

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125133.D
 Acq On : 20 Aug 2021 14:13
 Operator : JU/CG
 Sample : M3430-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2D

Quant Time: Aug 20 18:32:13 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)

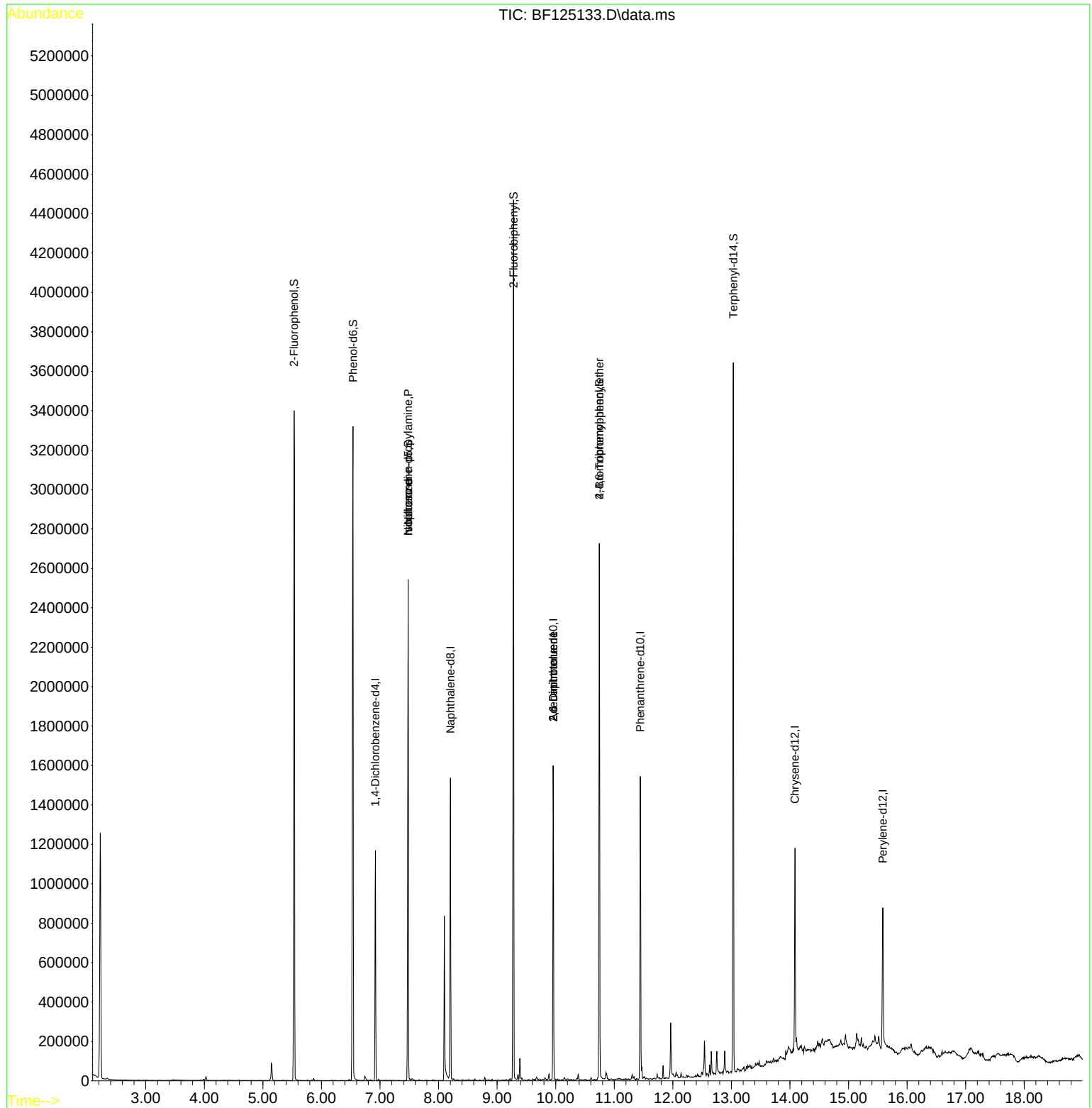
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	157121	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	605965	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	313185	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	523769	20.000	ng	0.00
76) Chrysene-d12	14.086	240	337985	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	329426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	900285	86.727	ng	0.00
7) Phenol-d6	6.540	99	1122396	83.602	ng	0.00
23) Nitrobenzene-d5	7.481	82	743806	61.796	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	310484	99.314	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1321154	58.794	ng	0.00
79) Terphenyl-d14	13.033	244	1213335	57.190	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	101062	12.515	ng	# 60
25) Isophorone	7.481	82	740754	31.902	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40991	8.710	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40991	7.197	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	20259	3.221	ng	# 1

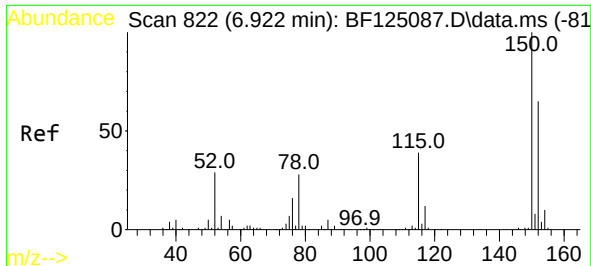
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

