

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125182.D
 Acq On : 24 Aug 2021 13:28
 Operator : JU/CG
 Sample : M3462-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-3

Quant Time: Aug 24 14:02:03 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)

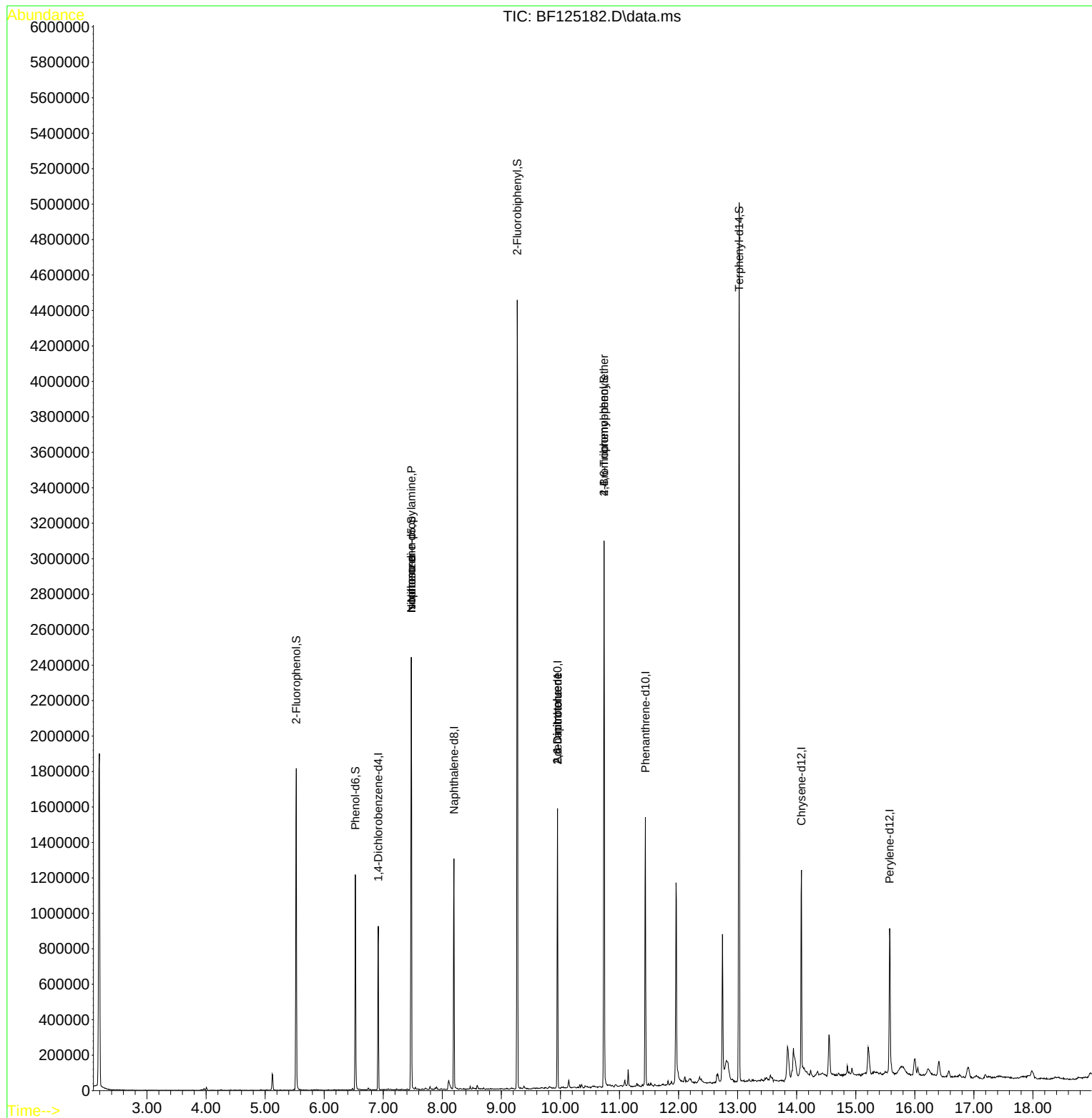
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	128996	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	509729	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	279389	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	530252	20.000	ng	0.00
76) Chrysene-d12	14.080	240	392753	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	365368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	426979	50.100	ng	0.00
7) Phenol-d6	6.528	99	333531	30.260	ng	-0.01
23) Nitrobenzene-d5	7.475	82	765323	75.588	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	380049	136.271	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1398498	69.764	ng	0.00
79) Terphenyl-d14	13.027	244	1713662	69.510	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	106602	16.079	ng	# 59
25) Isophorone	7.475	82	765313	39.182	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	36049	8.587	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	36049	7.095	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	23451	3.683	ng	# 1

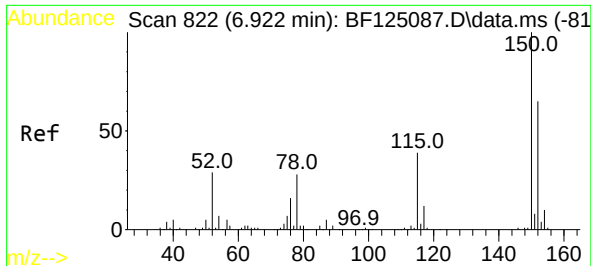
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

