

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125192.D
 Acq On : 24 Aug 2021 18:57
 Operator : JU/CG
 Sample : M3505-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-CUTTING

Quant Time: Aug 25 04:36:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

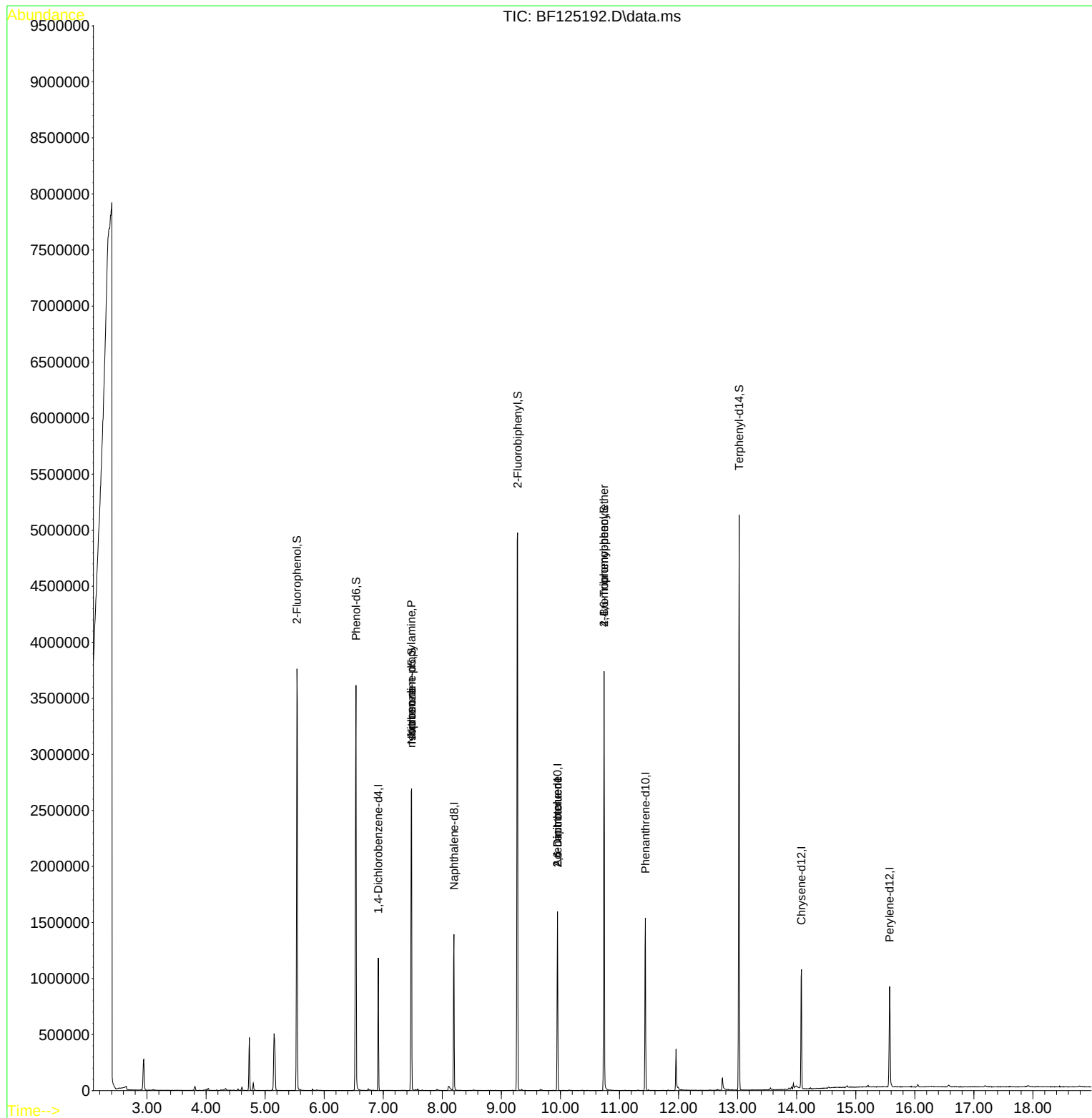
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	148980	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	572793	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	312809	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	544001	20.000	ng	0.00
76) Chrysene-d12	14.080	240	375028	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	397140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1019425	103.571	ng	0.01
7) Phenol-d6	6.539	99	1174727	92.281	ng	0.00
23) Nitrobenzene-d5	7.481	82	925046	81.304	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	452363	144.871	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1665939	74.226	ng	0.00
79) Terphenyl-d14	13.027	244	1809184	76.853	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	128285	16.754	ng	# 59
25) Isophorone	7.481	82	925037	42.145	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	39668	8.439	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	39668	6.973	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	26449	4.049	ng	# 1

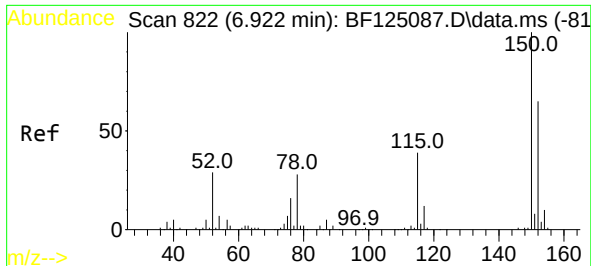
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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Quant Time: Aug 25 04:36:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