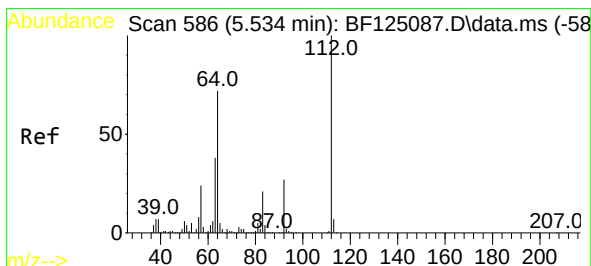
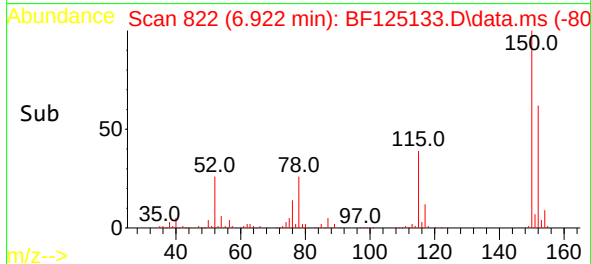
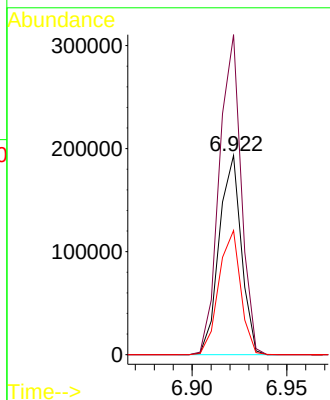
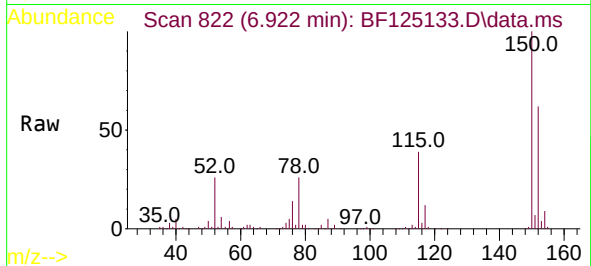




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

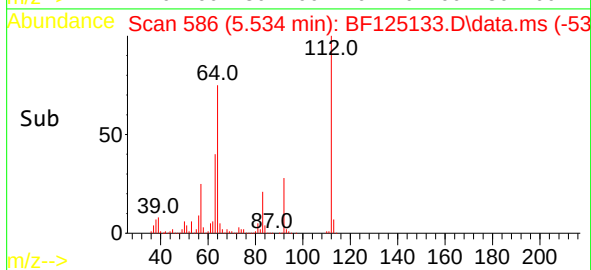
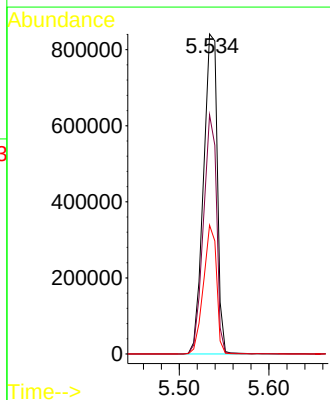
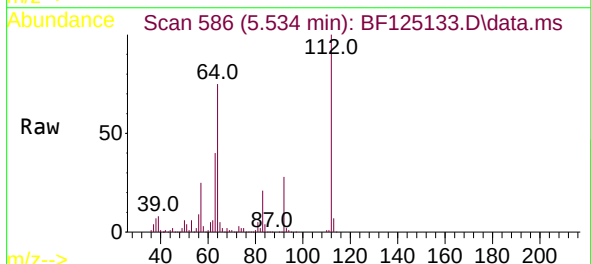
Instrument :
BNA_F
ClientSampleId :
PE-2D

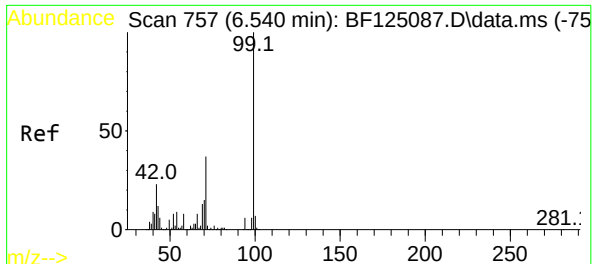
Tgt Ion:152 Resp: 157121
Ion Ratio Lower Upper
152 100
150 160.6 117.6 176.4
115 62.3 47.1 70.7



#5
2-Fluorophenol
Concen: 86.727 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion:112 Resp: 900285
Ion Ratio Lower Upper
112 100
64 74.8 44.2 66.2#
63 40.3 26.2 39.2#

