

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133298.D
 Acq On : 08 May 2023 16:57
 Operator : CG\JU
 Sample : 02659-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-CRUSHED-STONE

Quant Time: May 09 05:06:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

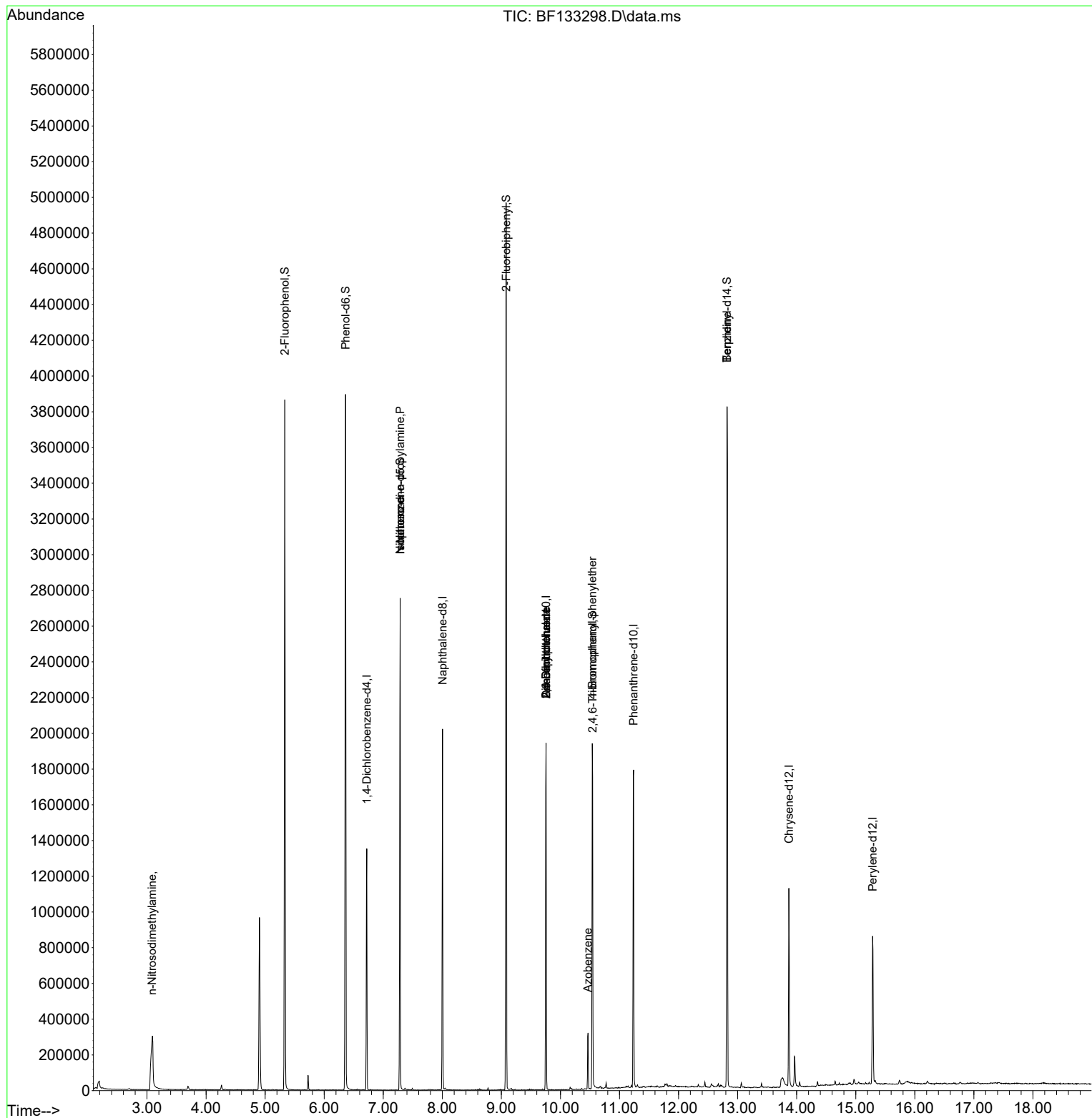
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	186597	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	756239	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	383932	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	657453	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	336697	20.000	ng	-0.01
86) Perylene-d12	15.286	264	355198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1047746	84.821	ng	0.00
7) Phenol-d6	6.363	99	1287009	83.943	ng	0.00
23) Nitrobenzene-d5	7.286	82	771510	55.067	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	224960	58.262	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1459946	63.618	ng	0.00
79) Terphenyl-d14	12.821	244	1374726	70.418	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.087	42	17577	2.230	ng	# 1
9) Benzaldehyde	6.363	77	1850	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.286	70	102002	10.686	ng	# 76
25) Isophorone	7.286	82	771501	29.003	ng	# 63
50) Dimethylphthalate	9.757	163	78109	2.918	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	48661	8.076	ng	# 24
57) 2,4-Dinitrotoluene	9.757	165	48661	6.333	ng	# 23
63) Azobenzene	10.463	77	54933	2.051	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	14805	2.076	ng	# 1
77) Benzidine	12.821	184	17436	3.062	ng	# 88

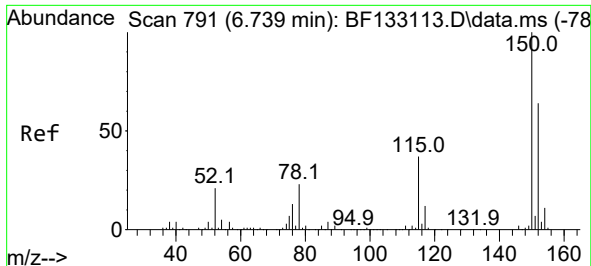
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
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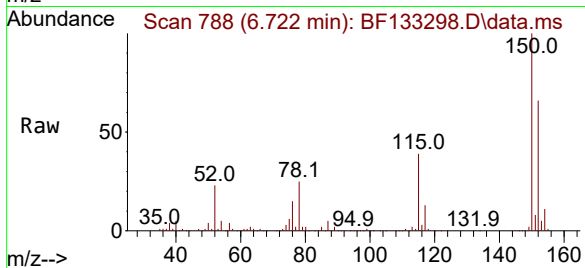
Quant Time: May 09 05:06:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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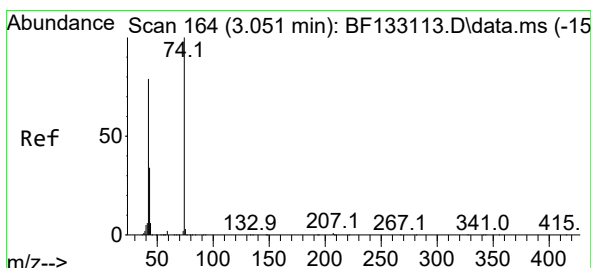
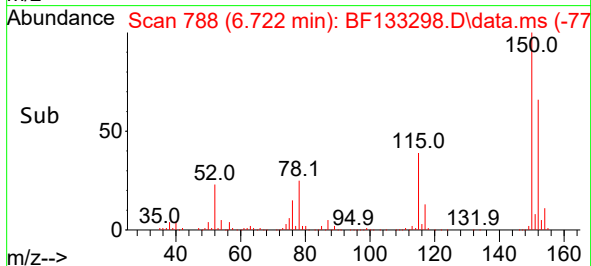
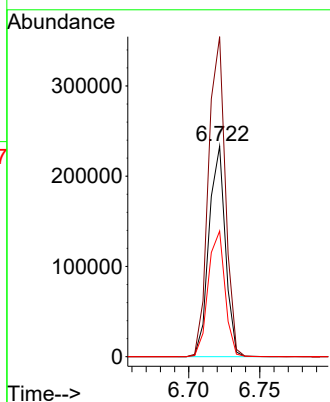


