

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125345.D
 Acq On : 3 Sep 2021 14:25
 Operator : JU/CG
 Sample : M3637-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 117-B1

Quant Time: Sep 03 14:52:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

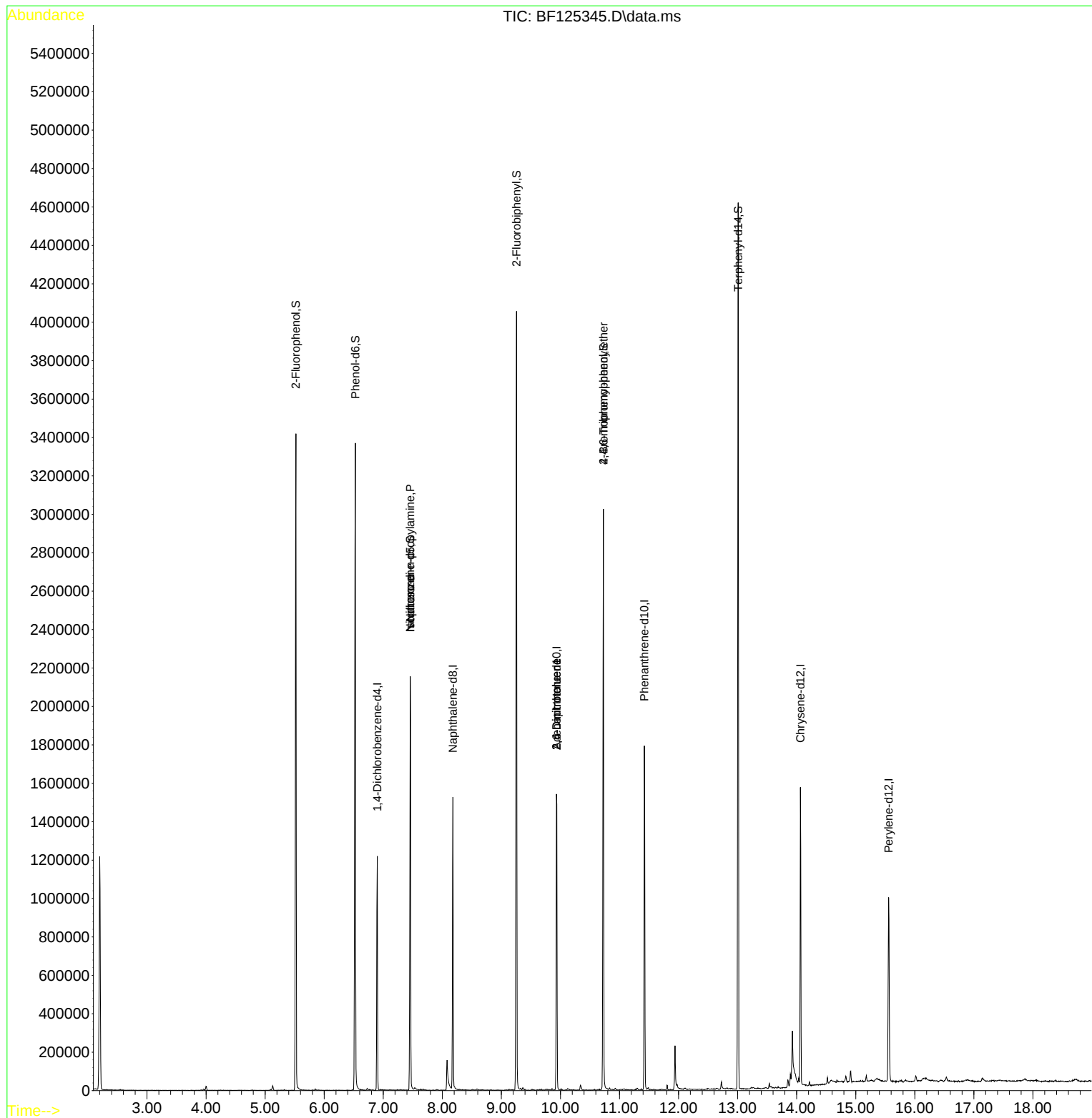
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	168860	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	653421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	345721	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	661734	20.000	ng	0.00
76) Chrysene-d12	14.062	240	516585	20.000	ng	0.00
86) Perylene-d12	15.556	264	445059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	865090	77.543	ng	0.00
7) Phenol-d6	6.528	99	1137196	78.816	ng	0.00
23) Nitrobenzene-d5	7.457	82	743788	57.307	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	376581	109.120	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1332416	53.715	ng	0.00
79) Terphenyl-d14	13.010	244	1634277	50.399	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	99807	11.500	ng	# 57
25) Isophorone	7.457	82	743783	29.706	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	44211	8.510	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	44211	7.032	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	22790	2.868	ng	# 1

