

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125260.D
 Acq On : 30 Aug 2021 13:20
 Operator : JU/CG
 Sample : PB138793BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138793BL

Quant Time: Aug 30 14:33:16 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)

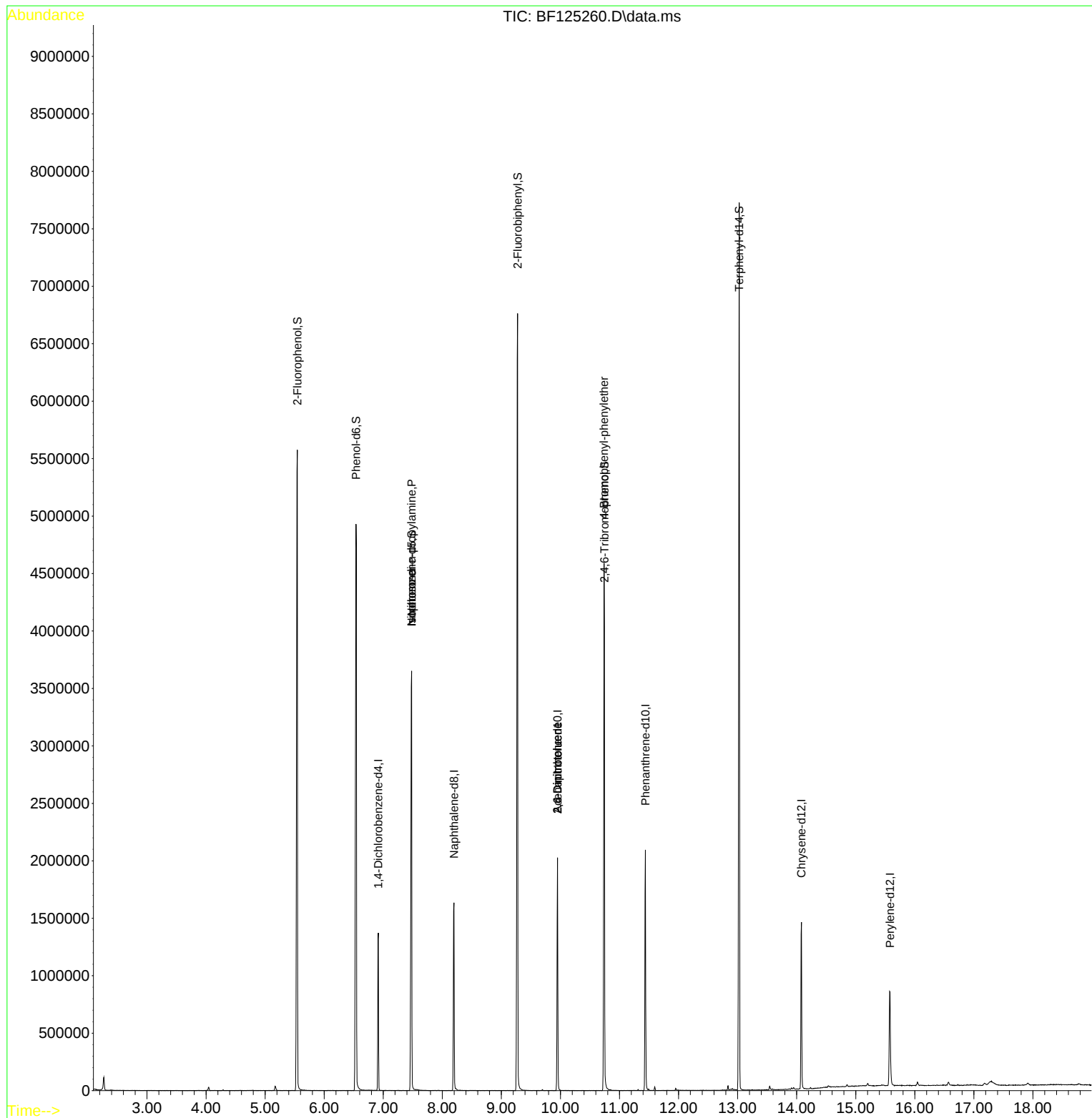
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	206927	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	793572	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	424790	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	781132	20.000	ng	0.00
76) Chrysene-d12	14.080	240	544028	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	441477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1657431	121.235	ng	0.02
7) Phenol-d6	6.539	99	2092056	118.321	ng	0.00
23) Nitrobenzene-d5	7.481	82	1388856	88.109	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	666967	157.291	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	2431921	79.791	ng	0.00
79) Terphenyl-d14	13.027	244	2936757	85.998	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	187957	17.673	ng	# 56
25) Isophorone	7.481	82	1385886	45.575	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	54466	8.533	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	54466	7.050	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	39989	4.263	ng	# 1