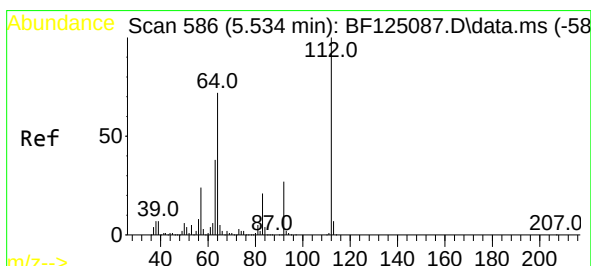
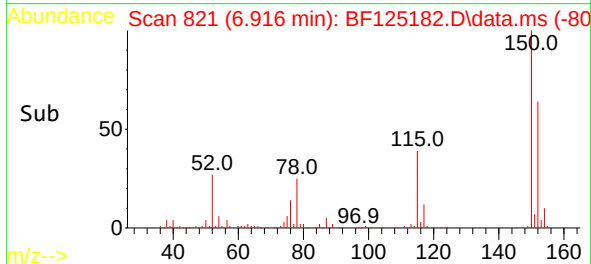
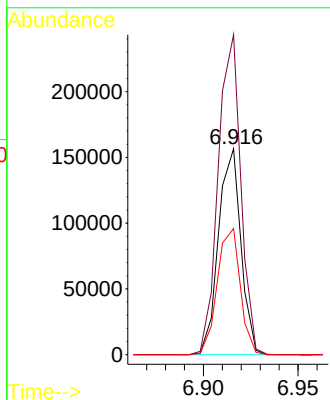
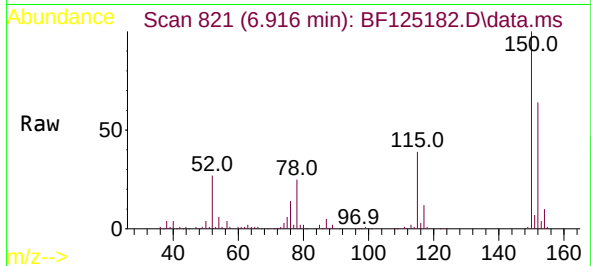




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

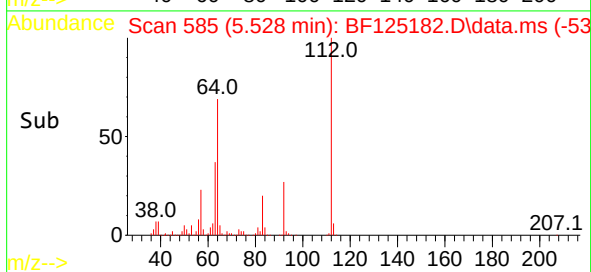
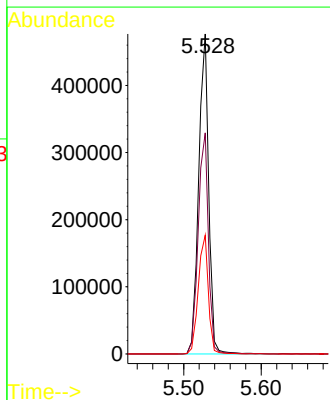
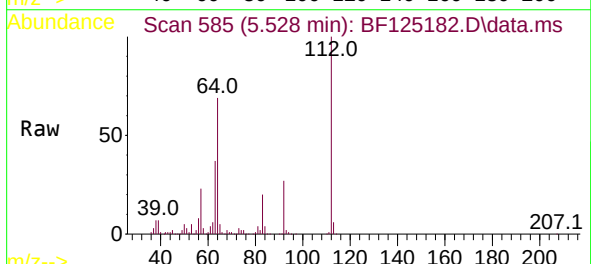
Instrument :
BNA_F
ClientSampleId :
WP-3

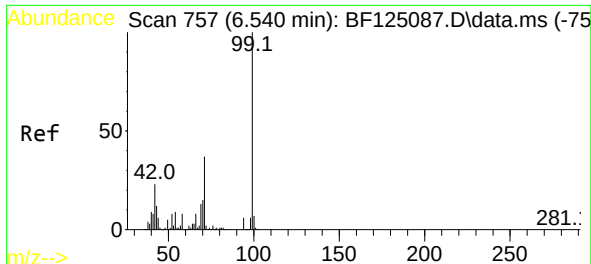
Tgt Ion:152 Resp: 128996
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 50.100 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion:112 Resp: 426979
Ion Ratio Lower Upper
112 100
64 69.1 44.2 66.2#
63 37.1 26.2 39.2

