

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123853.D
 Acq On : 6 May 2021 14:21
 Operator : JU/CG
 Sample : M2252-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-2

Quant Time: May 06 14:43:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

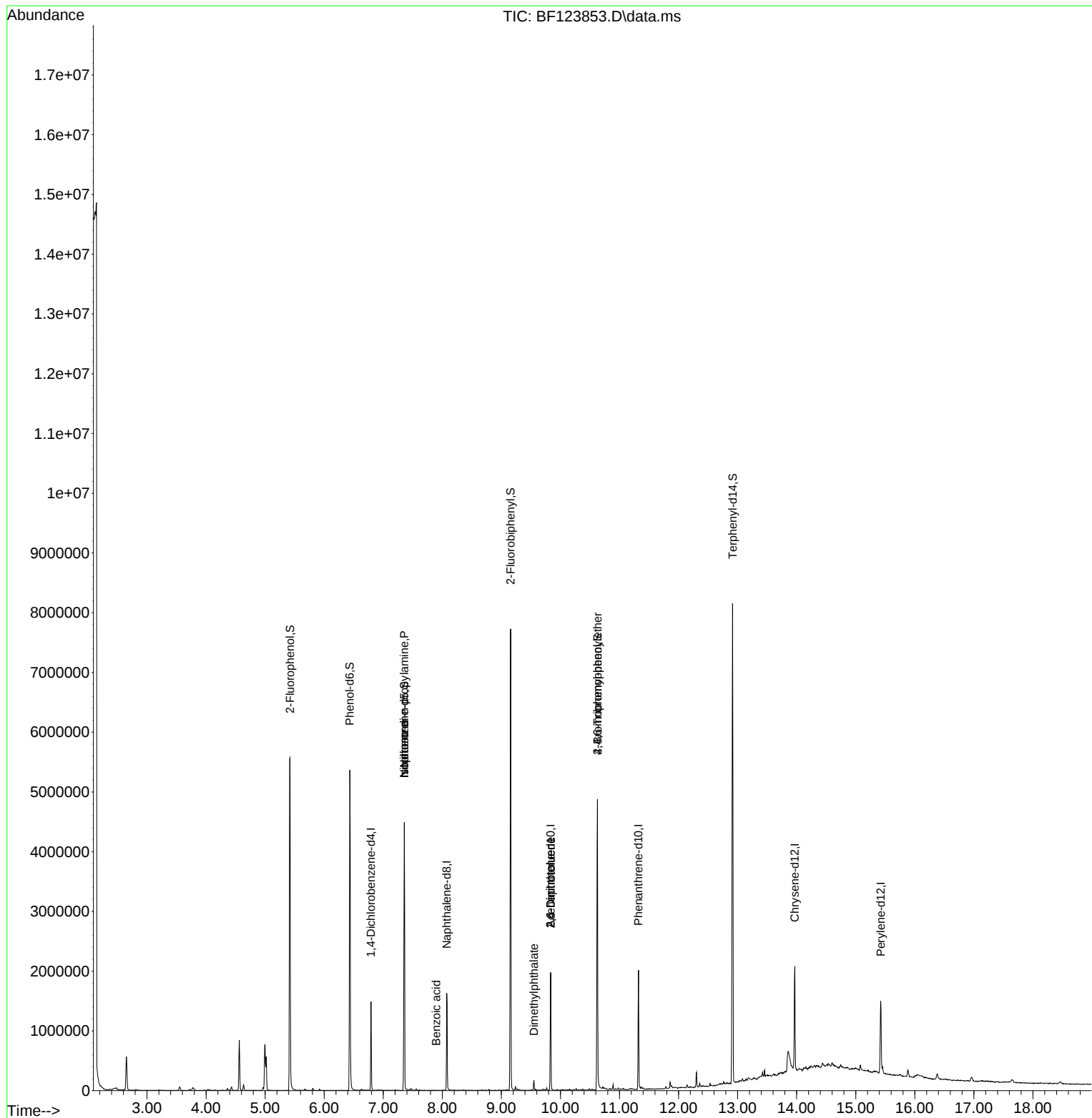
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	181055	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	676144	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	351041	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	672451	20.00	ng	0.00
76) Chrysene-d12	13.968	240	620736	20.00	ng	0.00
86) Perylene-d12	15.421	264	565381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1421641	124.40	ng	0.01
7) Phenol-d6	6.433	99	1656675	105.23	ng	0.00
23) Nitrobenzene-d5	7.357	82	1386329	92.56	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	604387	138.30	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2191956	90.93	ng	0.00
79) Terphenyl-d14	12.915	244	2714313	84.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	188321	19.37	ng	# 73
25) Isophorone	7.357	82	1386315	49.36	ng	# 69
32) Benzoic acid	7.898	122	137	5.41	ng	# 1
50) Dimethylphthalate	9.551	163	55417	2.24	ng	# 95
51) 2,6-Dinitrotoluene	9.833	165	43821	7.67	ng	# 12
57) 2,4-Dinitrotoluene	9.833	165	43821	5.62	ng	# 17
67) 4-Bromophenyl-phenylether	10.627	248	33357	4.71	ng	# 1