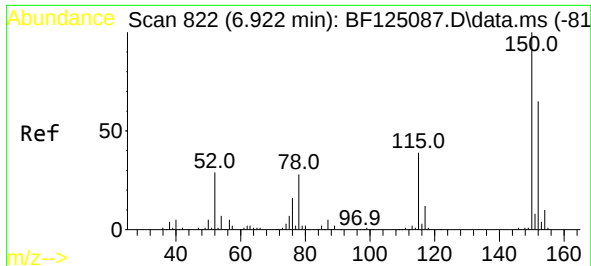
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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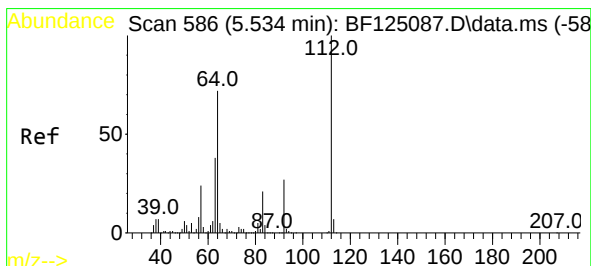
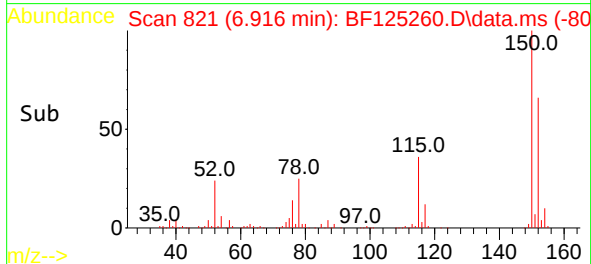
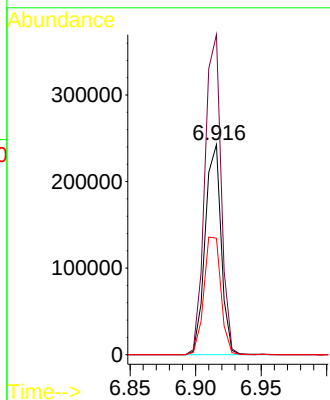
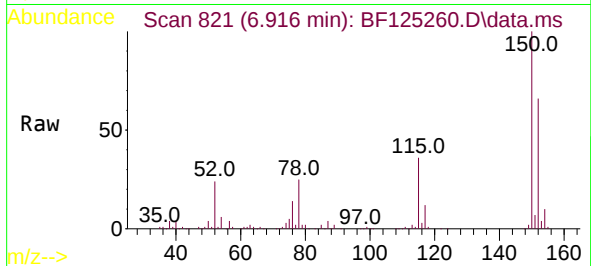




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

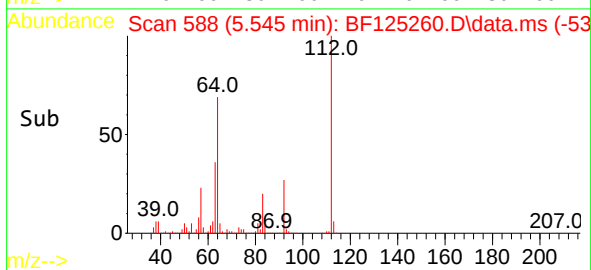
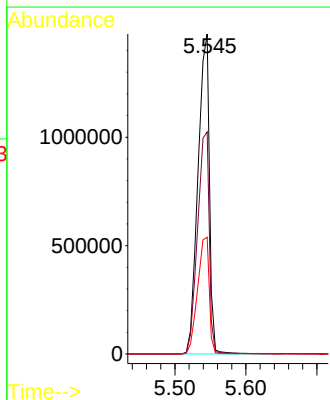
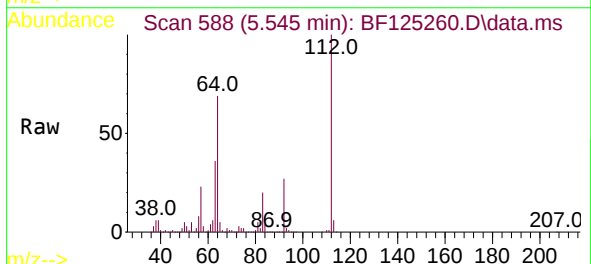
Instrument :
BNA_F
ClientSampleId :
PB138793BL

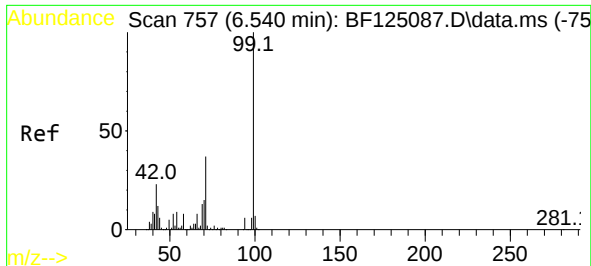
Tgt Ion:152 Resp: 206927
Ion Ratio Lower Upper
152 100
150 152.3 117.6 176.4
115 55.4 47.1 70.7



#5
2-Fluorophenol
Concen: 121.235 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion:112 Resp: 1657431
Ion Ratio Lower Upper
112 100
64 69.4 44.2 66.2#
63 36.5 26.2 39.2

