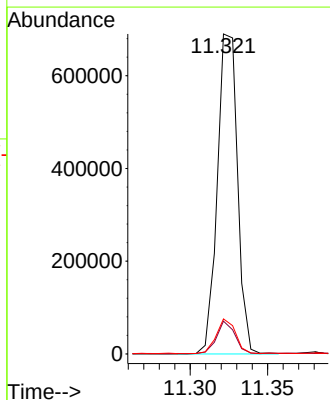
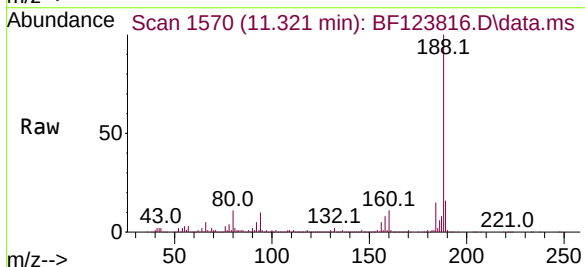


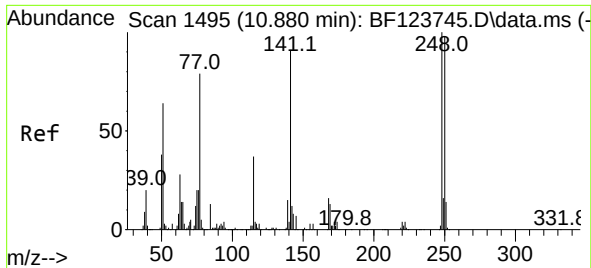
Tgt Ion:165 Resp: 48754
Ion Ratio Lower Upper
165 100
63 2.1 43.5 65.3#
89 1.6 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion:188 Resp: 626743
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 11.0 8.2 12.2

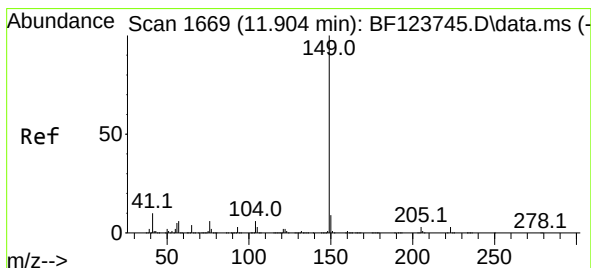
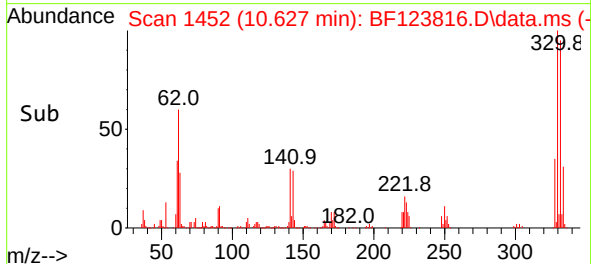
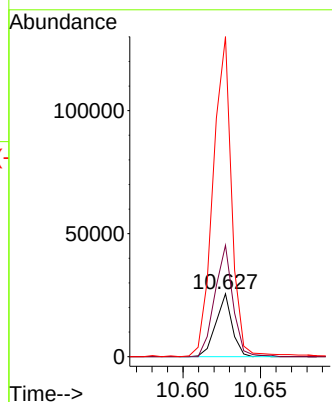
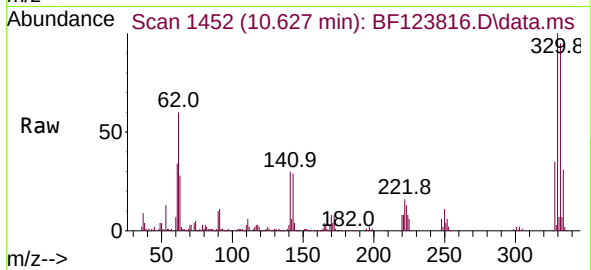




#67
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.253 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