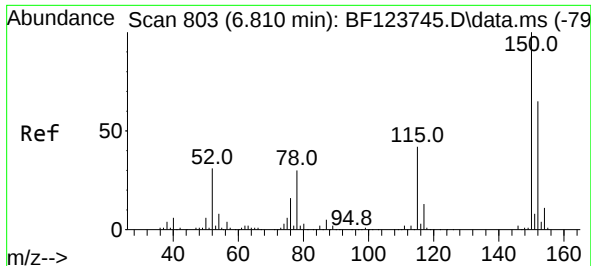
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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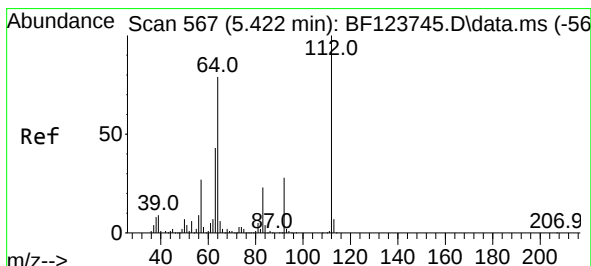
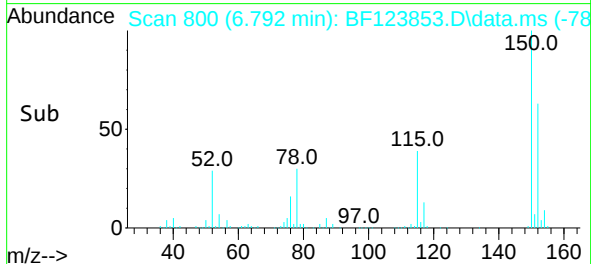
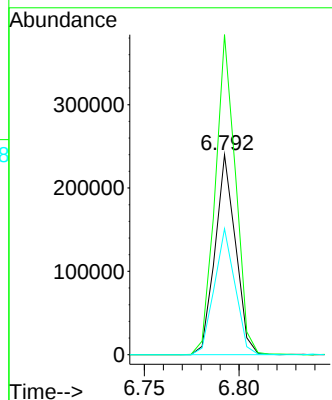
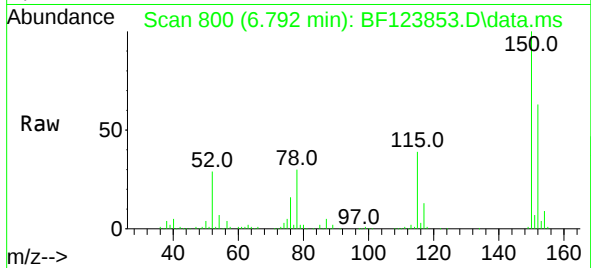




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

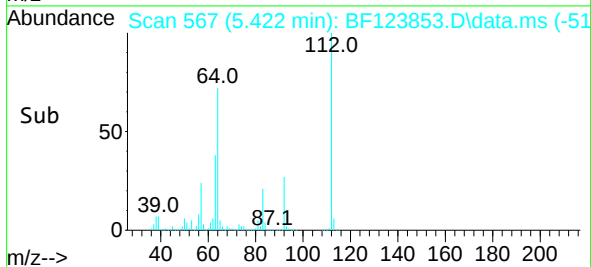
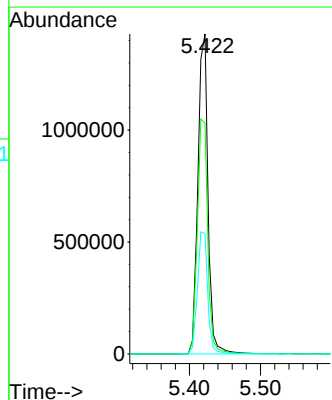
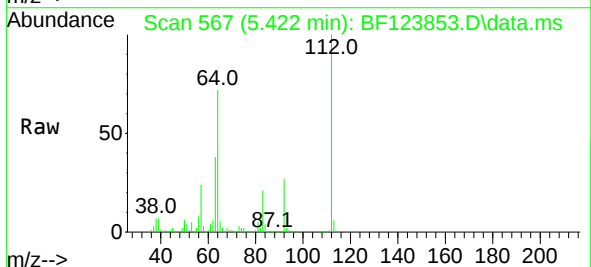
Instrument :
BNA_F
ClientSampleId :
STONE-2

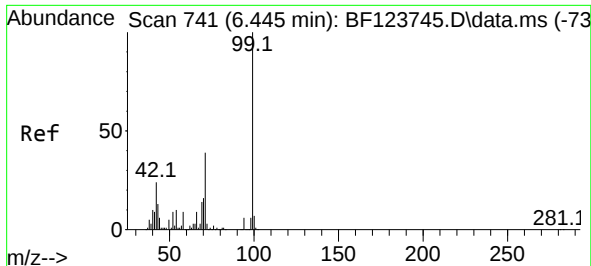
Tgt Ion:152 Resp: 181055
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 124.40 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.011 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:112 Resp: 1421641
Ion Ratio Lower Upper
112 100
64 72.1 61.4 92.0
63 37.6 33.0 49.4

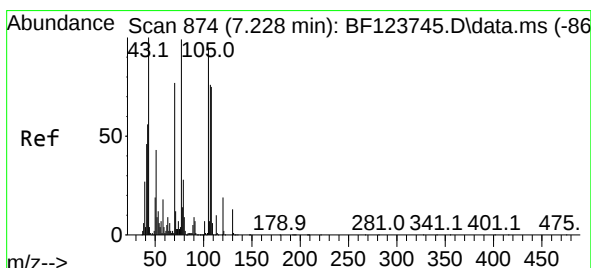
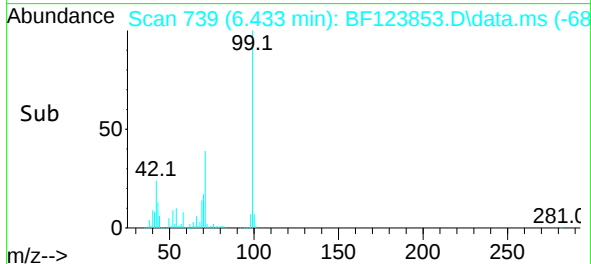
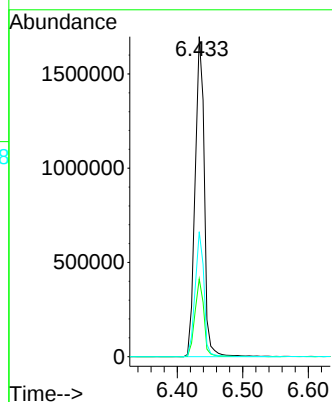
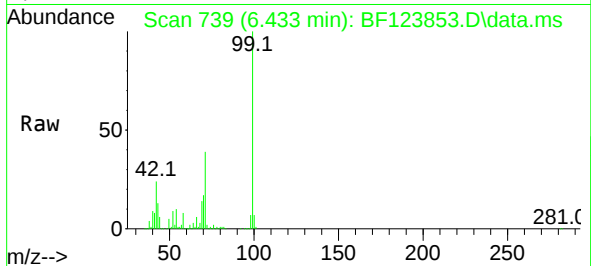