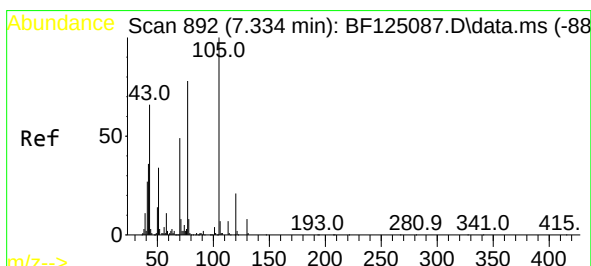
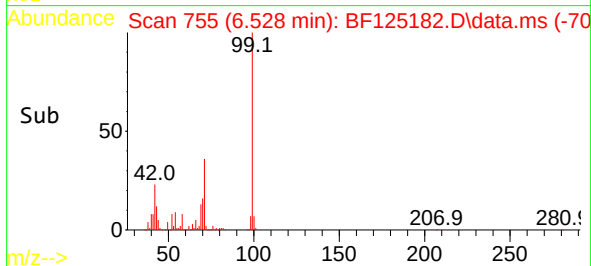
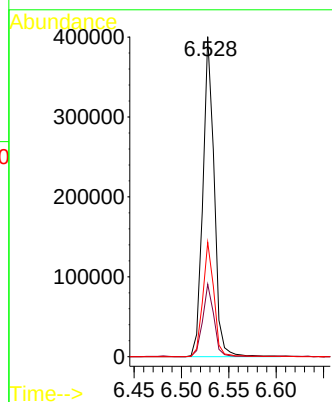
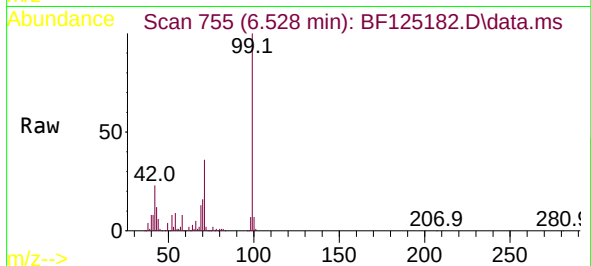




#7
Phenol-d6
Concen: 30.260 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

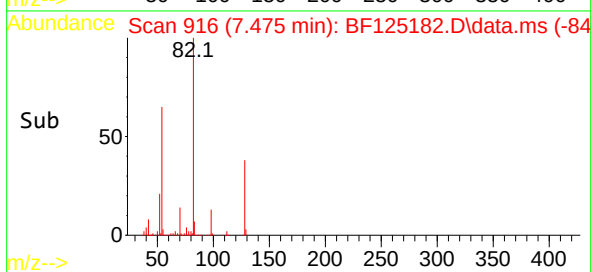
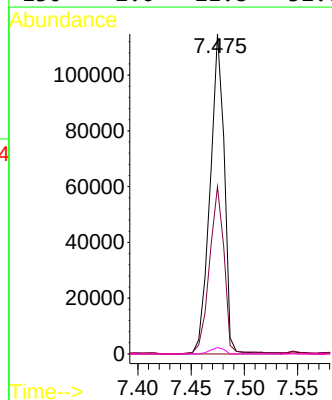
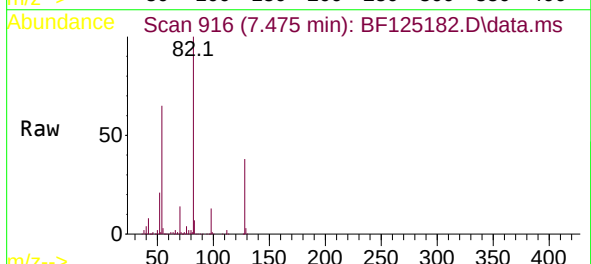
Instrument :
BNA_F
ClientSampleId :
WP-3

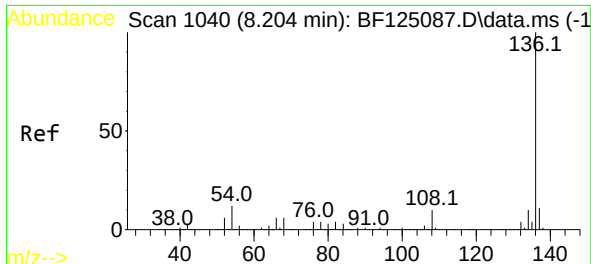
Tgt Ion: 99 Resp: 333531
Ion Ratio Lower Upper
99 100
42 22.6 23.5 35.3#
71 35.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.079 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion: 70 Resp: 106602
Ion Ratio Lower Upper
70 100
42 52.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

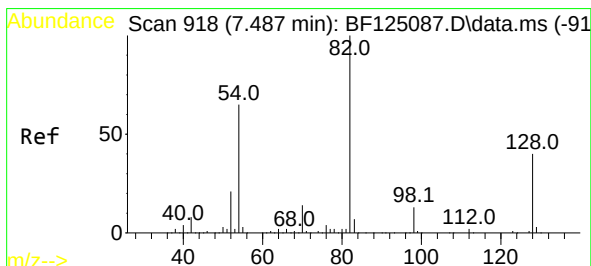
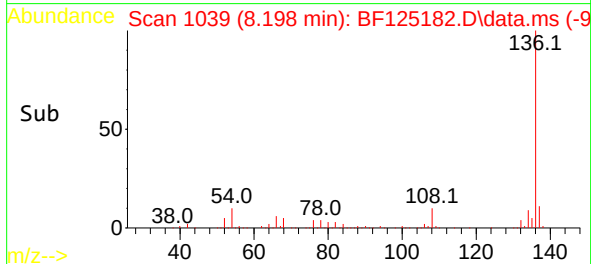
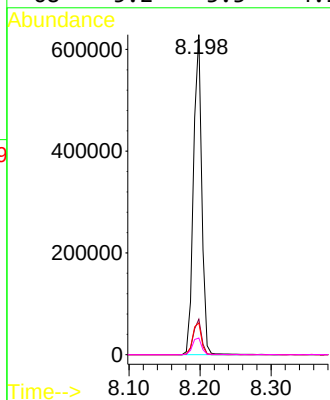
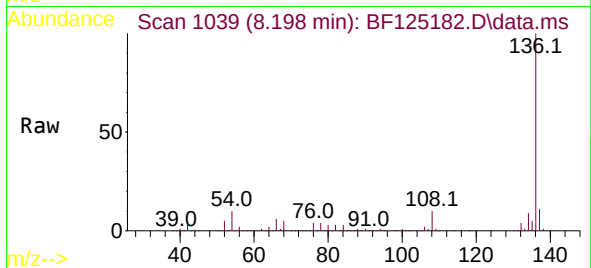




