

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125120.D
 Acq On : 19 Aug 2021 18:18
 Operator : JU/CG
 Sample : M3430-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Aug 20 02:52:54 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)

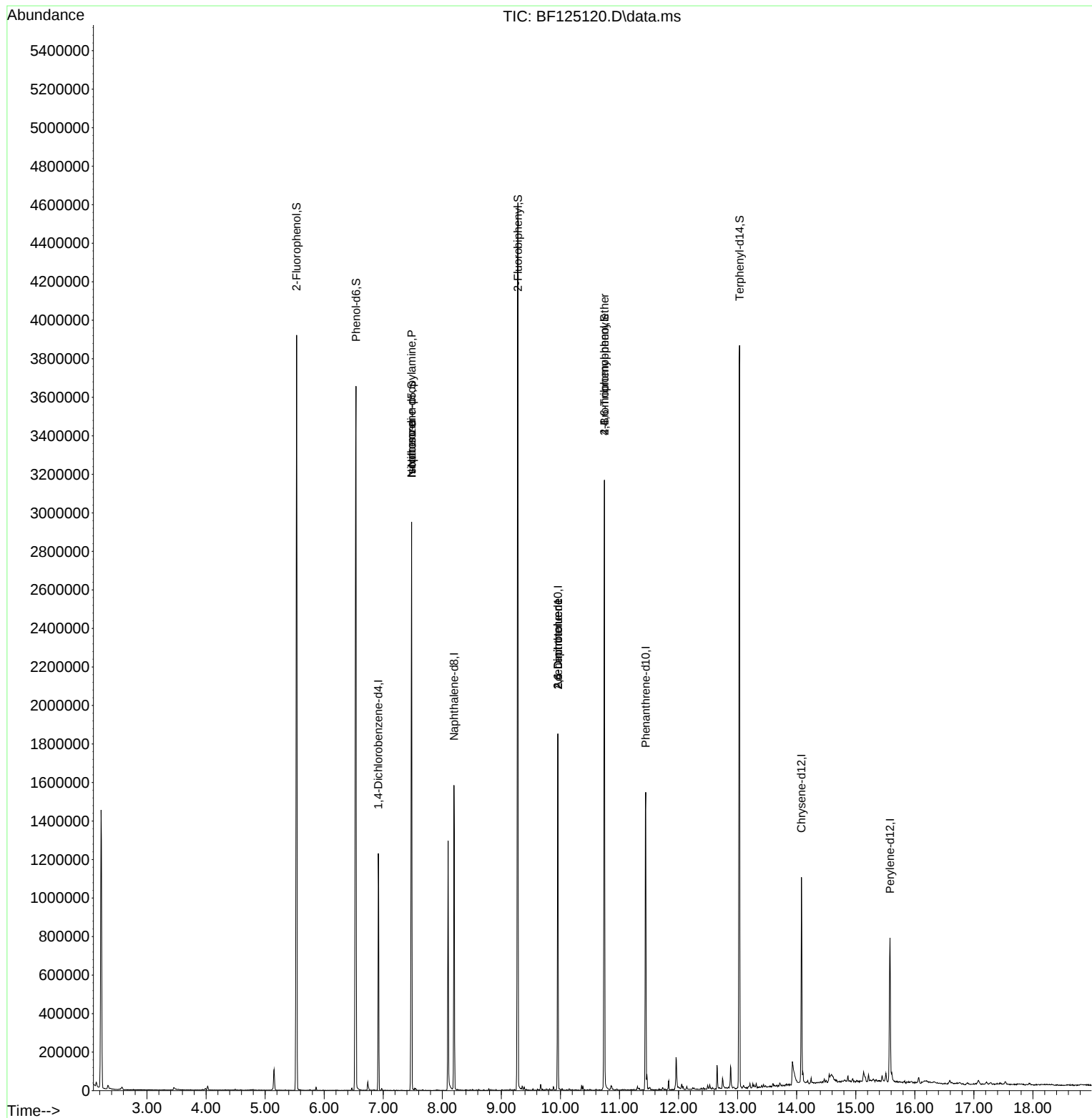
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	171494	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	651469	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	339272	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	591253	20.000	ng	0.00
76) Chrysene-d12	14.080	240	354754	20.000	ng	0.00
86) Perylene-d12	15.580	264	338405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1052618	92.904	ng	0.00
7) Phenol-d6	6.540	99	1346562	91.893	ng	0.00
23) Nitrobenzene-d5	7.481	82	888221	68.640	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	368879	108.920	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1513694	62.183	ng	0.00
79) Terphenyl-d14	13.033	244	1450809	65.151	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	120516	13.673	ng	# 59
25) Isophorone	7.481	82	885827	35.485	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43724	8.577	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43724	7.086	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	23390	3.294	ng	# 1

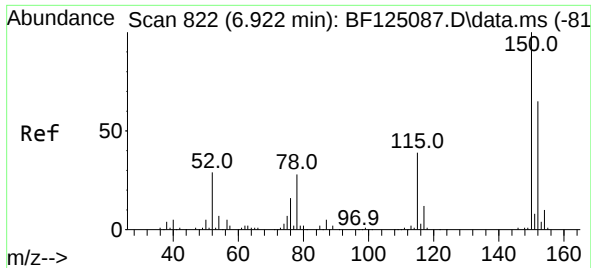
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

