

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125447.D
 Acq On : 13 Sep 2021 16:47
 Operator : JU/CG
 Sample : PB139022BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139022BL

Quant Time: Sep 13 17:57:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

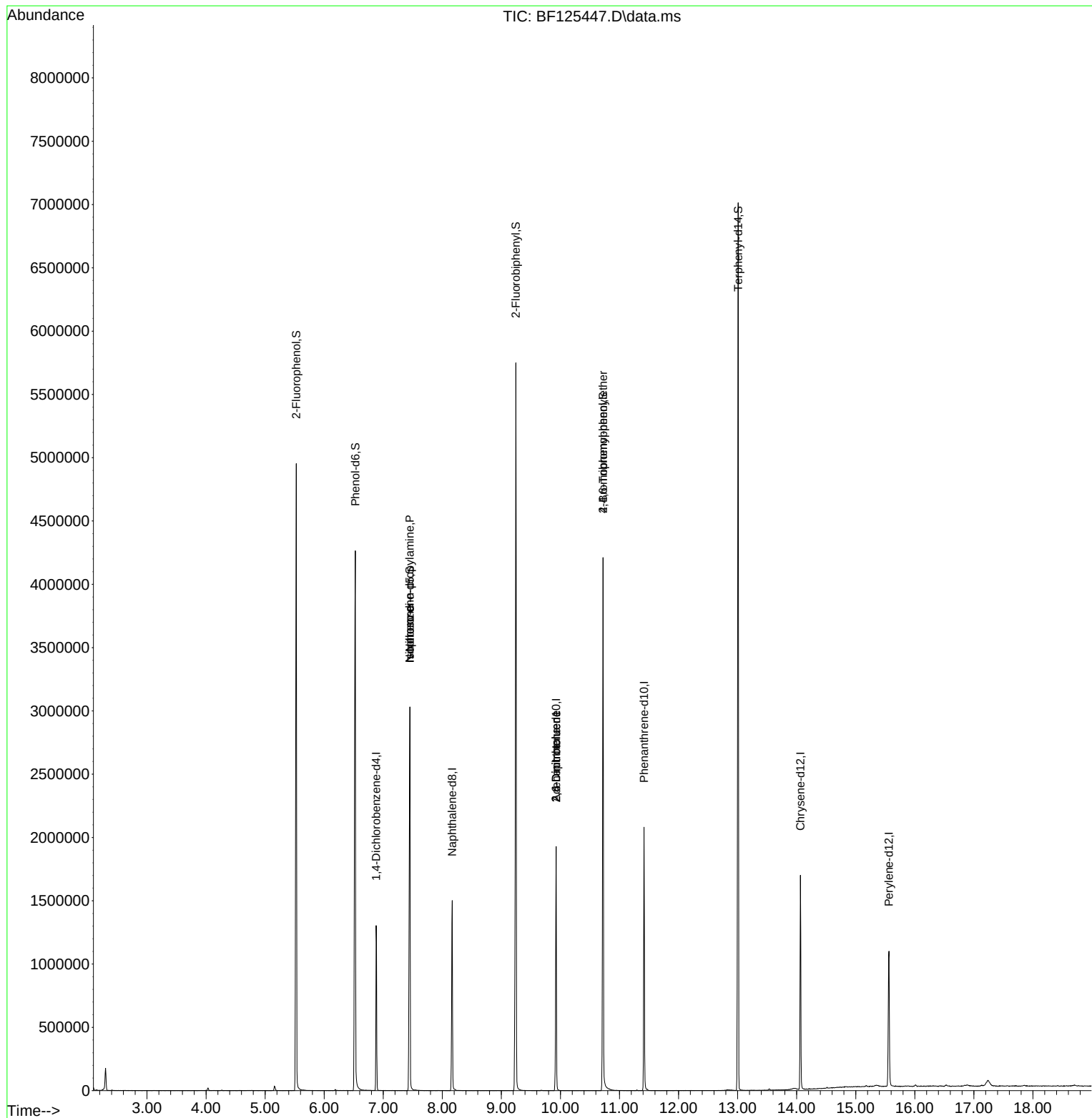
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	198119	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	776325	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	411631	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	791598	20.000	ng	0.00
76) Chrysene-d12	14.063	240	614343	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	535875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1355307	103.543	ng	0.01
7) Phenol-d6	6.528	99	1707167	100.845	ng	0.00
23) Nitrobenzene-d5	7.451	82	1175021	76.199	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	601505	146.388	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2126775	72.010	ng	0.00
79) Terphenyl-d14	13.010	244	2630632	68.217	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	159610	15.675	ng	# 54
25) Isophorone	7.451	82	1161120	39.032	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	55145	8.915	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	55145	7.366	ng	# 20
67) 4-Bromophenyl-phenylether	10.722	248	36091	3.797	ng	# 1

