

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125281.D
 Acq On : 31 Aug 2021 9:43
 Operator : JU/CG
 Sample : PB138819BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138819BL

Quant Time: Aug 31 10:39:26 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)

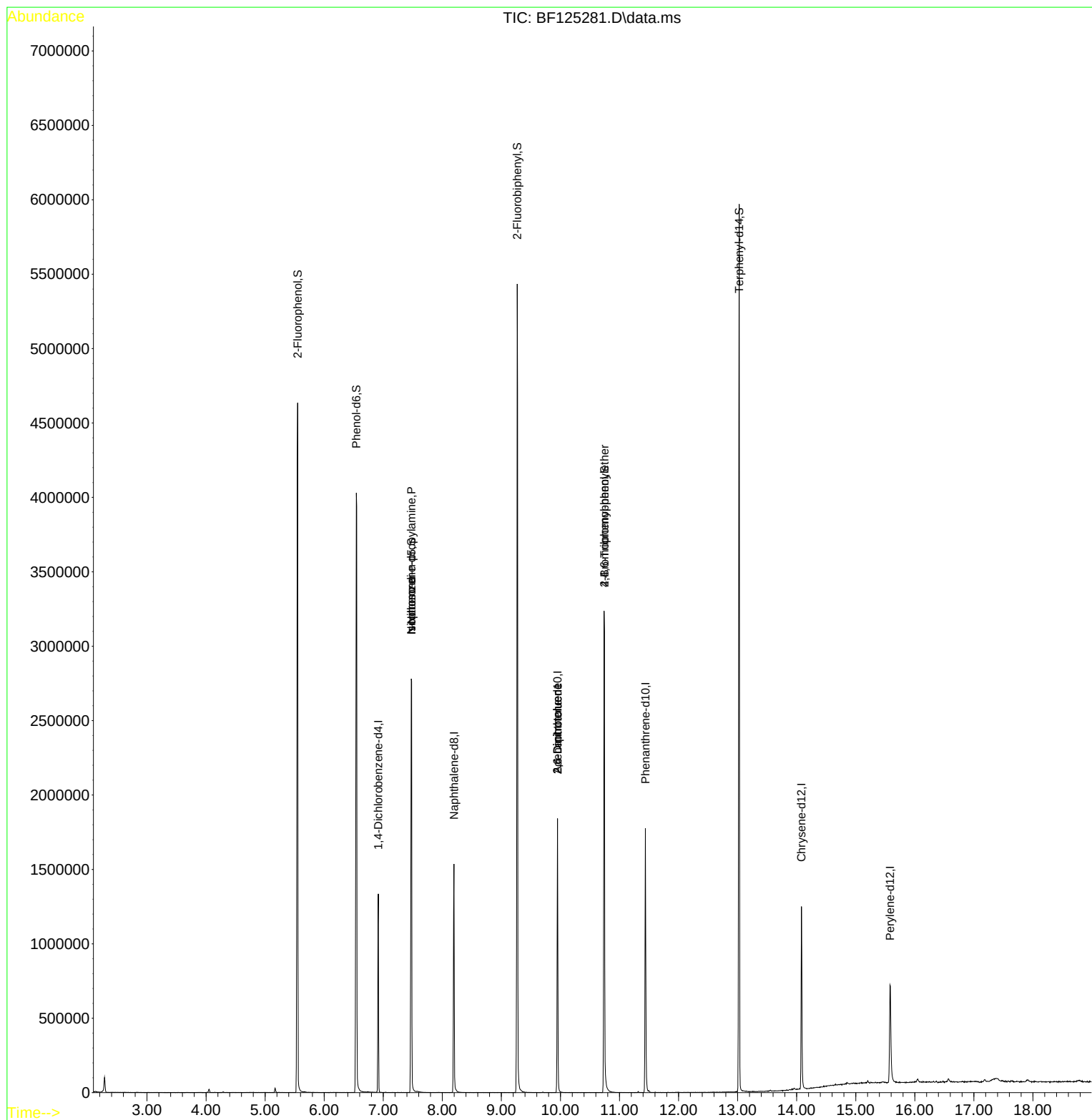
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	186839	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	718069	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	382407	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	680368	20.000	ng	0.00
76) Chrysene-d12	14.080	240	469201	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	399602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1298074	105.158	ng	0.02
7) Phenol-d6	6.545	99	1614608	101.136	ng	0.00
23) Nitrobenzene-d5	7.475	82	1062166	74.469	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	486546	127.459	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1889159	68.853	ng	0.00
79) Terphenyl-d14	13.027	244	2103991	71.437	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	144309	15.028	ng	# 57
25) Isophorone	7.475	82	1062153	38.602	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	49450	8.606	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	49450	7.110	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	28814	3.527	ng	# 1

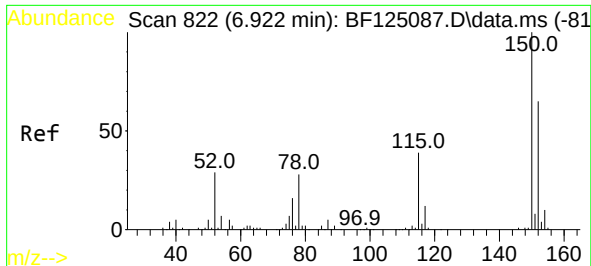
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