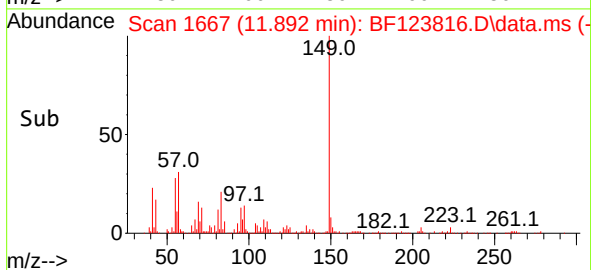
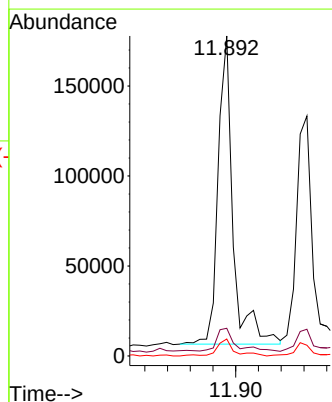
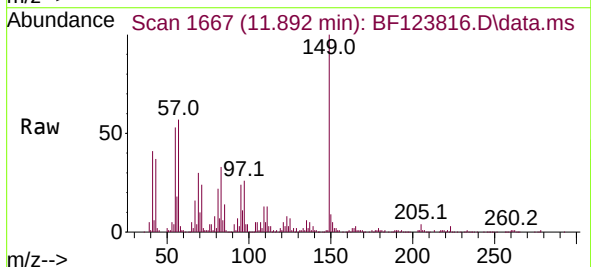
Instrument :
BNA_F
ClientSampleId :
STONE-2

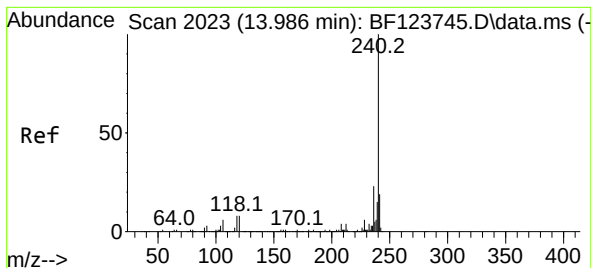
Tgt Ion:248 Resp: 18775
Ion Ratio Lower Upper
248 100
250 177.3 77.4 116.2#
141 509.4 63.7 95.5#



#74
Di-n-butylphthalate
Concen: 4.20 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion:149 Resp: 155654
Ion Ratio Lower Upper
149 100
150 8.6 7.8 11.8
104 5.3 4.6 6.8

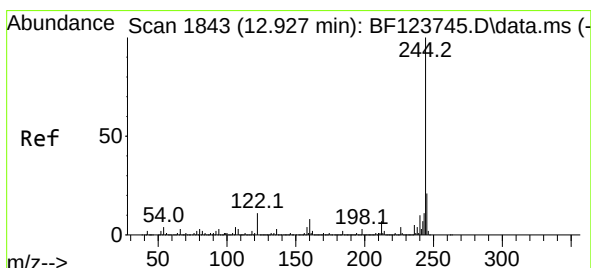
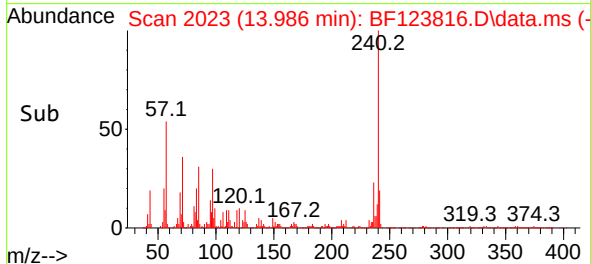
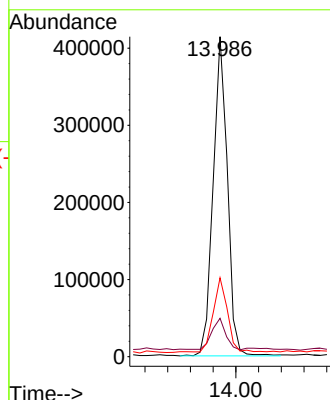
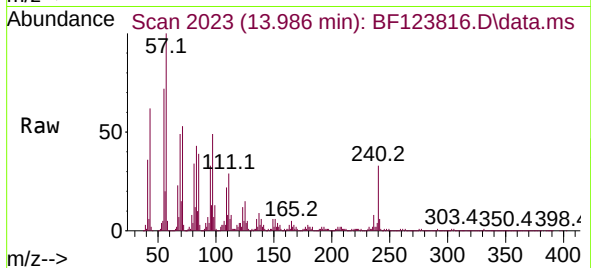