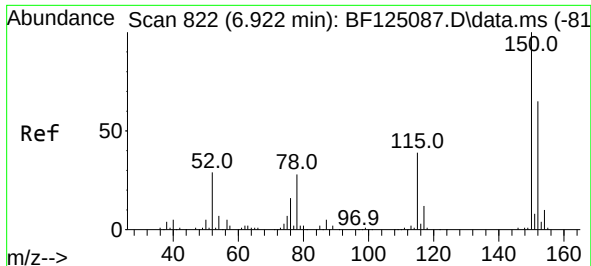
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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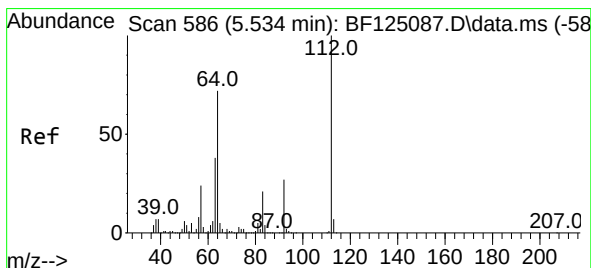
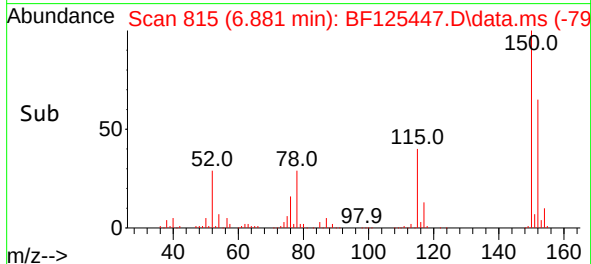
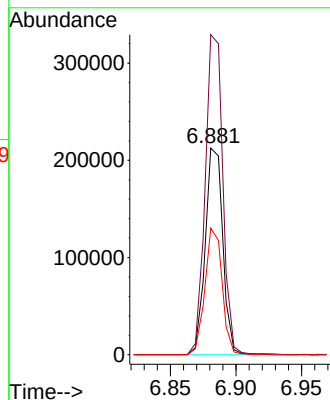
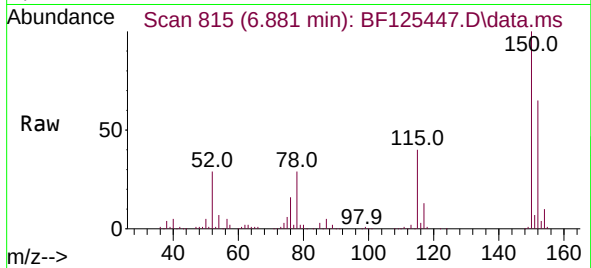




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

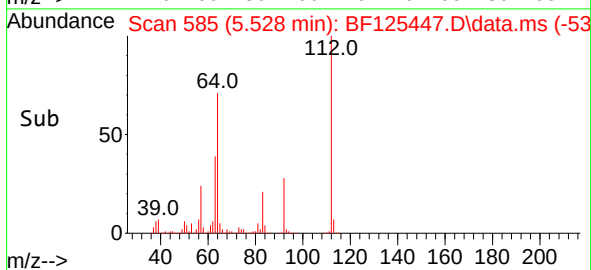
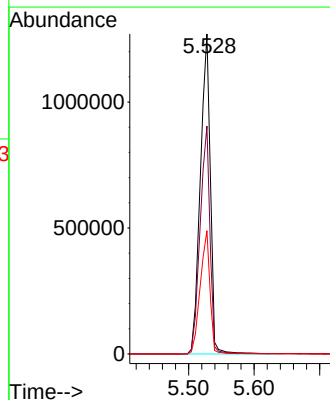
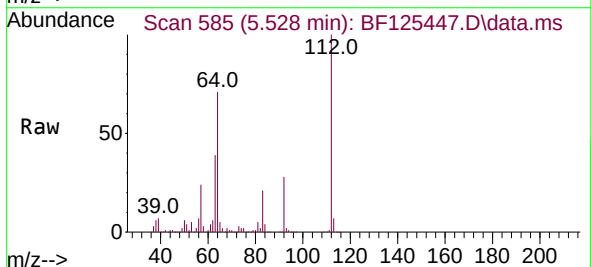
Instrument :
BNA_F
ClientSampleId :
PB139022BL

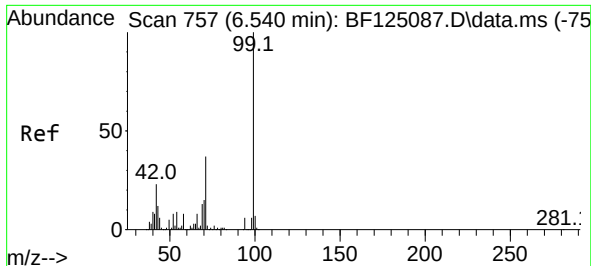
Tgt Ion:152 Resp: 198119
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 103.543 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion:112 Resp: 1355307
Ion Ratio Lower Upper
112 100
64 71.2 44.2 66.2#
63 38.5 26.2 39.2

