

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125121.D
 Acq On : 19 Aug 2021 18:52
 Operator : JU/CG
 Sample : M3430-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Aug 20 02:53:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

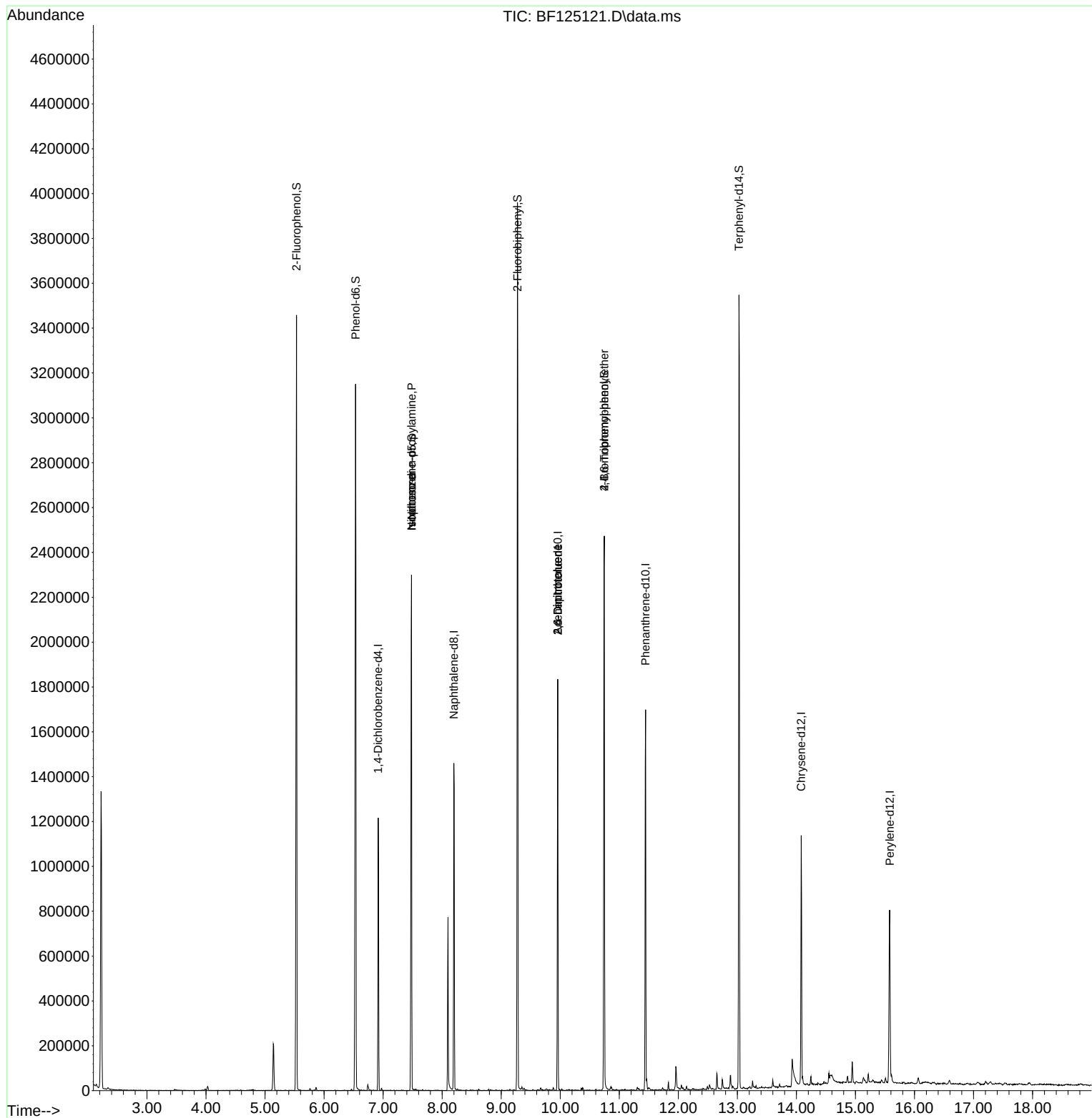
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	160301	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	619920	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	328091	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	602354	20.000	ng	0.00
76) Chrysene-d12	14.080	240	365060	20.000	ng	0.00
86) Perylene-d12	15.580	264	343748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	849676	80.228	ng	0.00
7) Phenol-d6	6.533	99	1082306	79.017	ng	0.00
23) Nitrobenzene-d5	7.480	82	700111	56.856	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	301321	92.004	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1222595	51.936	ng	0.00
79) Terphenyl-d14	13.027	244	1309330	57.138	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.480	70	94404	11.459	ng	# 59
25) Isophorone	7.480	82	700102	29.472	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	42775	8.676	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	42775	7.169	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	20115	2.781	ng	# 1