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

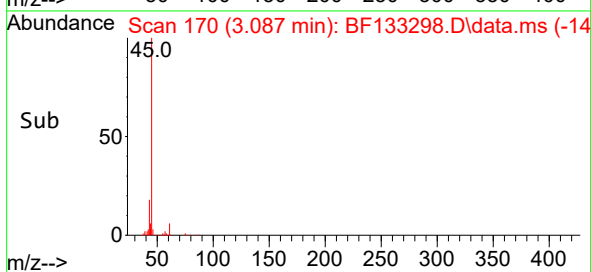
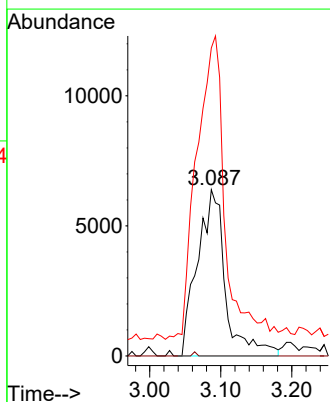
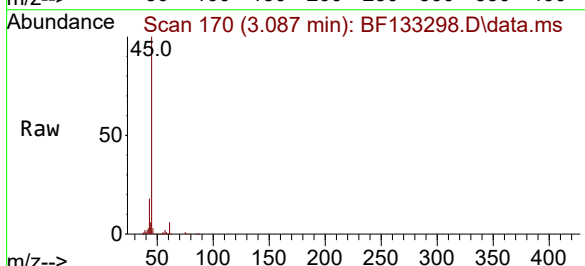


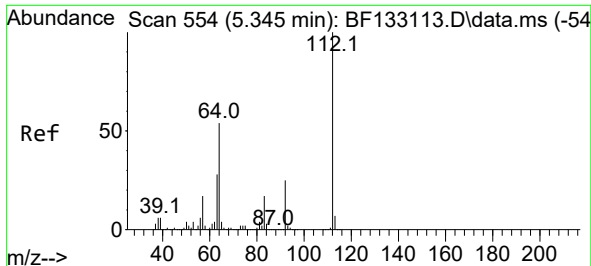
Tgt Ion:152 Resp: 186597
Ion Ratio Lower Upper
152 100
150 152.0 124.8 187.2
115 59.7 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 2.230 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.053 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion: 42 Resp: 17577
Ion Ratio Lower Upper
42 100
74 0.0 98.0 147.0#
44 185.4 5.8 8.8#

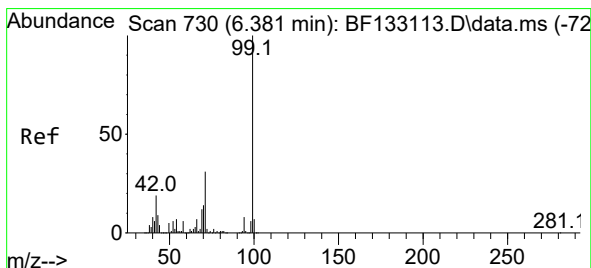
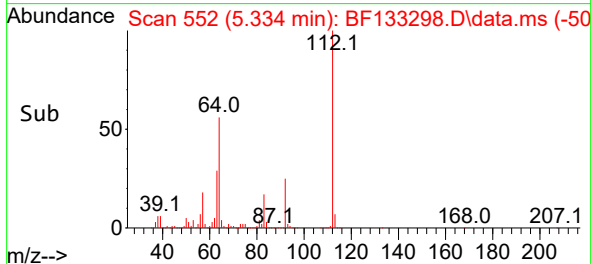
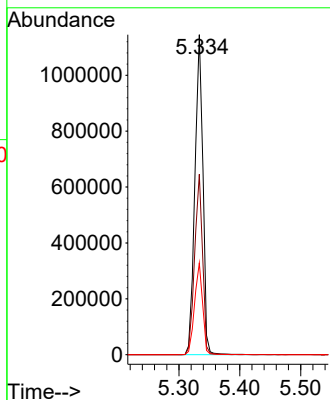
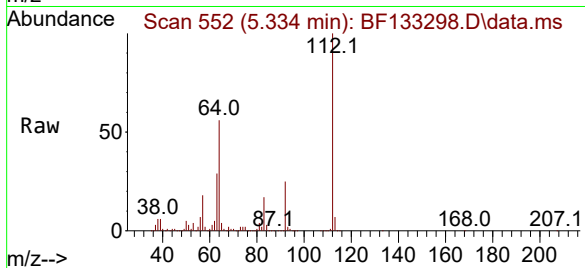




#5
2-Fluorophenol
Concen: 84.821 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