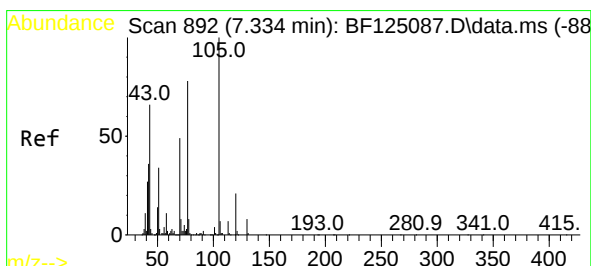
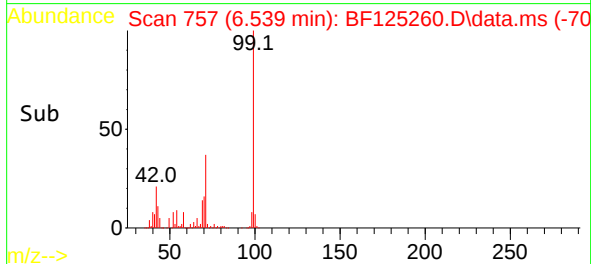
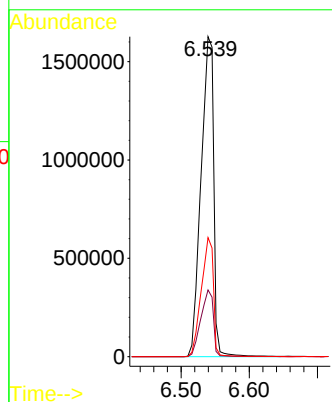
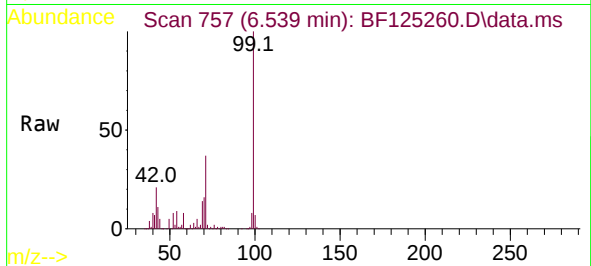




#7
Phenol-d6
Concen: 118.321 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

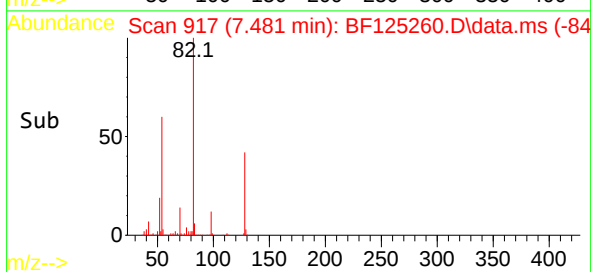
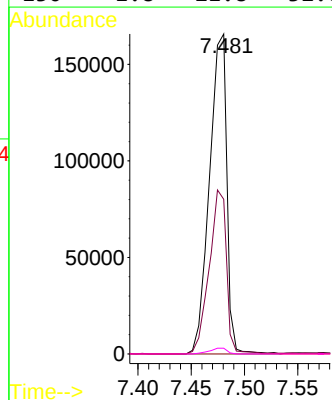
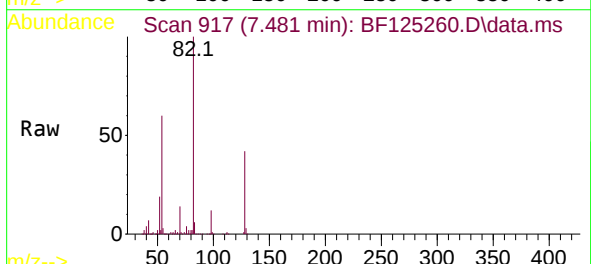
Instrument :
BNA_F
ClientSampleId :
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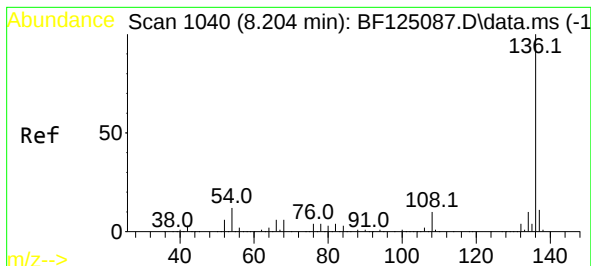
Tgt Ion: 99 Resp: 2092056
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 37.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.673 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion: 70 Resp: 187957
Ion Ratio Lower Upper
70 100
42 48.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