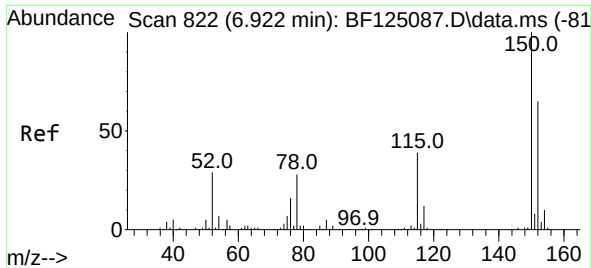
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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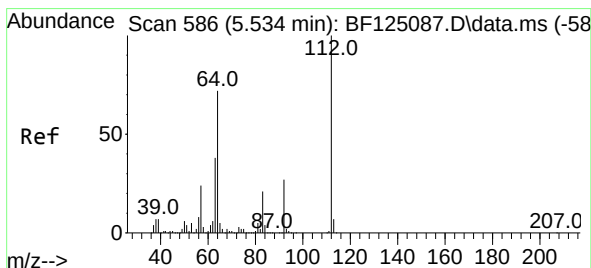
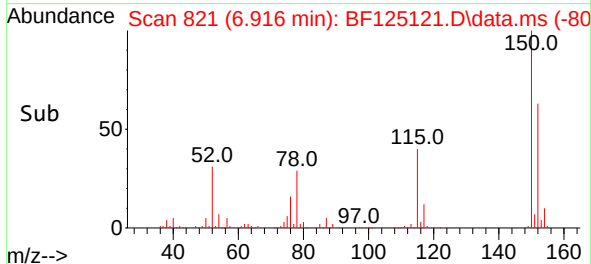
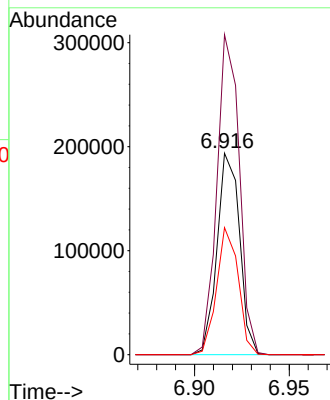
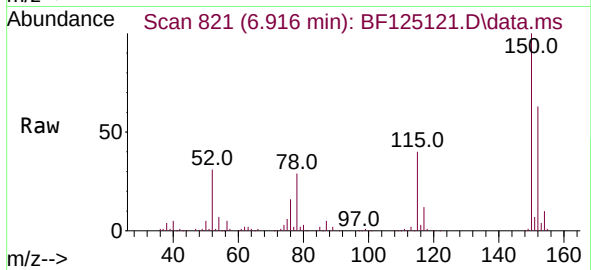




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

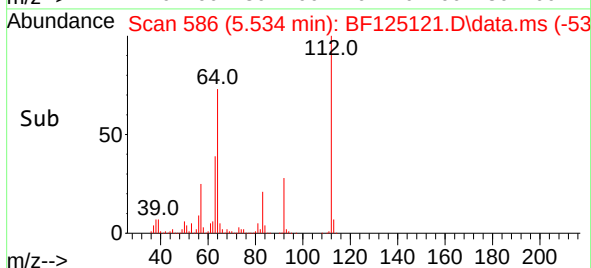
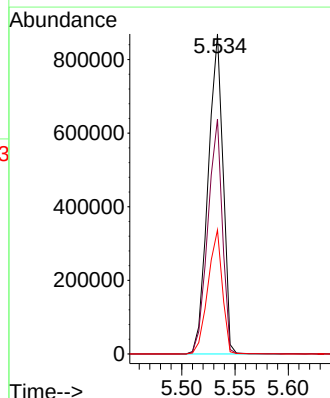
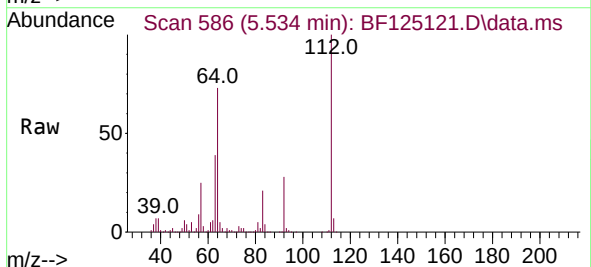
Instrument :
BNA_F
ClientSampleId :
PE-4

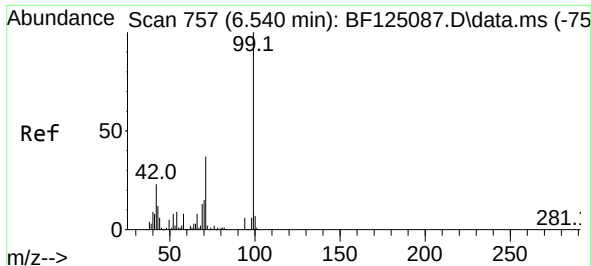
Tgt Ion:152 Resp: 160301
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 80.228 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion:112 Resp: 849676
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 38.8 26.2 39.2