#7
Phenol-d6
Concen: 105.23 ng
RT: 6.433 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

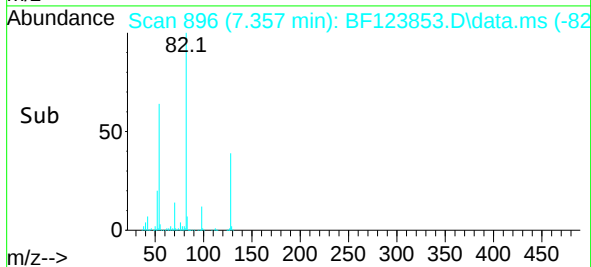
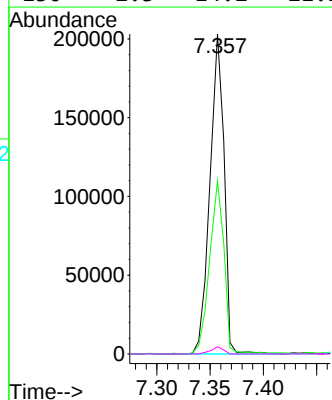
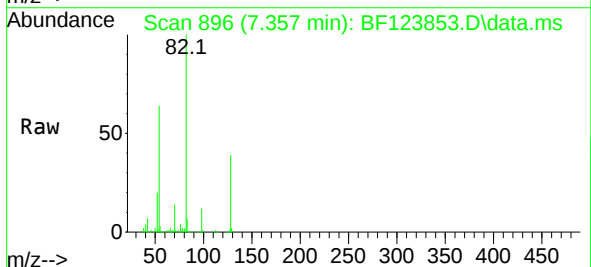
Instrument :
BNA_F
ClientSampleId :
STONE-2

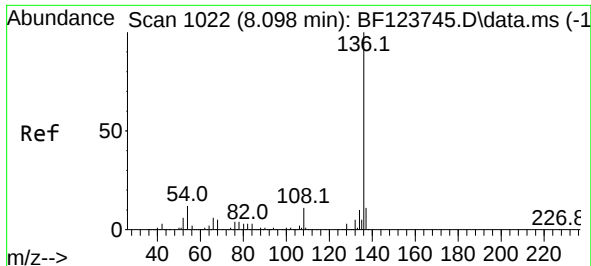
Tgt Ion: 99 Resp: 1656675
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.8
71 39.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.37 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion: 70 Resp: 188321
Ion Ratio Lower Upper
70 100
42 54.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#



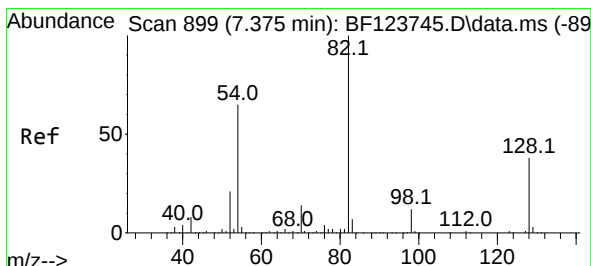
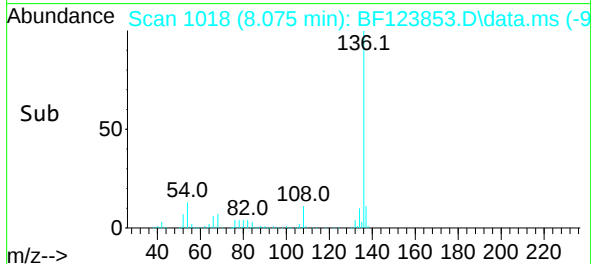
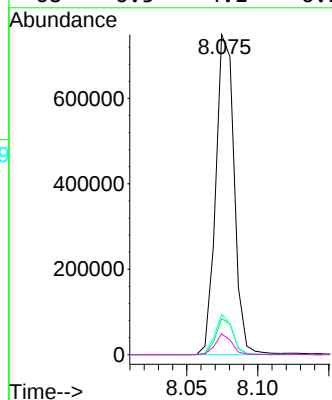
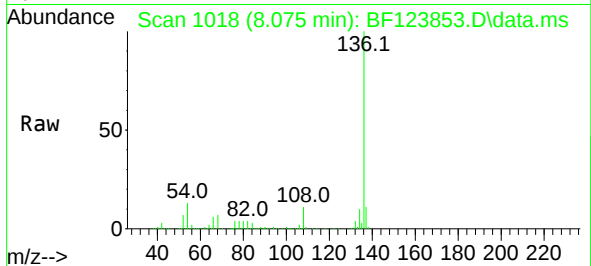


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Instrument :
BNA_F
ClientSampleId :
STONE-2