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

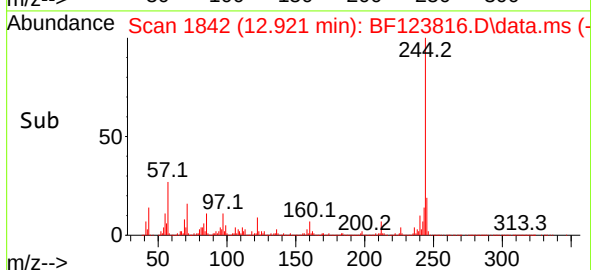
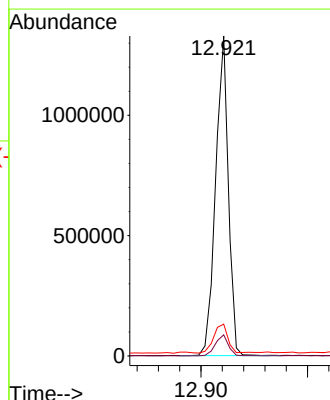
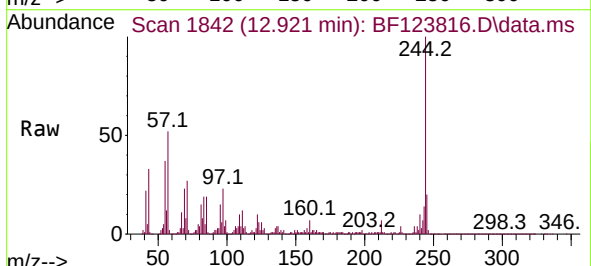
Instrument :
BNA_F
ClientSampleId :
STONE-2

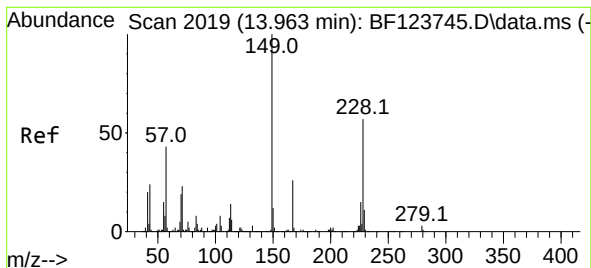
Tgt Ion:240 Resp: 360216
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 24.7 19.0 28.4



#79
Terphenyl-d14
Concen: 58.59 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion:244 Resp: 1096096
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.9 9.7 14.5