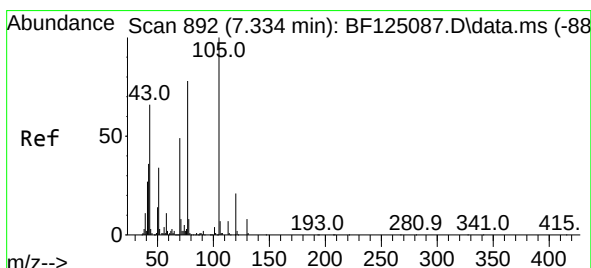
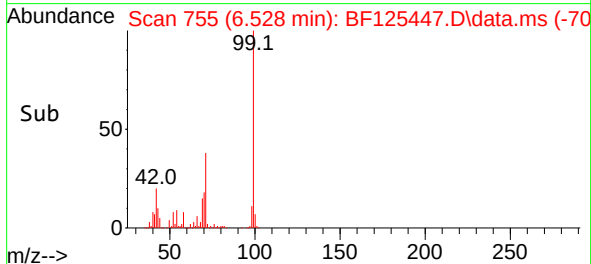
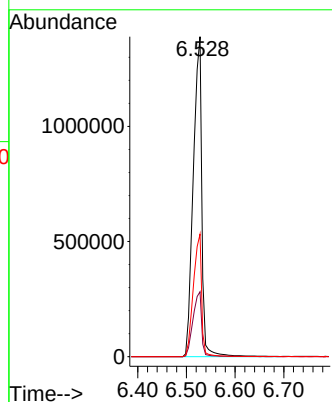
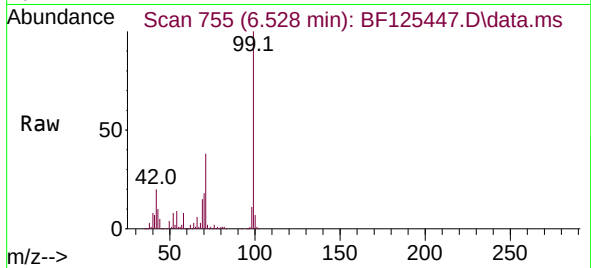




#7
Phenol-d6
Concen: 100.845 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

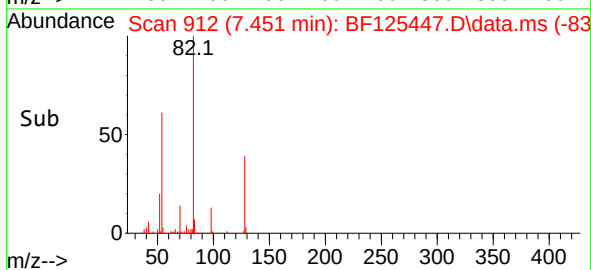
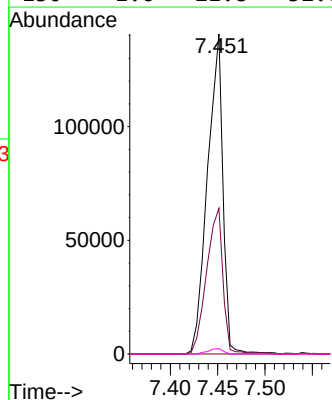
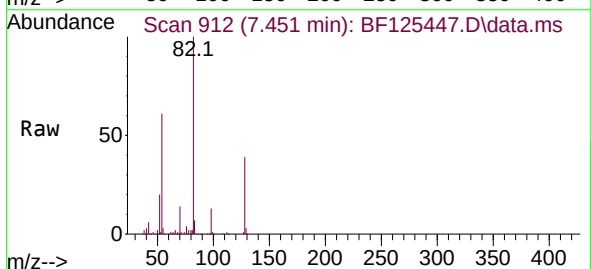
Instrument :
BNA_F
ClientSampleId :
PB139022BL

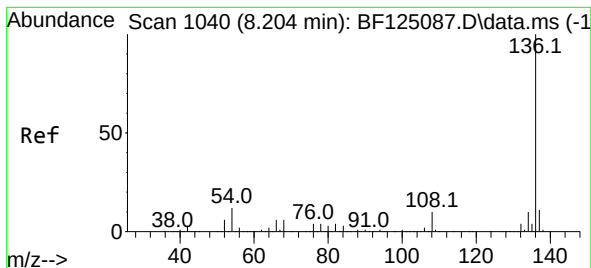
Tgt Ion: 99 Resp: 1707167
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 38.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.675 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion: 70 Resp: 159610
Ion Ratio Lower Upper
70 100
42 45.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

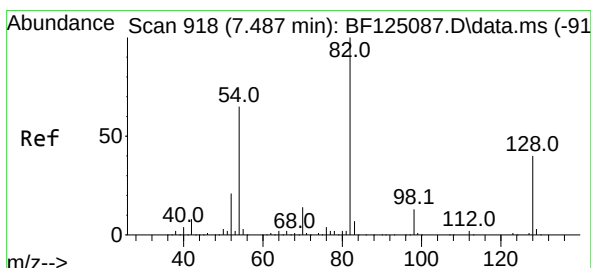
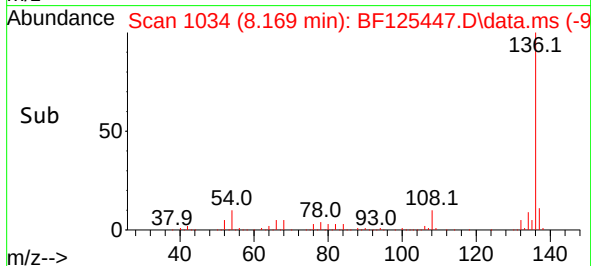
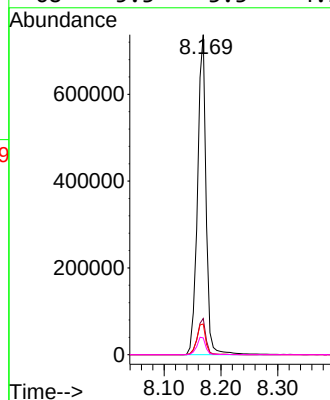
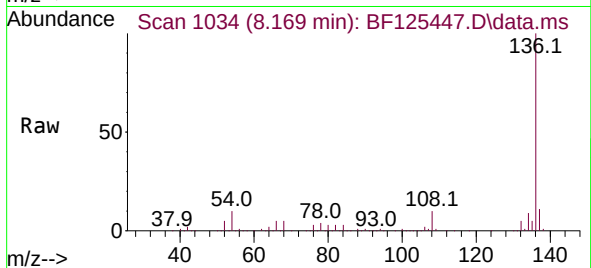