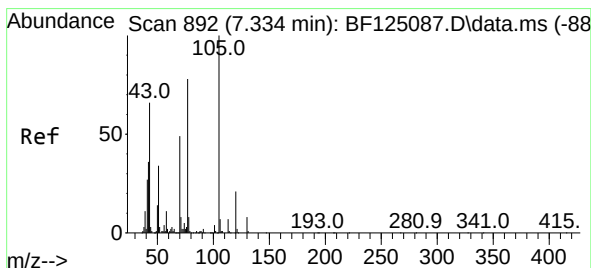
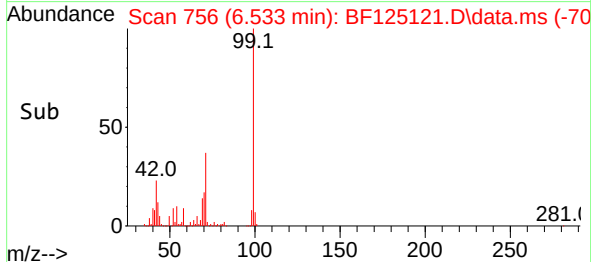
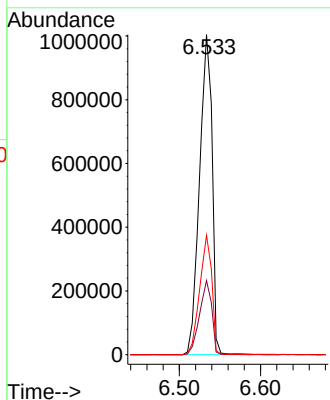
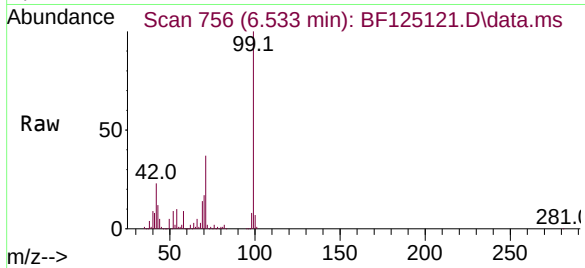




#7
Phenol-d6
Concen: 79.017 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

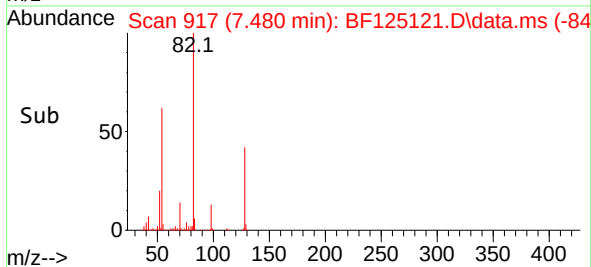
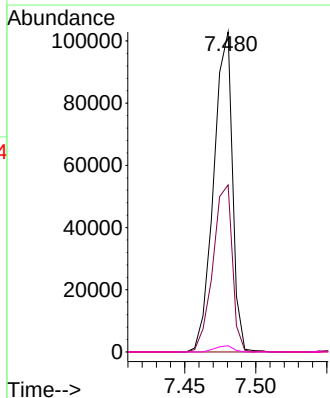
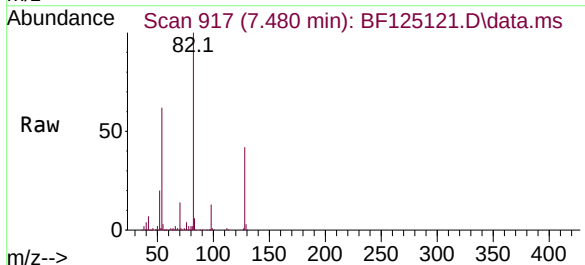
Instrument :
BNA_F
ClientSampleId :
PE-4

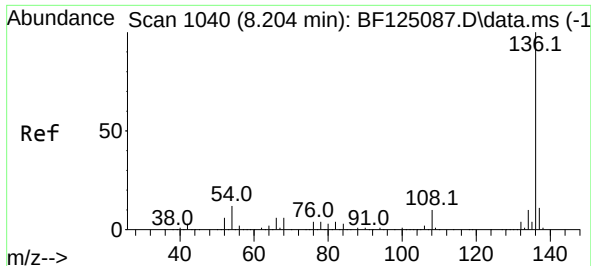
Tgt Ion: 99 Resp: 1082306
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 37.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.459 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion: 70 Resp: 94404
Ion Ratio Lower Upper
70 100
42 52.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

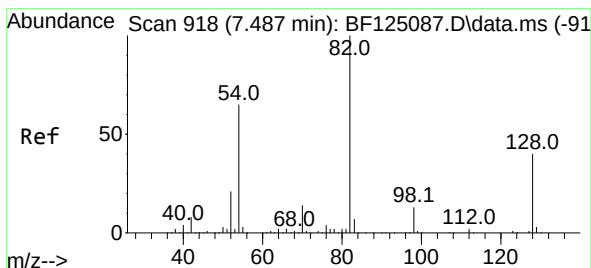
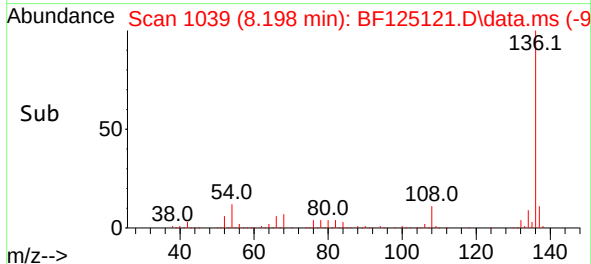
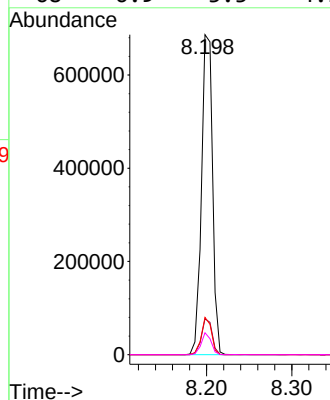
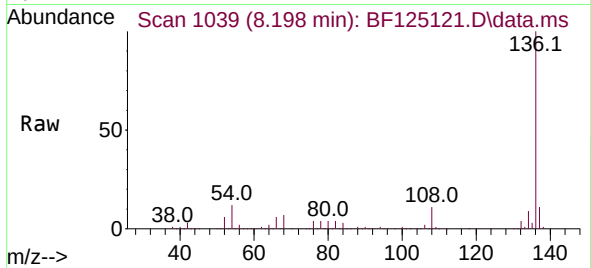