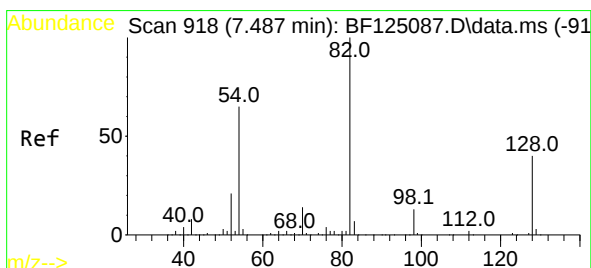
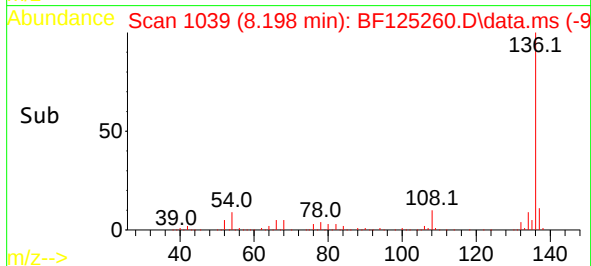
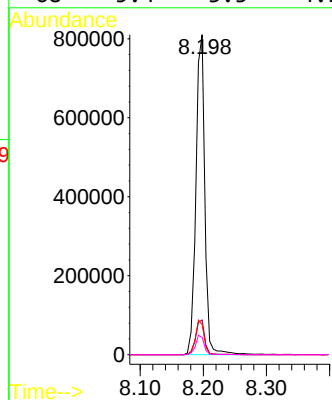
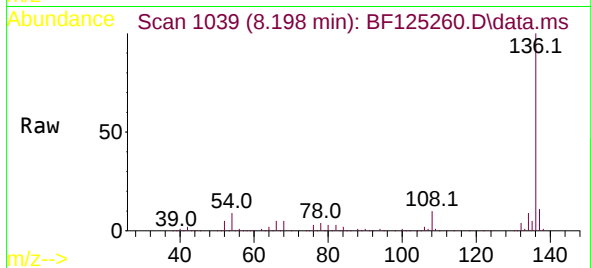




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

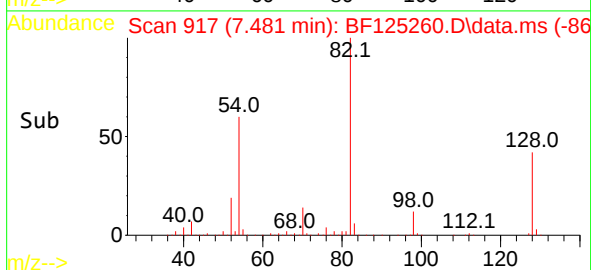
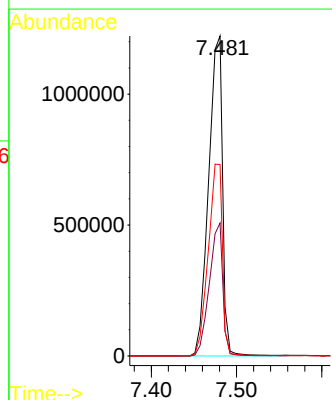
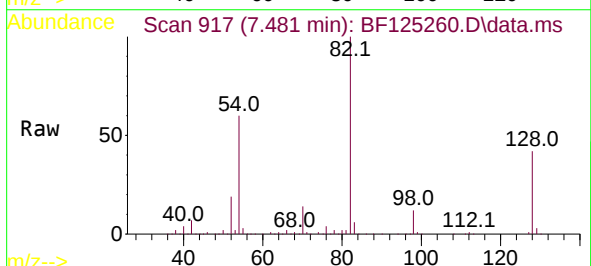
Instrument :
BNA_F
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PB138793BL

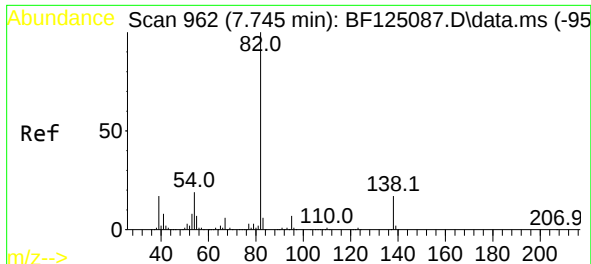
Tgt Ion:136 Resp: 793572
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.4 6.4 9.6
68 5.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 88.109 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

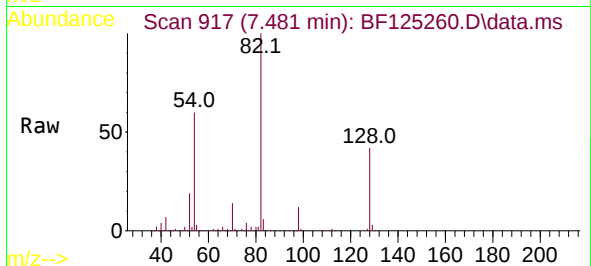
Tgt Ion: 82 Resp: 1388856
Ion Ratio Lower Upper
82 100
128 41.6 40.6 60.8
54 59.8 49.6 74.4



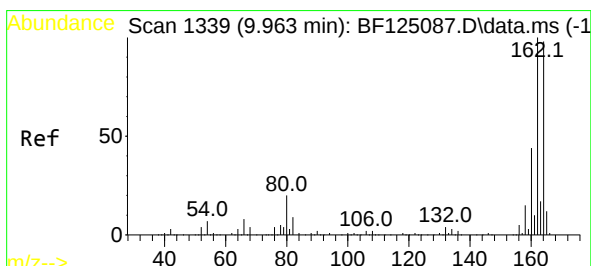
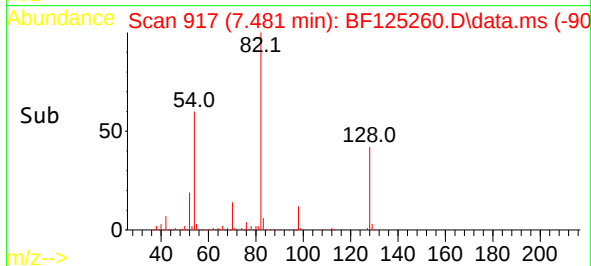
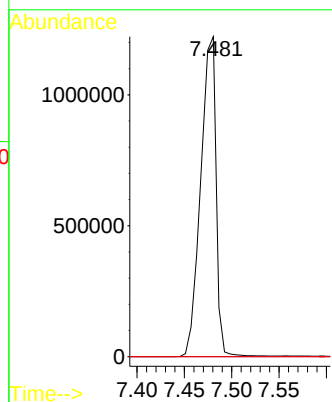