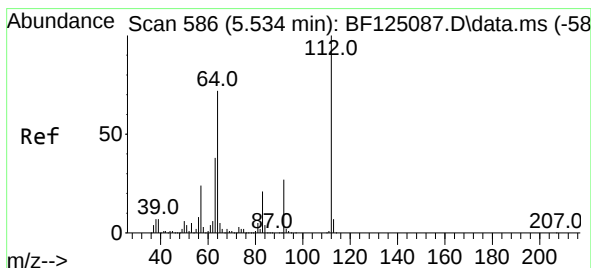
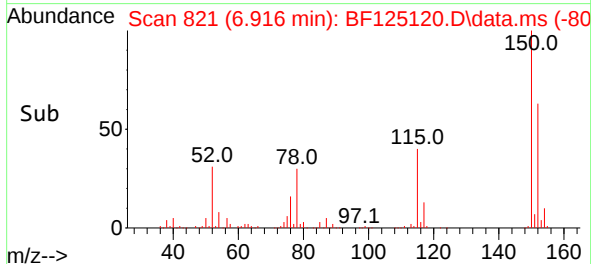
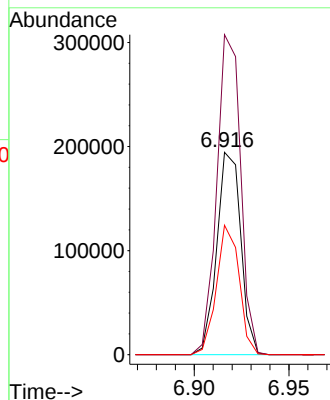
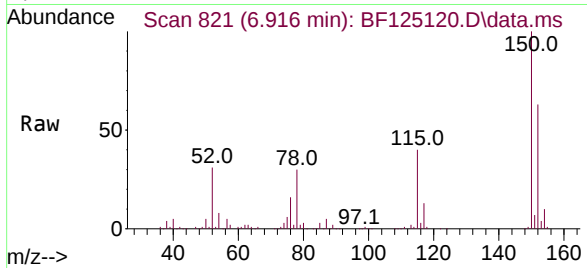




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

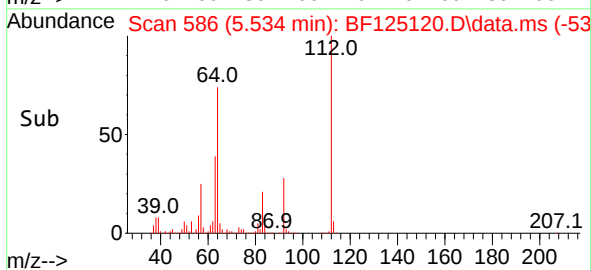
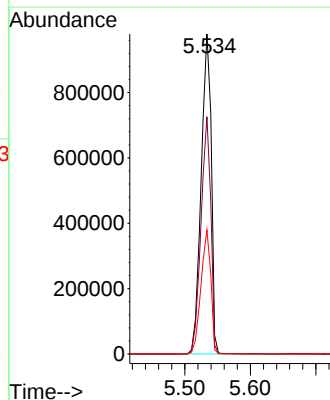
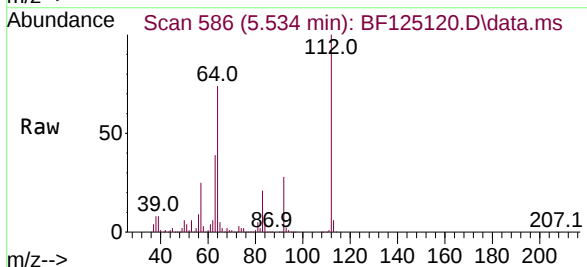
Instrument :
BNA_F
ClientSampleId :
PE-1

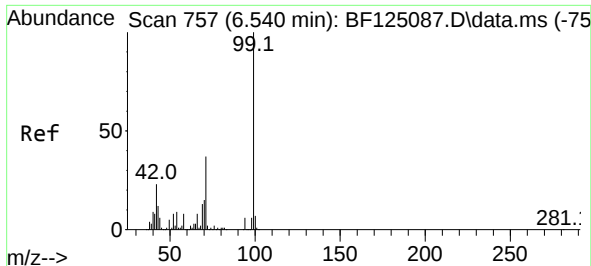
Tgt Ion:152 Resp: 171494
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 92.904 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion:112 Resp: 1052618
Ion Ratio Lower Upper
112 100
64 74.2 44.2 66.2#
63 38.8 26.2 39.2