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

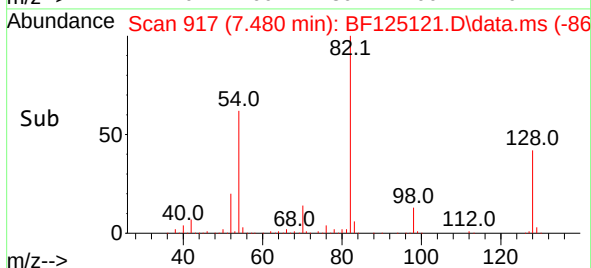
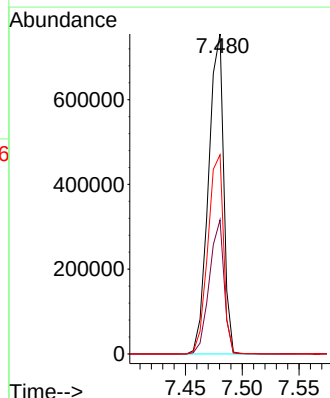
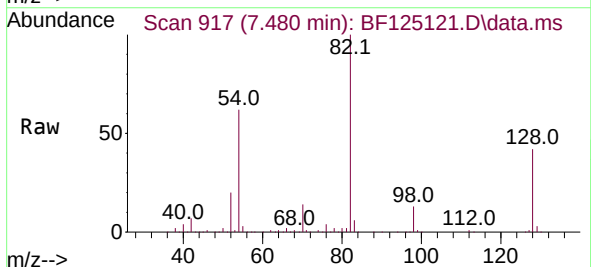
Instrument :
BNA_F
ClientSampled :
PE-4

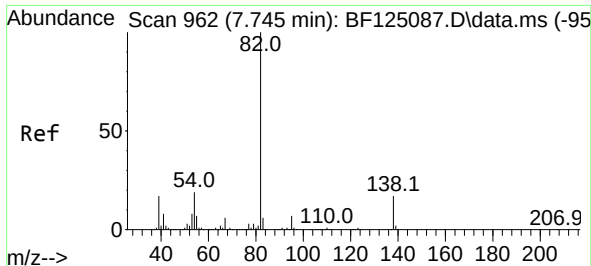
Tgt Ion:	136	Resp:	619920
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	11.7	6.4	9.6#
68	6.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 56.856 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion:	82	Resp:	700111
Ion Ratio	Lower	Upper	
82	100		
128	41.9	40.6	60.8
54	62.2	49.6	74.4

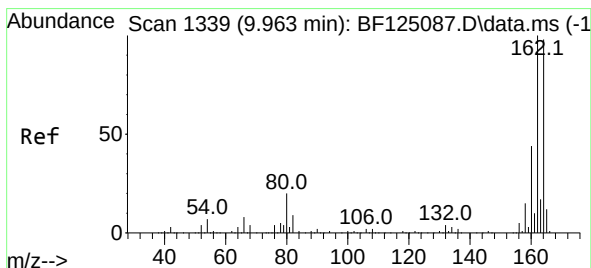
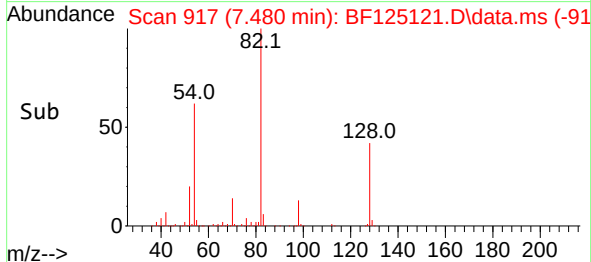
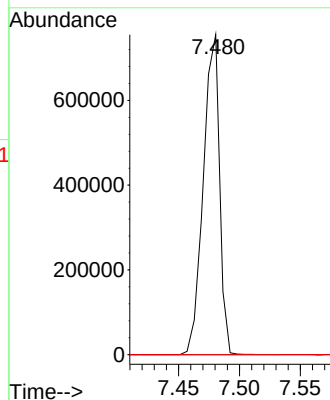
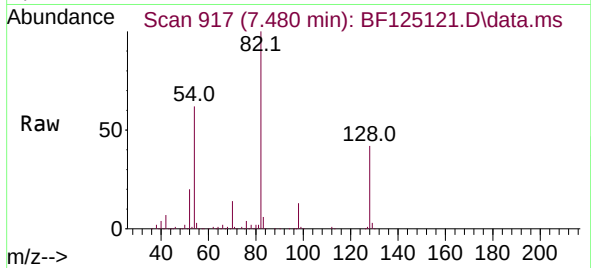