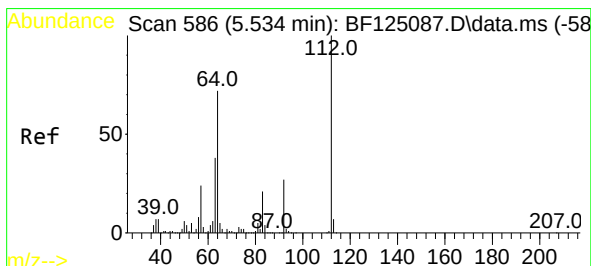
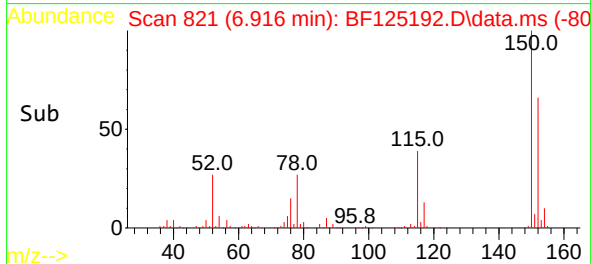
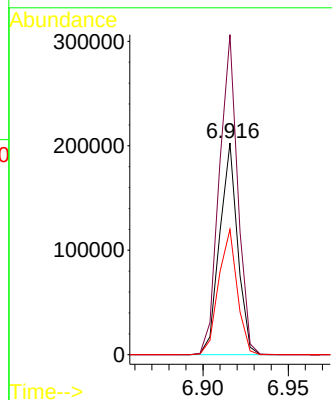
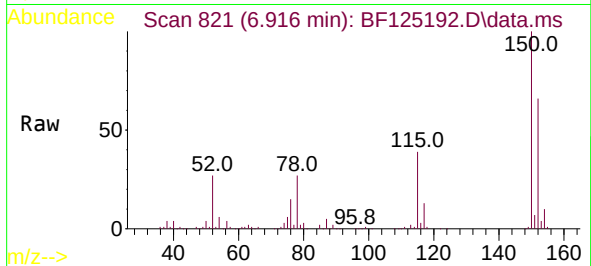




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

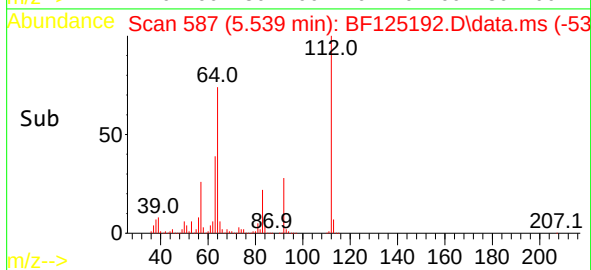
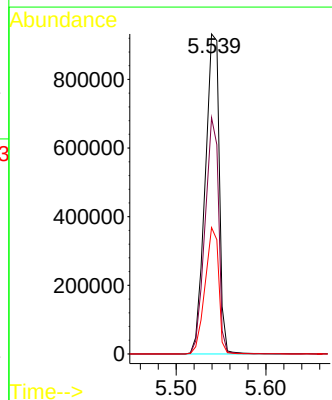
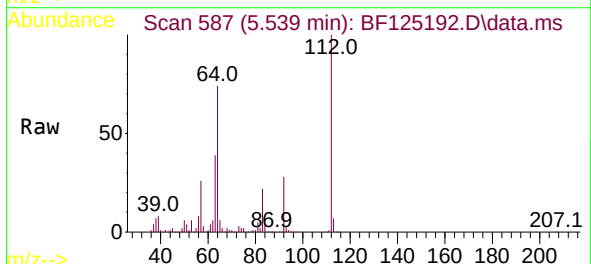
Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTING

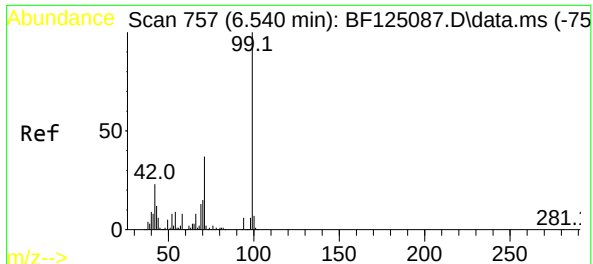
Tgt Ion:152 Resp: 148980
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 103.571 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion:112 Resp: 1019425
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 39.5 26.2 39.2#