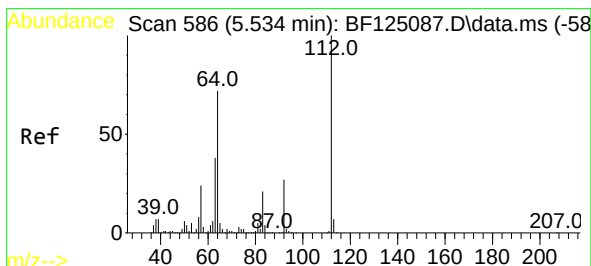
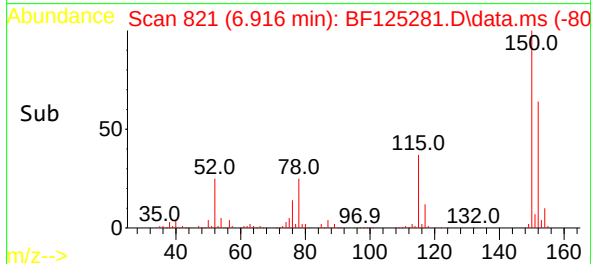
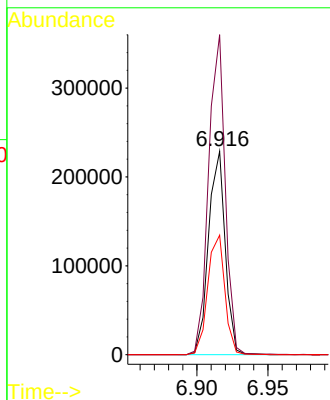
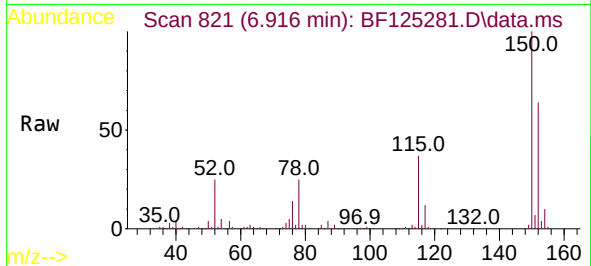




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

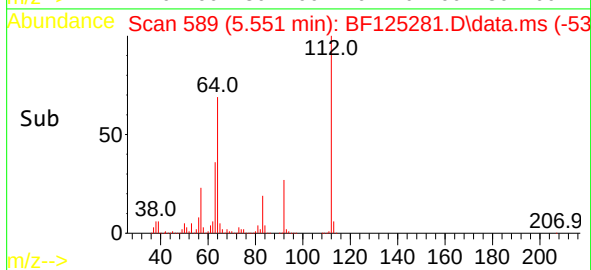
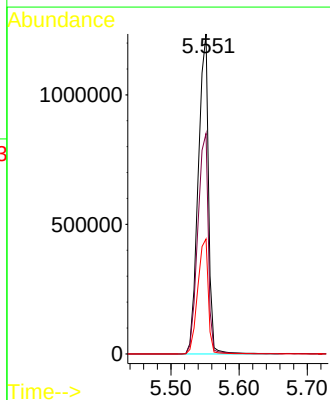
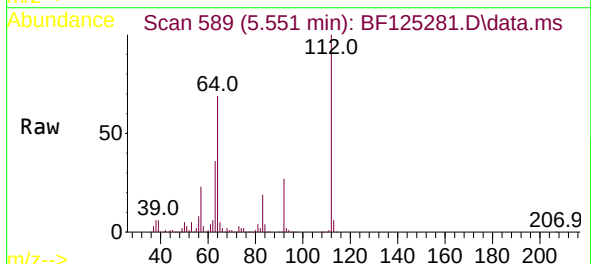
Instrument :
BNA_F
ClientSampleId :
PB138819BL

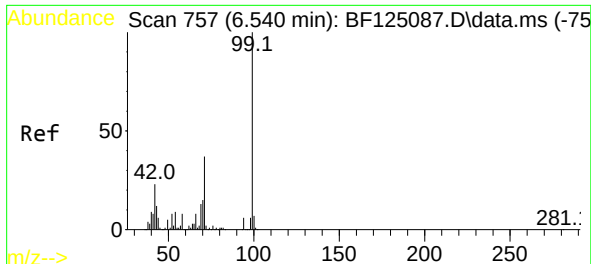
Tgt Ion:152 Resp: 186839
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 105.158 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion:112 Resp: 1298074
Ion Ratio Lower Upper
112 100
64 68.9 44.2 66.2#
63 36.0 26.2 39.2