#25
Isophorone
Concen: 45.575 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.253 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB138793BL

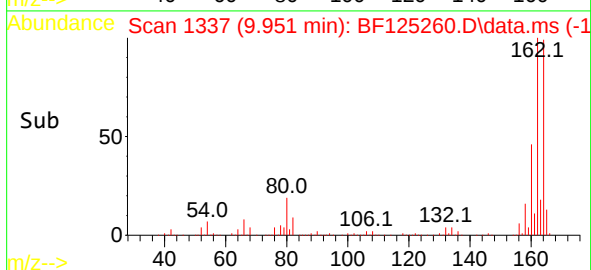
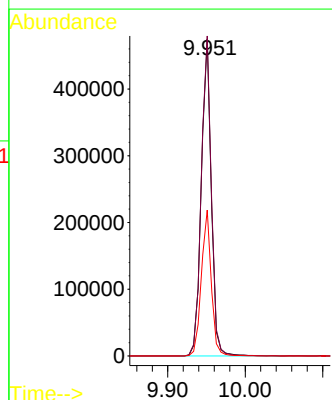
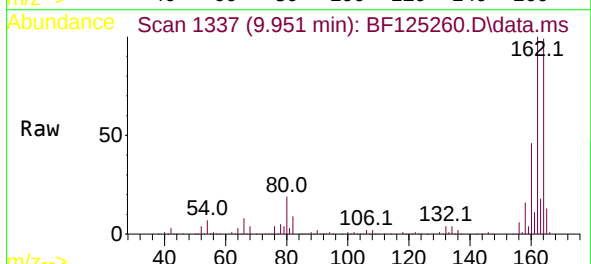


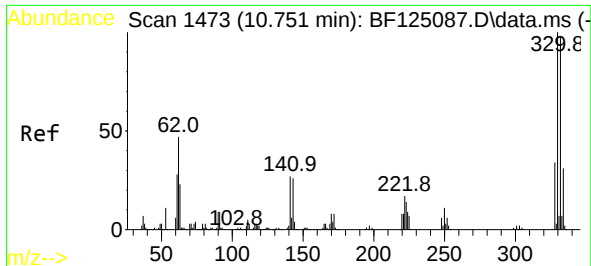
Tgt Ion: 82 Resp: 1385886
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion:164 Resp: 424790
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 46.0 38.0 57.0

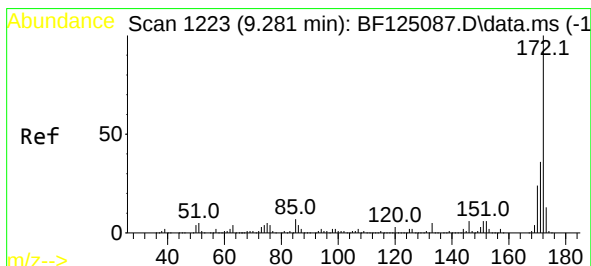
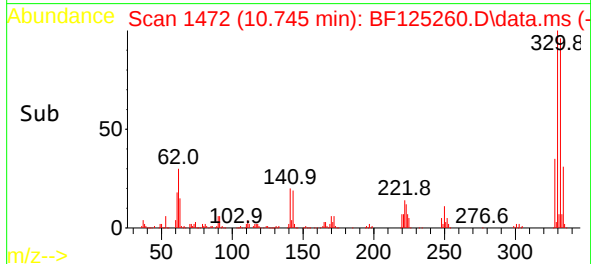
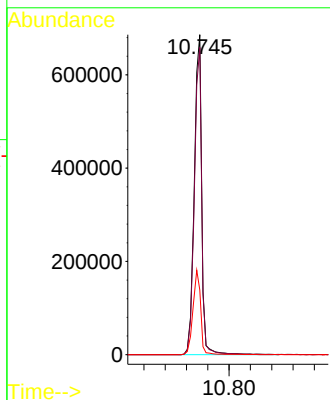
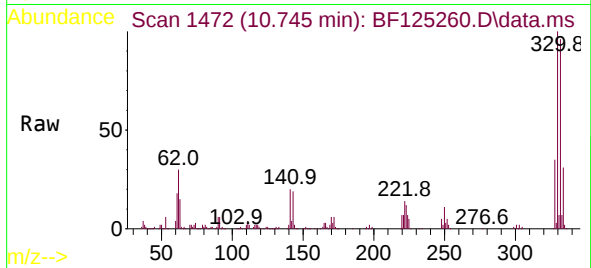




#42
2,4,6-Tribromophenol
Concen: 157.291 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