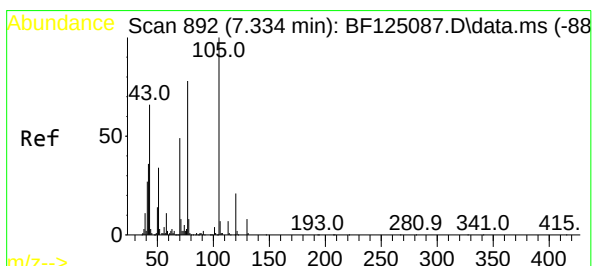
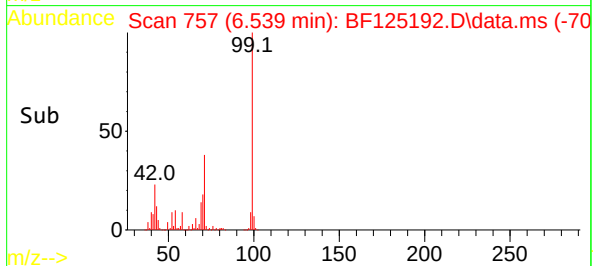
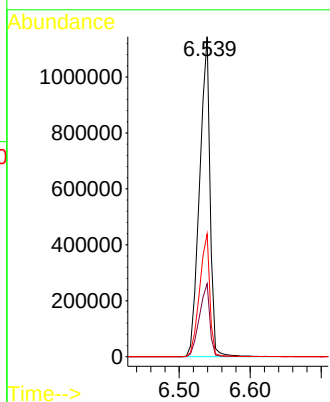
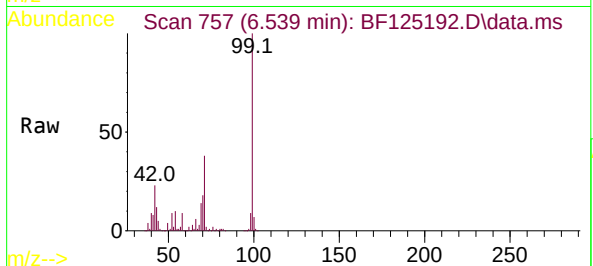




#7
Phenol-d6
Concen: 92.281 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

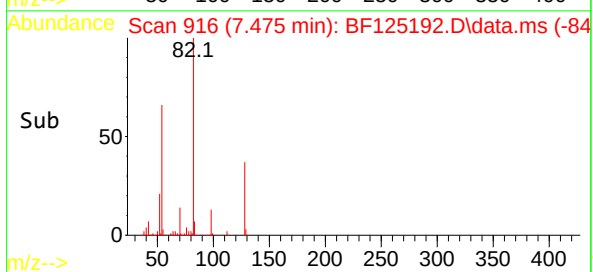
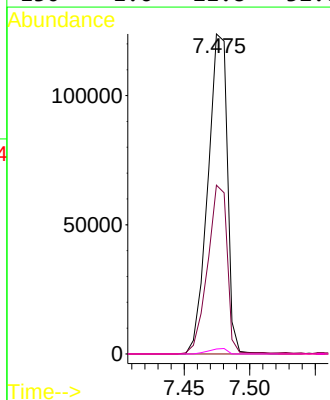
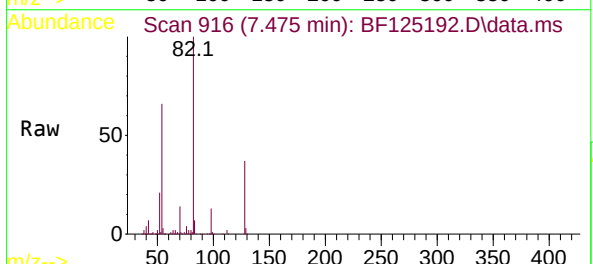
Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTING

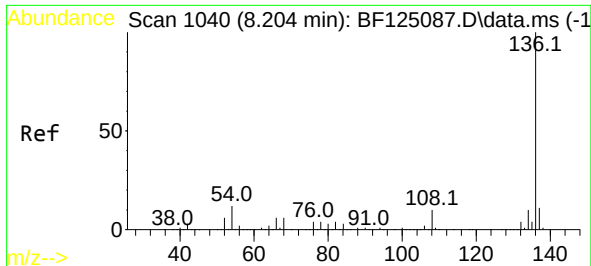
Tgt Ion: 99 Resp: 1174727
Ion Ratio Lower Upper
99 100
42 22.8 23.5 35.3#
71 38.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.754 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion: 70 Resp: 128285
Ion Ratio Lower Upper
70 100
42 52.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

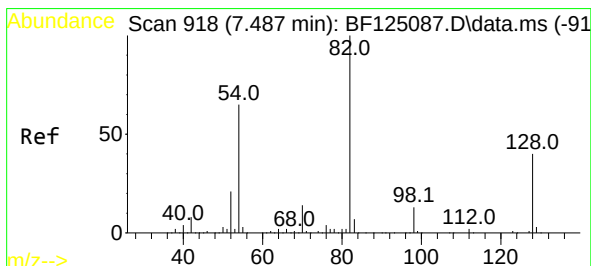
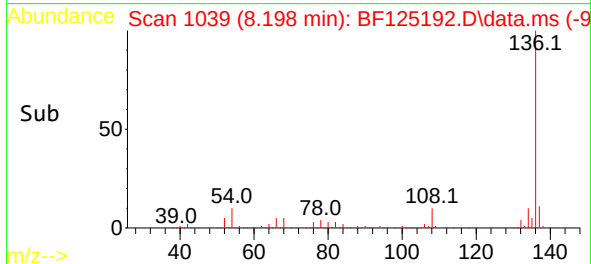
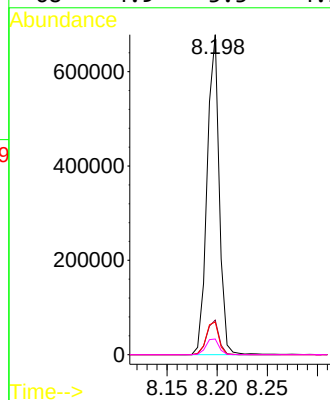
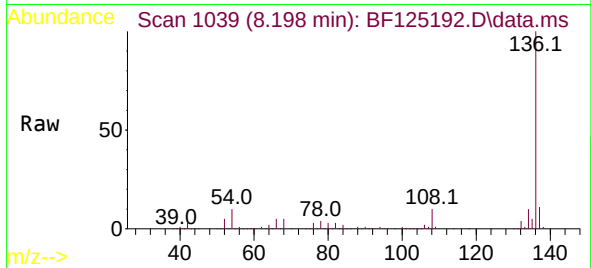