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

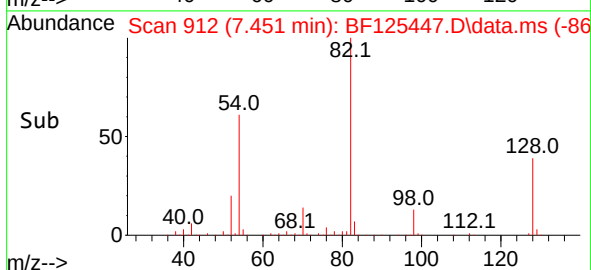
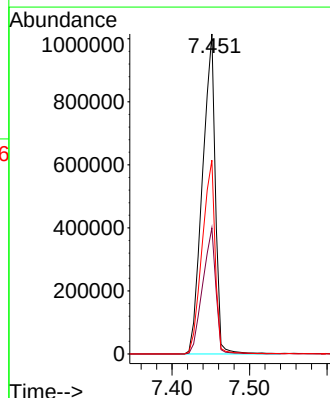
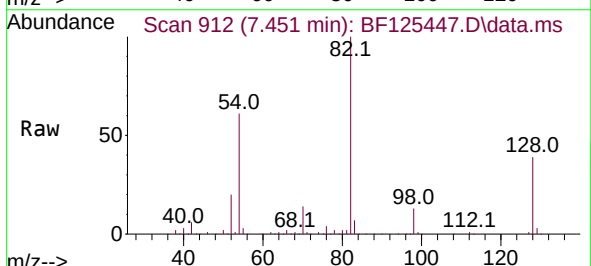
Instrument :
BNA_F
ClientSampleId :
PB139022BL

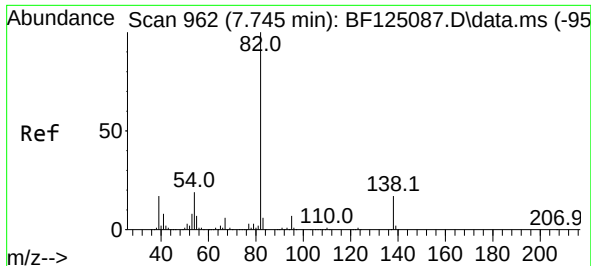
Tgt Ion:	136	Resp:	776325
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.6
54	9.6	6.4	9.6
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 76.199 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion:	82	Resp:	1175021
Ion Ratio	Lower	Upper	
82	100		
128	39.4	40.6	60.8#
54	60.6	49.6	74.4

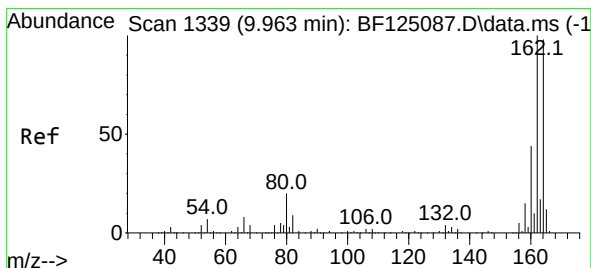
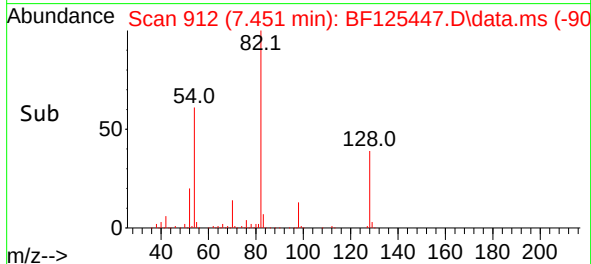
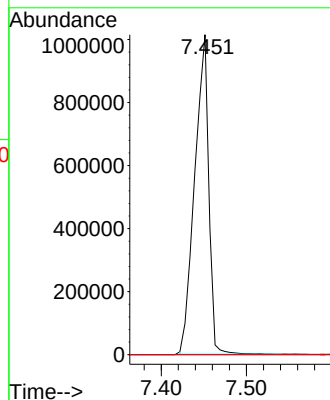
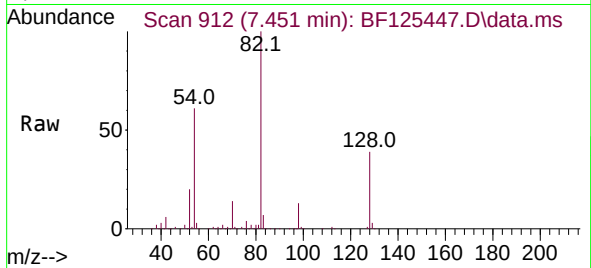