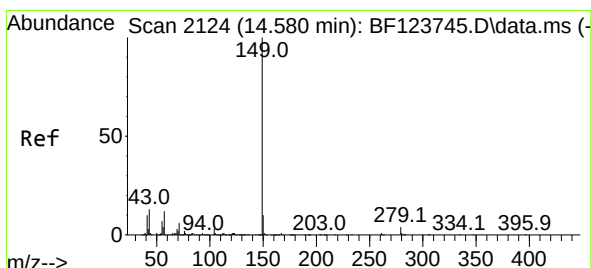
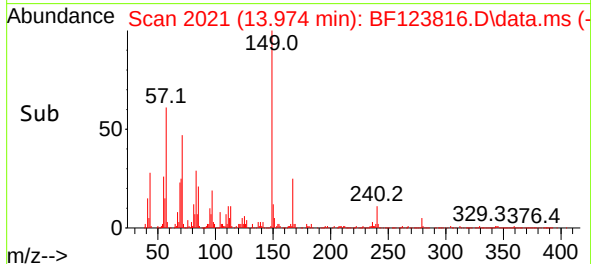
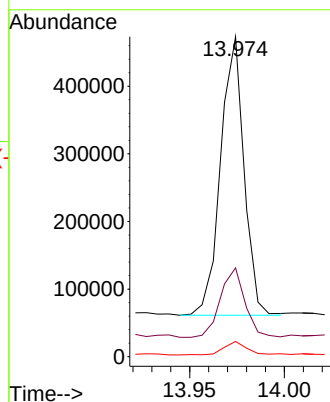
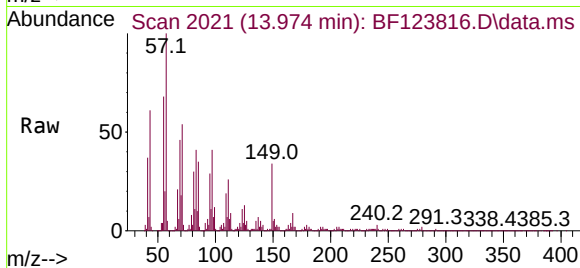




#84
Bis(2-ethylhexyl)phthalate
Concen: 23.88 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

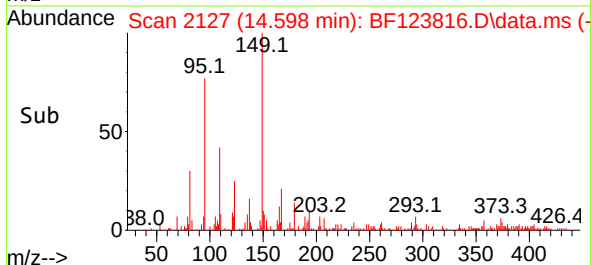
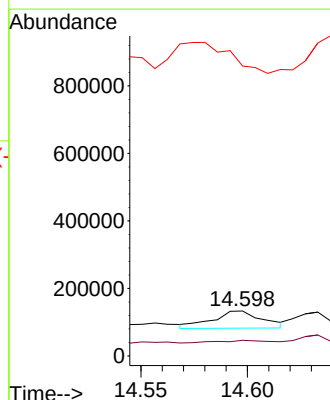
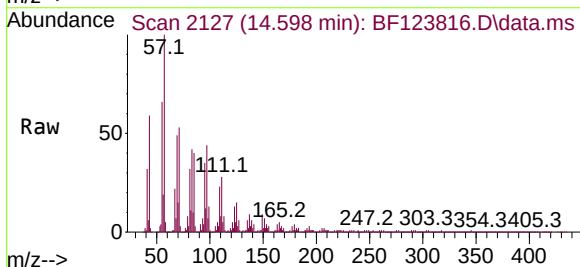
Instrument :
BNA_F
ClientSampleId :
STONE-2

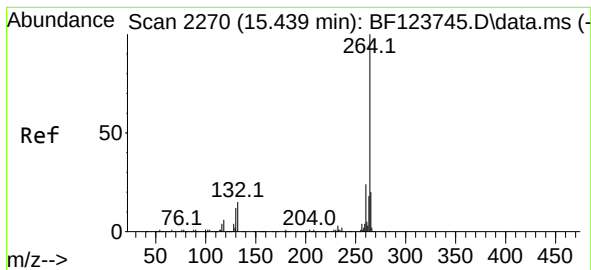
Tgt Ion:149 Resp: 354298
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.6
279 4.7 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 3.48 ng
RT: 14.598 min Scan# 2127
Delta R.T. 0.017 min
Lab File: BF123816.D
Acq: 4 May 2021 19:20

Tgt Ion:149 Resp: 82649
Ion Ratio Lower Upper
149 100
167 27.4 1.2 1.8#
43 206.6 11.8 17.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.029 min
 Lab File: BF123816.D
 Acq: 4 May 2021 19:20

Instrument :
 BNA_F
 ClientSampleId :
 STONE-2

Tgt Ion:264 Resp: 360193
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.3 17.8 26.8