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

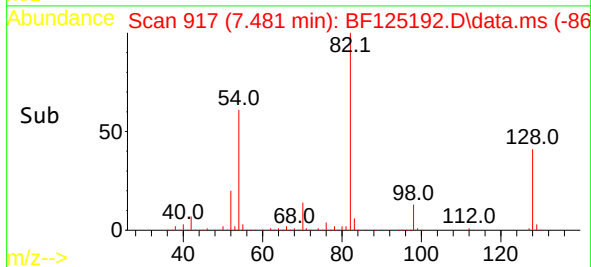
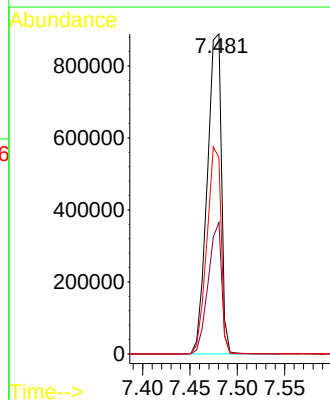
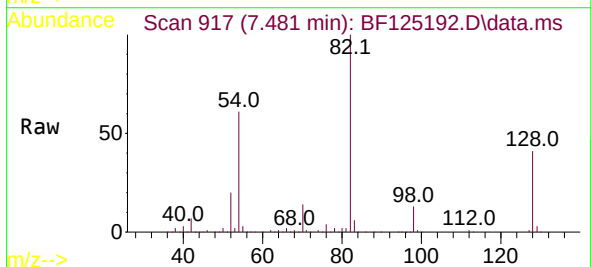
Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTING

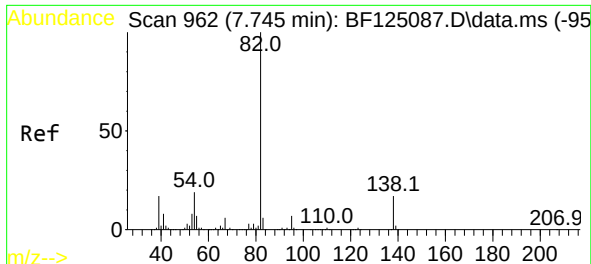
Tgt Ion:136	Resp: 572793
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 10.2	6.4 9.6#
68 4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 81.304 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

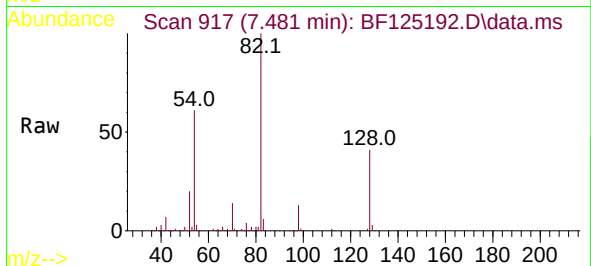
Tgt Ion: 82	Resp: 925046
Ion Ratio	Lower Upper
82 100	
128 41.1	40.6 60.8
54 61.4	49.6 74.4



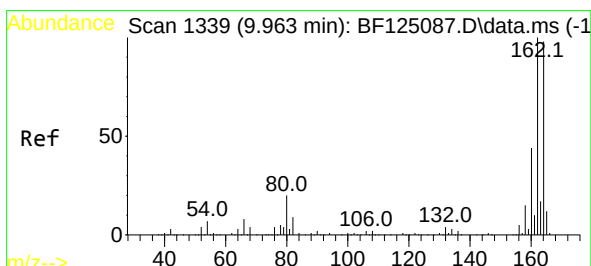
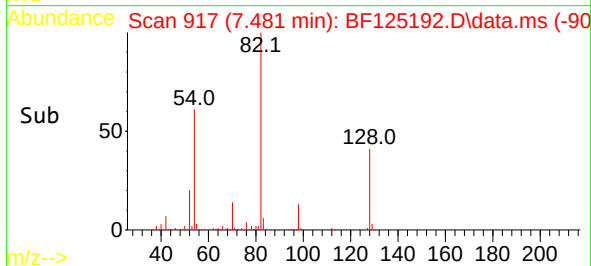
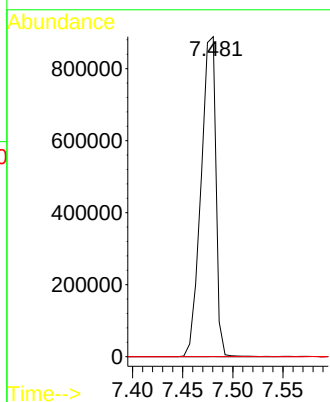