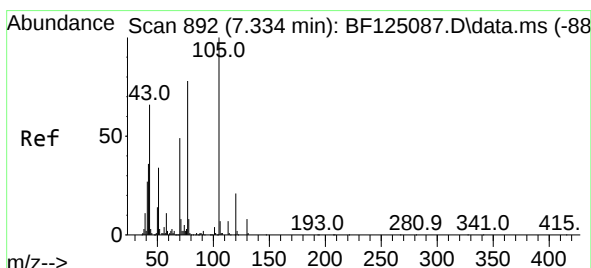
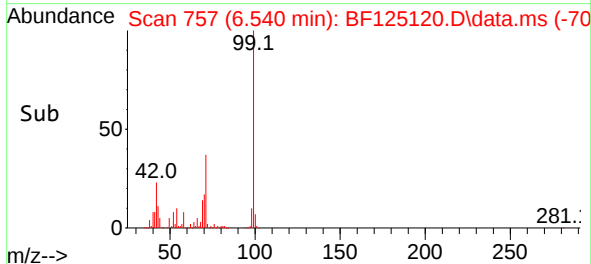
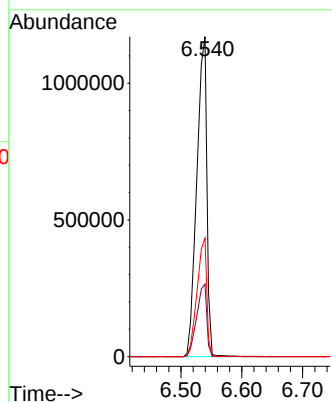
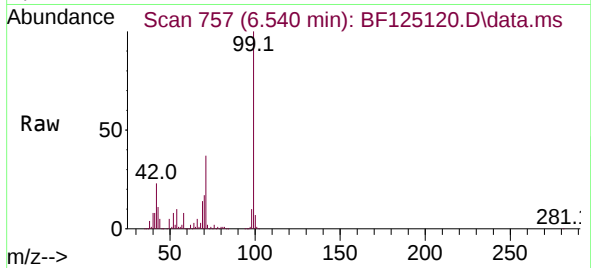




#7
Phenol-d6
Concen: 91.893 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

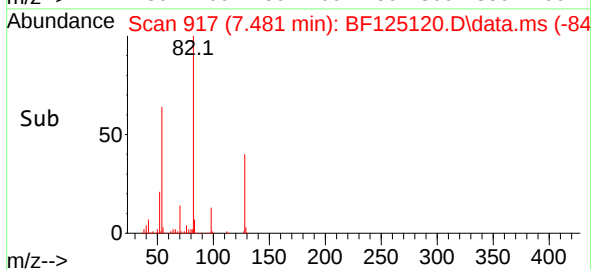
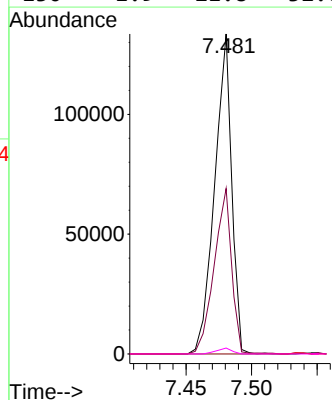
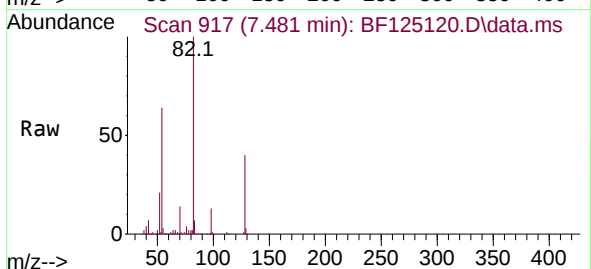
Instrument :
BNA_F
ClientSampled :
PE-1

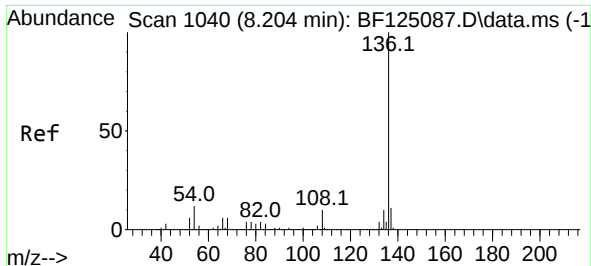
Tgt Ion: 99 Resp: 1346562
Ion Ratio Lower Upper
99 100
42 22.7 23.5 35.3#
71 37.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.673 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion: 70 Resp: 120516
Ion Ratio Lower Upper
70 100
42 51.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

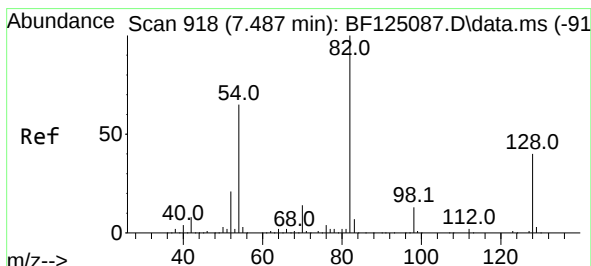
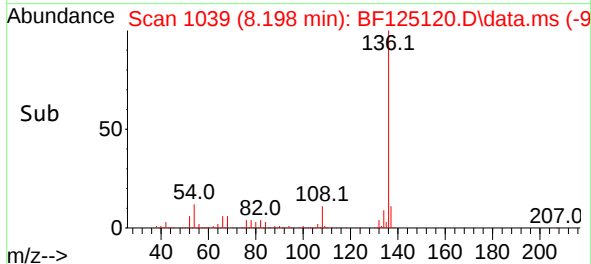
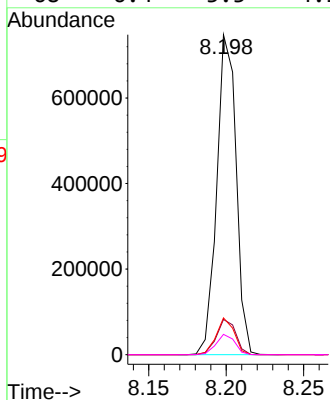
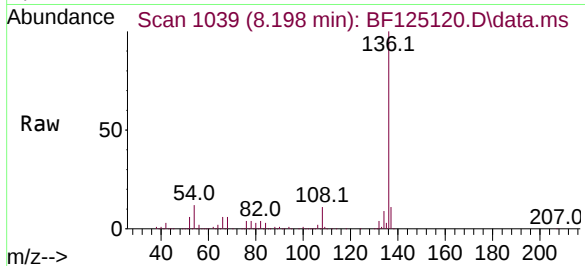