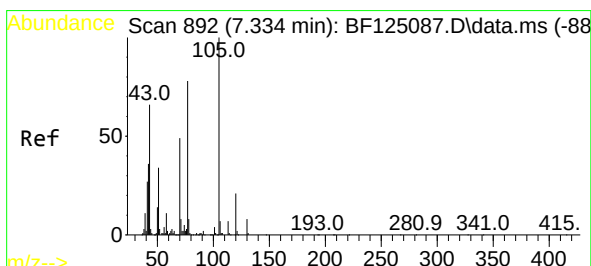
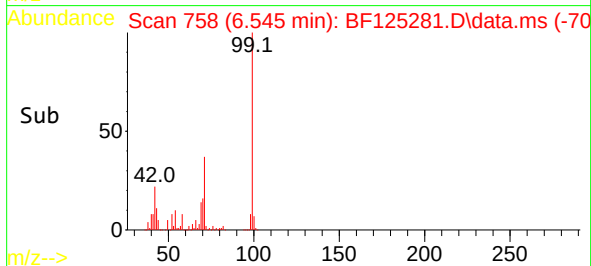
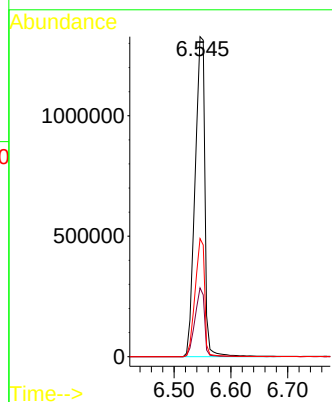
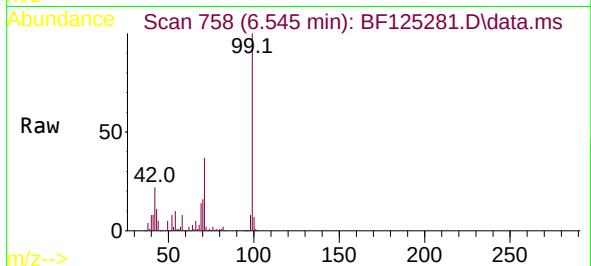




#7
Phenol-d6
Concen: 101.136 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

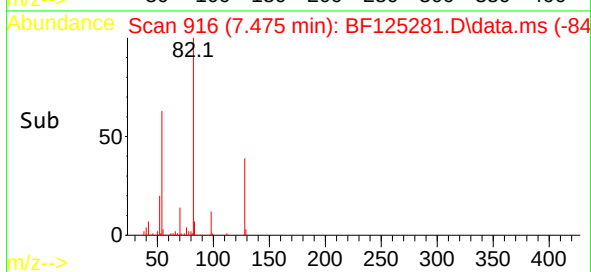
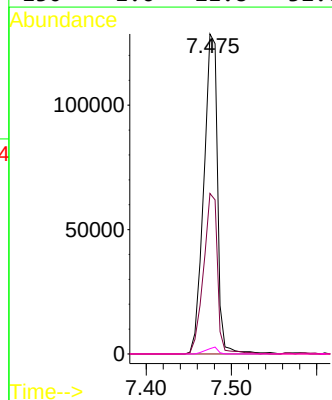
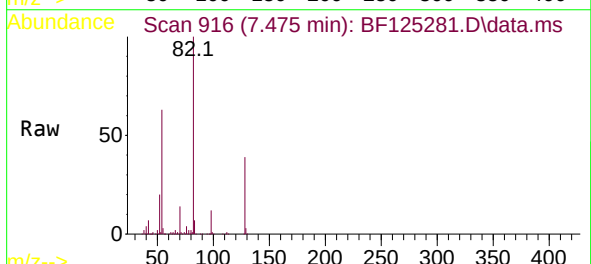
Instrument :
BNA_F
ClientSampleId :
PB138819BL

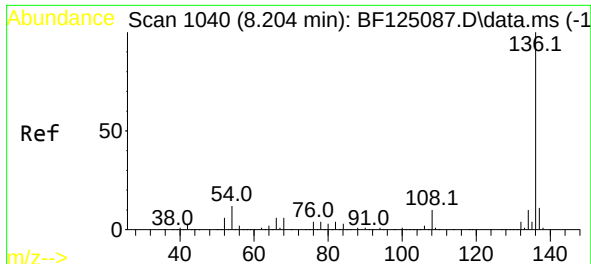
Tgt Ion: 99 Resp: 1614608
Ion Ratio Lower Upper
99 100
42 21.5 23.5 35.3#
71 36.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.028 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion: 70 Resp: 144309
Ion Ratio Lower Upper
70 100
42 50.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