#25
Isophorone
Concen: 39.032 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.264 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

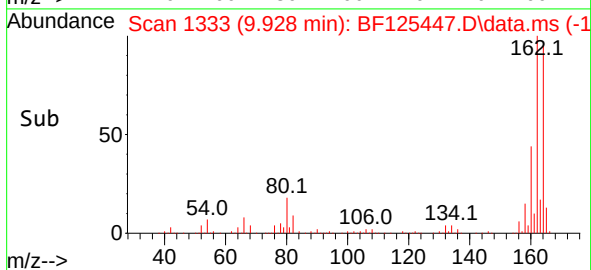
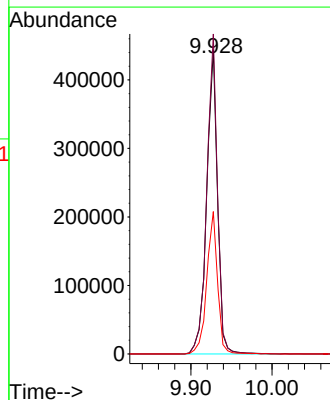
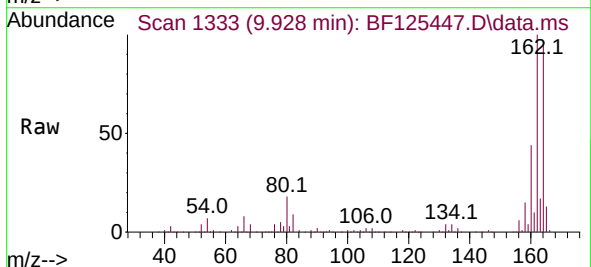
Instrument :
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ClientSampleId :
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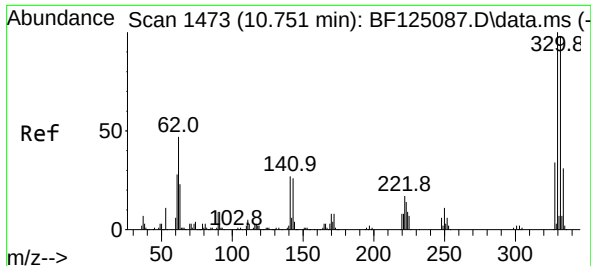
Tgt Ion: 82 Resp: 1161120
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion:164 Resp: 411631
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 46.8 38.0 57.0

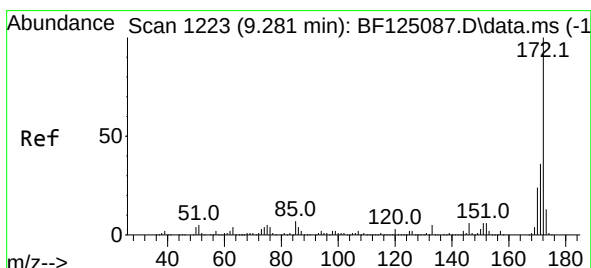
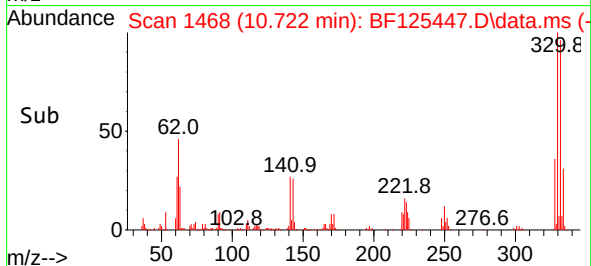
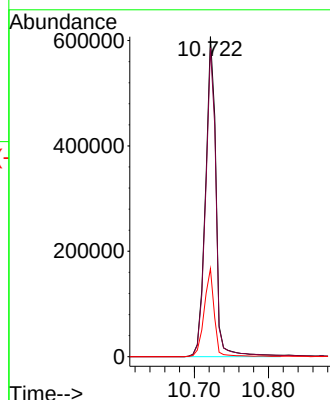
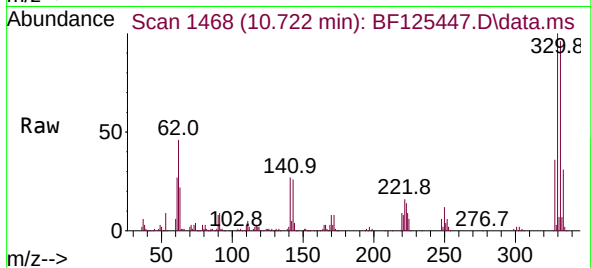




#42
2,4,6-Tribromophenol
Concen: 146.388 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