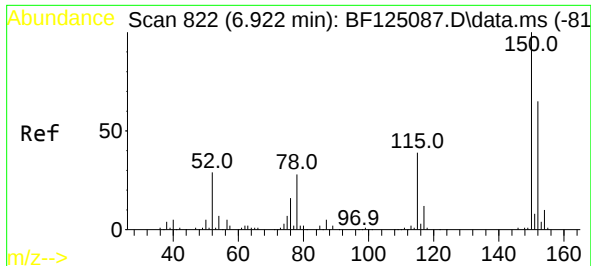
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

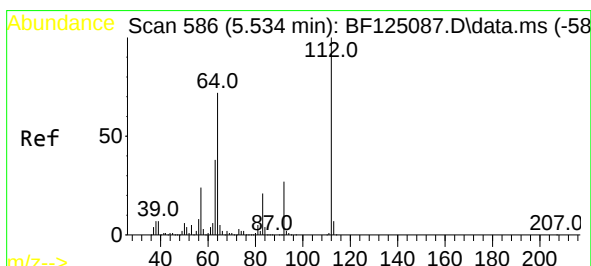
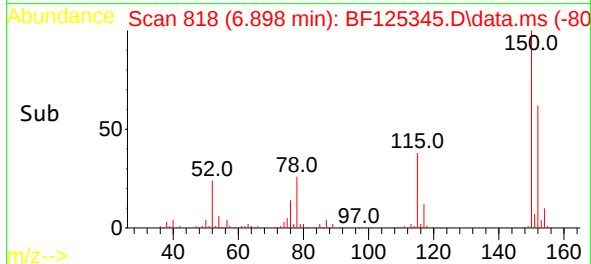
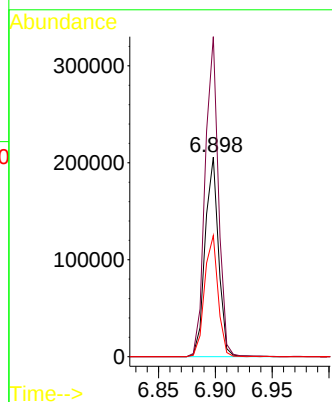
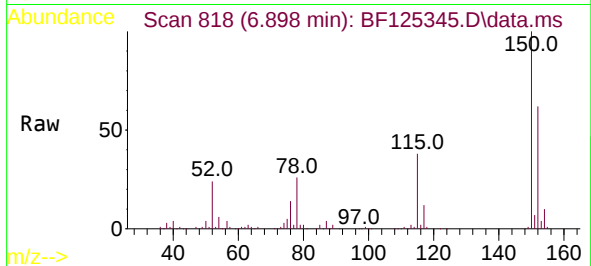




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

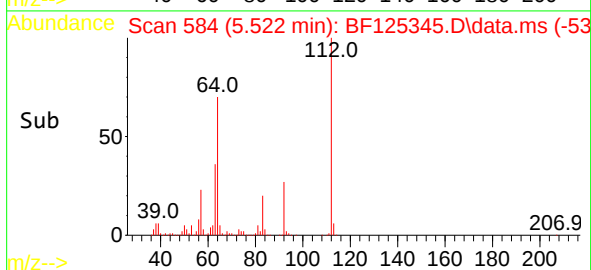
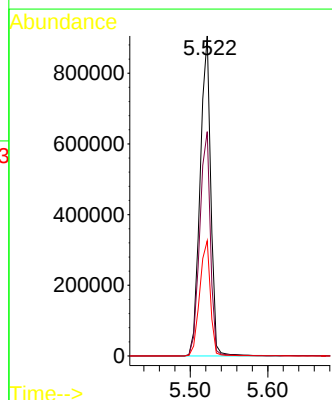
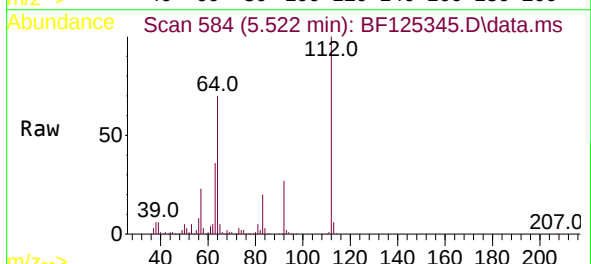
Instrument :
BNA_F
ClientSampleId :
117-B1