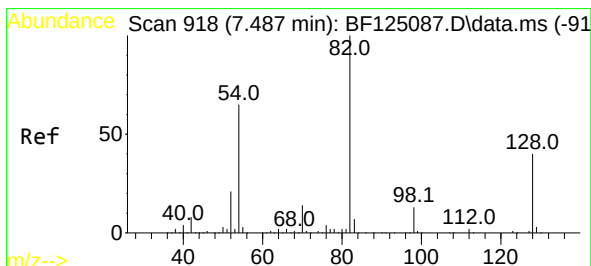
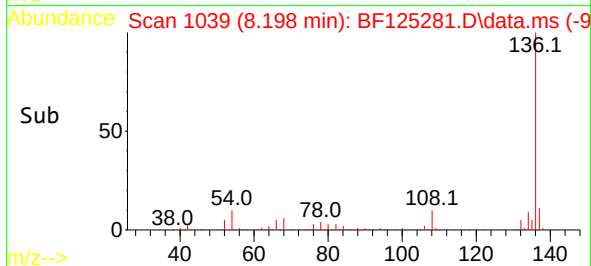
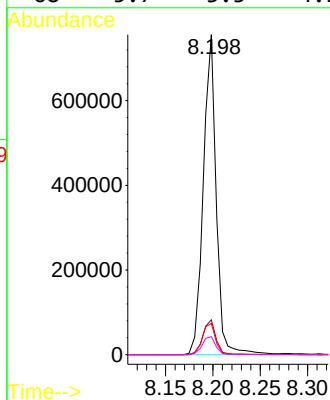
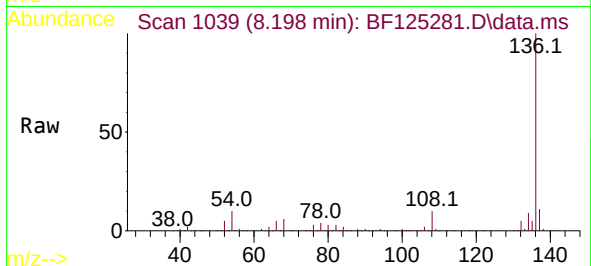




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

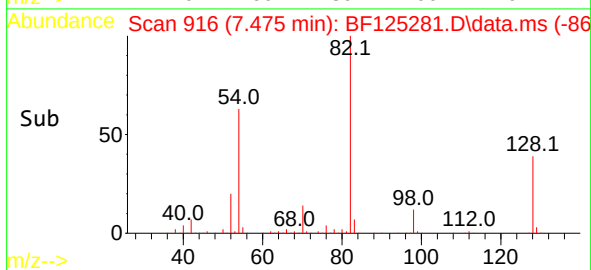
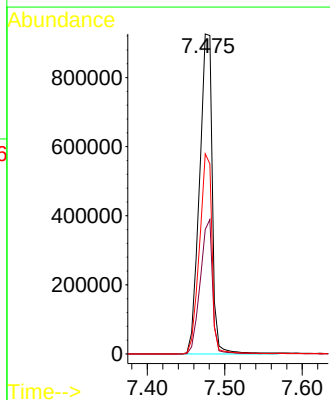
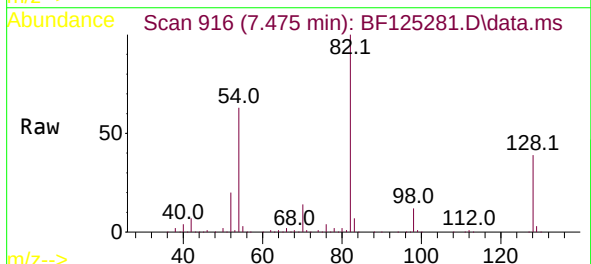
Instrument :
BNA_F
ClientSampleId :
PB138819BL

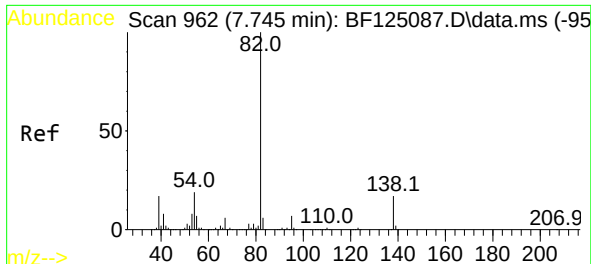
Tgt Ion:	136	Resp:	718069
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.8	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 74.469 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

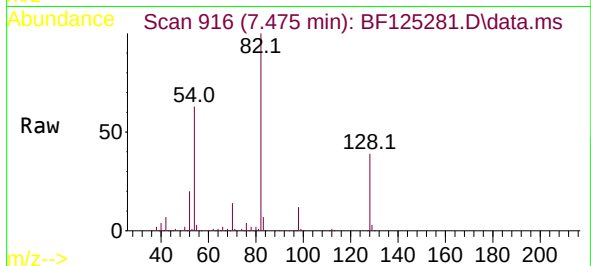
Tgt Ion:	82	Resp:	1062166
Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	60.8#
54	62.6	49.6	74.4



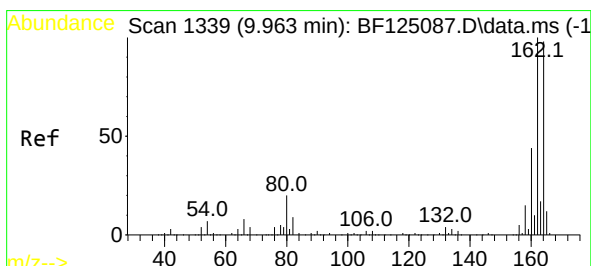
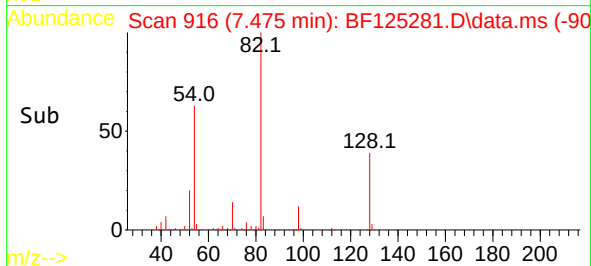
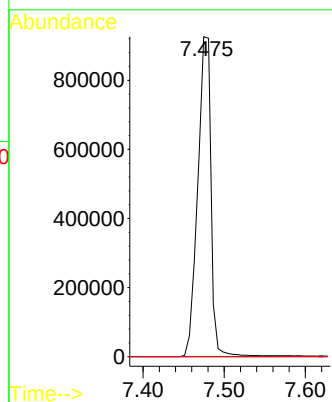