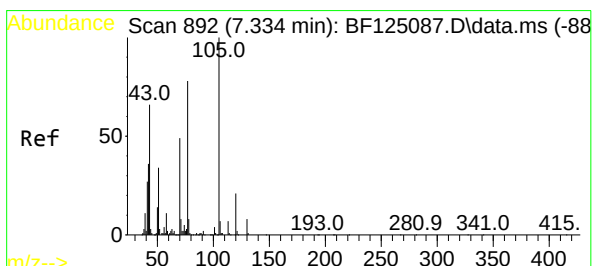
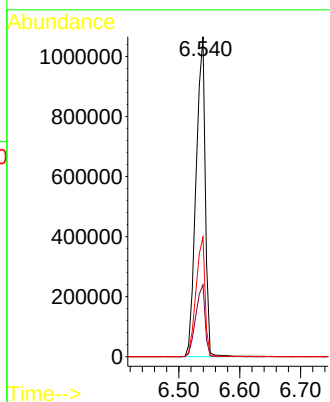
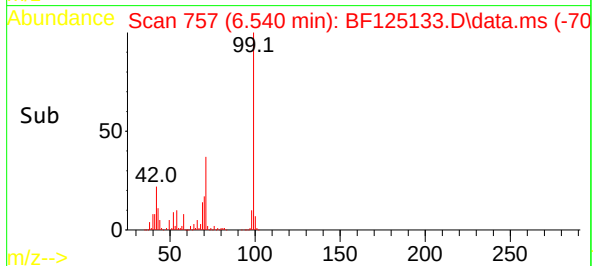
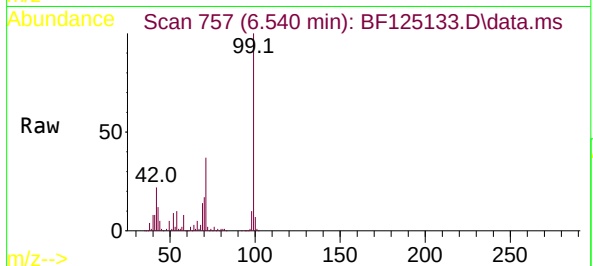




#7
Phenol-d6
Concen: 83.602 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

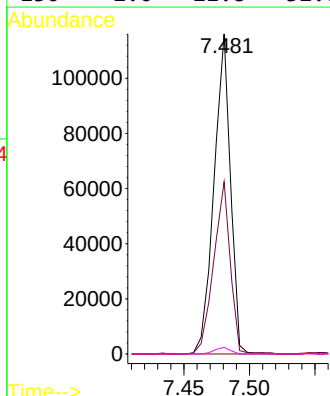
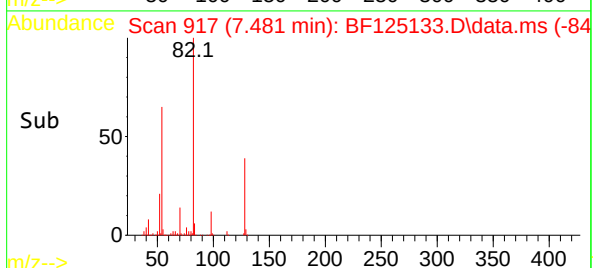
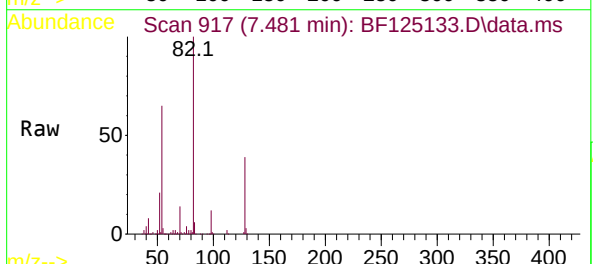
Instrument :
BNA_F
ClientSampleId :
PE-2D

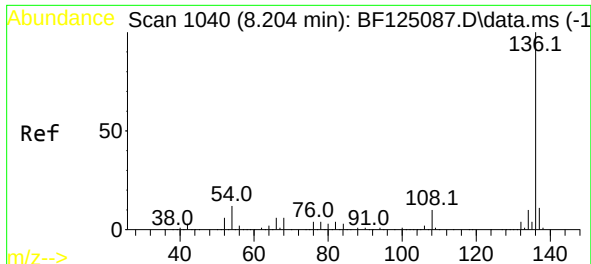
Tgt Ion: 99 Resp: 1122396
Ion Ratio Lower Upper
99 100
42 22.4 23.5 35.3#
71 37.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.515 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion: 70 Resp: 101062
Ion Ratio Lower Upper
70 100
42 53.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