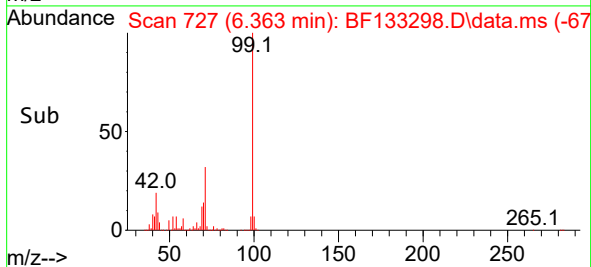
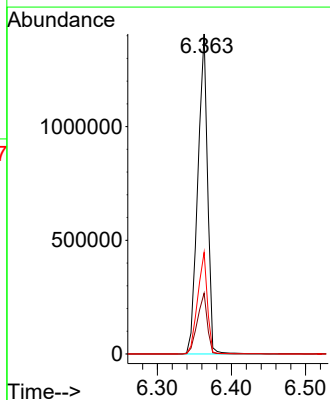
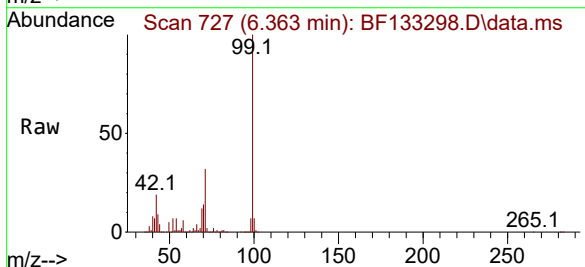
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

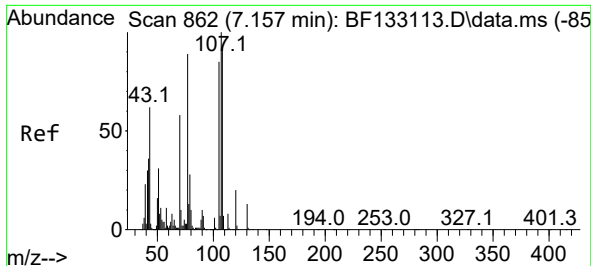
Tgt Ion:112 Resp: 1047746
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 28.7 23.8 35.8



#7
Phenol-d6
Concen: 83.943 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion: 99 Resp: 1287009
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.7 25.6 38.4

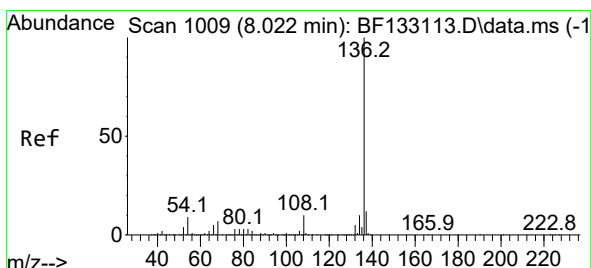
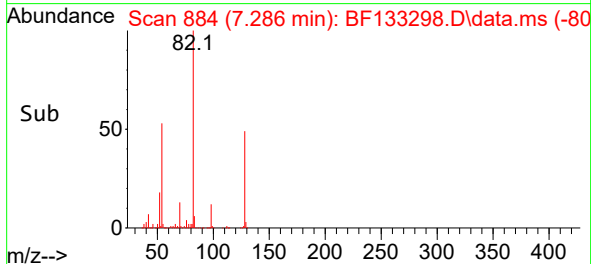
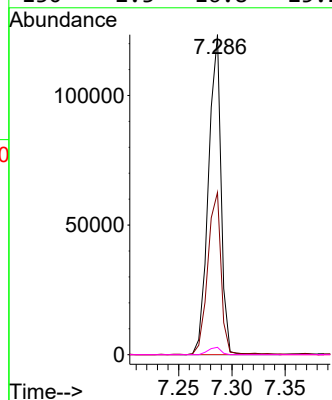
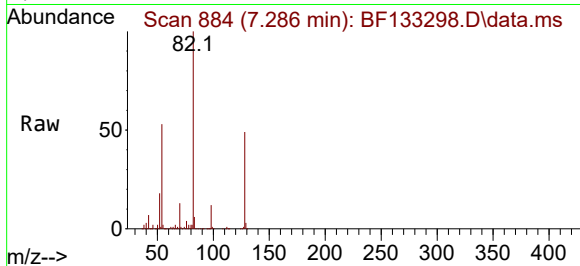




#19
n-Nitroso-di-n-propylamine
Concen: 10.686 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

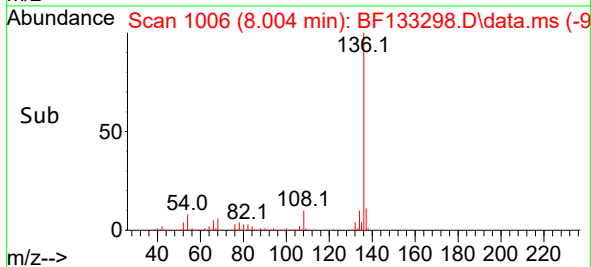
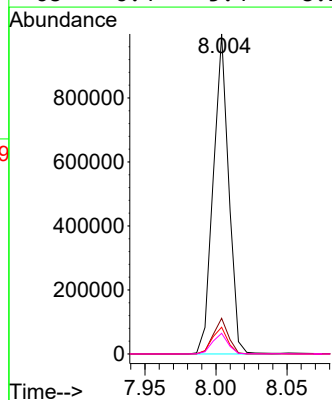
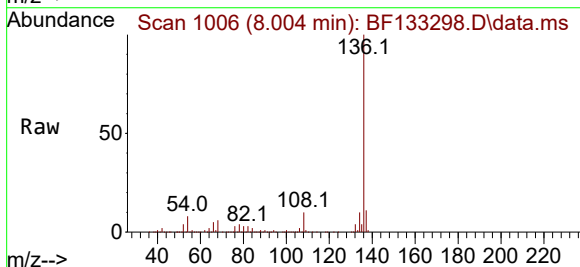
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

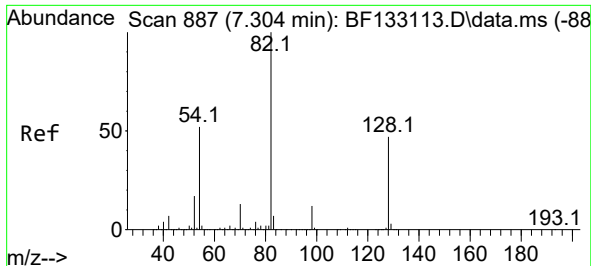
Tgt Ion: 70 Resp: 102002
Ion Ratio Lower Upper
70 100
42 50.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:136 Resp: 756239
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.4 7.0 10.4
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 55.067 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133298.D