#25
Isophorone
Concen: 38.602 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Instrument :
BNA_F
ClientSampleId :
PB138819BL

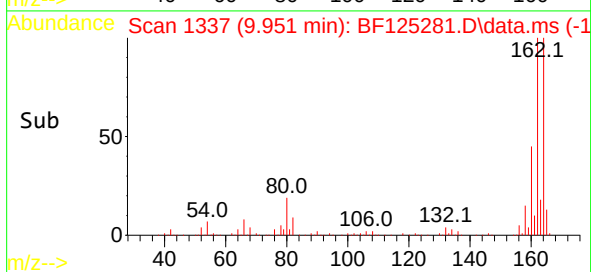
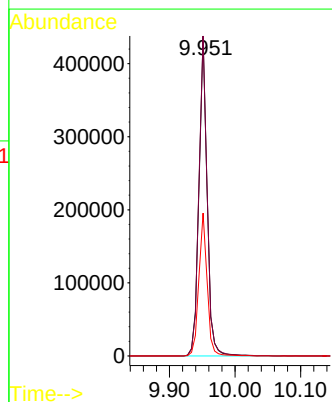
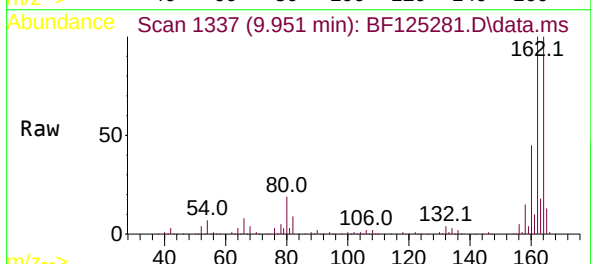


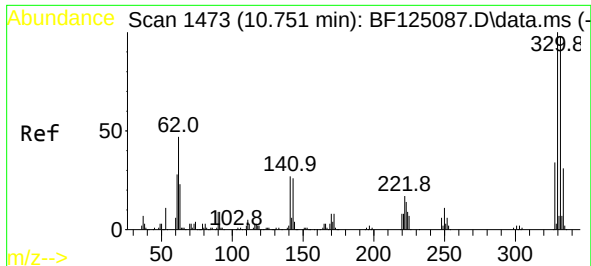
Tgt Ion: 82 Resp: 1062153
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion: 164 Resp: 382407
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.7 38.0 57.0

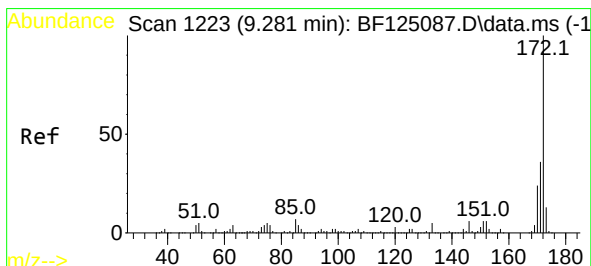
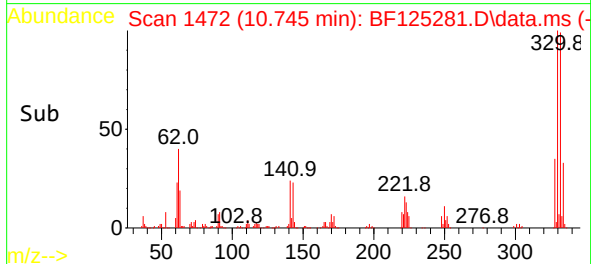
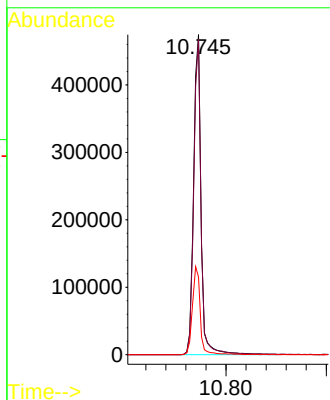
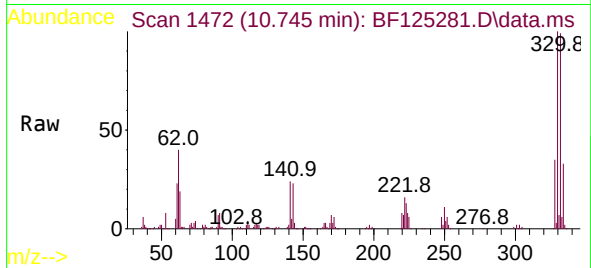




#42
2,4,6-Tribromophenol
Concen: 127.459 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