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

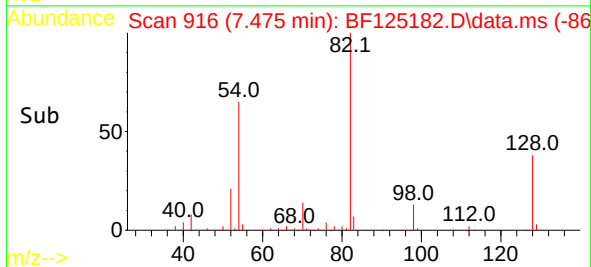
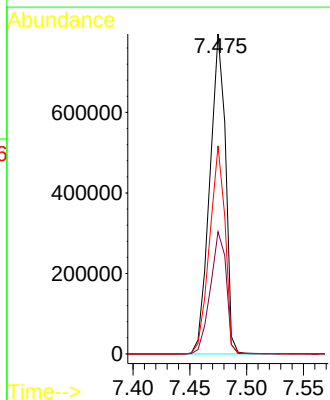
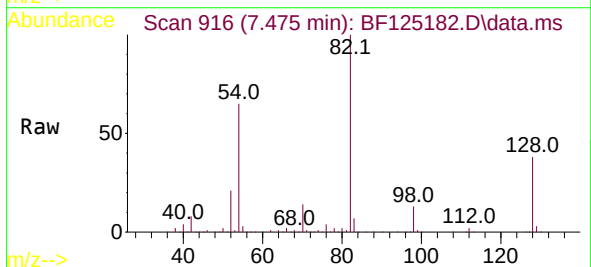
Instrument :
BNA_F
ClientSampleId :
WP-3

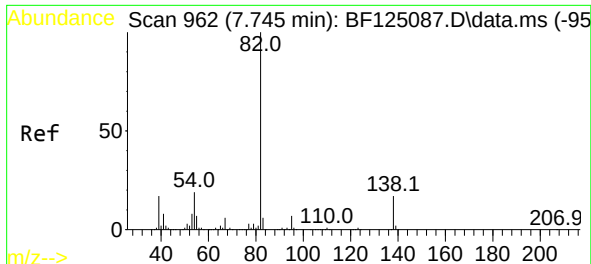
Tgt Ion:	136	Resp:	509729
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	10.0	6.4	9.6#
68	5.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 75.588 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

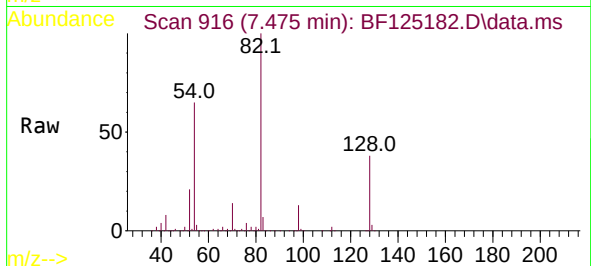
Tgt Ion:	82	Resp:	765323
Ion	Ratio	Lower	Upper
82	100		
128	38.2	40.6	60.8#
54	65.0	49.6	74.4



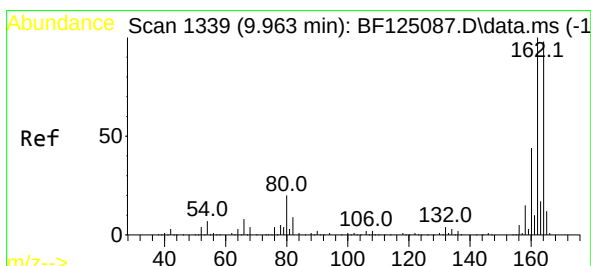
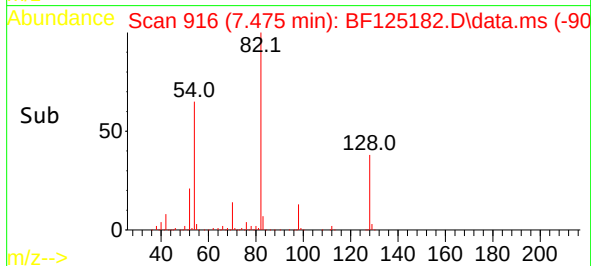
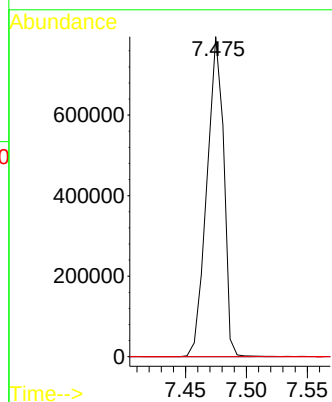