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

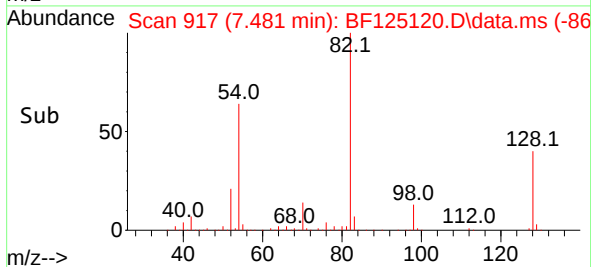
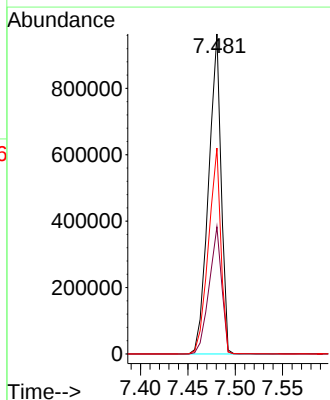
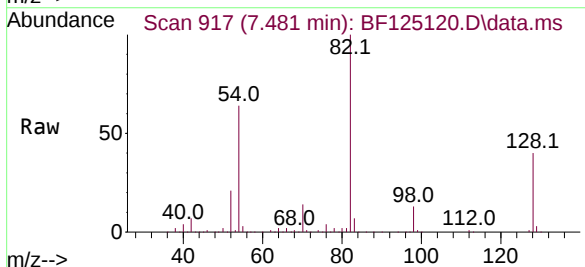
Instrument :
BNA_F
ClientSampled :
PE-1

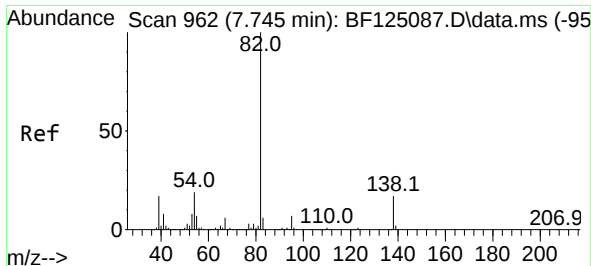
Tgt Ion:	136	Resp:	651469
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	11.5	6.4	9.6#
68	6.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 68.640 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion:	82	Resp:	888221
Ion Ratio	Lower	Upper	
82	100		
128	39.8	40.6	60.8#
54	64.4	49.6	74.4

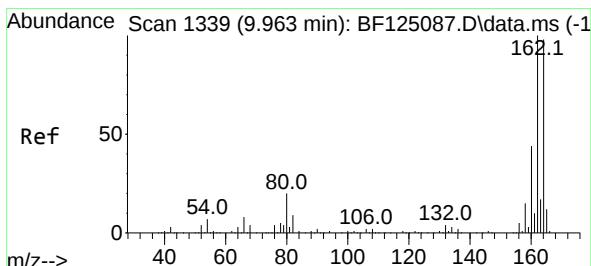
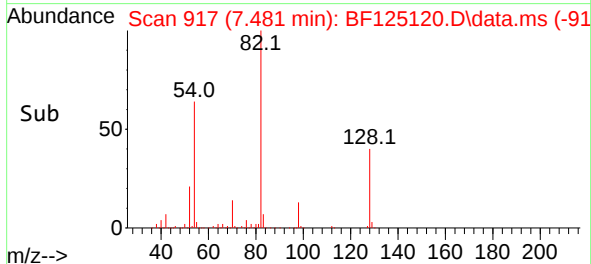
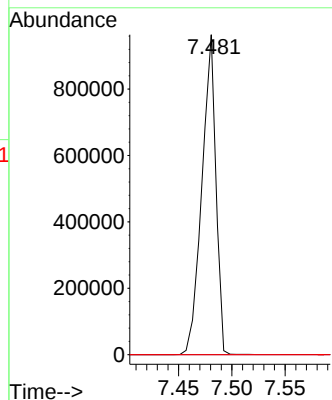
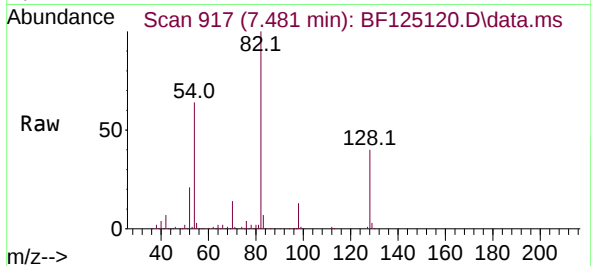