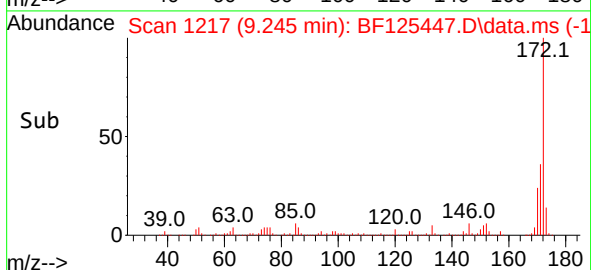
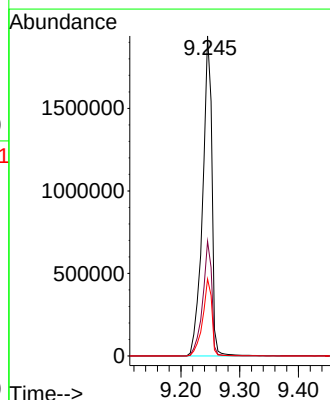
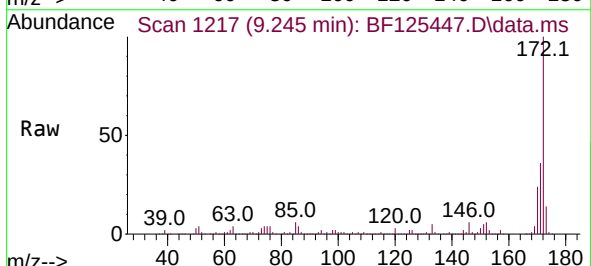
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BNA_F
ClientSampleId :
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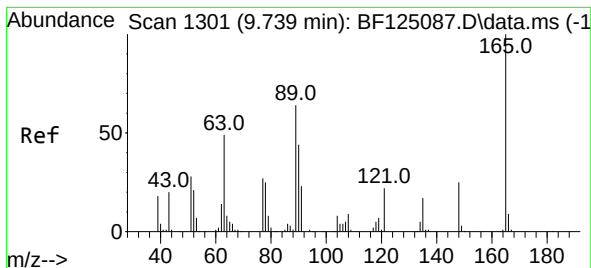
Tgt Ion: 330 Resp: 601505
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 26.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 72.010 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion: 172 Resp: 2126775
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.1 18.8 28.2

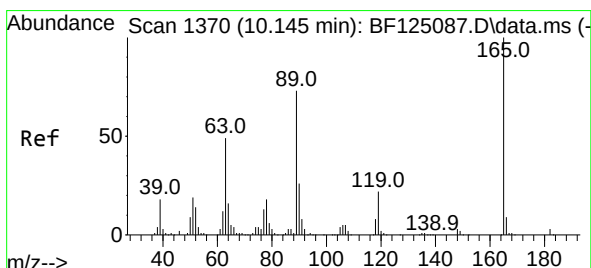
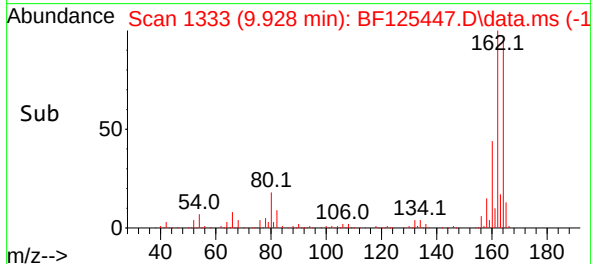
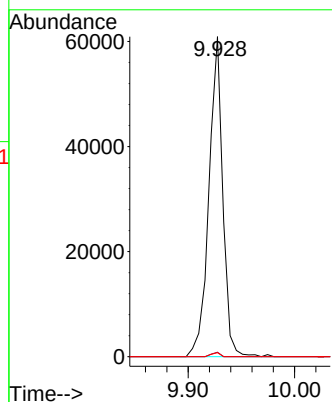
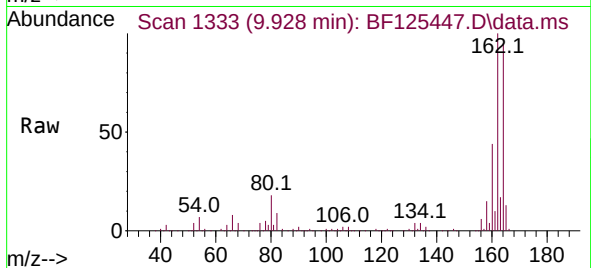




#51
2,6-Dinitrotoluene
Concen: 8.915 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

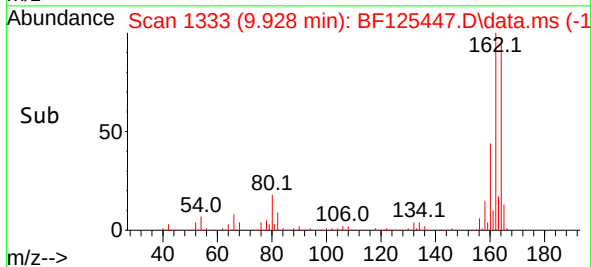
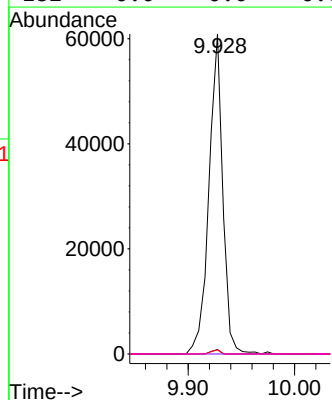
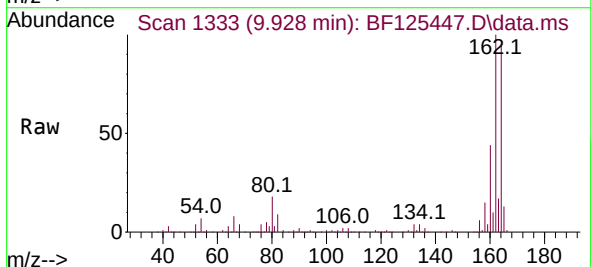
Instrument :
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ClientSampleId :
PB139022BL