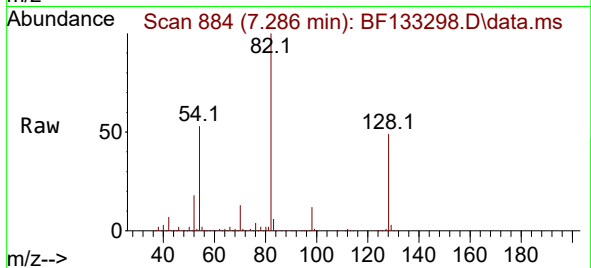
Acq: 08 May 2023 16:57

Instrument :

BNA_F

ClientSampleId :

DGA-CRUSHED-STONE



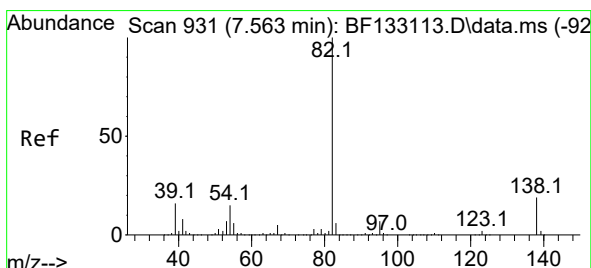
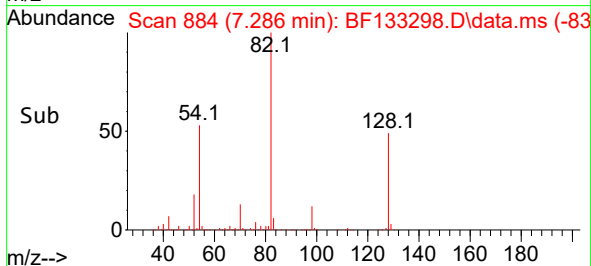
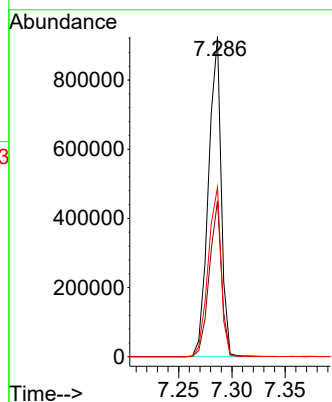
Tgt Ion: 82 Resp: 771510

Ion Ratio Lower Upper

82 100

128 48.7 37.7 56.5

54 52.9 43.0 64.4



#25

Isophorone

Concen: 29.003 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF133298.D

Acq: 08 May 2023 16:57

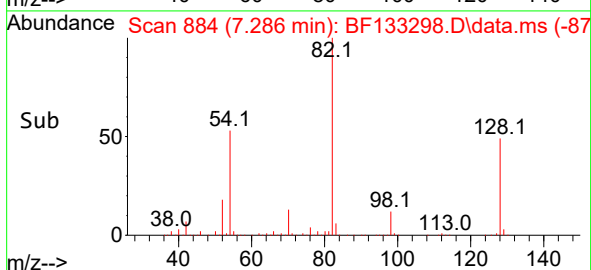
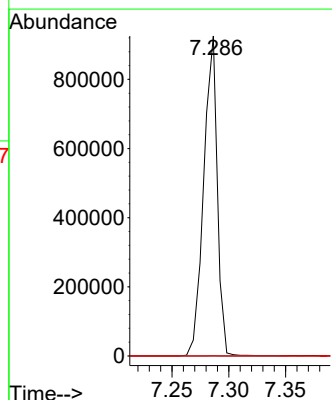
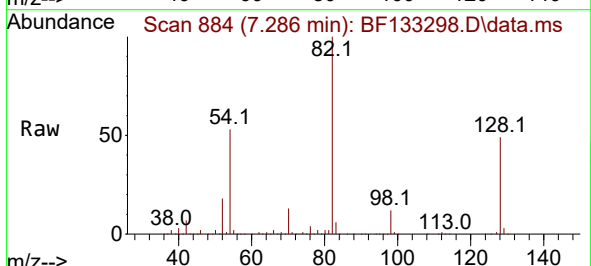
Tgt Ion: 82 Resp: 771501

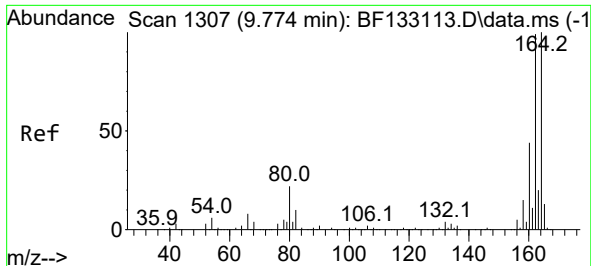
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 16.0 24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133298.D

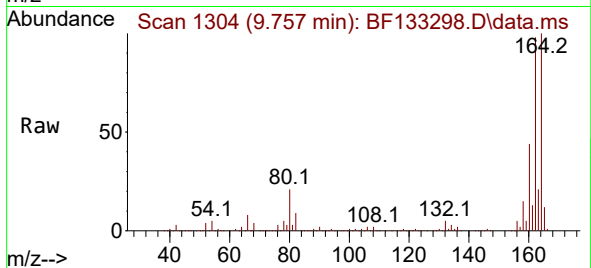
Acq: 08 May 2023 16:57

Instrument :

BNA_F

ClientSampleId :

DGA-CRUSHED-STONE



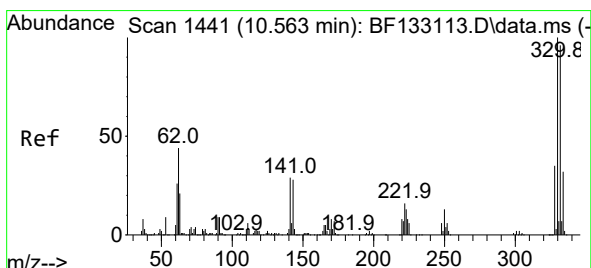
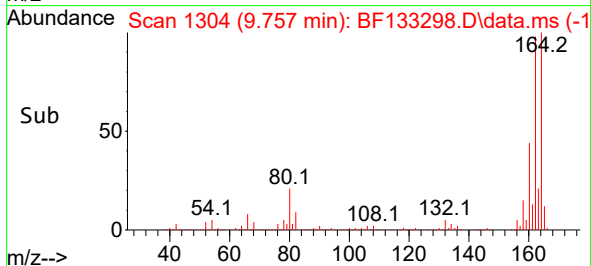
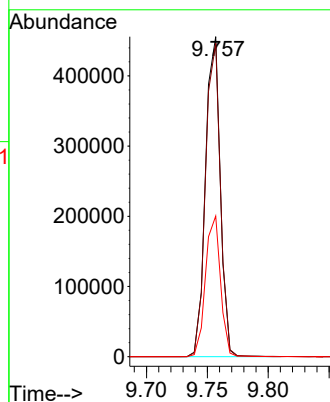
Tgt Ion:164 Resp: 383932