#25
Isophorone
Concen: 35.485 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

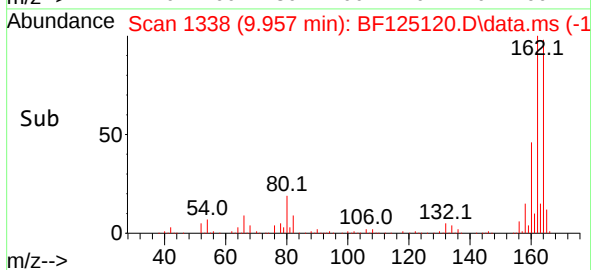
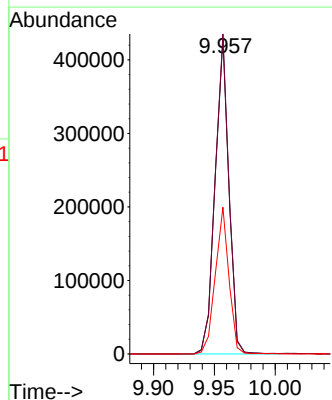
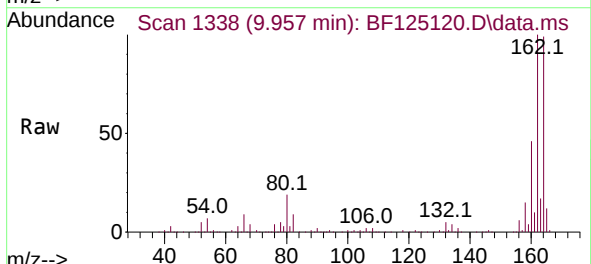
Instrument :
BNA_F
ClientSampleId :
PE-1

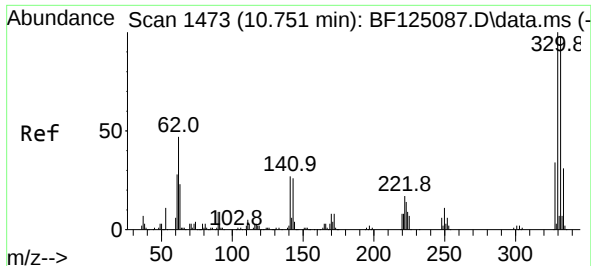
Tgt Ion: 82 Resp: 885827
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion: 164 Resp: 339272
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 46.4 38.0 57.0

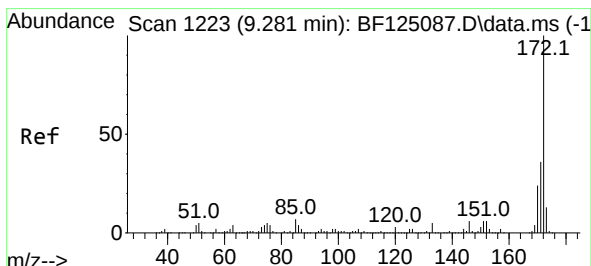
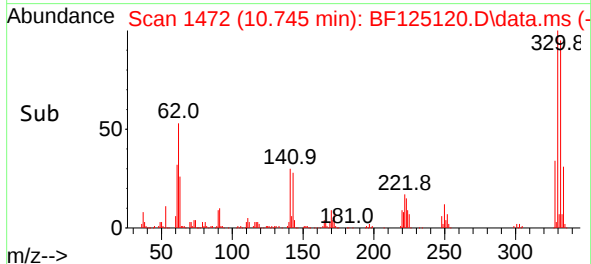
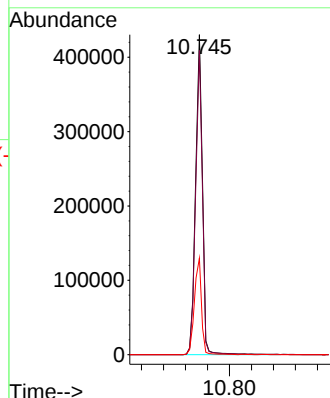
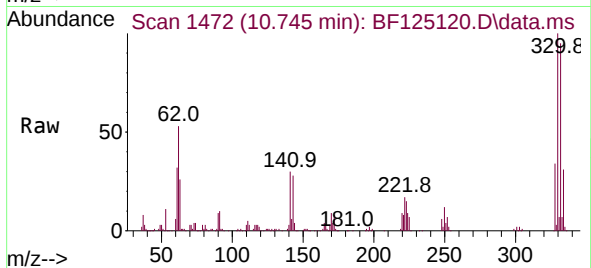




#42
2,4,6-Tribromophenol
Concen: 108.920 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