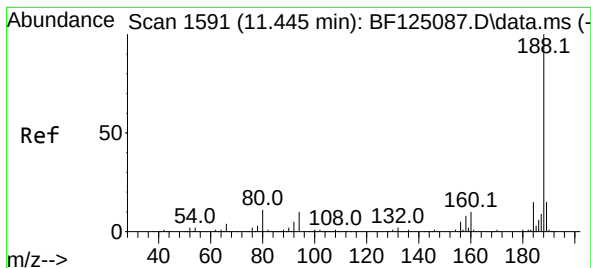
Tgt Ion:165 Resp: 55145
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.366 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion:165 Resp: 55145
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

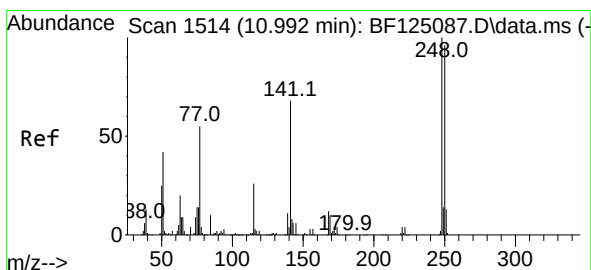
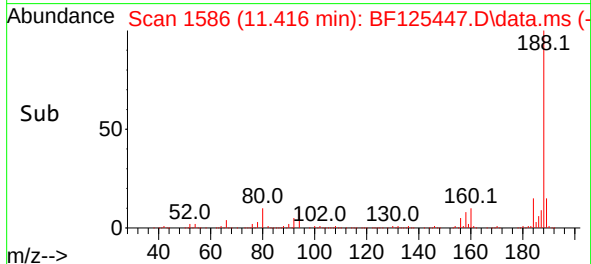
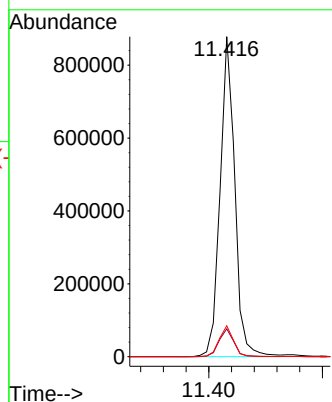
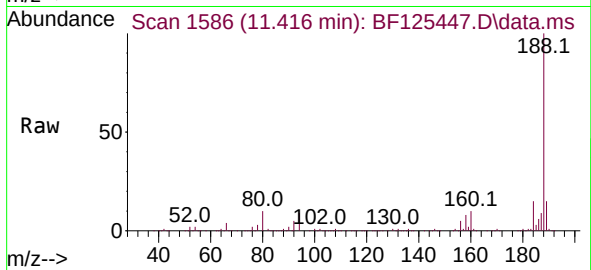




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

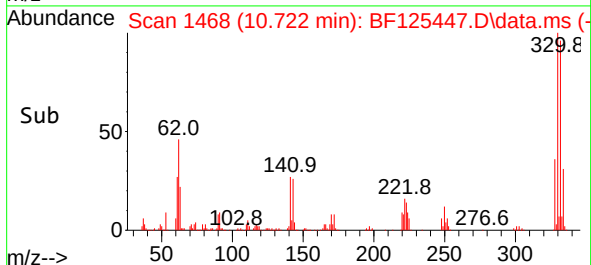
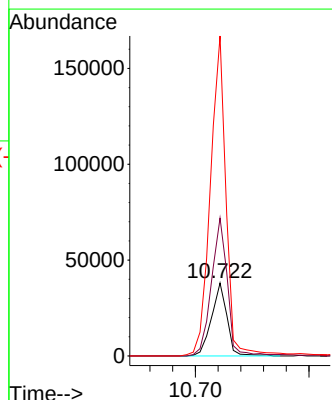
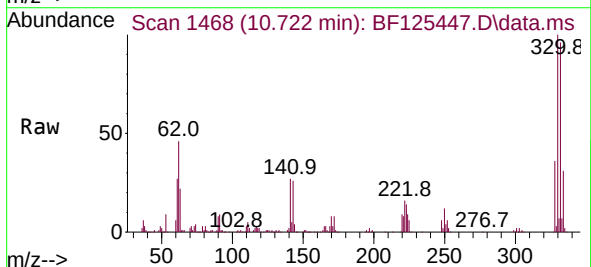
Instrument :
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ClientSampleId :
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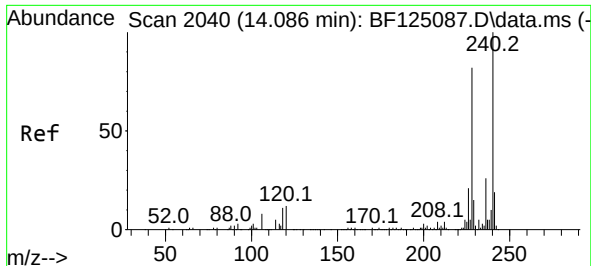
Tgt Ion:188 Resp: 791598
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.797 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion:248 Resp: 36091
Ion Ratio Lower Upper
248 100
250 188.8 74.2 111.4#
141 438.1 60.4 90.6#