#25
Isophorone
Concen: 42.145 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.253 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTING

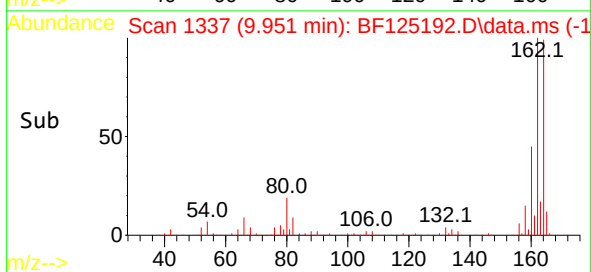
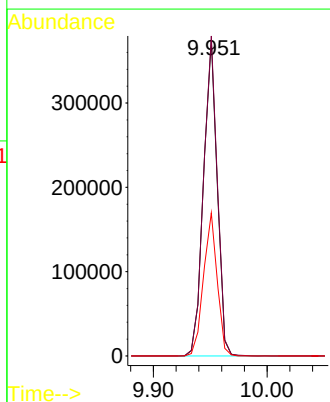
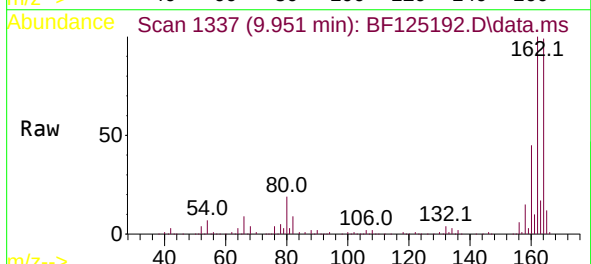


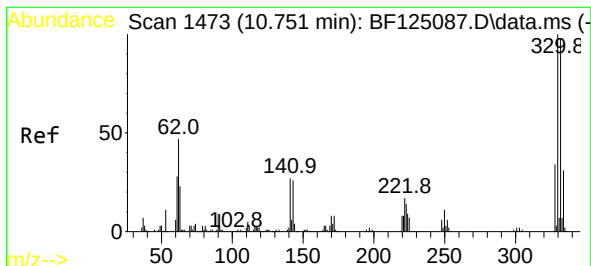
Tgt Ion: 82 Resp: 925037
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion: 164 Resp: 312809
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.3 38.0 57.0

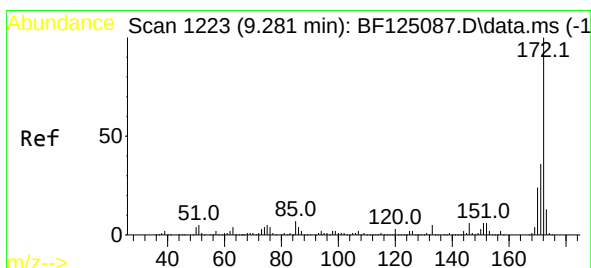
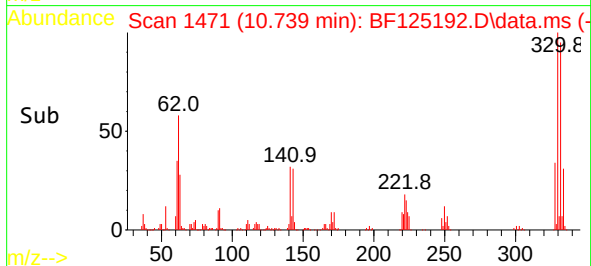
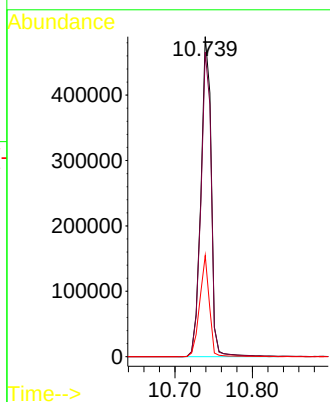
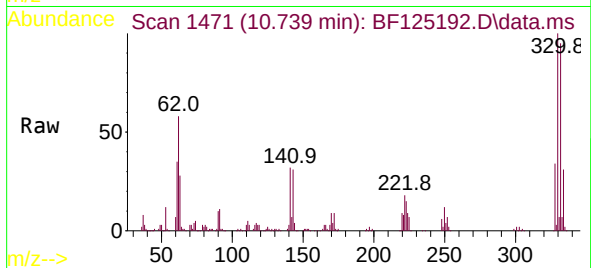




#42
2,4,6-Tribromophenol
Concen: 144.871 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