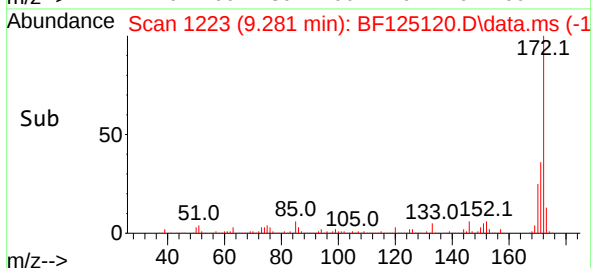
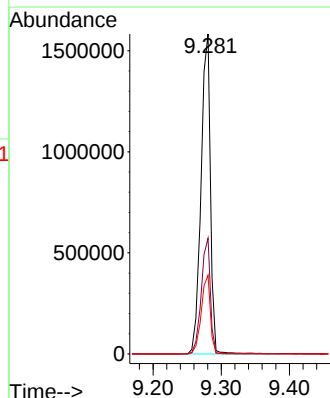
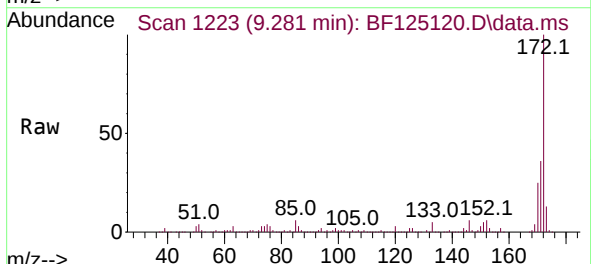
Instrument :
BNA_F
ClientSampled :
PE-1

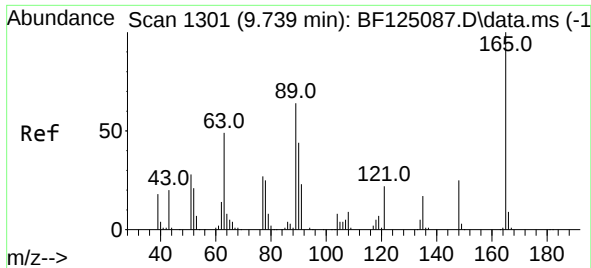
Tgt Ion: 330 Resp: 368879
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 31.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.183 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion: 172 Resp: 1513694
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.6 18.8 28.2

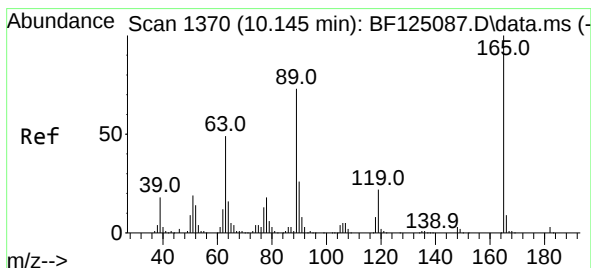
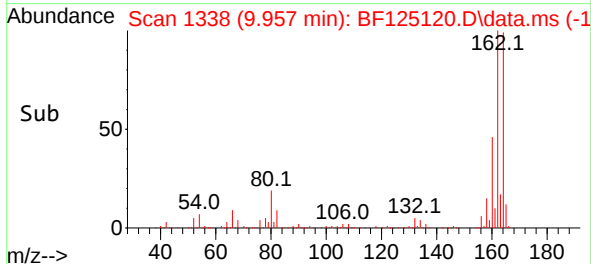
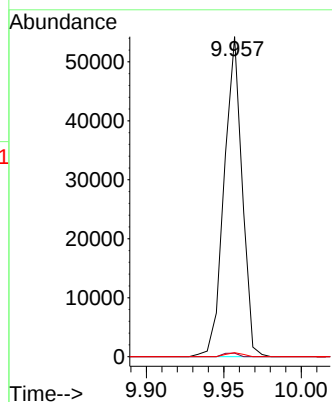
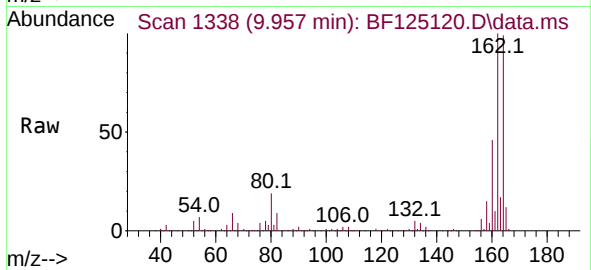




#51
2,6-Dinitrotoluene
Concen: 8.577 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

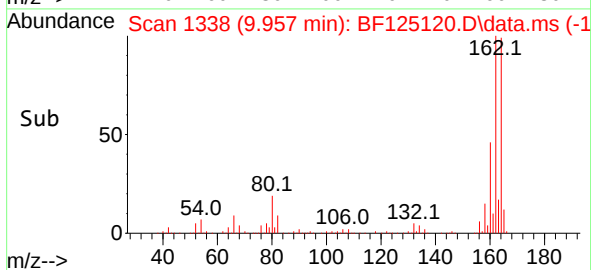
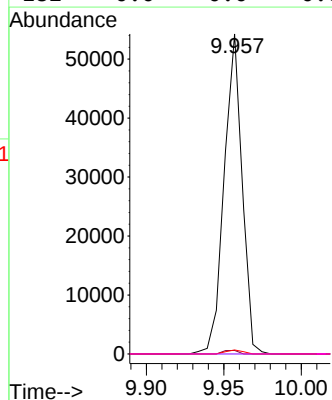
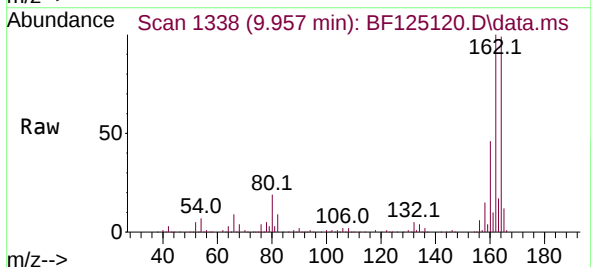
Instrument :
BNA_F
ClientSampled :
PE-1