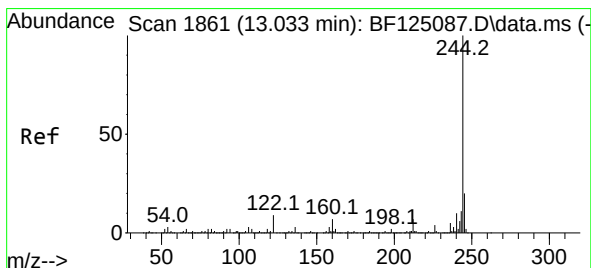
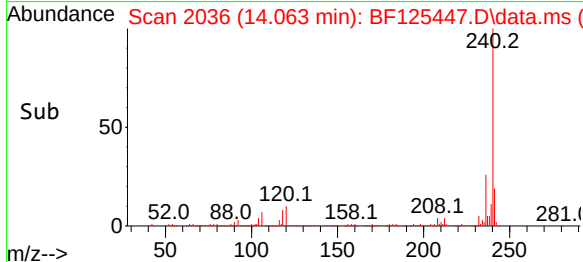
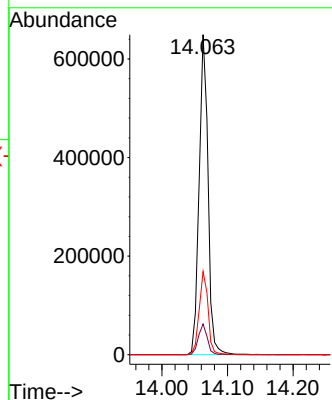
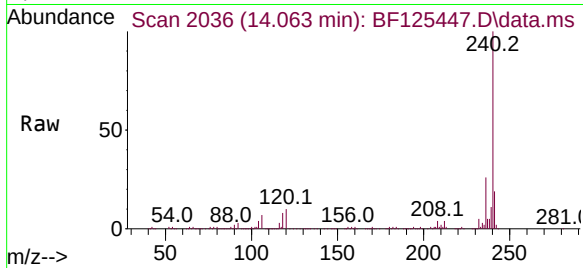




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

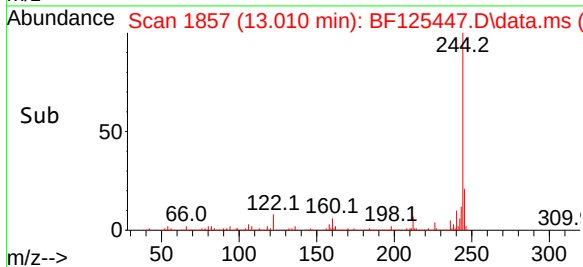
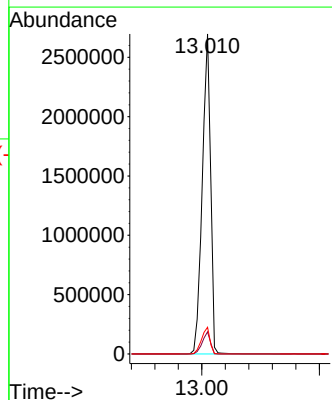
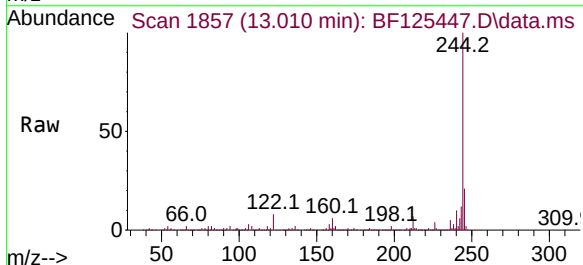
Instrument :
BNA_F
ClientSampleId :
PB139022BL

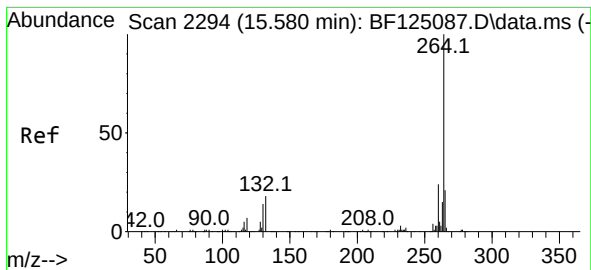
Tgt Ion:240 Resp: 614343
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 68.217 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125447.D
Acq: 13 Sep 2021 16:47

Tgt Ion:244 Resp: 2630632
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.3 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF125447.D
 Acq: 13 Sep 2021 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB139022BL

Tgt Ion:264 Resp: 535875
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.1 17.2 25.8