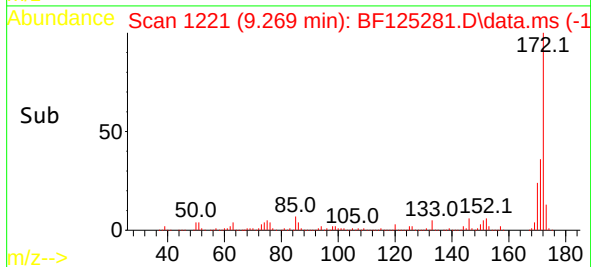
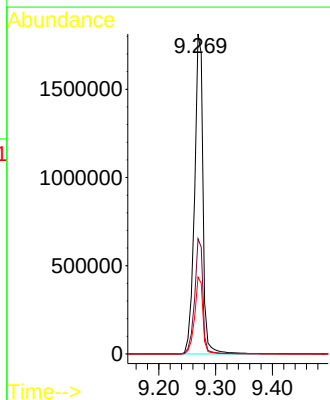
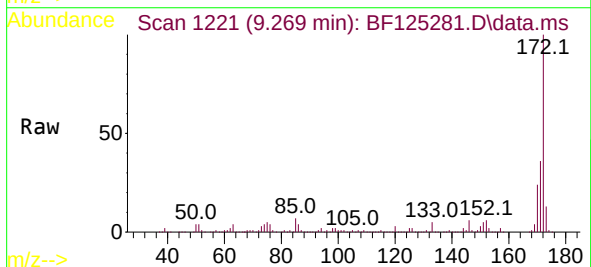
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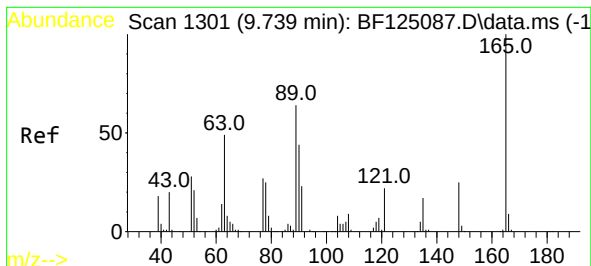
Tgt Ion:330 Resp: 486546
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 28.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.853 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion:172 Resp: 1889159
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2

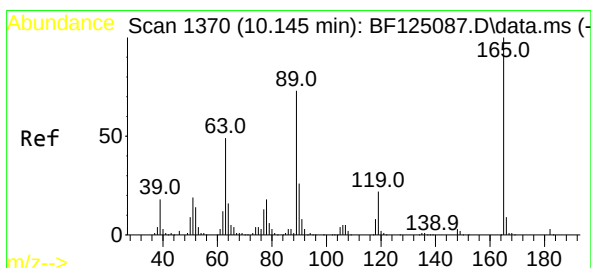
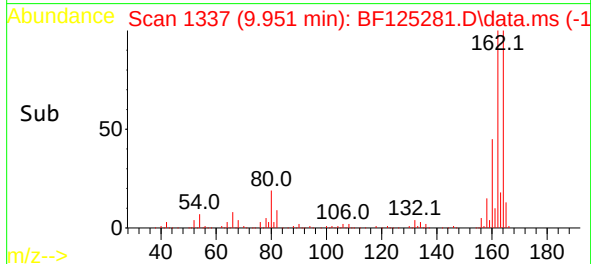
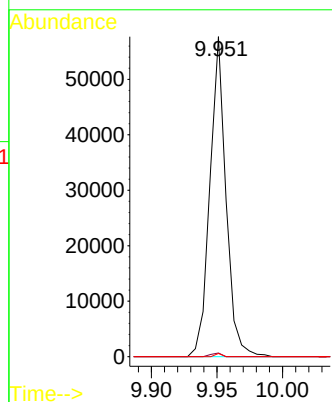
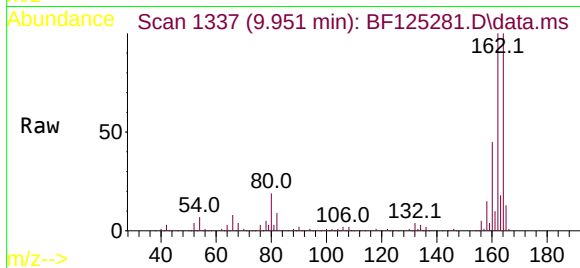




#51
2,6-Dinitrotoluene
Concen: 8.606 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