Tgt Ion:136 Resp: 676144

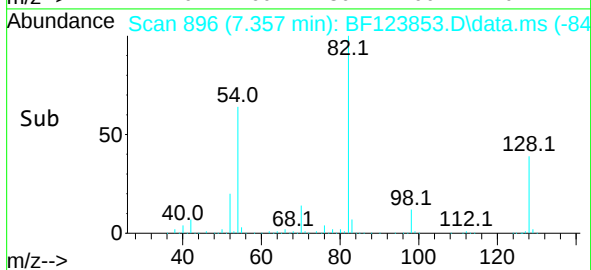
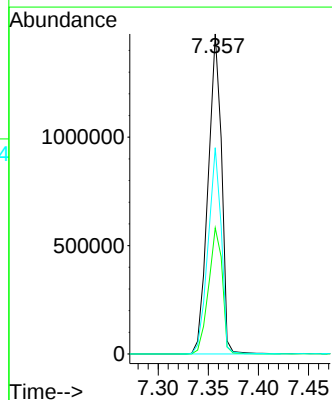
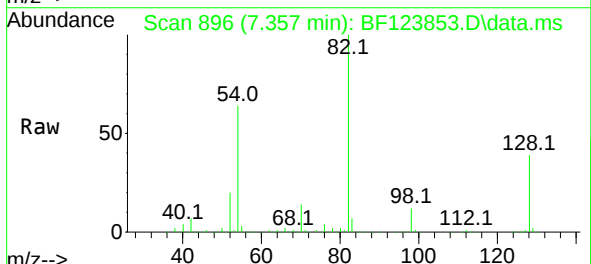
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.5	9.8	14.6
68	6.5	4.1	6.1

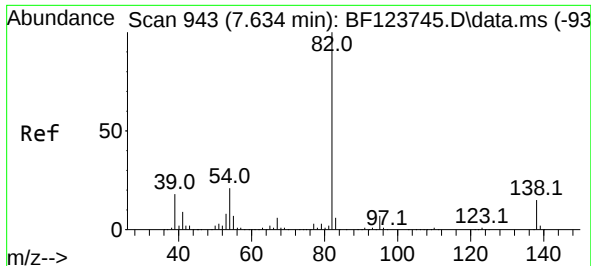


#23
Nitrobenzene-d5
Concen: 92.56 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion: 82 Resp: 1386329

Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.4	44.2
54	64.5	54.1	81.1

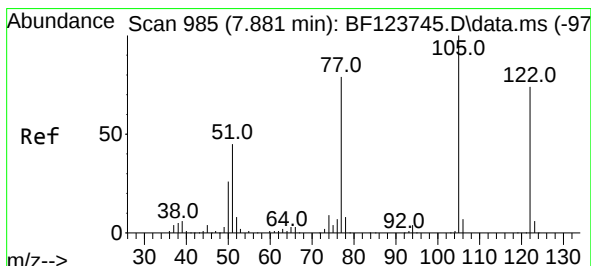
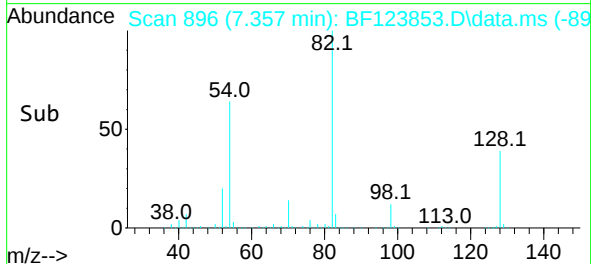
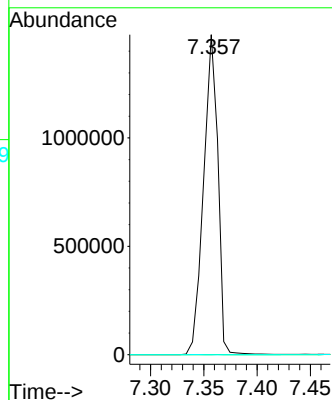
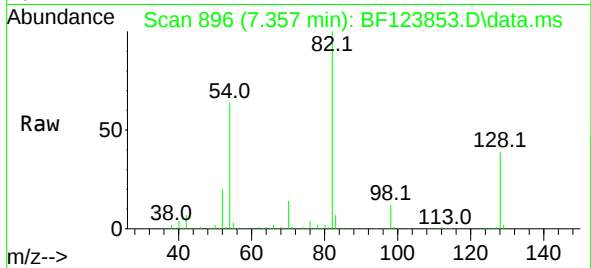




#25
Isophorone
Concen: 49.36 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

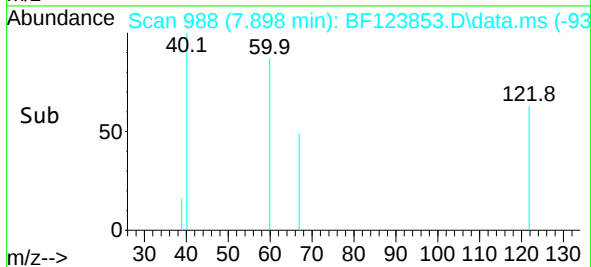
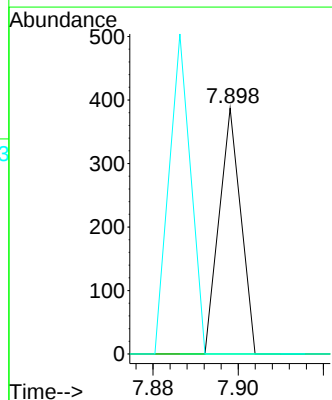
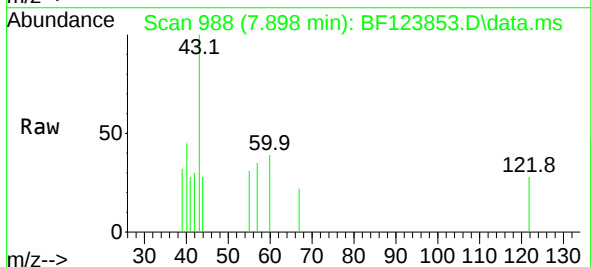
Instrument :
BNA_F
ClientSampleId :
STONE-2