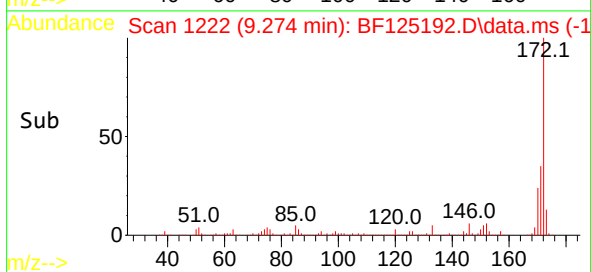
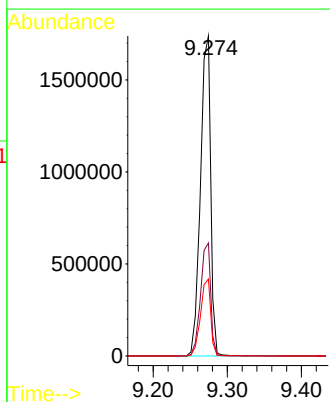
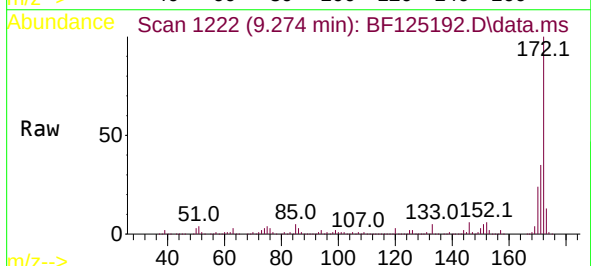
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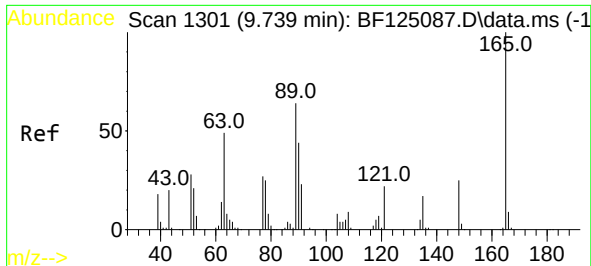
Tgt Ion:330 Resp: 452363
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 29.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.226 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion:172 Resp: 1665939
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.1 18.8 28.2

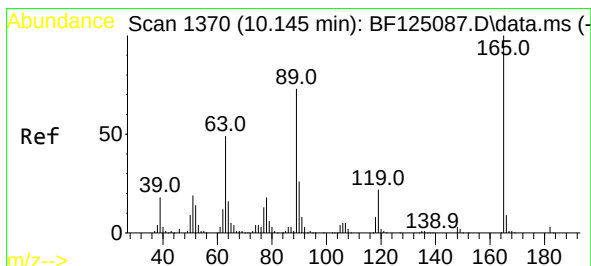
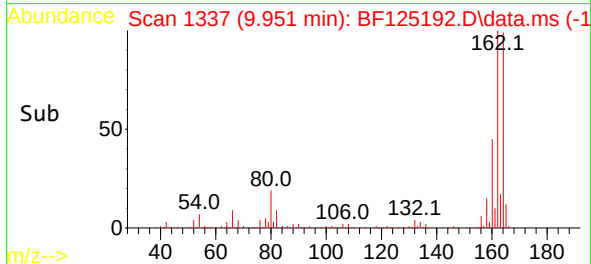
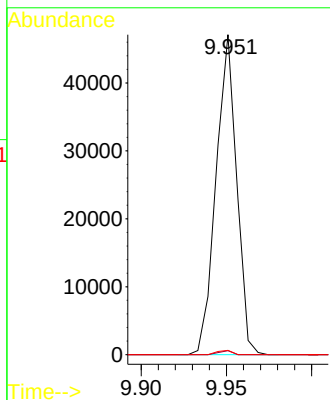
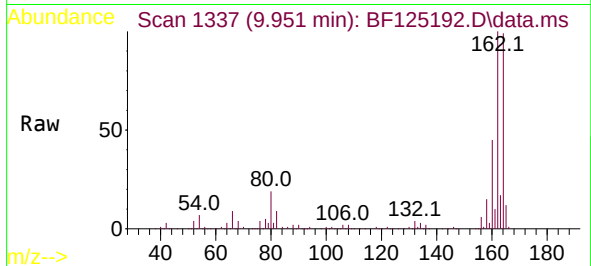




#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

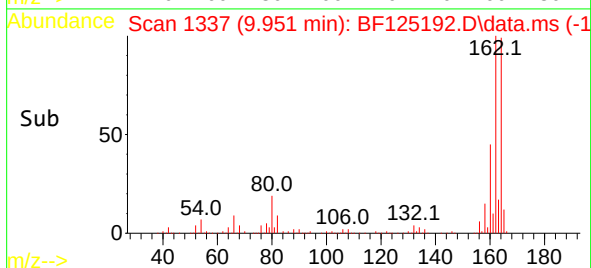
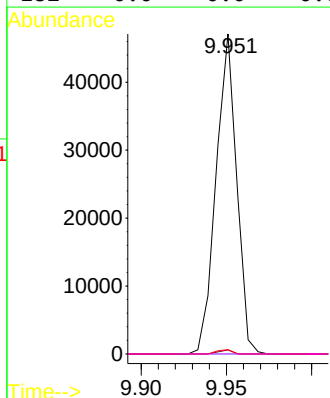
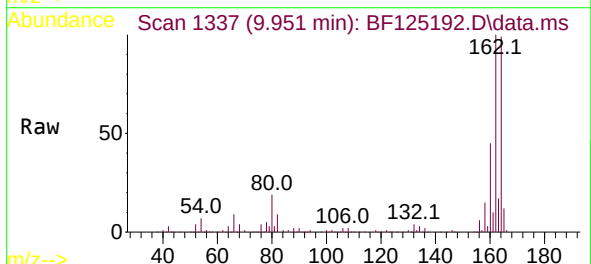
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BNA_F
ClientSampleId :
DRILL-CUTTING