#25
Isophorone
Concen: 39.182 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Instrument :
BNA_F
ClientSampleId :
WP-3

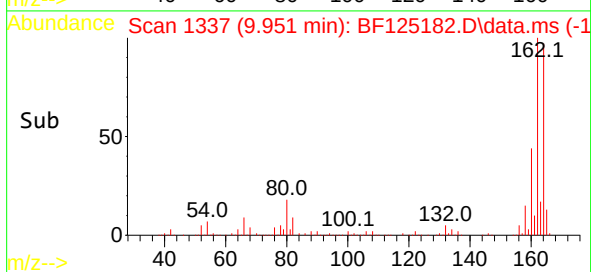
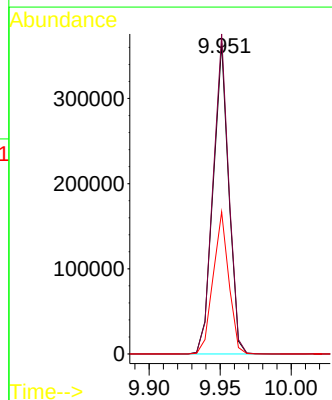
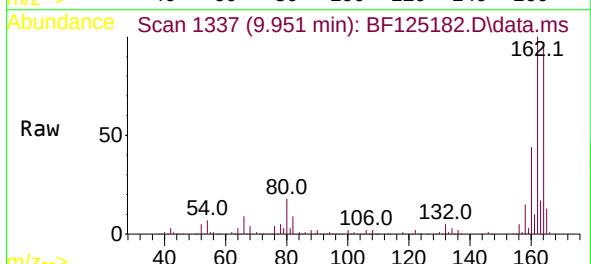


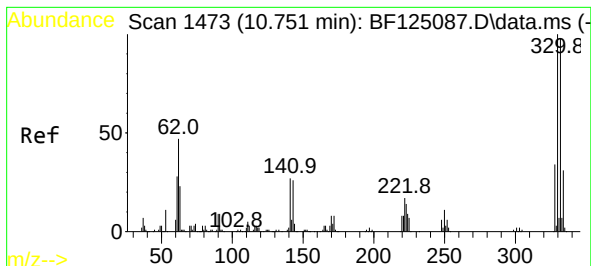
Tgt Ion: 82 Resp: 765313
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion: 164 Resp: 279389
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.7 38.0 57.0

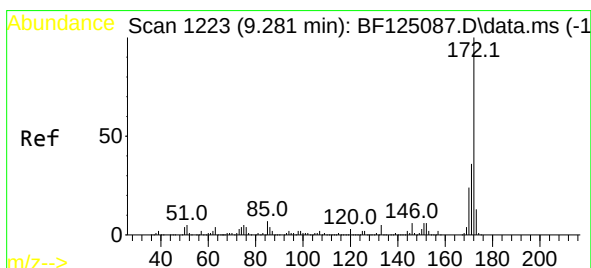
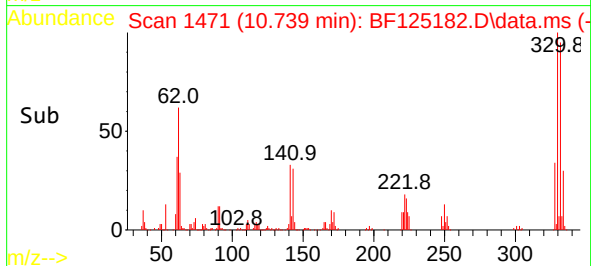
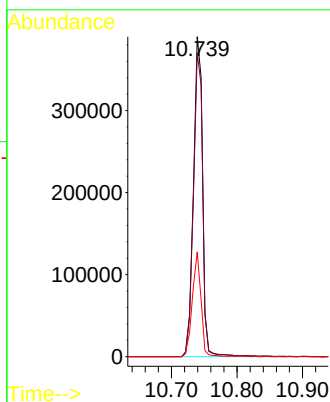
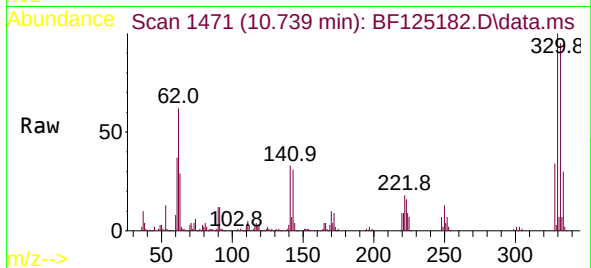




#42
2,4,6-Tribromophenol
Concen: 136.271 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