#25
Isophorone
Concen: 29.472 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

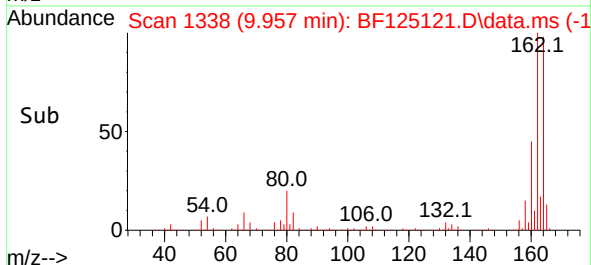
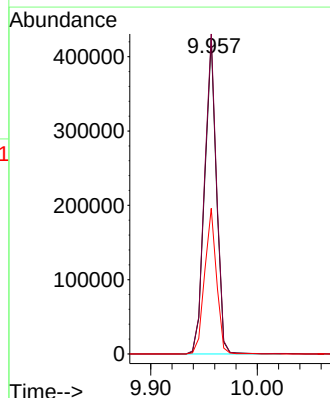
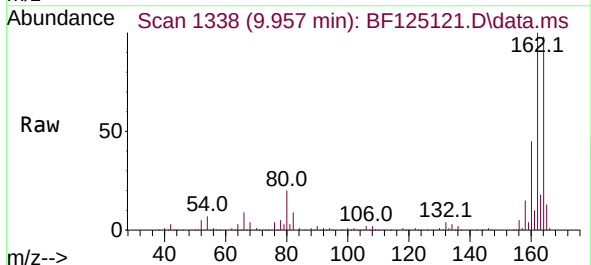
Instrument :
BNA_F
ClientSampleId :
PE-4

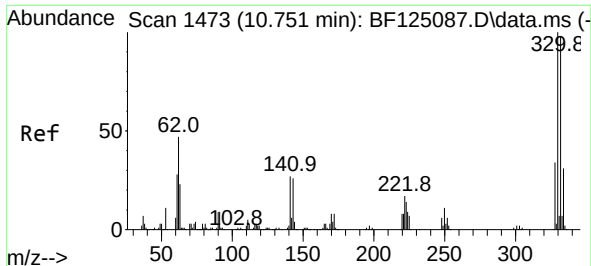
Tgt Ion: 82 Resp: 700102
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion:164 Resp: 328091
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 46.3 38.0 57.0

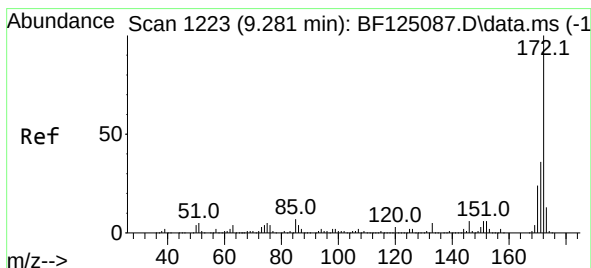
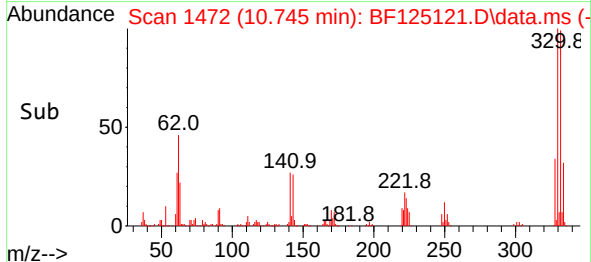
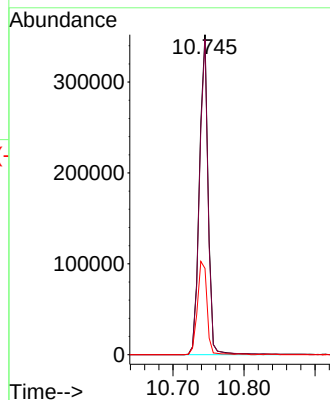
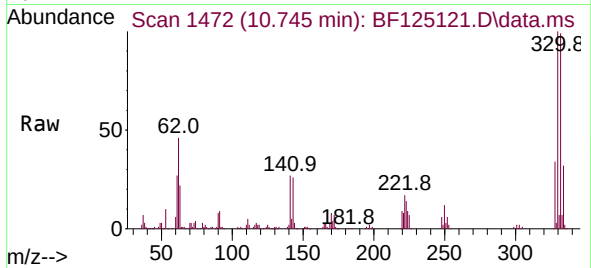




#42
2,4,6-Tribromophenol
Concen: 92.004 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