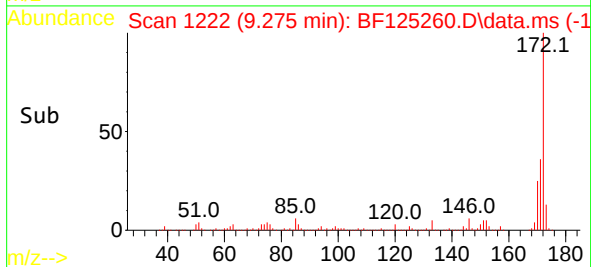
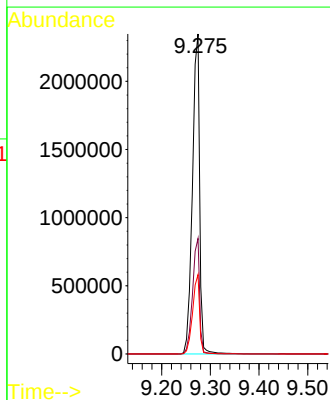
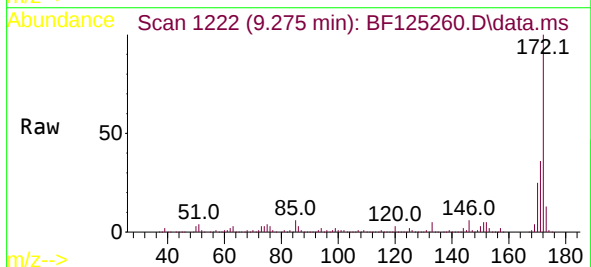
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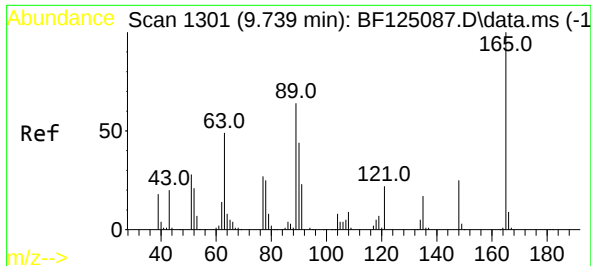
Tgt Ion:330 Resp: 666967
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 27.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.791 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion:172 Resp: 2431921
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.8 18.8 28.2

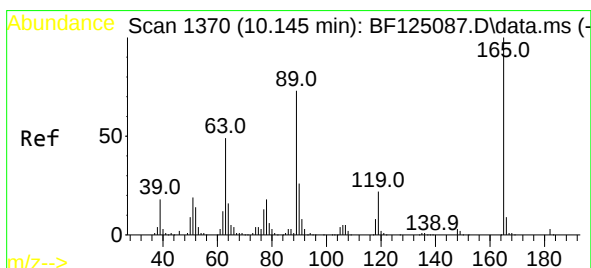
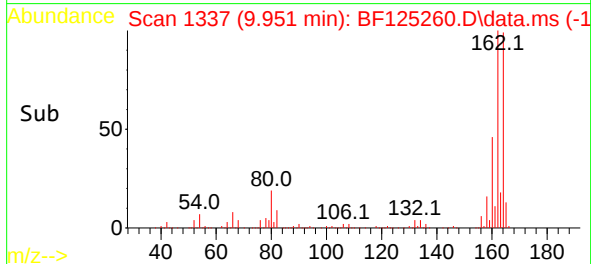
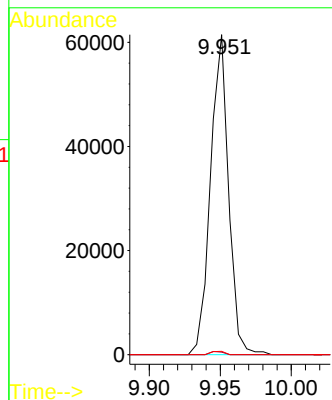
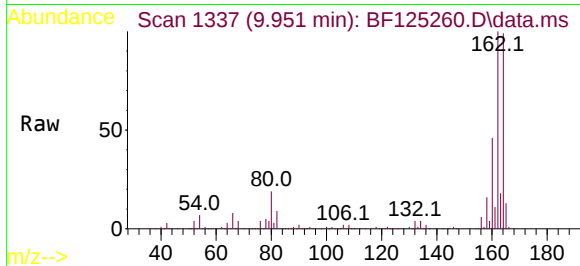




#51
2,6-Dinitrotoluene
Concen: 8.533 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