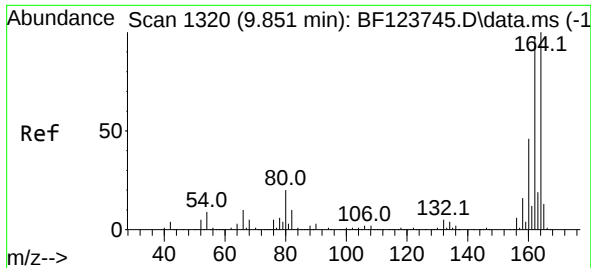
Tgt Ion: 82 Resp: 1386315
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.41 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.023 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

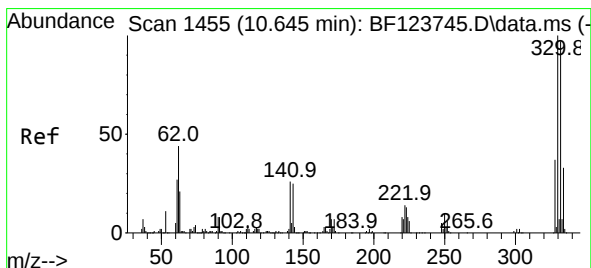
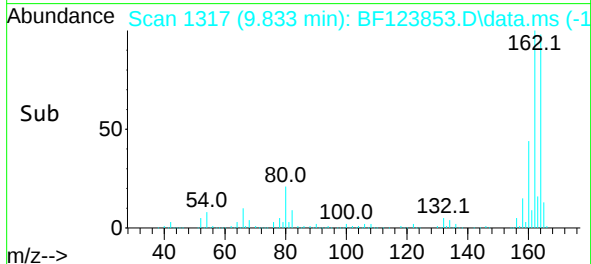
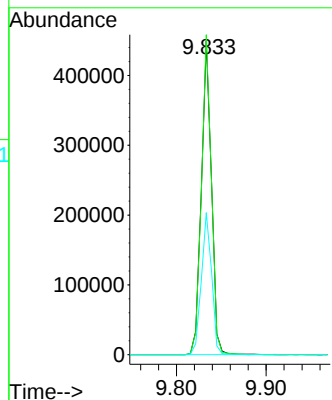
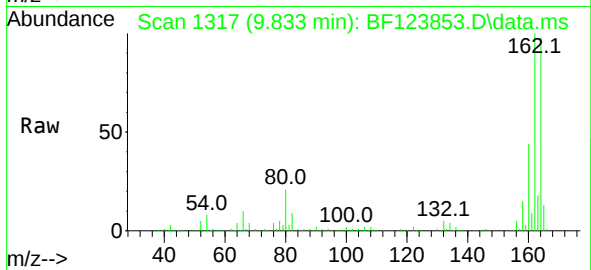




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

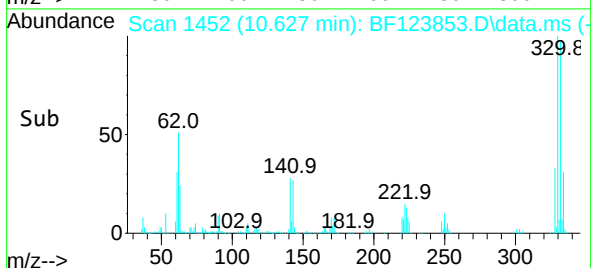
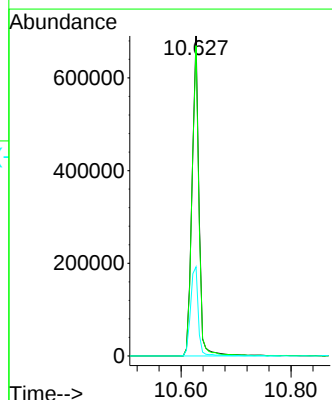
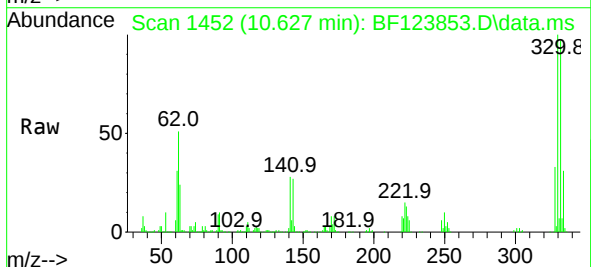
Instrument :
BNA_F
ClientSampleId :
STONE-2

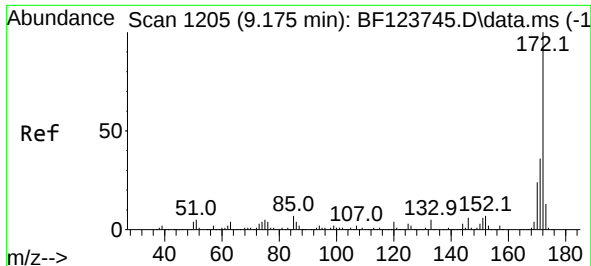
Tgt Ion:164 Resp: 351041
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 45.3 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 138.30 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:330 Resp: 604387
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 31.0 27.9 41.9