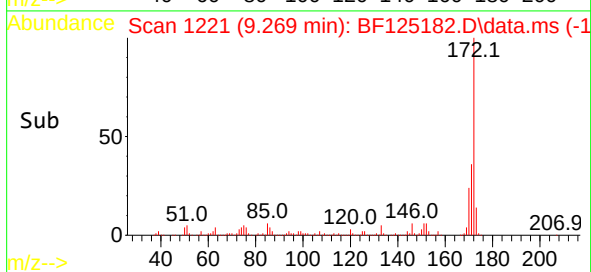
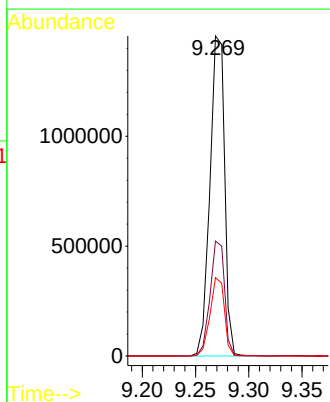
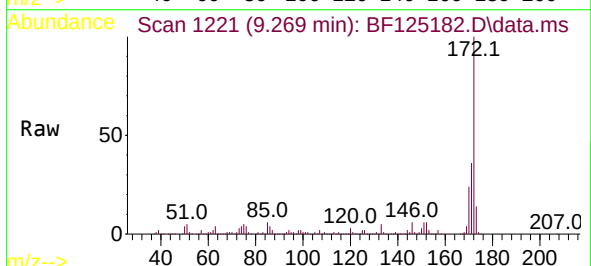
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BNA_F
ClientSampleId :
WP-3

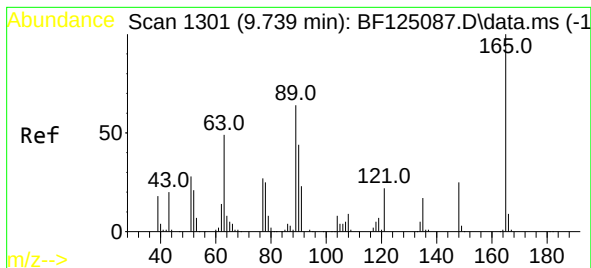
Tgt Ion:330 Resp: 380049
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.764 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion:172 Resp: 1398498
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.5 18.8 28.2

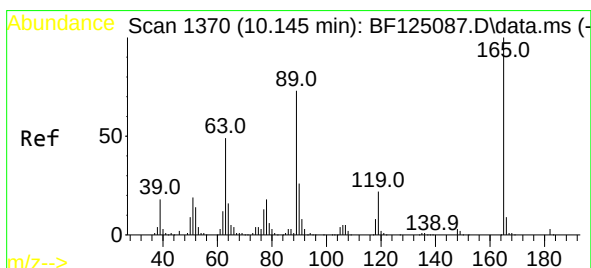
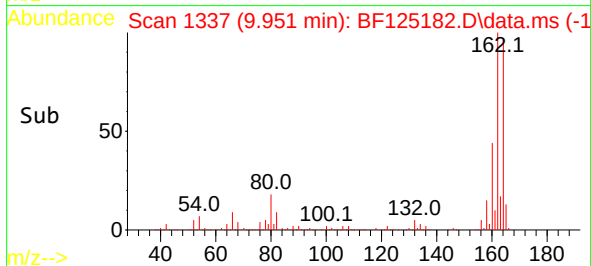
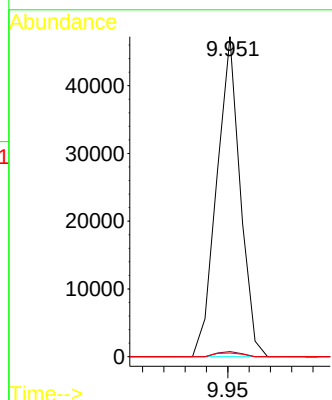
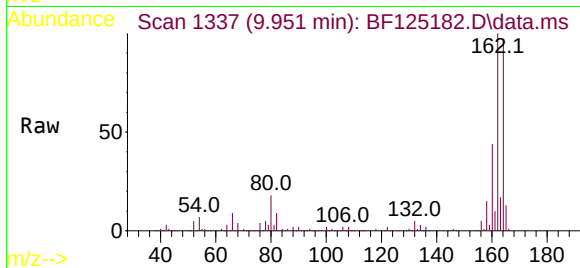




#51
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

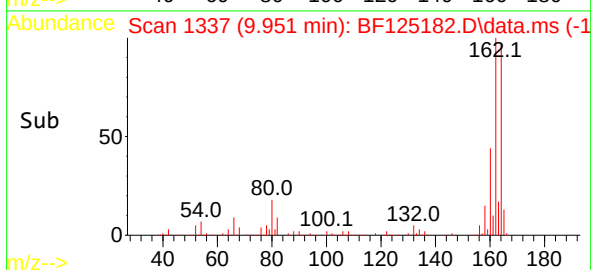
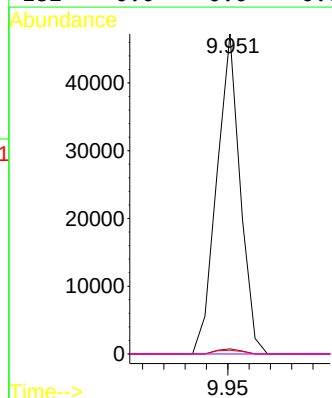
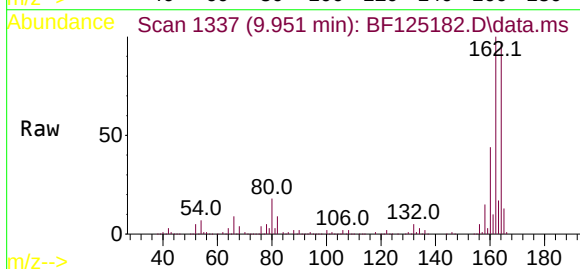
Instrument :
BNA_F
ClientSampled :
WP-3