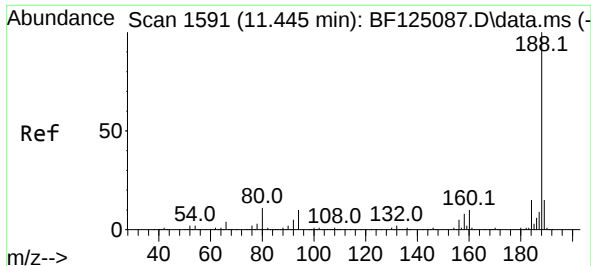
Tgt Ion:165 Resp: 43724
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.086 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion:165 Resp: 43724
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

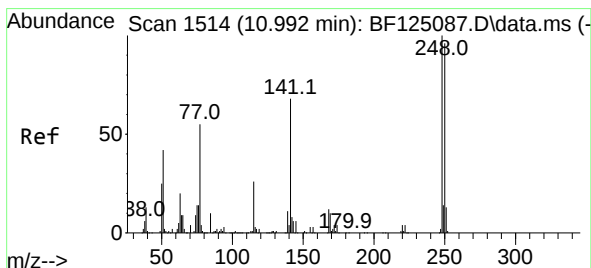
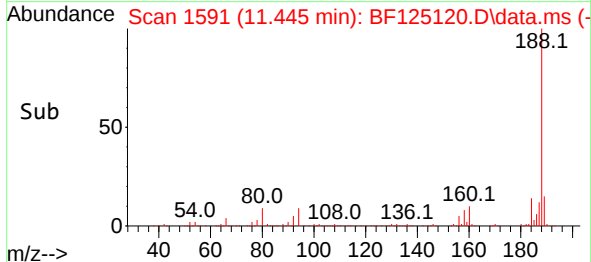
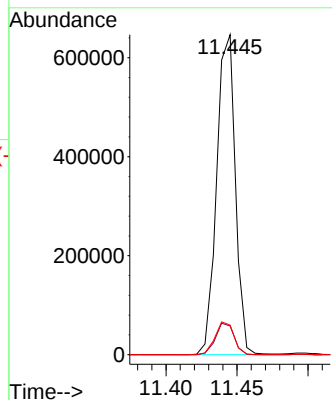
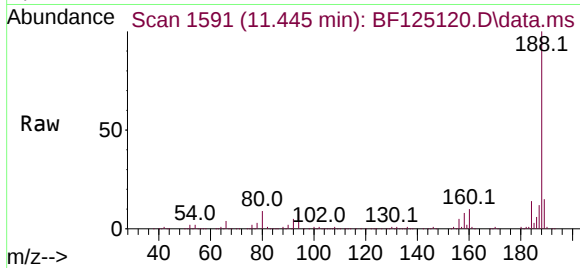




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

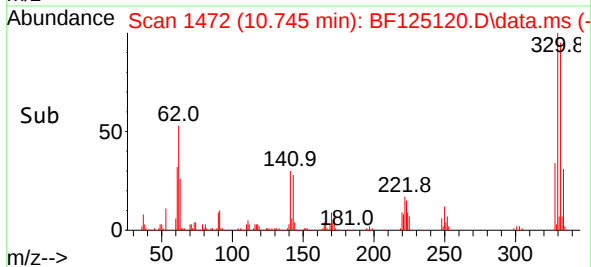
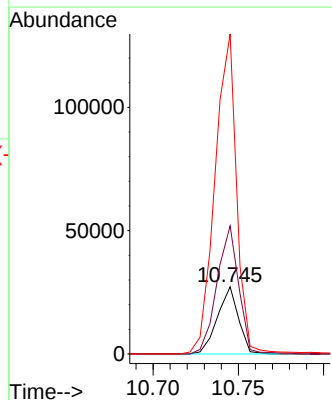
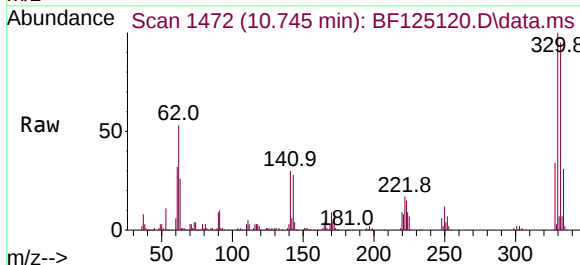
Instrument :
BNA_F
ClientSampleId :
PE-1