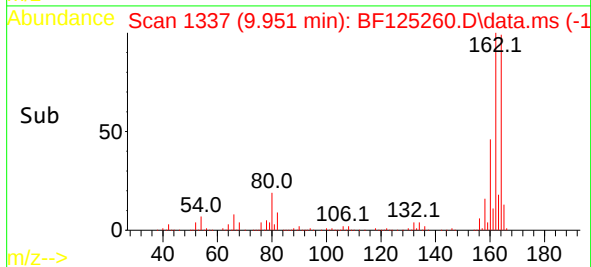
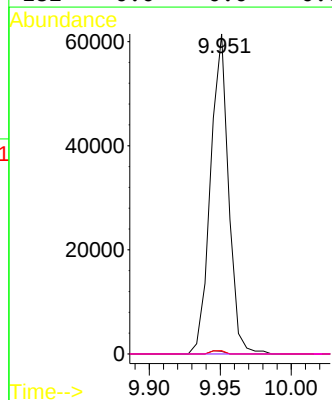
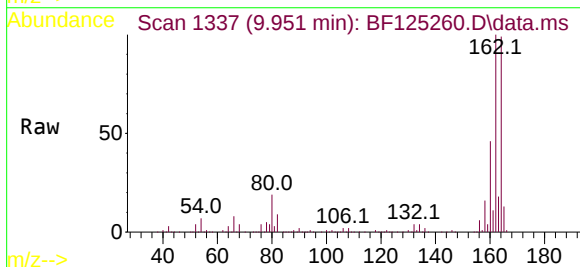
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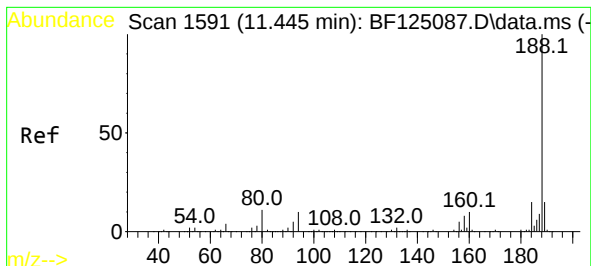
Tgt Ion:165 Resp: 54466
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.050 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion:165 Resp: 54466
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

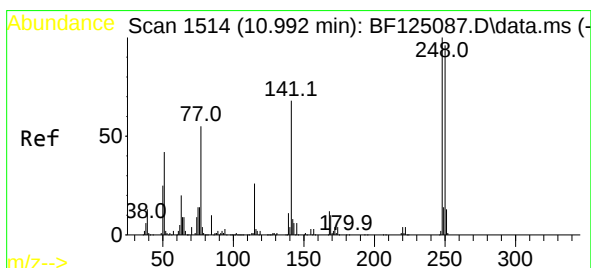
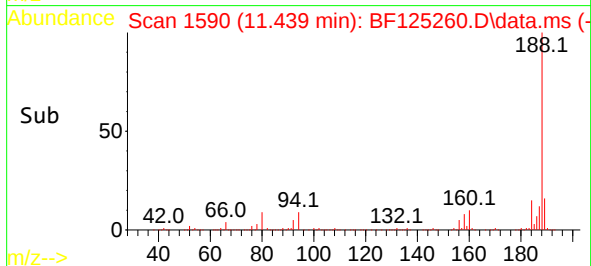
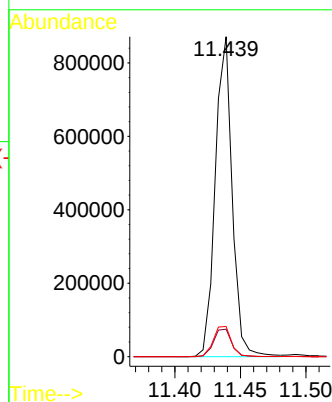
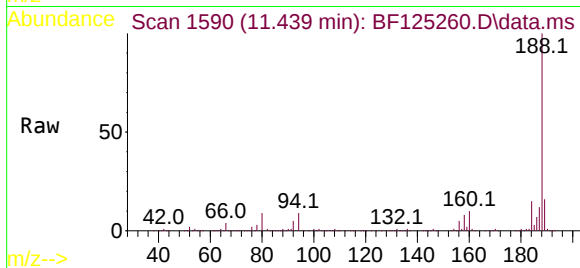




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

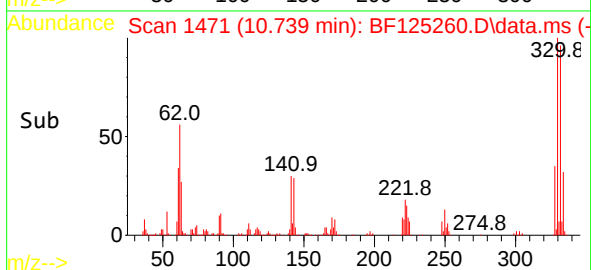
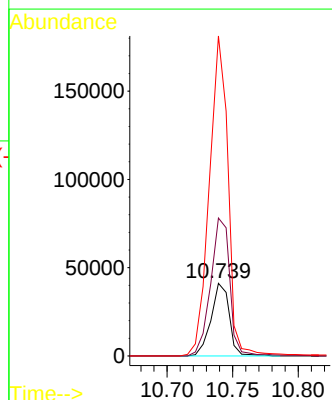
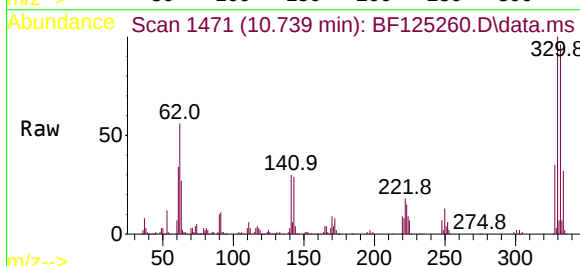
Instrument :
BNA_F
ClientSampleId :
PB138793BL