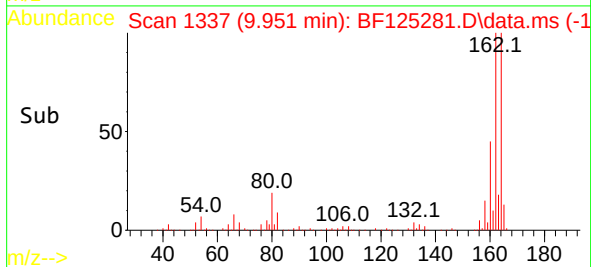
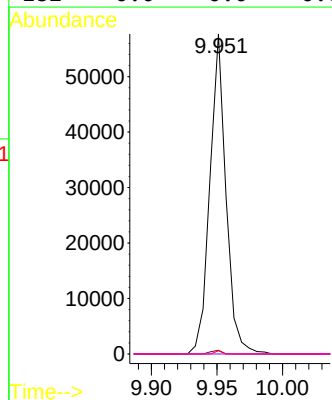
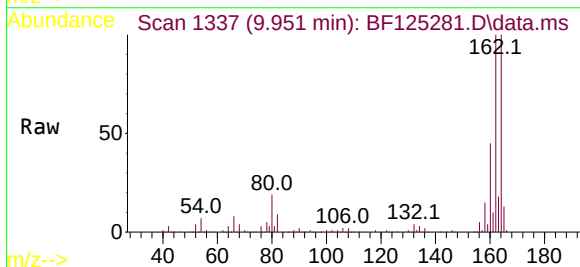
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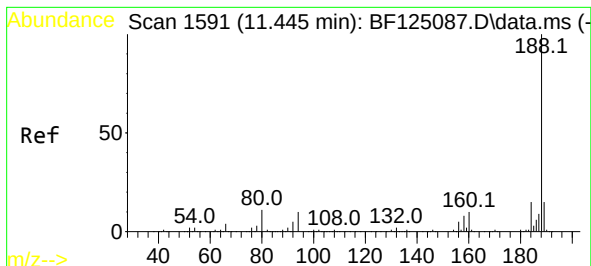
Tgt Ion:165 Resp: 49450
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.110 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion:165 Resp: 49450
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

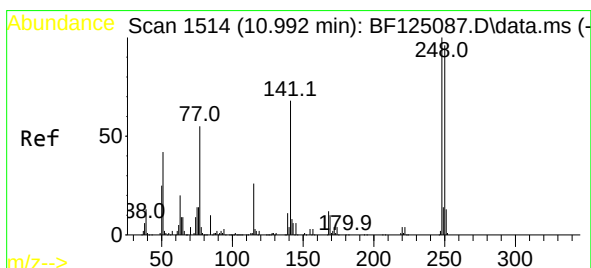
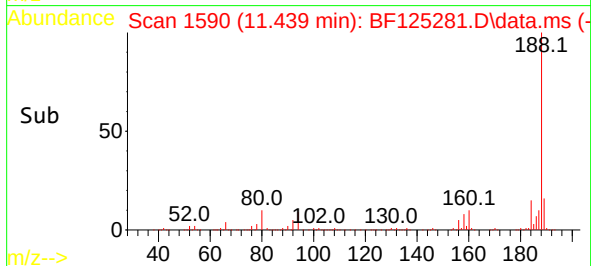
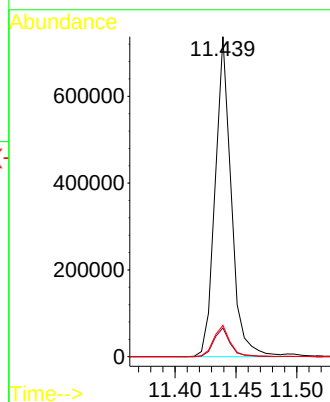
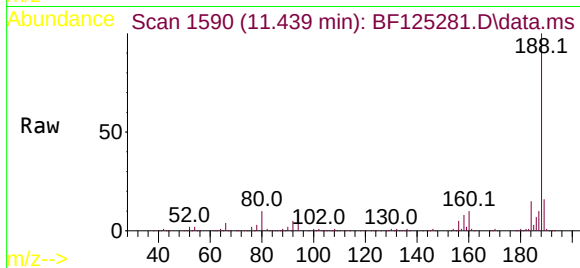




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

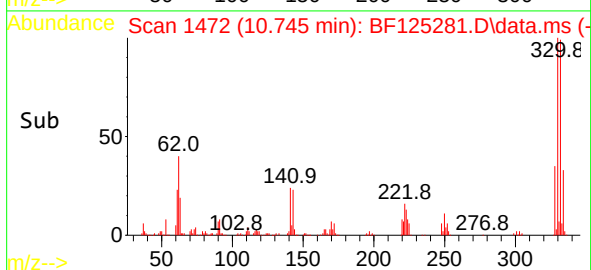
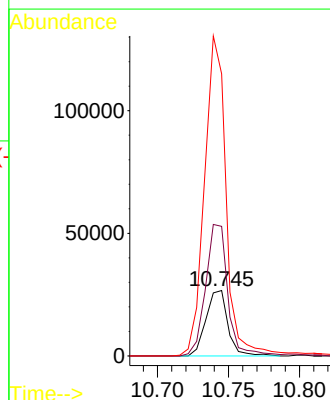
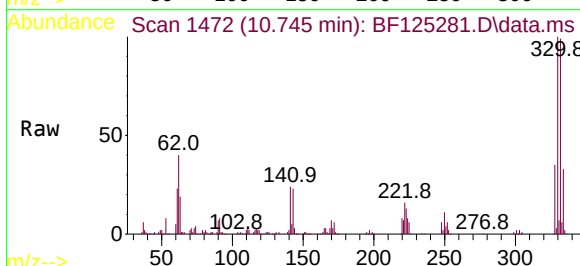
Instrument :
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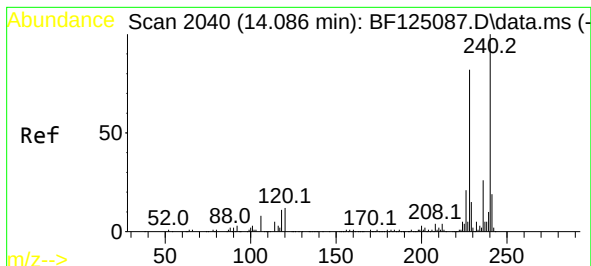
Tgt Ion:188 Resp: 680368
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.235 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion:248 Resp: 28814
Ion Ratio Lower Upper
248 100
250 198.3 74.2 111.4#
141 431.5 60.4 90.6#