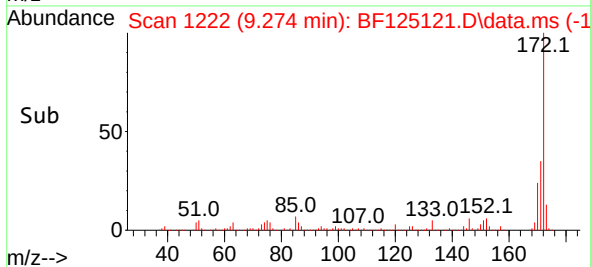
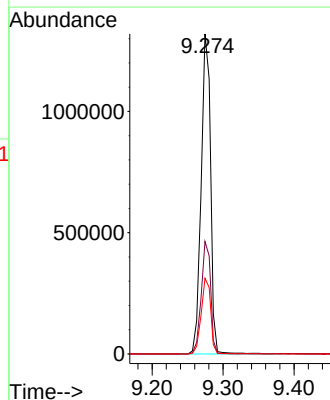
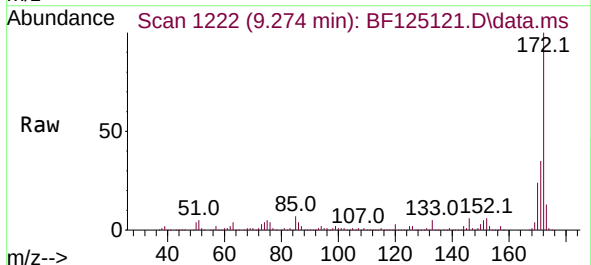
Instrument :
BNA_F
ClientSampleId :
PE-4

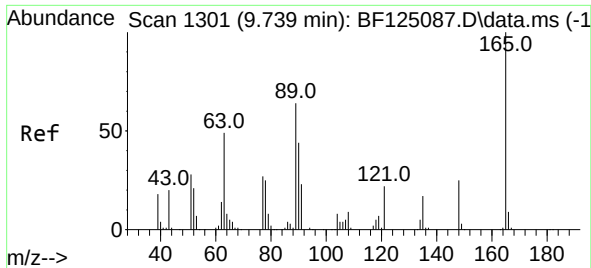
Tgt Ion: 330 Resp: 301321
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 32.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.936 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion: 172 Resp: 1222595
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2

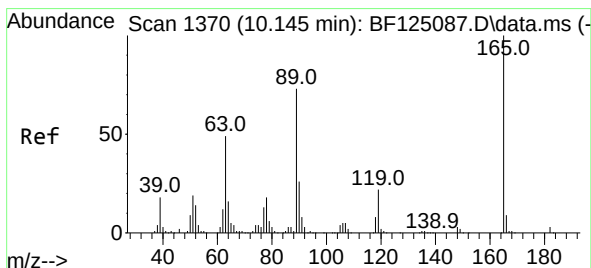
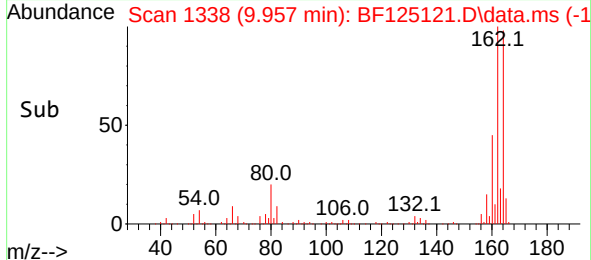
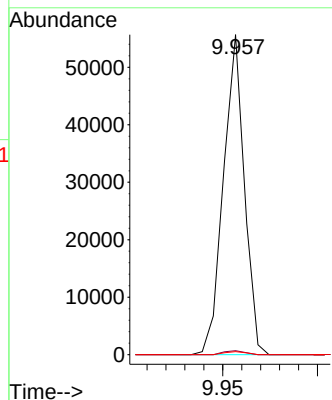
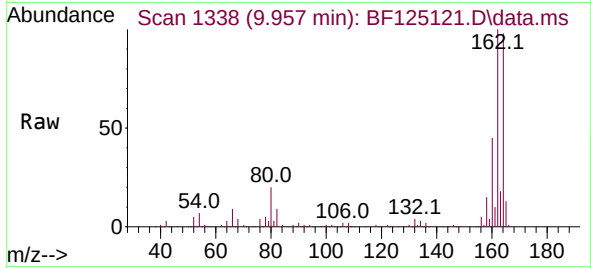




#51
2,6-Dinitrotoluene
Concen: 8.676 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

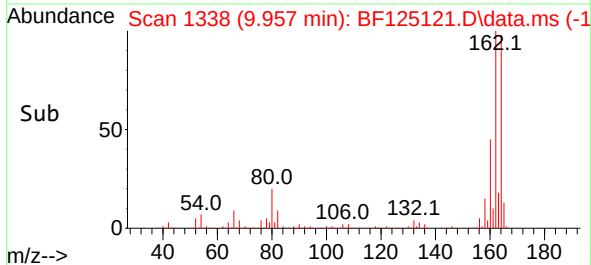
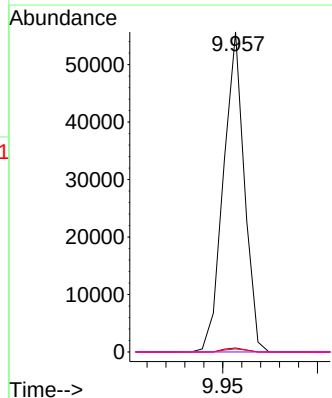
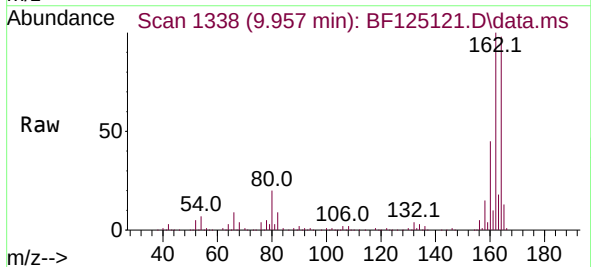
Instrument :
BNA_F
ClientSampleId :
PE-4