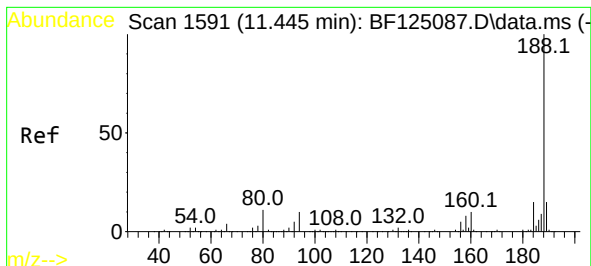
Tgt Ion:165 Resp: 39668
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.973 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion:165 Resp: 39668
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

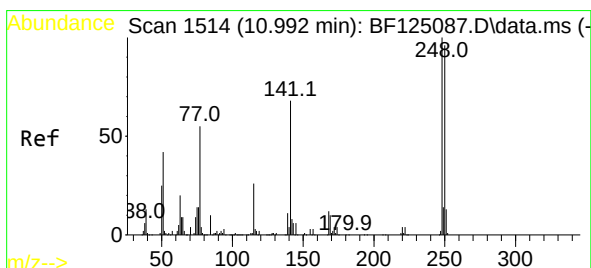
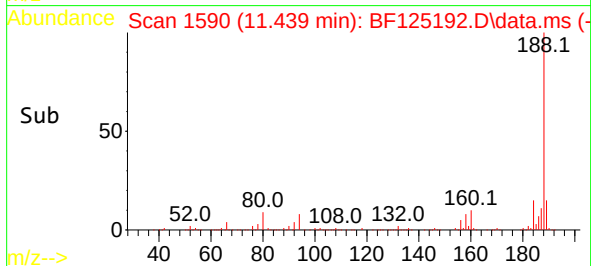
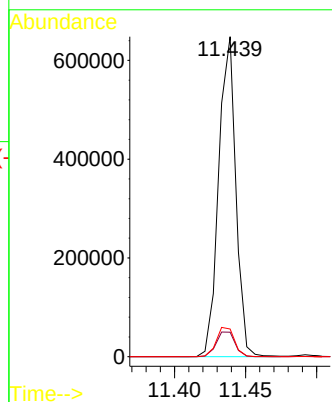
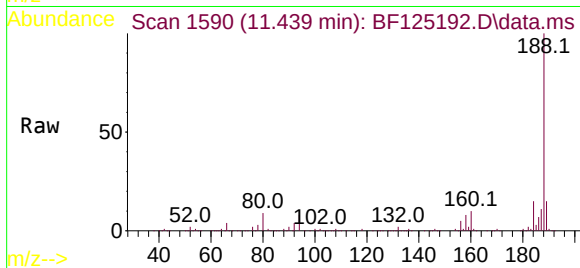




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

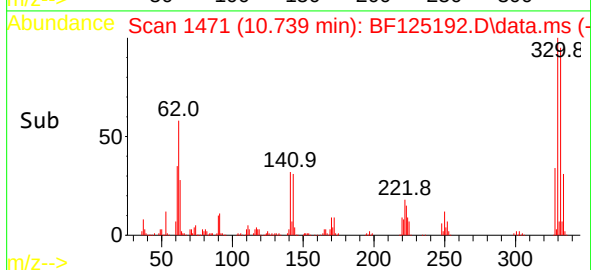
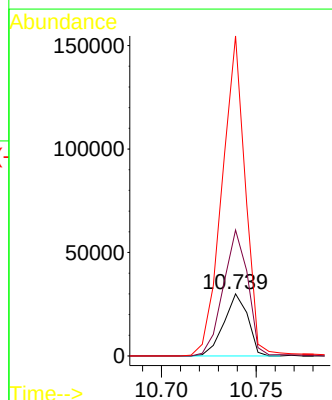
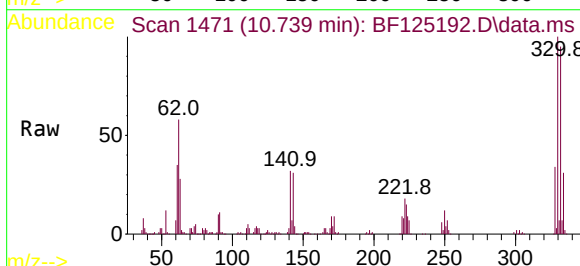
Instrument :
BNA_F
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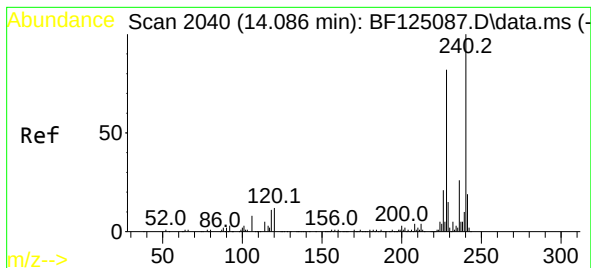
Tgt Ion:188 Resp: 544001
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion:248 Resp: 26449
Ion Ratio Lower Upper
248 100
250 202.7 74.2 111.4#
141 515.1 60.4 90.6#