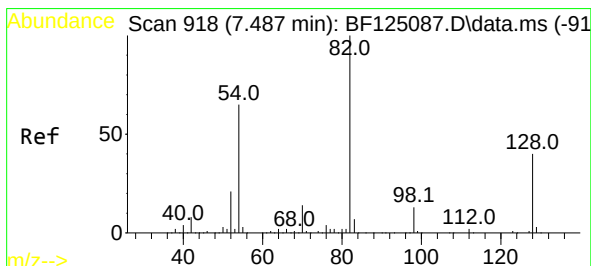
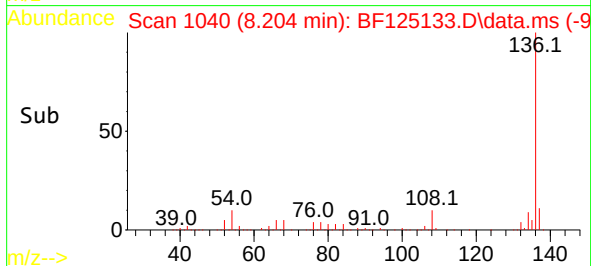
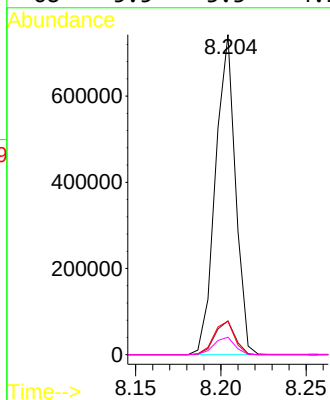
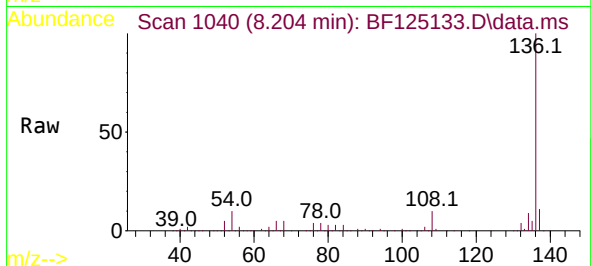




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

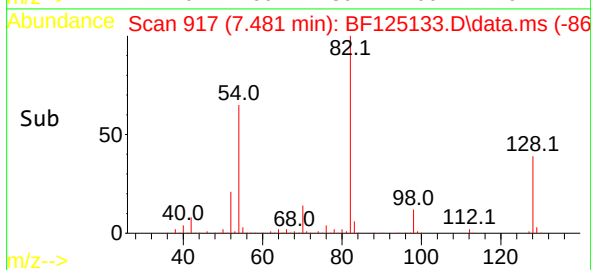
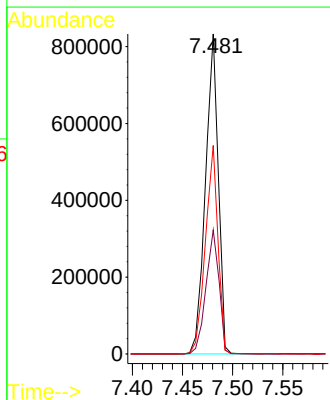
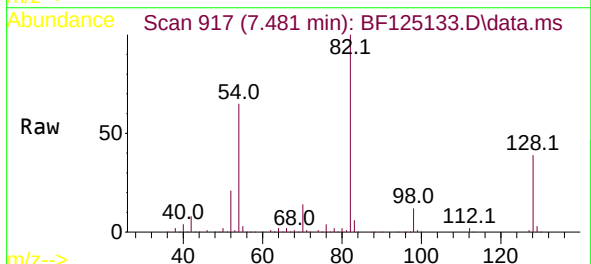
Instrument :
BNA_F
ClientSampled :
PE-2D

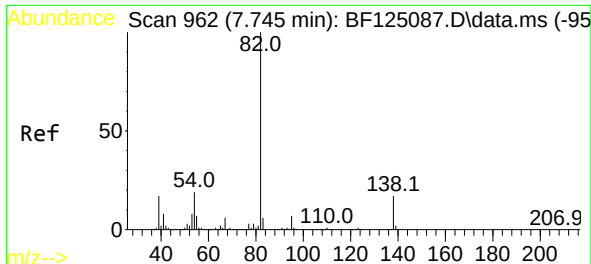
Tgt Ion:	136	Resp:	605965
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	10.5	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.796 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion:	82	Resp:	743806
Ion Ratio	Lower	Upper	
82	100		
128	38.8	40.6	60.8#
54	65.1	49.6	74.4

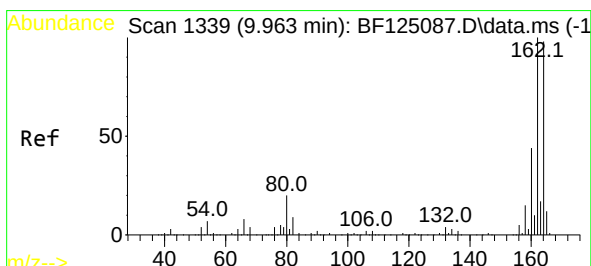
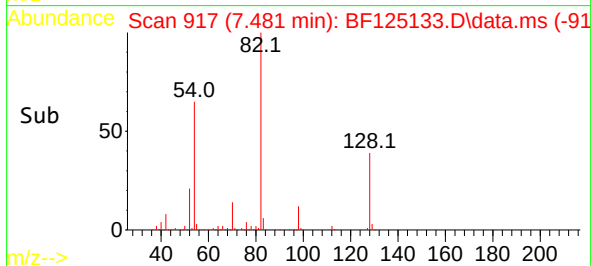
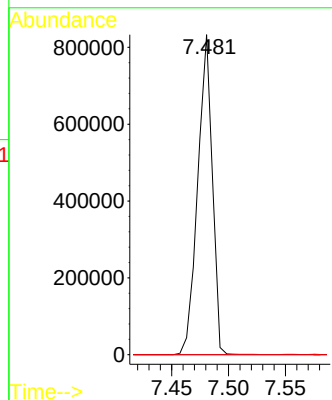
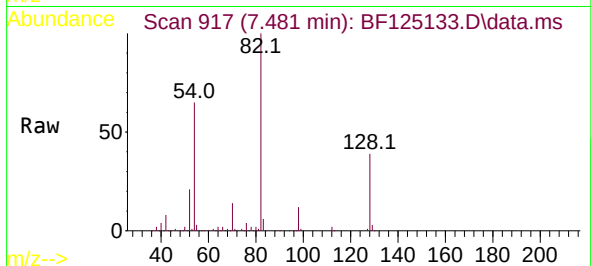