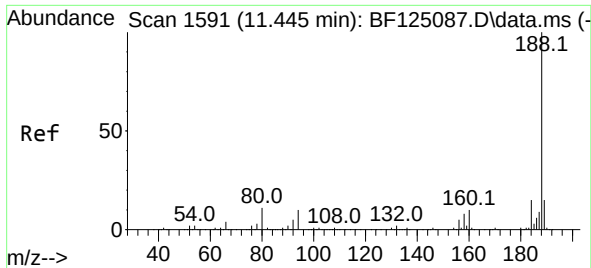
Tgt Ion:165 Resp: 42775
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.169 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion:165 Resp: 42775
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

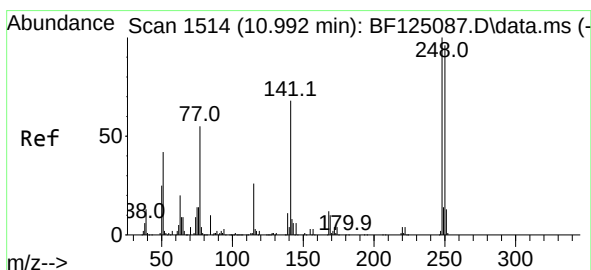
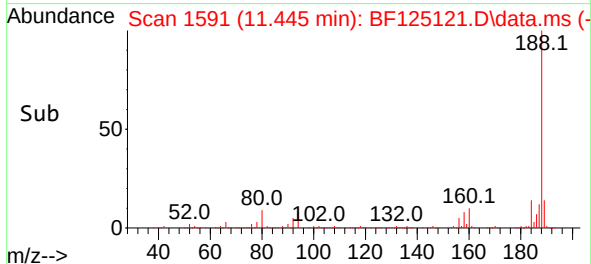
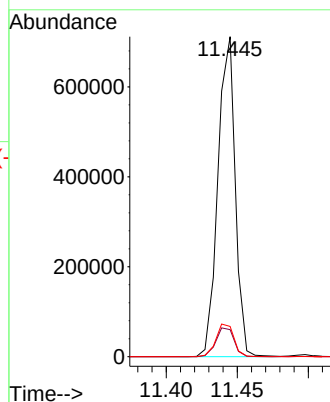
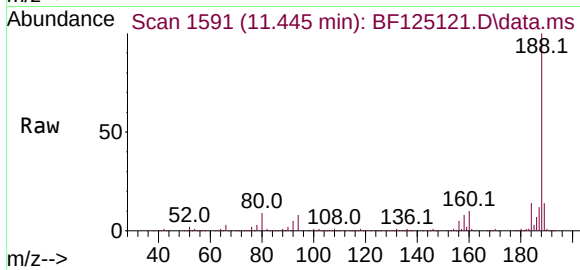




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

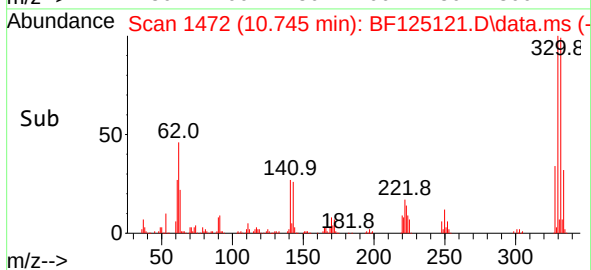
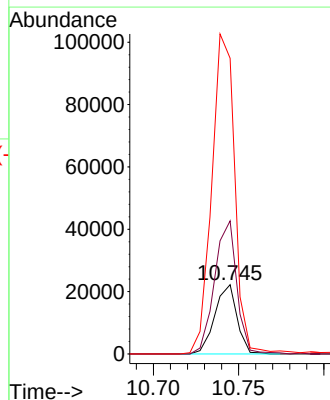
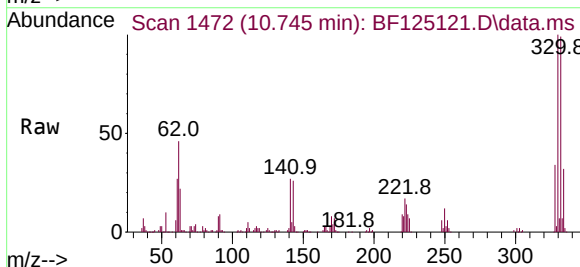
Instrument :
BNA_F
ClientSampled :
PE-4