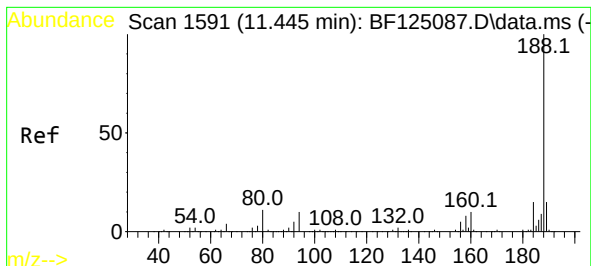
Tgt Ion:165 Resp: 36049
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.095 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion:165 Resp: 36049
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

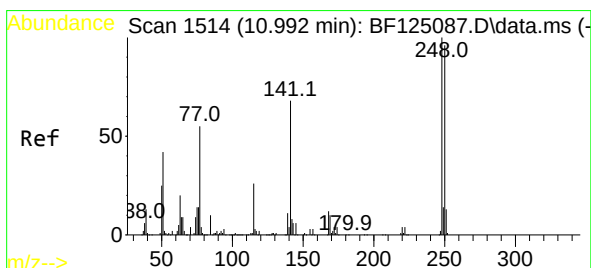
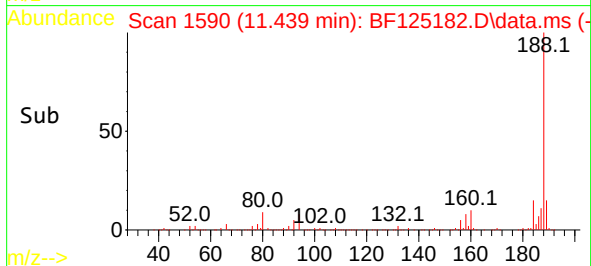
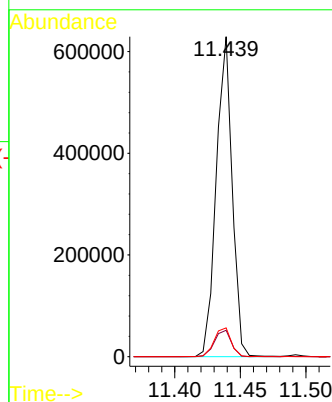
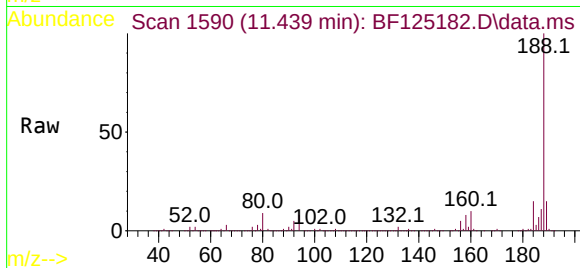




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

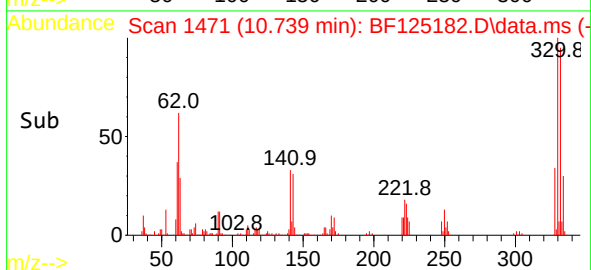
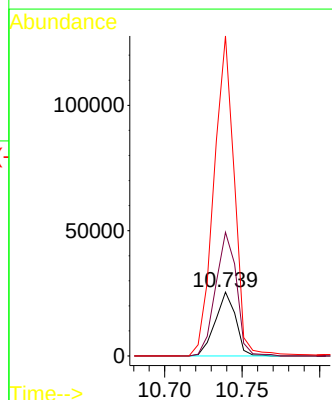
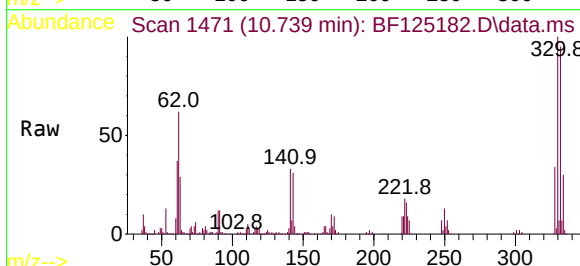
Instrument :
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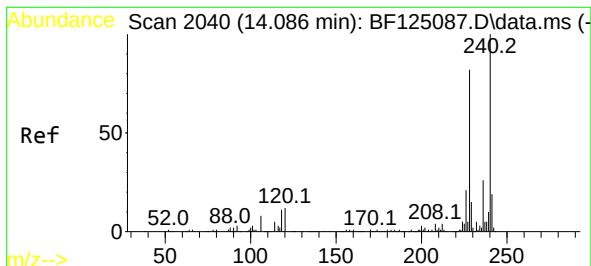
Tgt Ion:188 Resp: 530252
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.683 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion:248 Resp: 23451
Ion Ratio Lower Upper
248 100
250 193.8 74.2 111.4#
141 501.3 60.4 90.6#