#25
Isophorone
Concen: 31.902 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

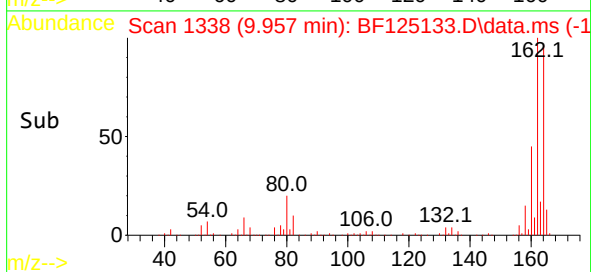
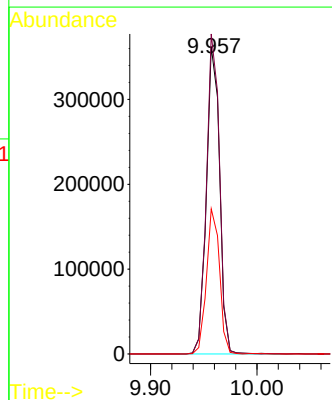
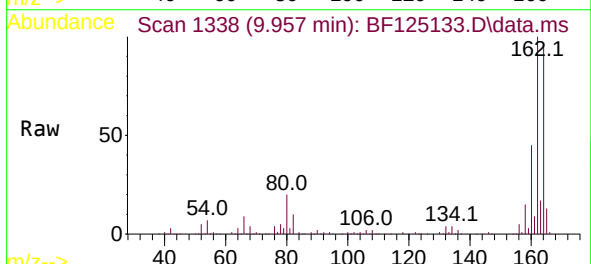
Instrument :
BNA_F
ClientSampleId :
PE-2D

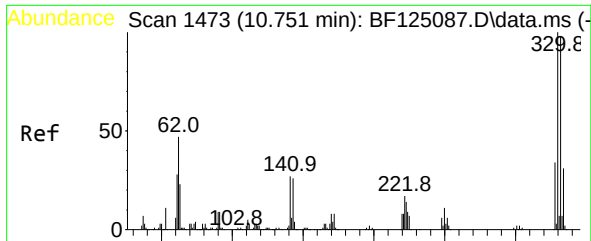
Tgt Ion: 82 Resp: 740754
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

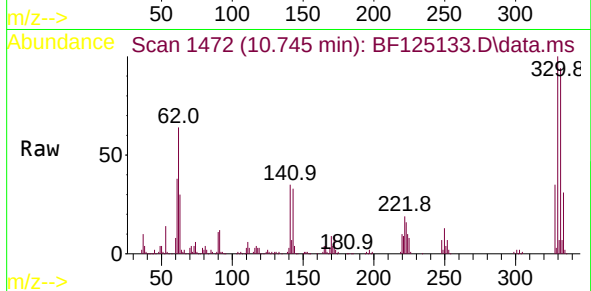
Tgt Ion: 164 Resp: 313185
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 47.3 38.0 57.0



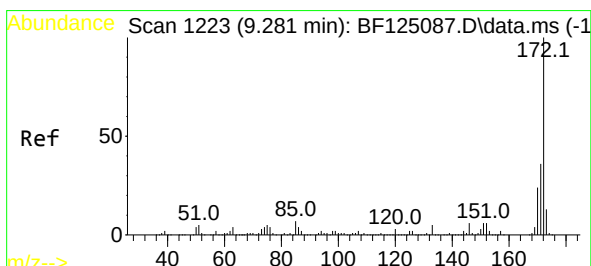
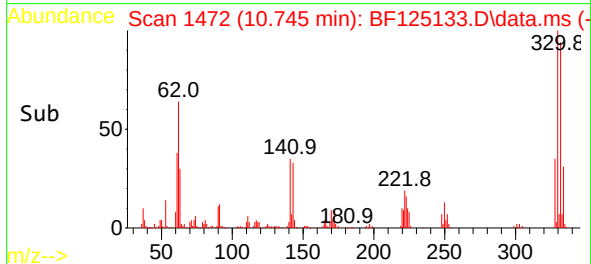
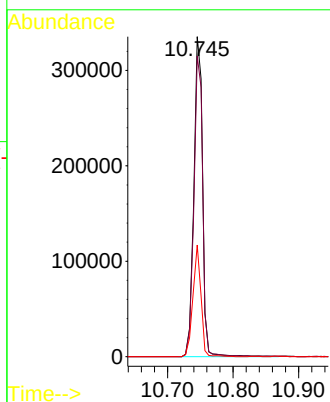


#42
2,4,6-Tribromophenol
Concen: 99.314 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Instrument :
BNA_F
ClientSampleId :
PE-2D