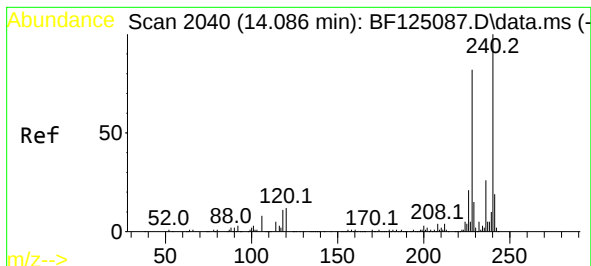
Tgt Ion:188 Resp: 781132
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion:248 Resp: 39989
Ion Ratio Lower Upper
248 100
250 189.8 74.2 111.4#
141 440.1 60.4 90.6#

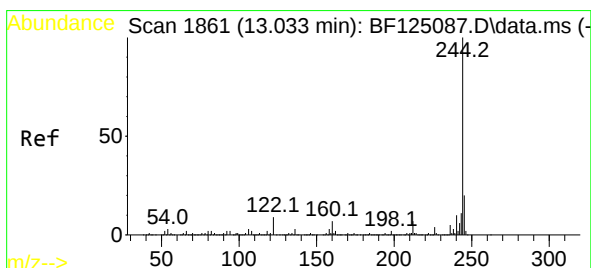
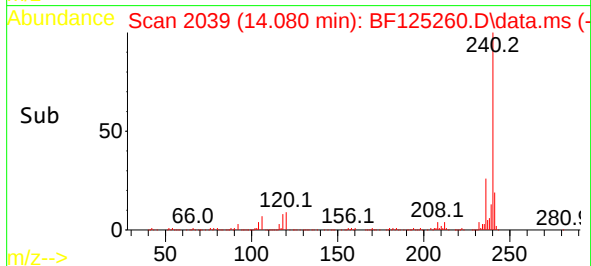
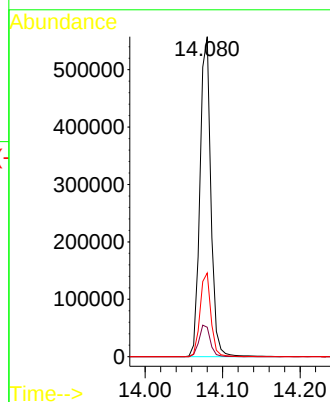
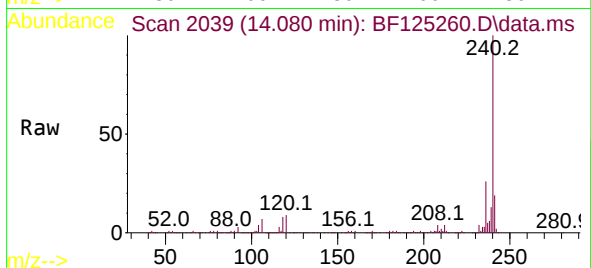




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

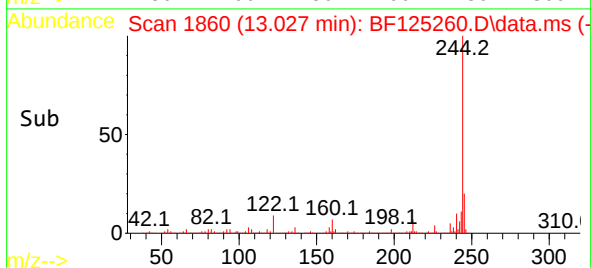
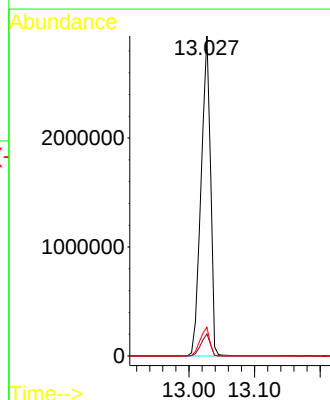
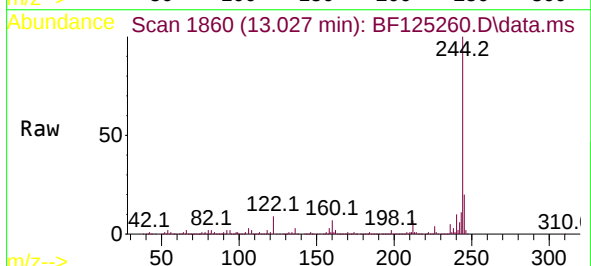
Instrument :
BNA_F
ClientSampleId :
PB138793BL

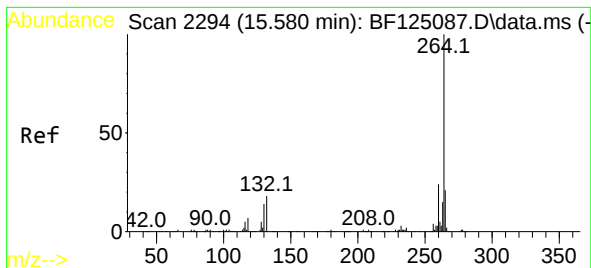
Tgt Ion:240 Resp: 544028
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 85.998 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125260.D
Acq: 30 Aug 2021 13:20

Tgt Ion:244 Resp: 2936757
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.0 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: BF125260.D
Acq: 30 Aug 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB138793BL

Tgt Ion:264 Resp: 441477
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.7 17.2 25.8