Ion Ratio Lower Upper

164 100

162 98.0 78.7 118.1

160 43.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 58.262 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF133298.D

Acq: 08 May 2023 16:57

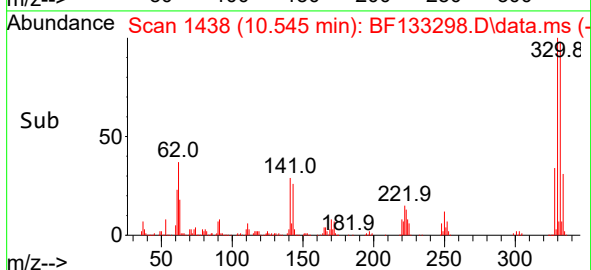
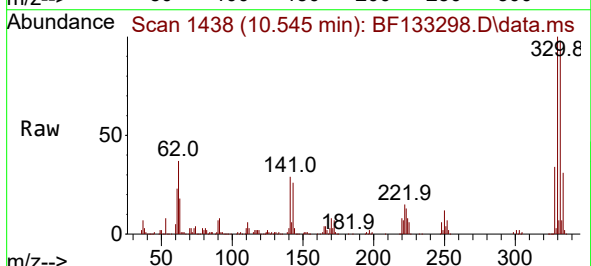
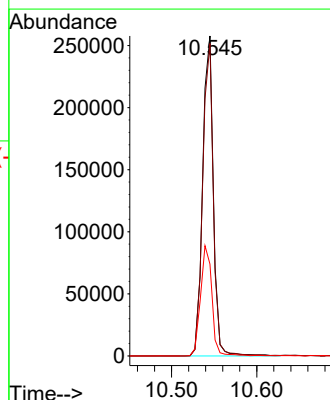
Tgt Ion:330 Resp: 224960

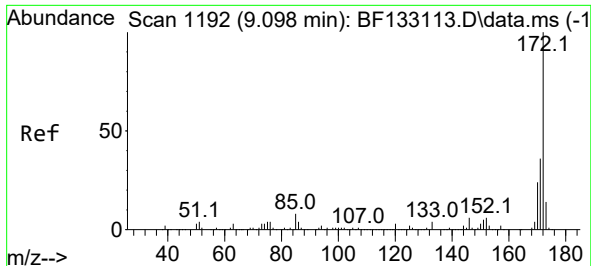
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 36.8 25.8 38.8

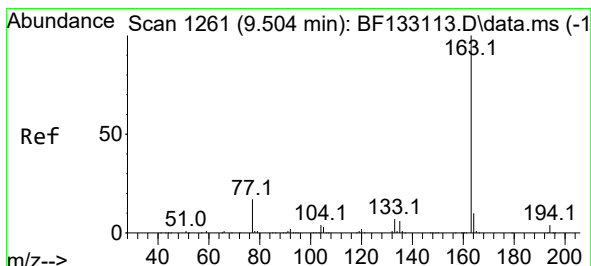
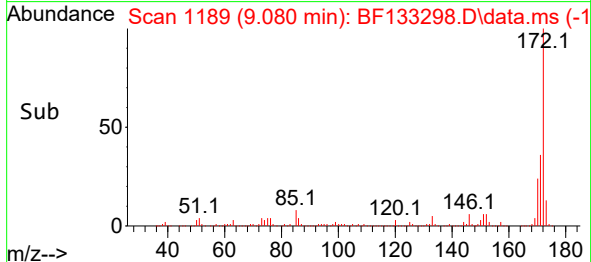
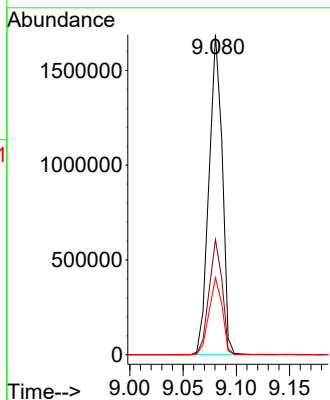
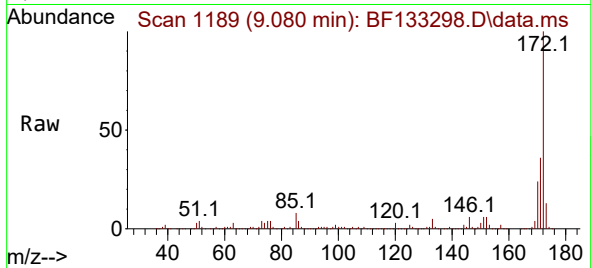




#45
2-Fluorobiphenyl
Concen: 63.618 ng
RT: 9.080 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

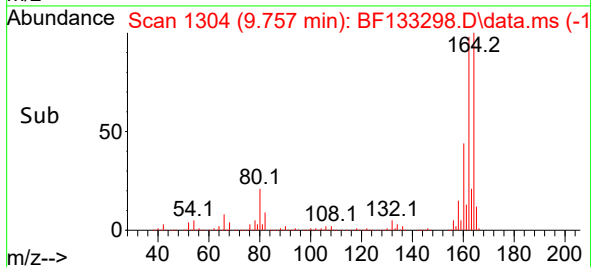
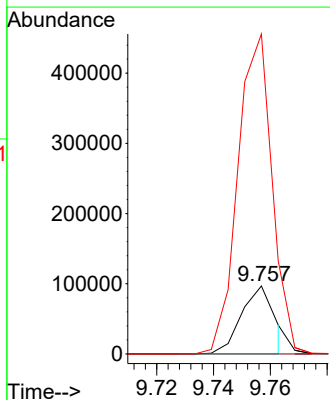
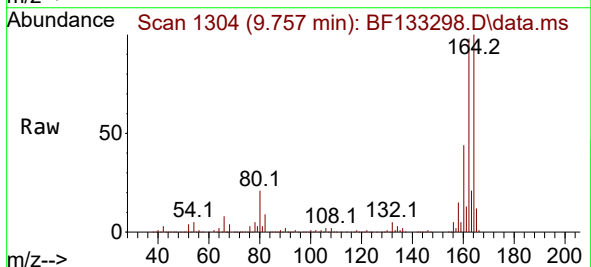
Instrument :
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DGA-CRUSHED-STONE