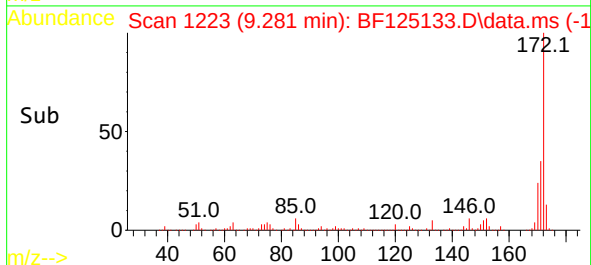
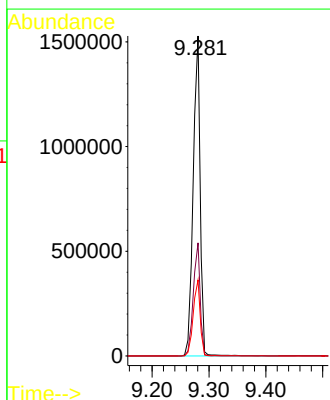
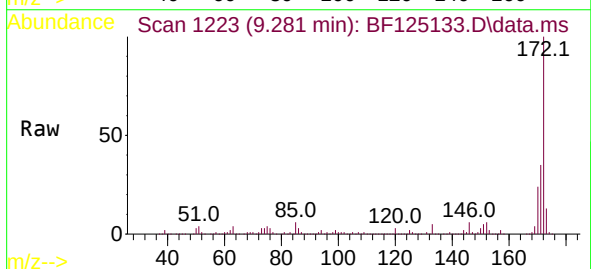


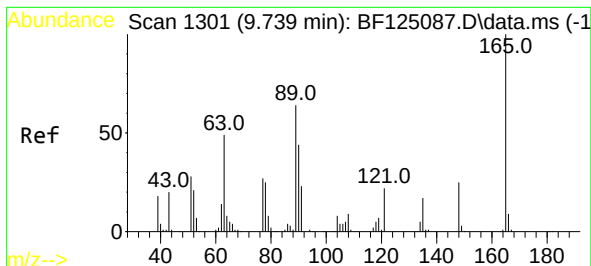
Tgt Ion:330 Resp: 310484
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 32.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.794 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion:172 Resp: 1321154
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.8 18.8 28.2

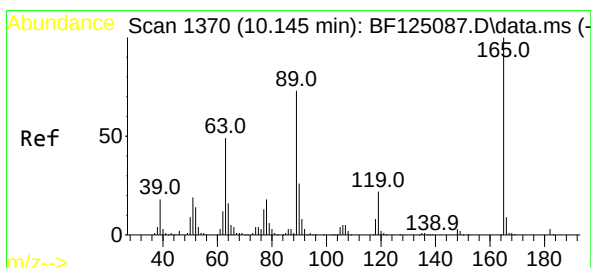
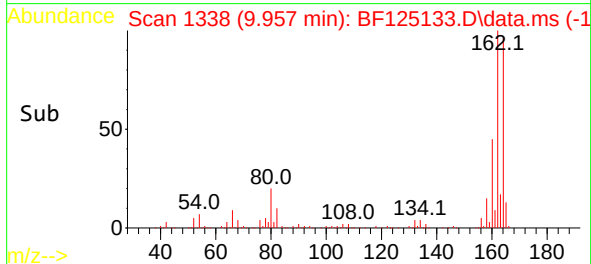
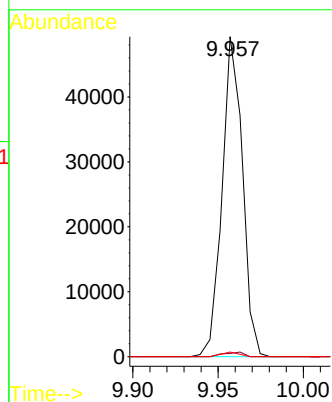
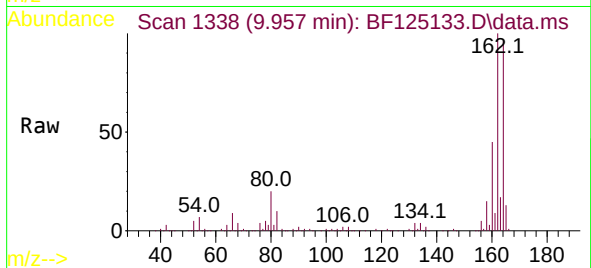




#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

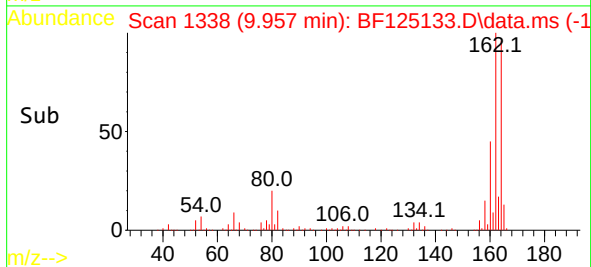
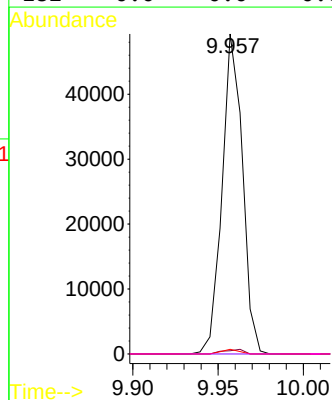
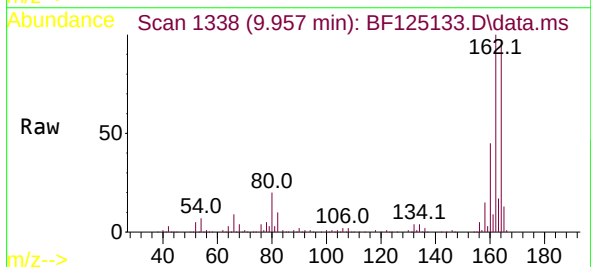
Instrument :
BNA_F
ClientSampled :
PE-2D