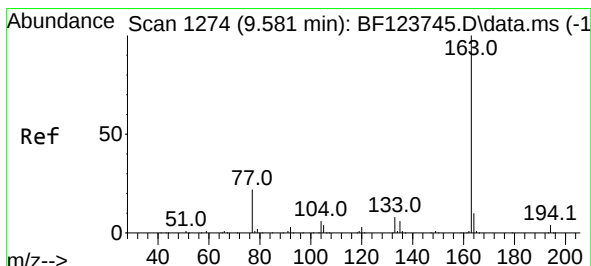
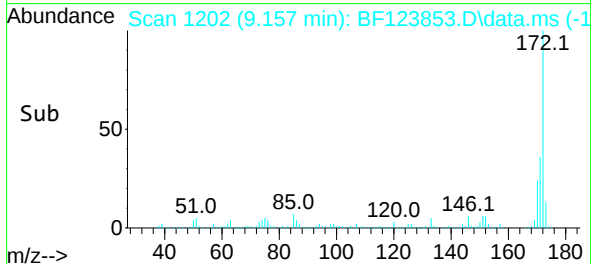
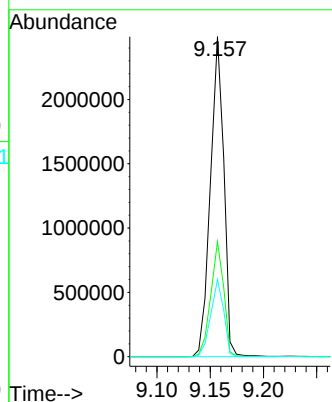
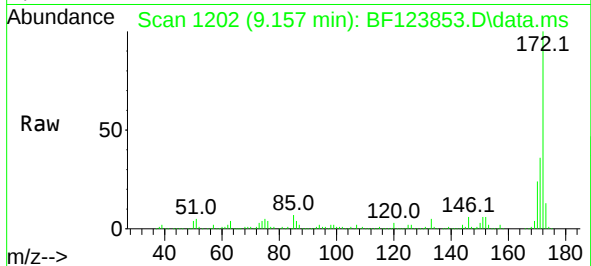




#45
2-Fluorobiphenyl
Concen: 90.93 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

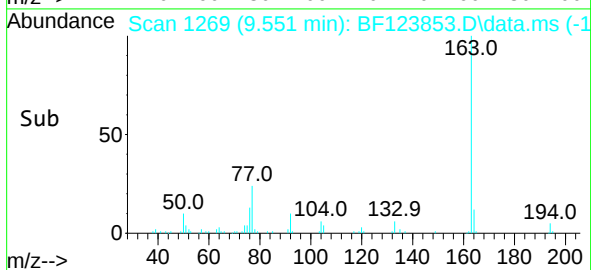
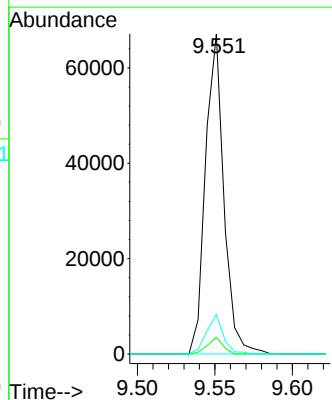
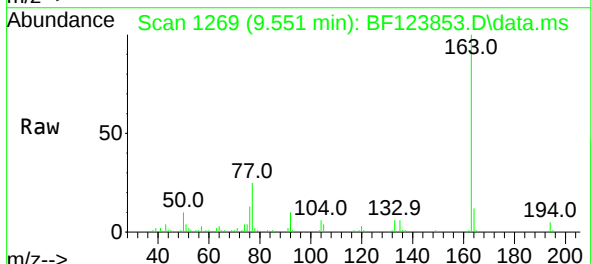
Instrument :
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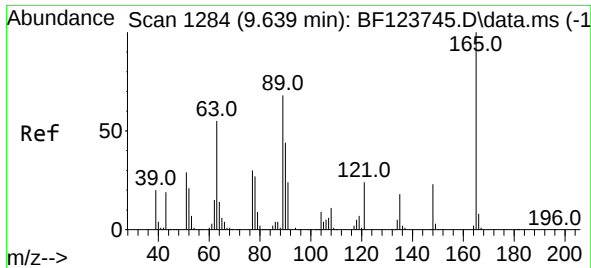
Tgt Ion:172 Resp: 2191956
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.1 19.2 28.8



#50
Dimethylphthalate
Concen: 2.24 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:163 Resp: 55417
Ion Ratio Lower Upper
163 100
194 5.2 3.1 4.7#
164 12.4 8.2 12.2#

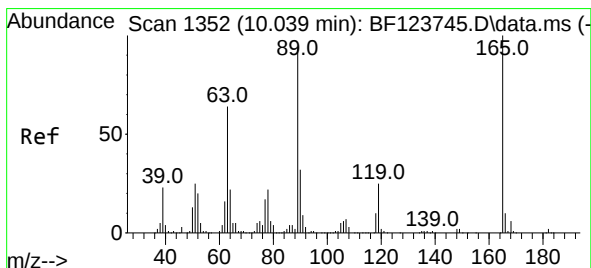
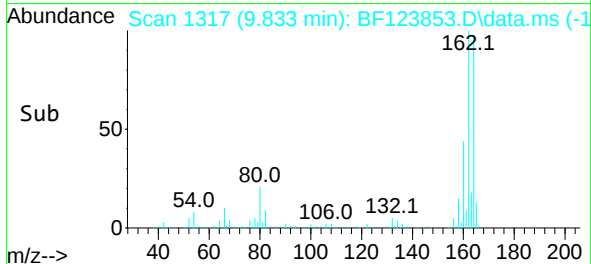
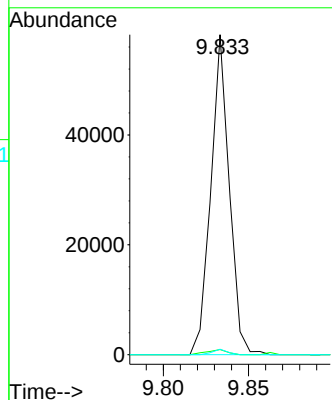
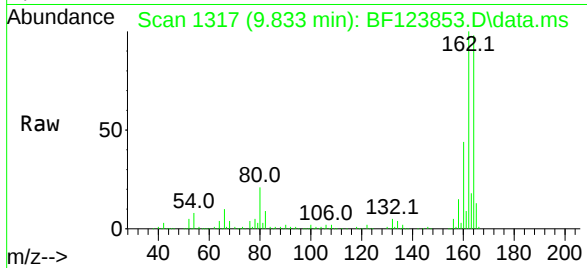