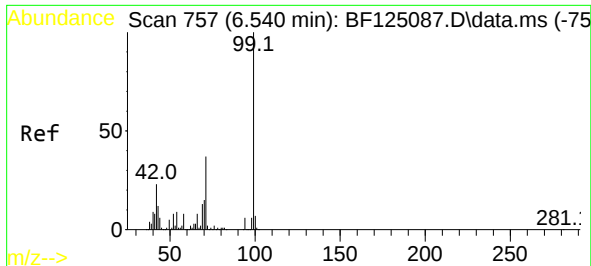
Tgt Ion:152 Resp: 168860
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 77.543 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion:112 Resp: 865090
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 36.0 26.2 39.2

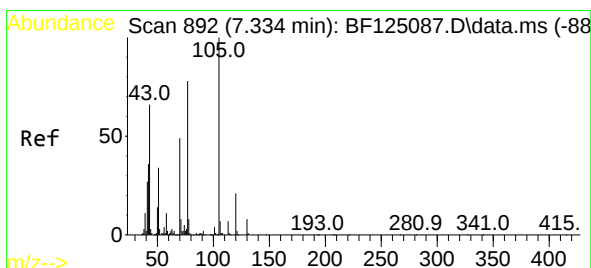
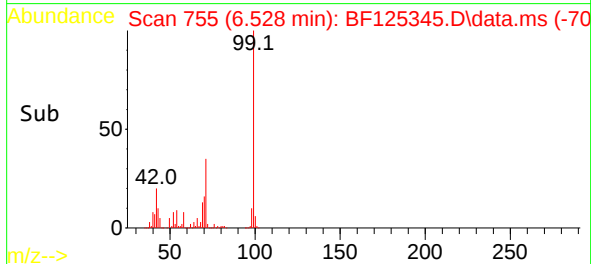
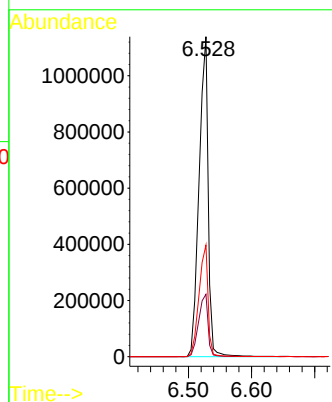
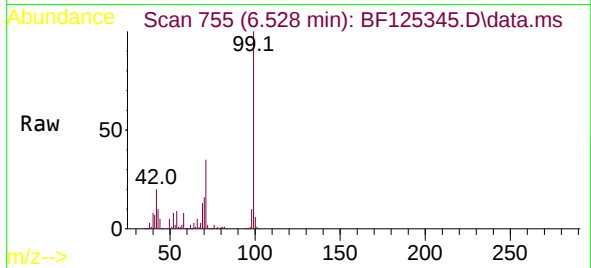




#7
Phenol-d6
Concen: 78.816 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

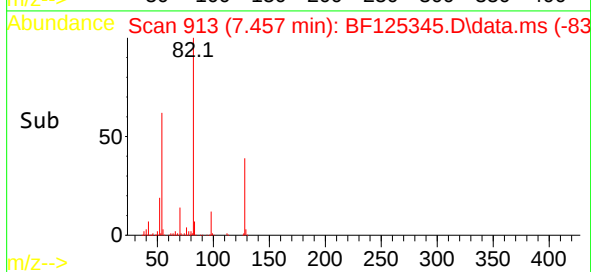
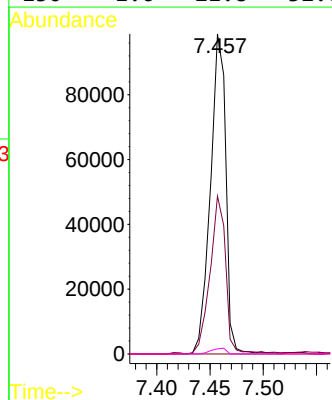
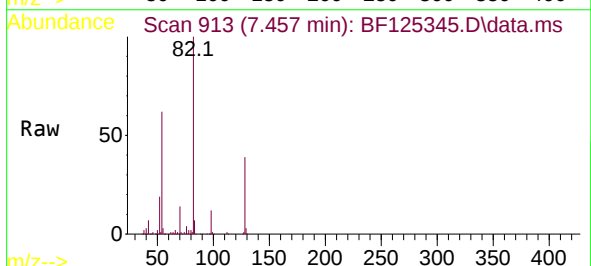
Instrument :
BNA_F
ClientSampleId :
117-B1

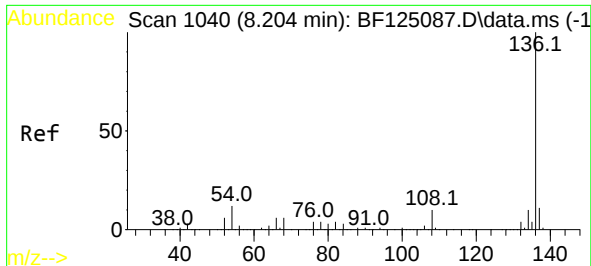
Tgt Ion: 99 Resp: 1137196
Ion Ratio Lower Upper
99 100
42 19.5 23.5 35.3#
71 34.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.500 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion: 70 Resp: 99807
Ion Ratio Lower Upper
70 100
42 49.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