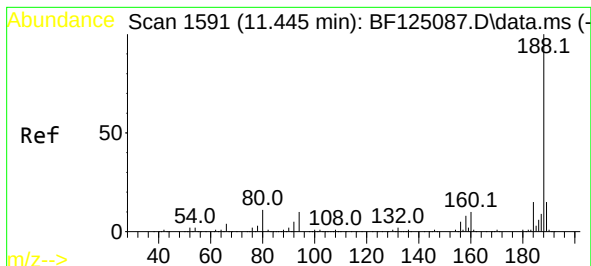
Tgt Ion:165 Resp: 40991
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.197 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion:165 Resp: 40991
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

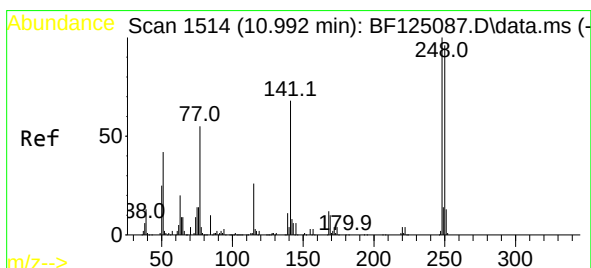
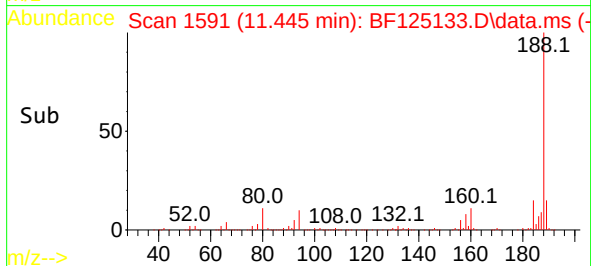
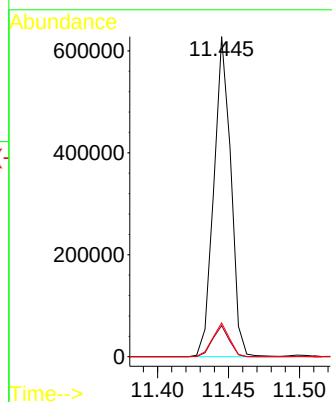
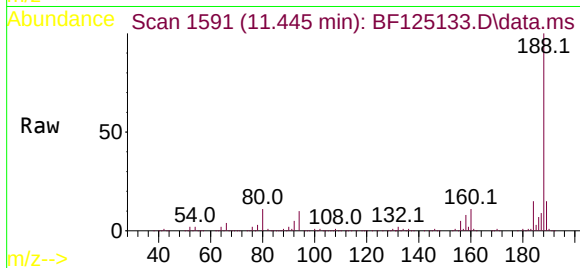




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

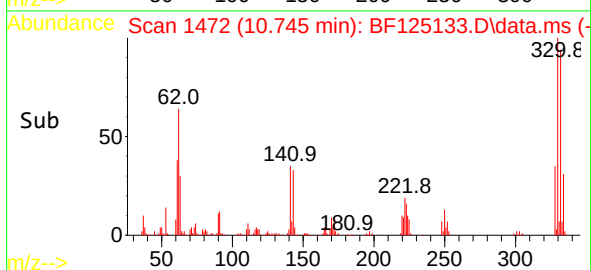
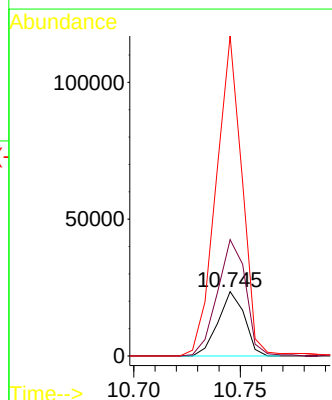
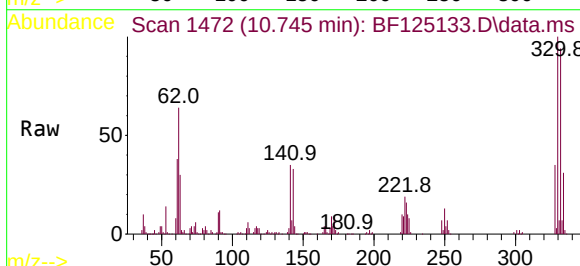
Instrument :
BNA_F
ClientSampleId :
PE-2D