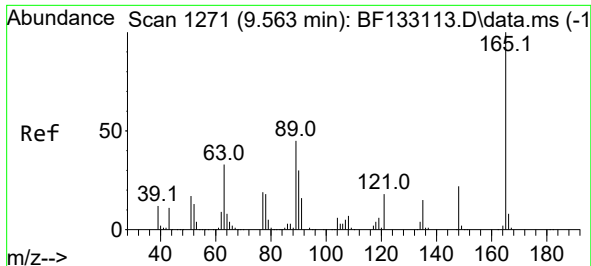
Tgt Ion:172 Resp: 1459946
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.1 19.4 29.2



#50
Dimethylphthalate
Concen: 2.918 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:163 Resp: 78109
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 471.0 8.5 12.7#

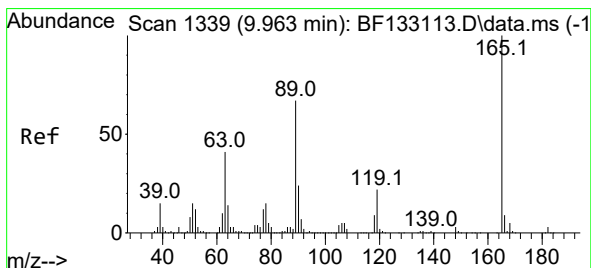
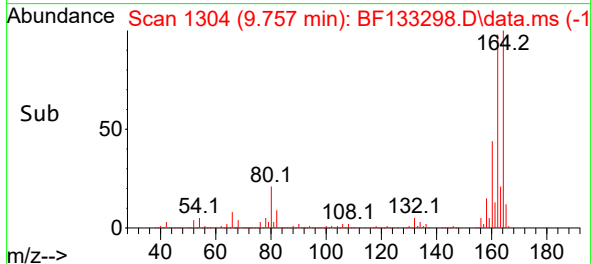
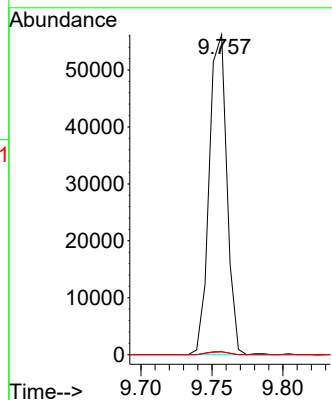
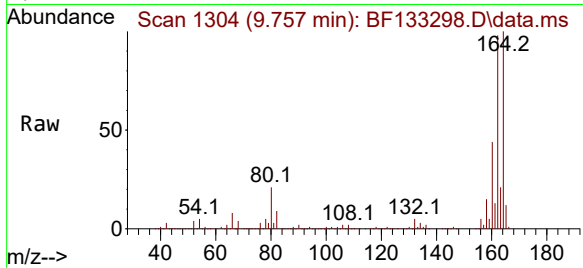




#51
2,6-Dinitrotoluene
Concen: 8.076 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

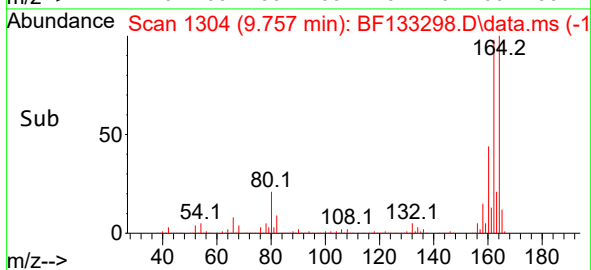
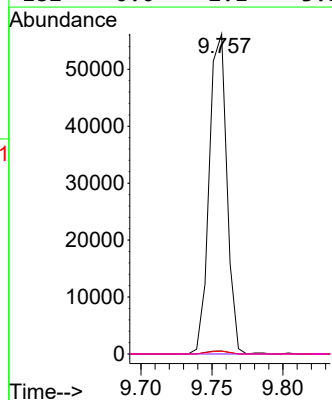
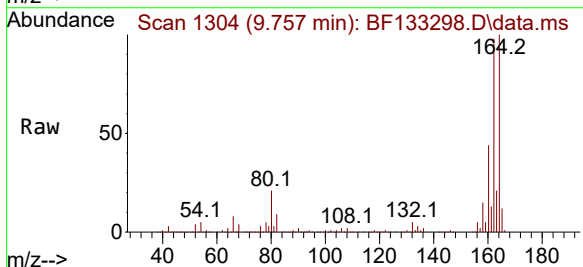
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

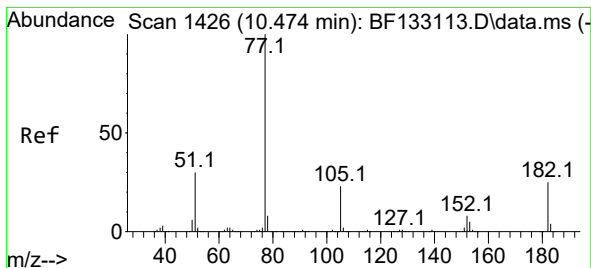
Tgt Ion:165 Resp: 48661
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 0.9 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.333 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:165 Resp: 48661
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.051 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF133298.D

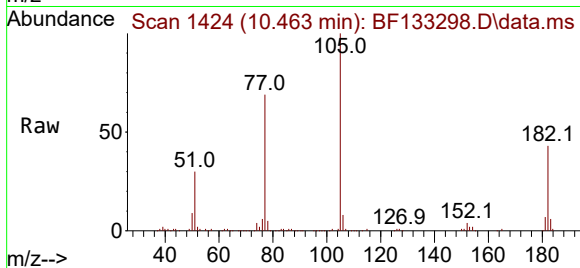
Acq: 08 May 2023 16:57

Instrument :

BNA_F

ClientSampleId :