#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

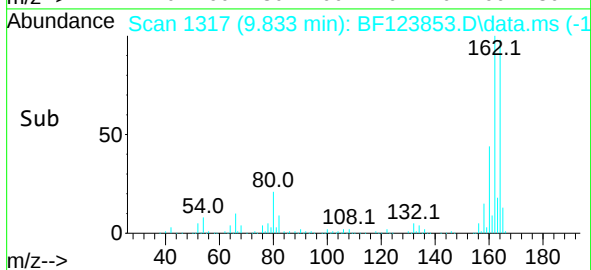
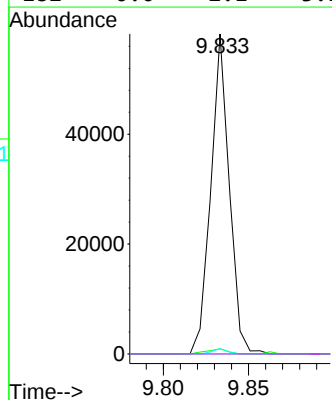
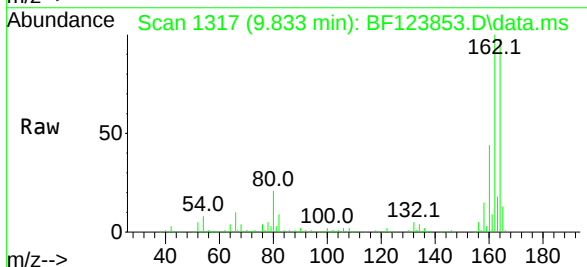
Instrument :
BNA_F
ClientSampleId :
STONE-2

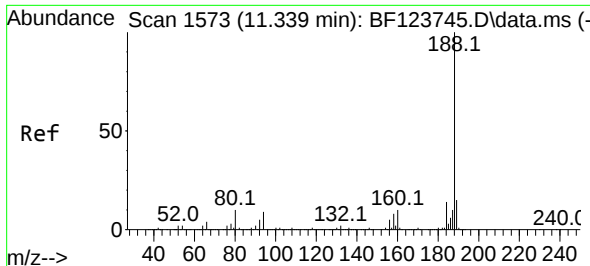
Tgt Ion:165 Resp: 43821
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:165 Resp: 43821
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

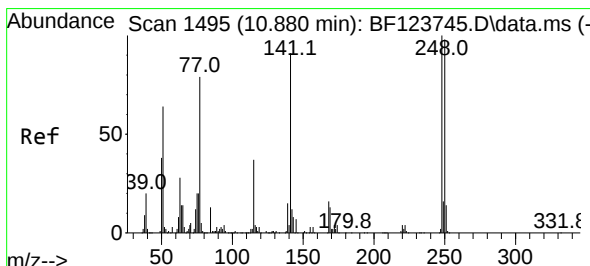
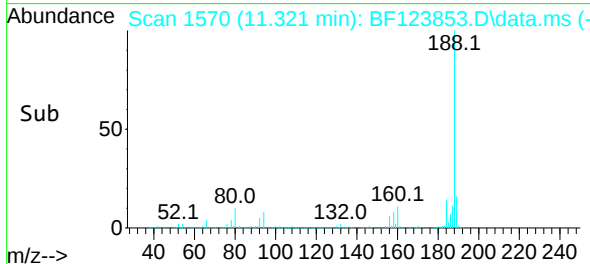
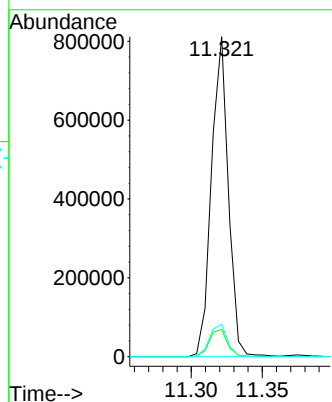
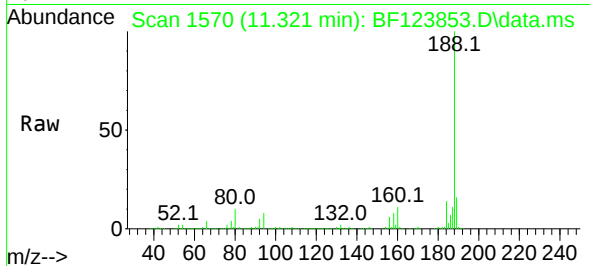




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

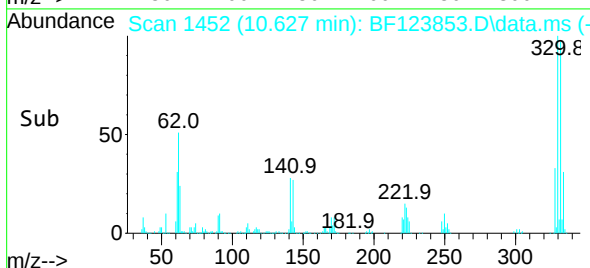
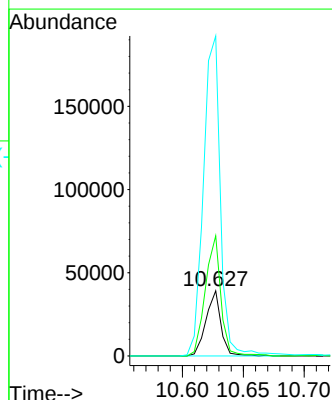
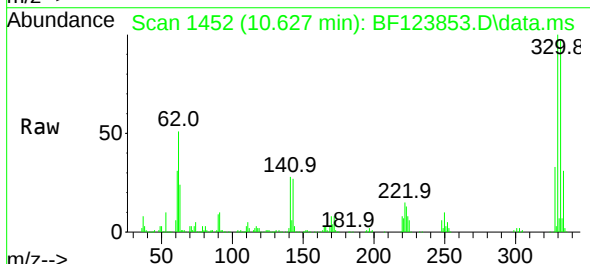
Instrument :
BNA_F
ClientSampleId :
STONE-2