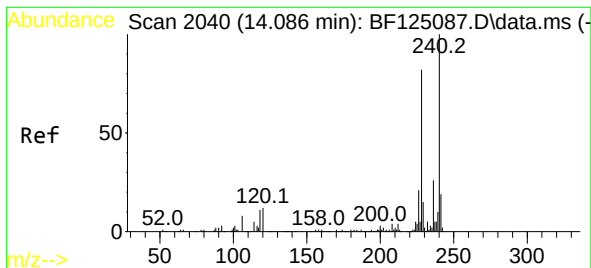
Tgt Ion:188 Resp: 523769
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion:248 Resp: 20259
Ion Ratio Lower Upper
248 100
250 180.9 74.2 111.4#
141 497.3 60.4 90.6#

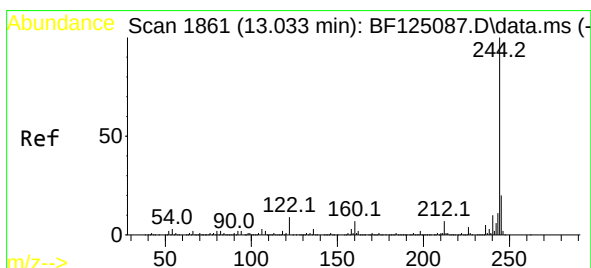
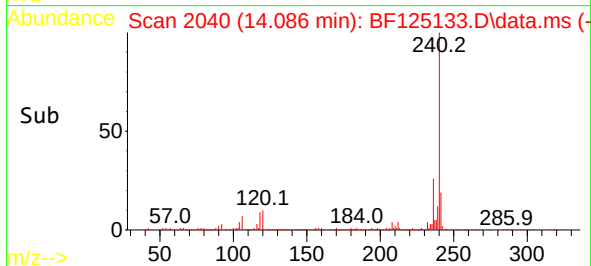
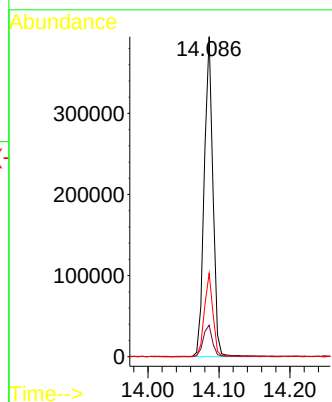
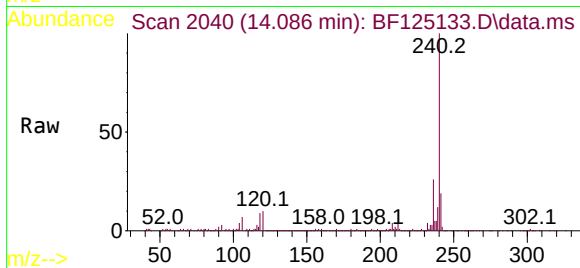




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

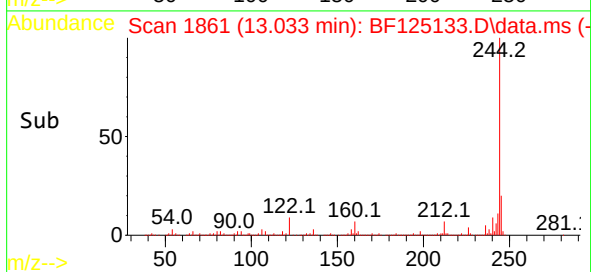
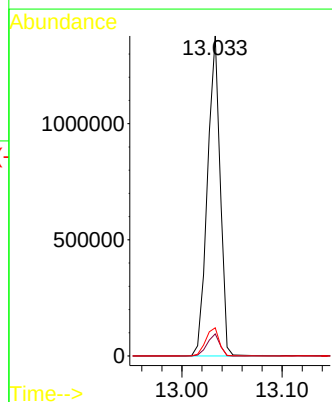
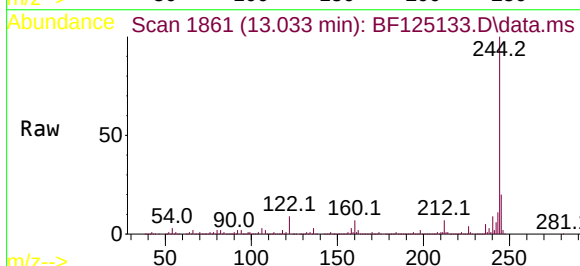
Instrument :
BNA_F
ClientSampleId :
PE-2D

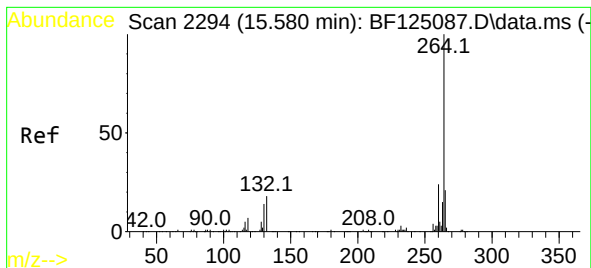
Tgt Ion:240 Resp: 337985
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 57.190 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125133.D
Acq: 20 Aug 2021 14:13

Tgt Ion:244 Resp: 1213335
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.8 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.006 min

Lab File: BF125133.D

Acq: 20 Aug 2021 14:13

Tgt Ion:264 Resp: 329426

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.3 17.2 25.8