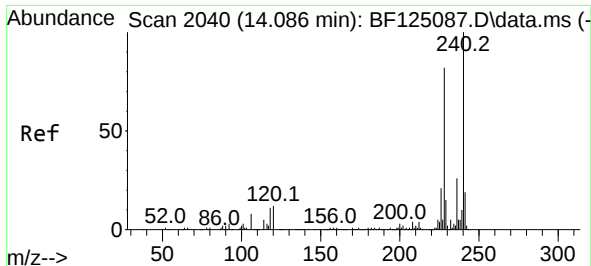
Tgt Ion:188 Resp: 591253
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion:248 Resp: 23390
Ion Ratio Lower Upper
248 100
250 190.8 74.2 111.4#
141 476.4 60.4 90.6#

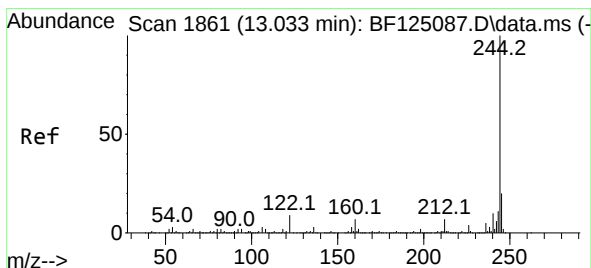
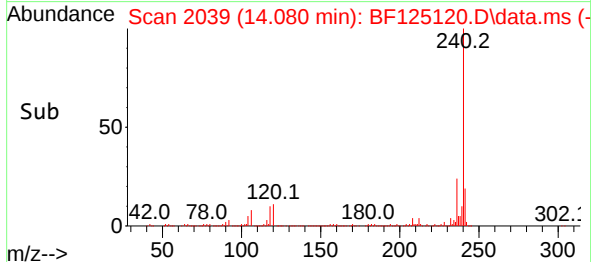
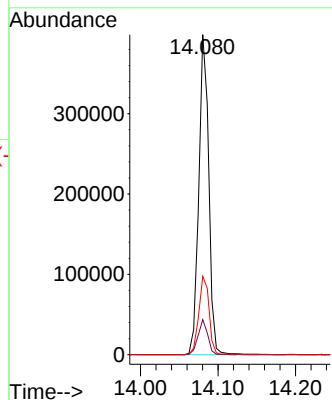
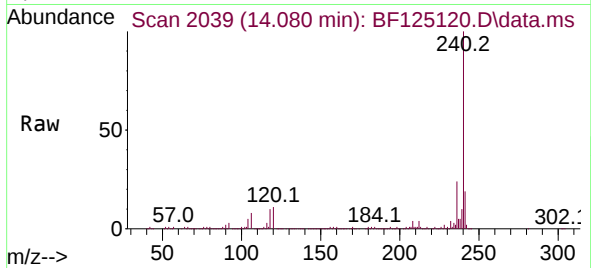




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

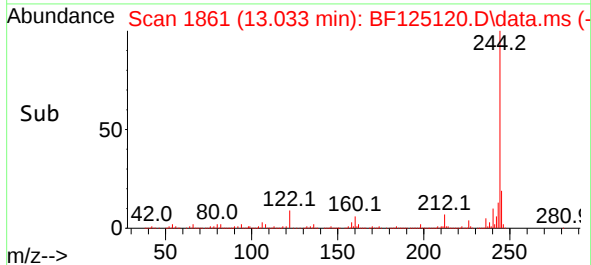
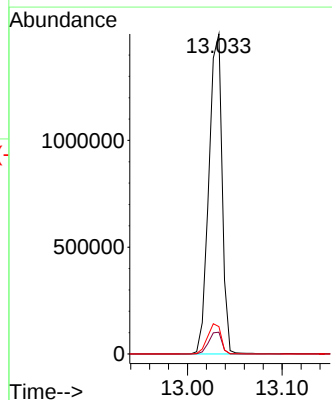
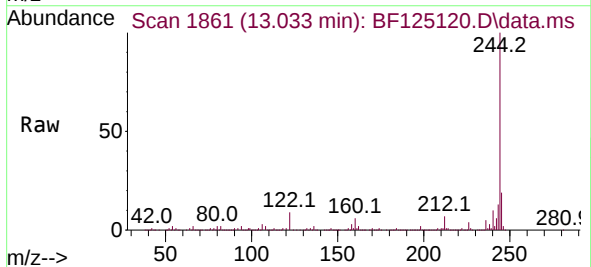
Instrument :
BNA_F
ClientSampleId :
PE-1

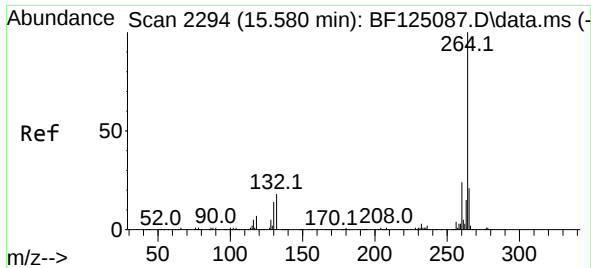
Tgt Ion:240 Resp: 354754
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 24.4 21.6 32.4



#79
Terphenyl-d14
Concen: 65.151 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125120.D
Acq: 19 Aug 2021 18:18

Tgt Ion:244 Resp: 1450809
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.6 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: BF125120.D
 Acq: 19 Aug 2021 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tgt Ion:264 Resp: 338405
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 22.9 17.2 25.8