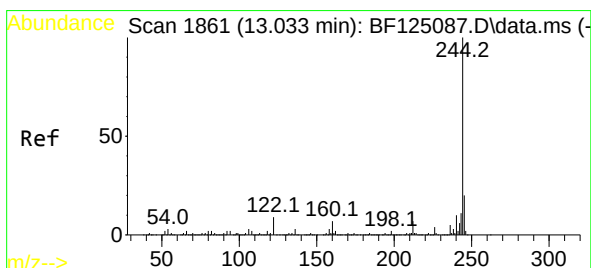
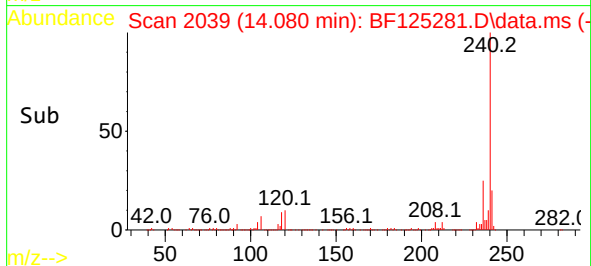
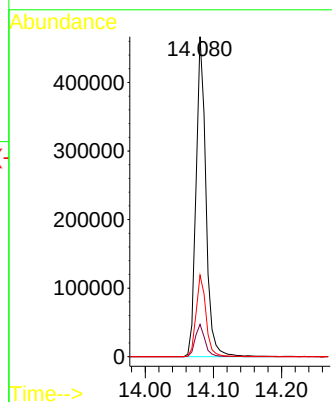
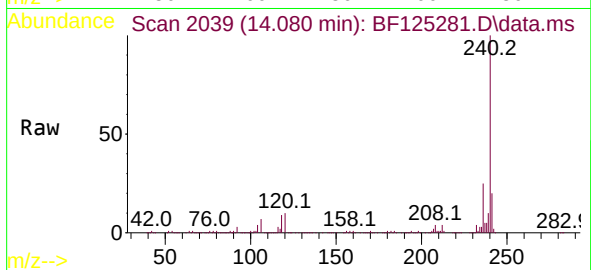




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

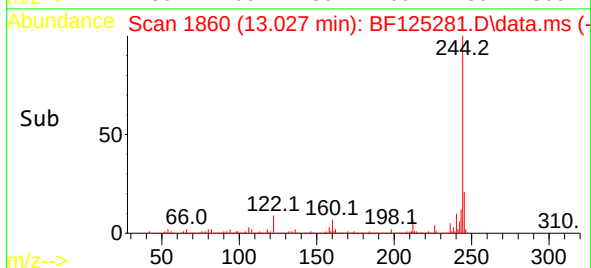
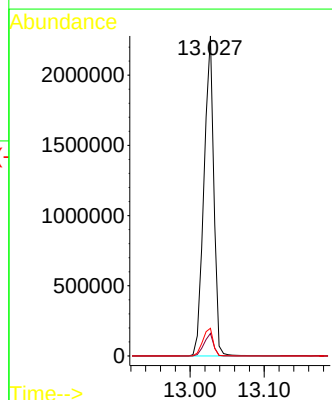
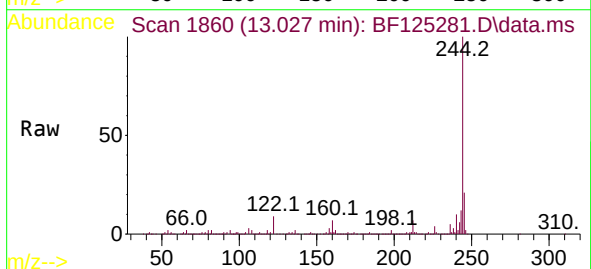
Instrument :
BNA_F
ClientSampleId :
PB138819BL

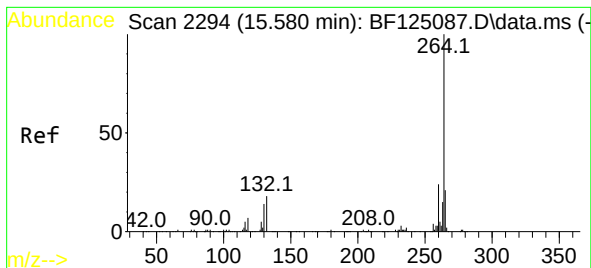
Tgt Ion:240 Resp: 469201
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 71.437 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Tgt Ion:244 Resp: 2103991
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125281.D
Acq: 31 Aug 2021 9:43

Instrument :
BNA_F
ClientSampleId :
PB138819BL

Tgt Ion:264 Resp: 399602
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 20.4 17.2 25.8