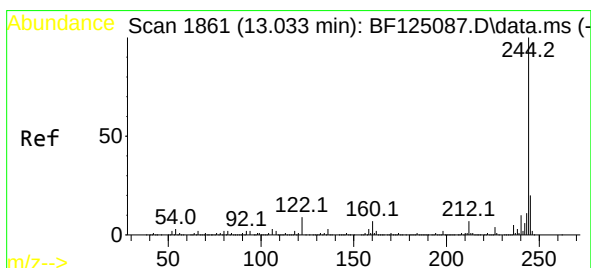
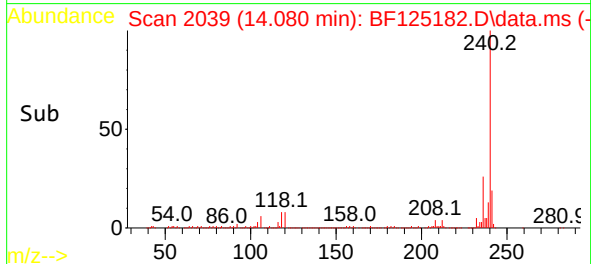
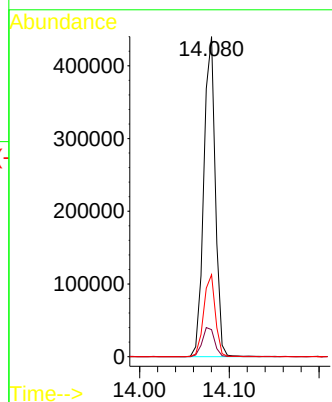
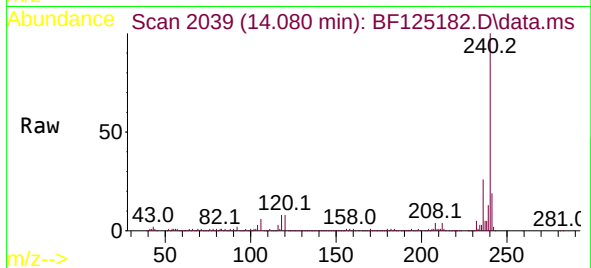




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

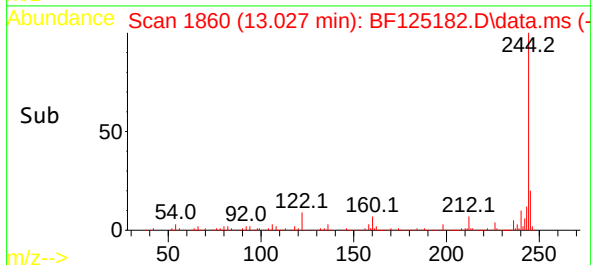
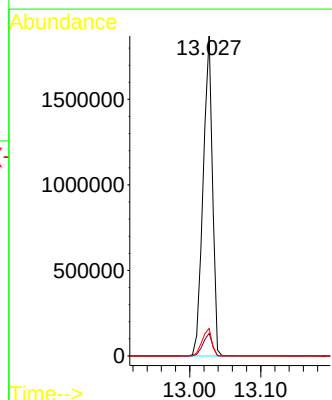
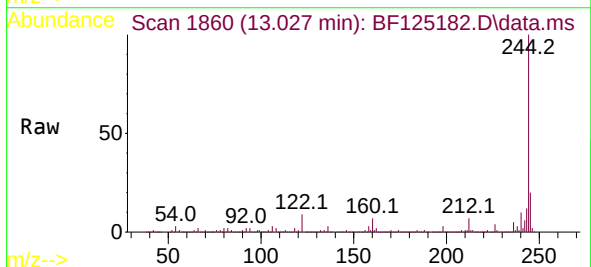
Instrument :
BNA_F
ClientSampleId :
WP-3

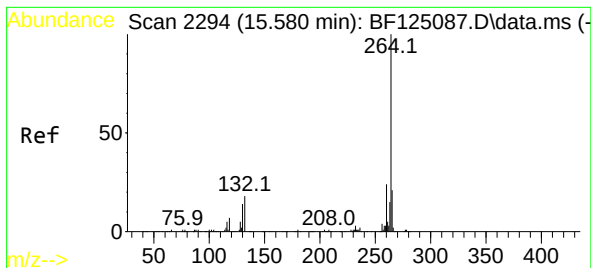
Tgt Ion:240 Resp: 392753
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 69.510 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Tgt Ion:244 Resp: 1713662
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.6 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125182.D
Acq: 24 Aug 2021 13:28

Instrument :
BNA_F
ClientSampleId :
WP-3

Tgt Ion:264 Resp: 365368

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.4	17.2	25.8