DGA-CRUSHED-STONE



Tgt Ion: 77 Resp: 54933

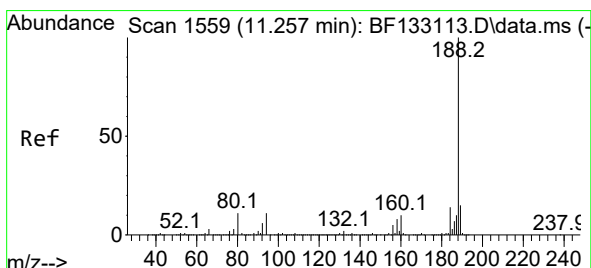
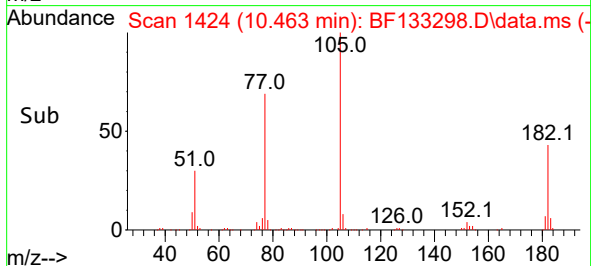
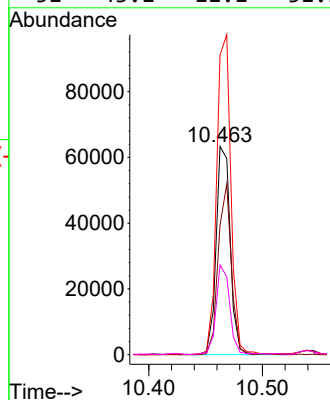
Ion Ratio Lower Upper

77 100

182 62.3 5.9 45.9#

105 143.9 2.3 42.3#

51 43.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133298.D

Acq: 08 May 2023 16:57

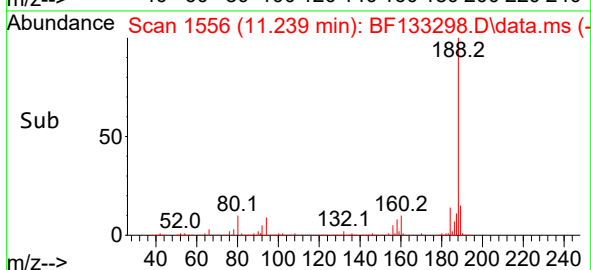
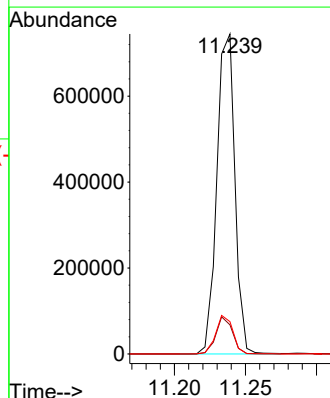
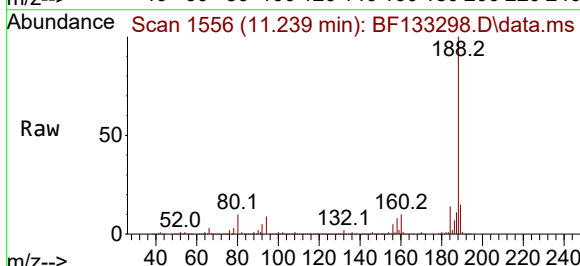
Tgt Ion:188 Resp: 657453

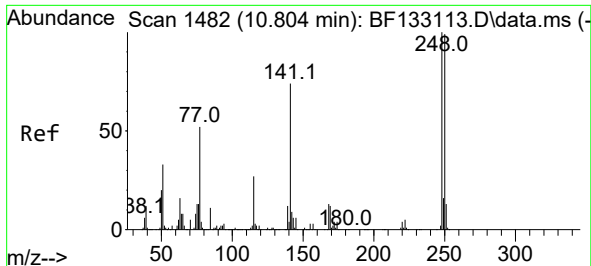
Ion Ratio Lower Upper

188 100

94 9.1 9.7 14.5#

80 10.1 10.4 15.6#

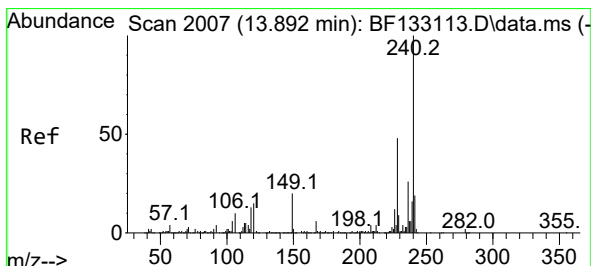
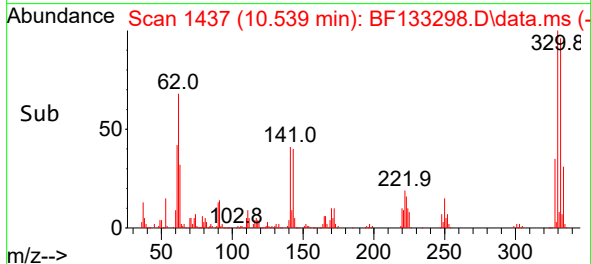
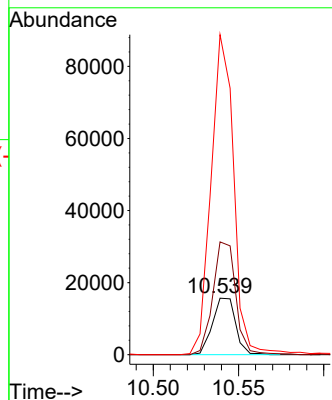
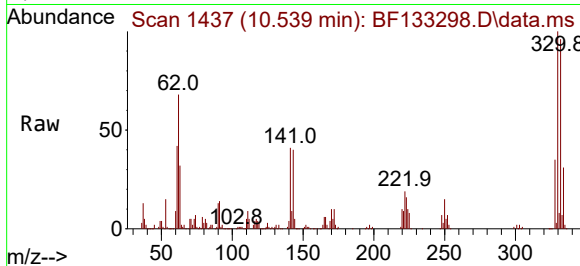




#67
4-Bromophenyl-phenylether
Concen: 2.076 ng
RT: 10.539 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

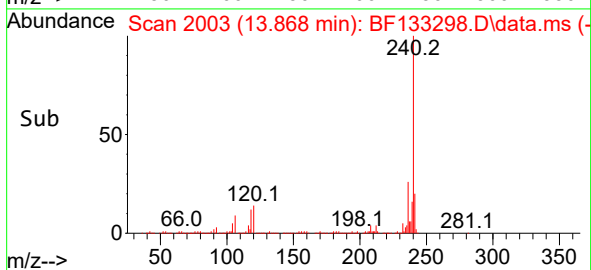
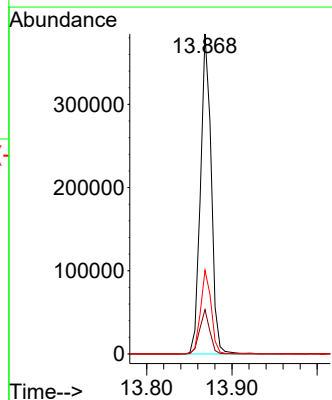
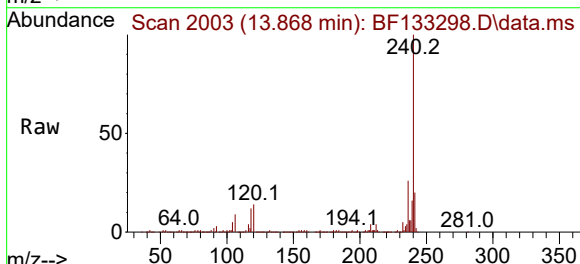
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