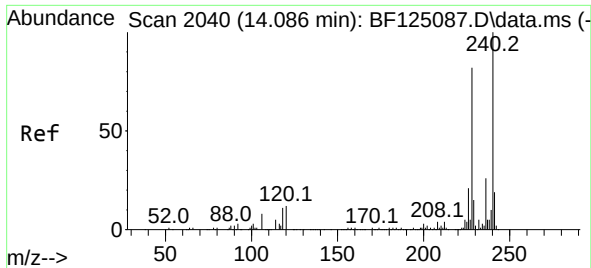
Tgt Ion:	188	Resp:	602354
Ion Ratio	Lower	Upper	
188	100		
94	8.4	6.7	10.1
80	9.5	7.5	11.3



#67
4-Bromophenyl-phenylether
Concen: 2.781 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion:	248	Resp:	20115
Ion Ratio	Lower	Upper	
248	100		
250	192.0	74.2	111.4#
141	426.7	60.4	90.6#

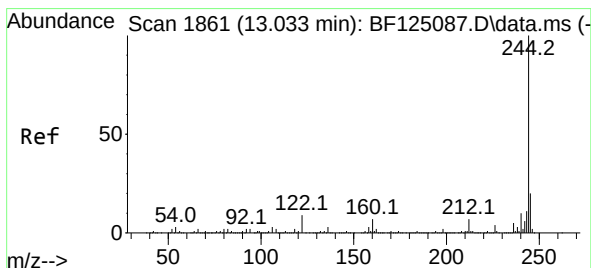
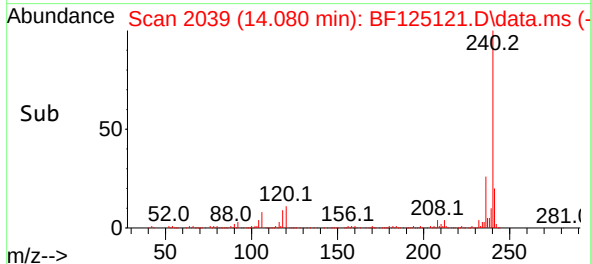
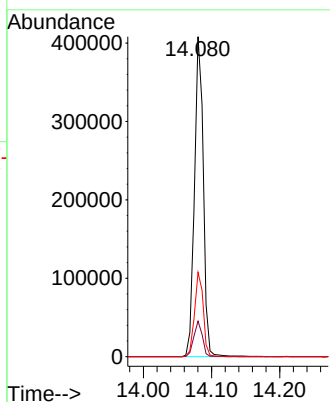
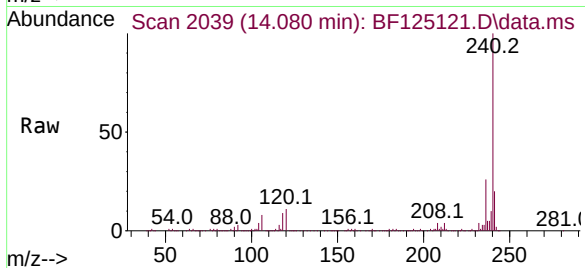




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

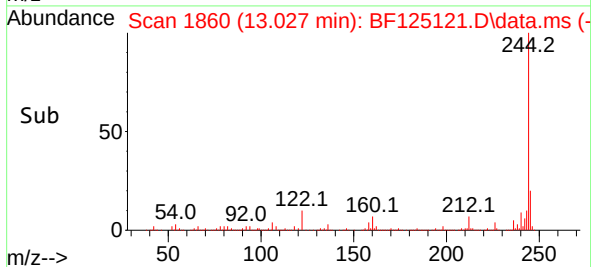
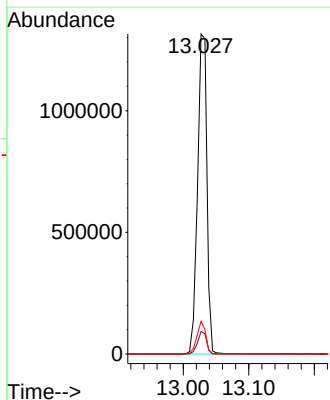
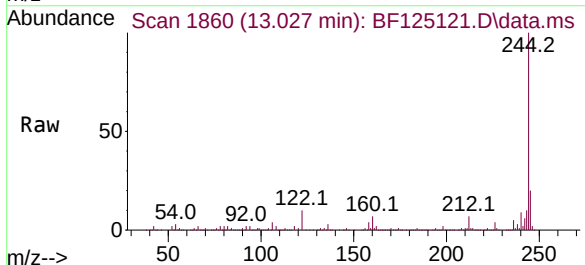
Instrument :
BNA_F
ClientSampled :
PE-4

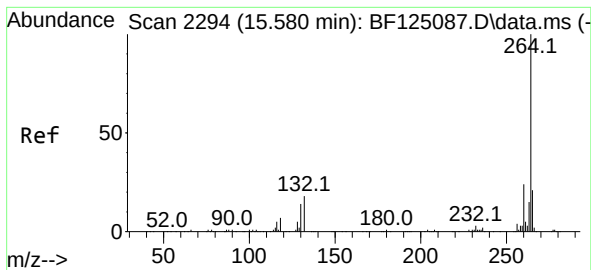
Tgt Ion:240 Resp: 365060
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 57.138 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF125121.D
Acq: 19 Aug 2021 18:52

Tgt Ion:244 Resp: 1309330
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.000 min
 Lab File: BF125121.D
 Acq: 19 Aug 2021 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:	264	Resp:	343748
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.2	17.2	25.8