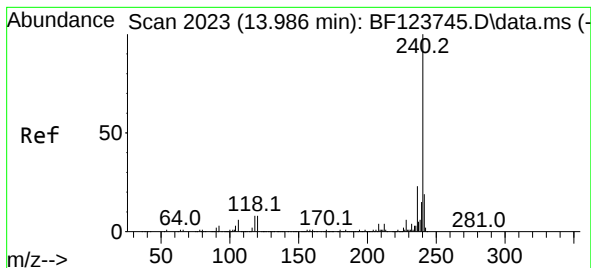
Tgt Ion:188 Resp: 672451
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:248 Resp: 33357
Ion Ratio Lower Upper
248 100
250 184.4 77.4 116.2#
141 491.0 63.7 95.5#

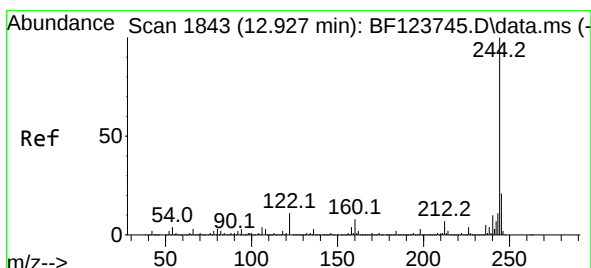
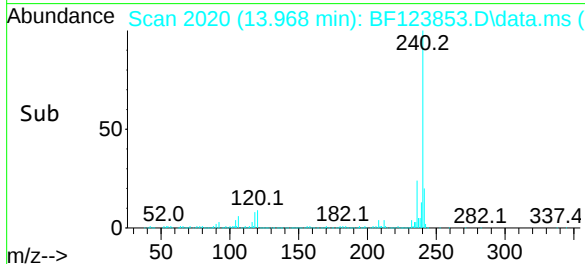
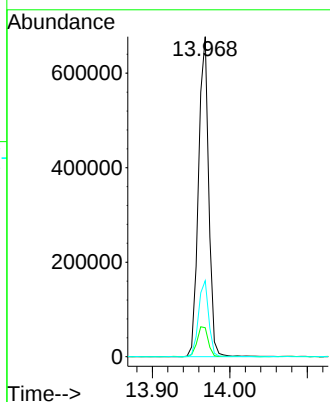
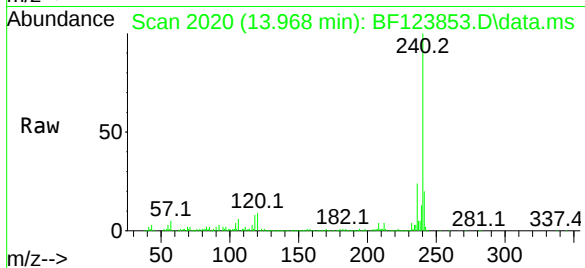




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

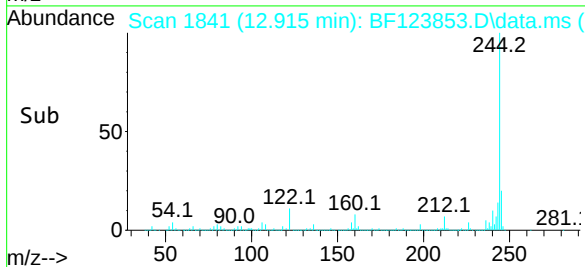
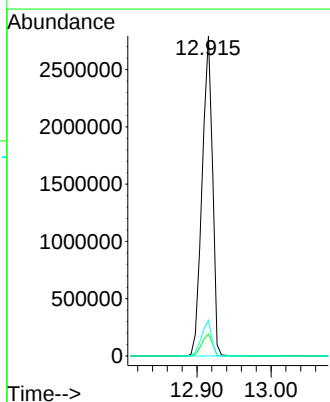
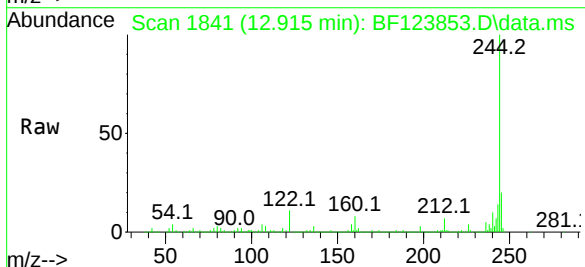
Instrument :
BNA_F
ClientSampleId :
STONE-2

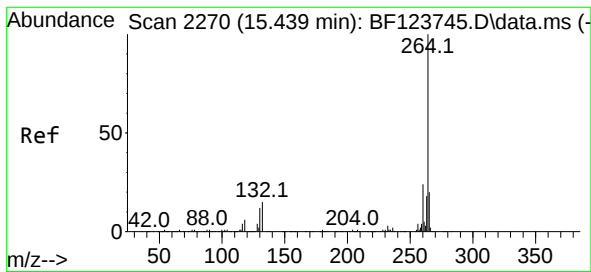
Tgt Ion:240 Resp: 620736
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 23.7 19.0 28.4



#79
Terphenyl-d14
Concen: 84.20 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Tgt Ion:244 Resp: 2714313
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.2 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123853.D
Acq: 6 May 2021 14:21

Instrument :
BNA_F
ClientSampleId :
STONE-2

Tgt Ion:264 Resp: 565381

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	17.8	26.8