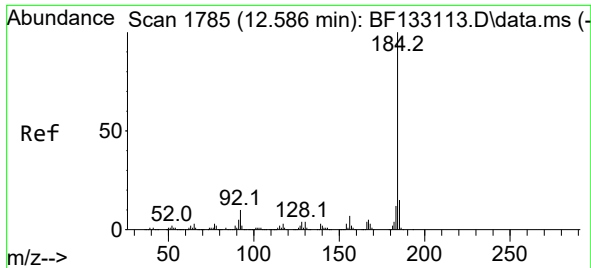
Tgt Ion:248 Resp: 14805
Ion Ratio Lower Upper
248 100
250 199.8 78.7 118.1#
141 566.6 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:240 Resp: 336697
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 26.1 21.5 32.3

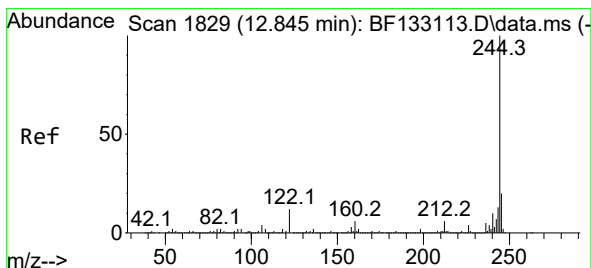
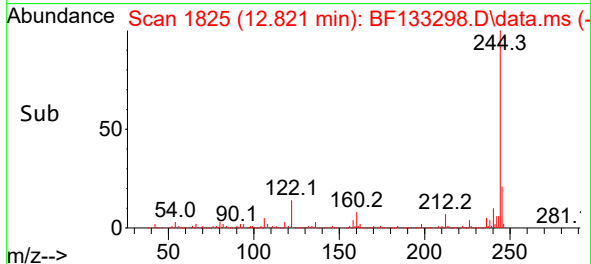
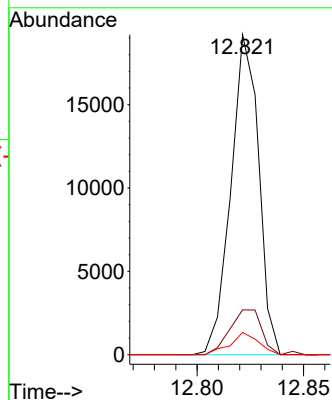
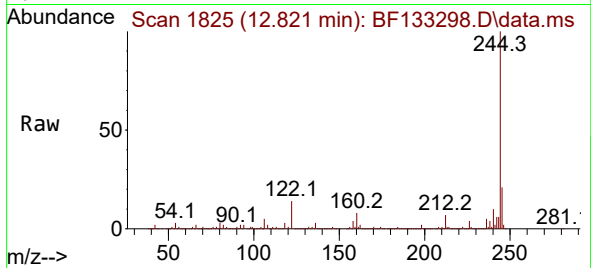




#77
Benzidine
Concen: 3.062 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

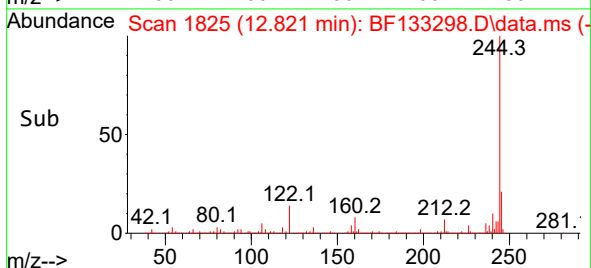
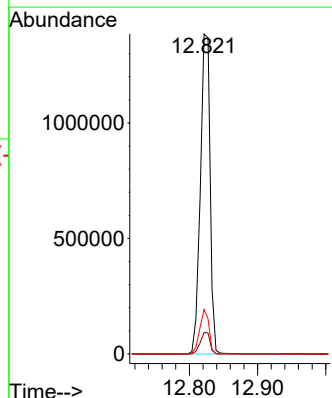
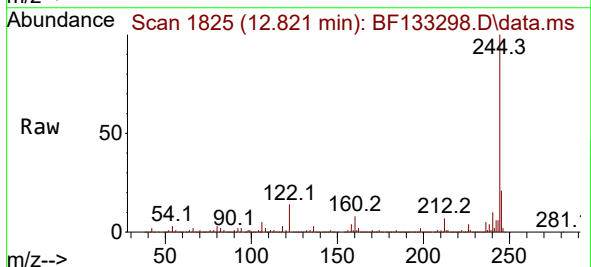
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

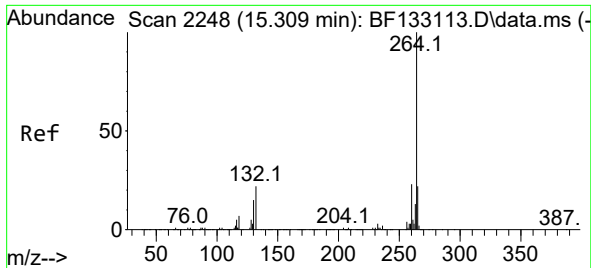
Tgt Ion:184 Resp: 17436
Ion Ratio Lower Upper
184 100
185 14.0 15.4 23.2#
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.418 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

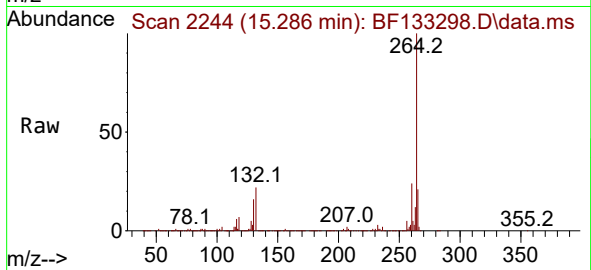
Tgt Ion:244 Resp: 1374726
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.9 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE



Tgt Ion:264 Resp: 355198
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.3 17.0 25.4