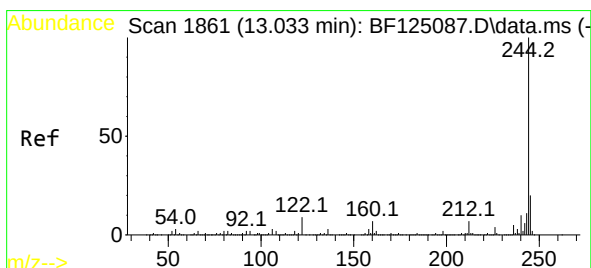
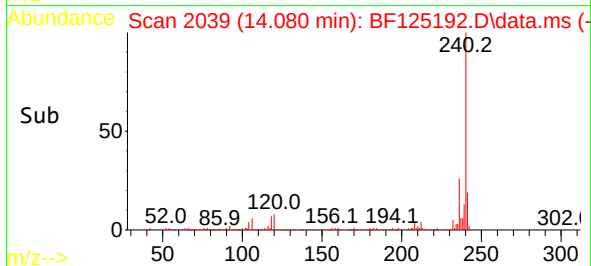
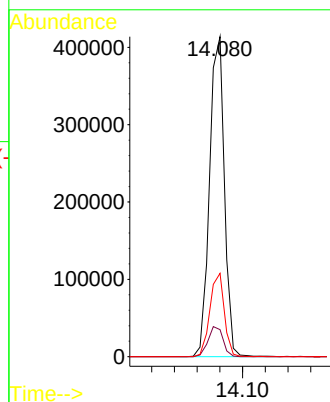
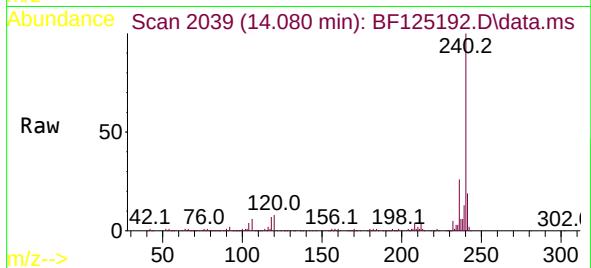




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

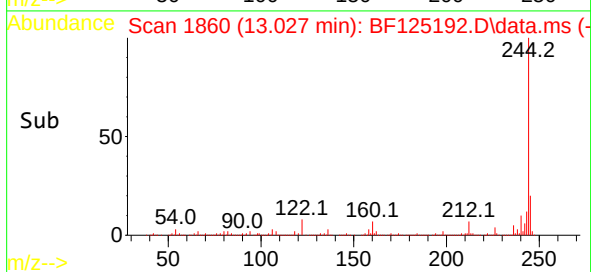
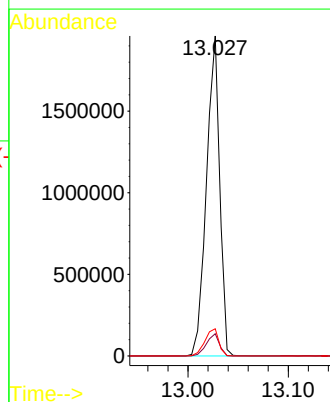
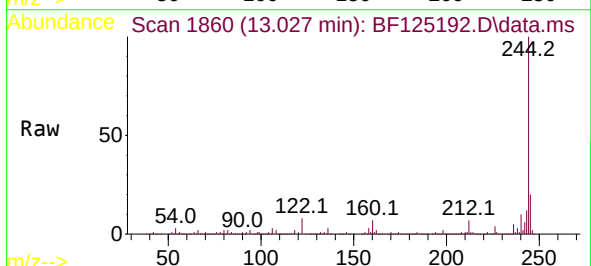
Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTING

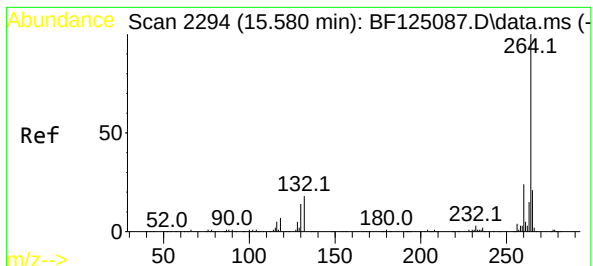
Tgt Ion:240 Resp: 375028
Ion Ratio Lower Upper
240 100
120 8.5 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 76.853 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Tgt Ion:244 Resp: 1809184
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.5 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BF125192.D
Acq: 24 Aug 2021 18:57

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTING

Tgt Ion:264 Resp: 397140
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.7 17.2 25.8