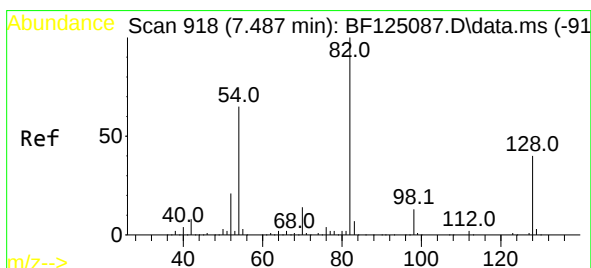
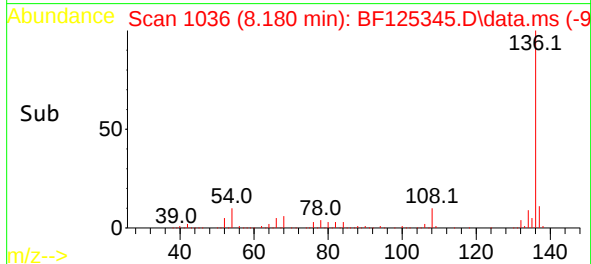
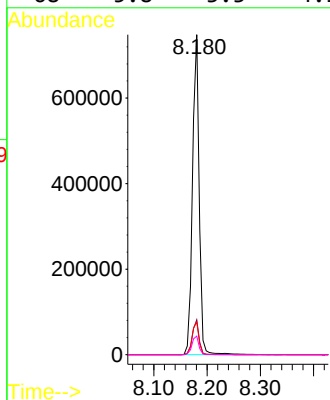
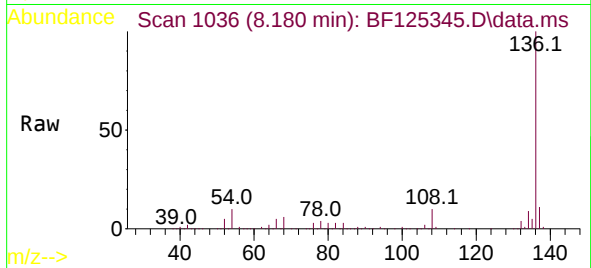




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

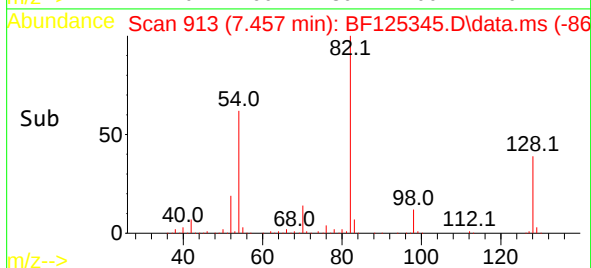
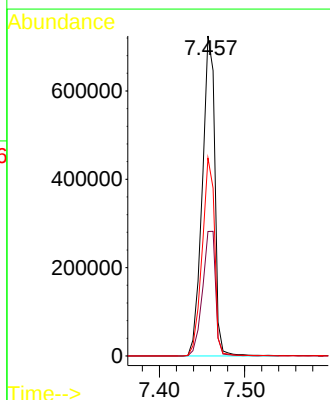
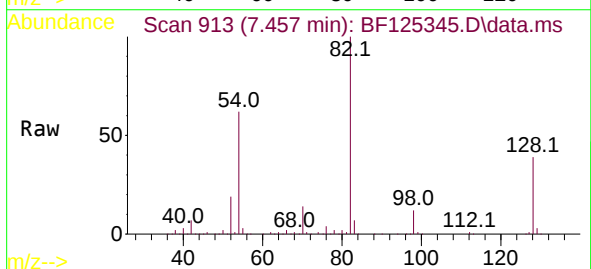
Instrument :
BNA_F
ClientSampleId :
117-B1

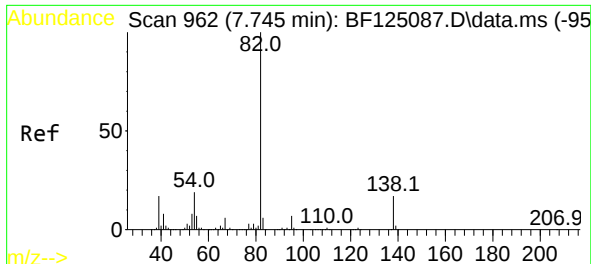
Tgt Ion:136 Resp: 653421
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.2 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 57.307 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

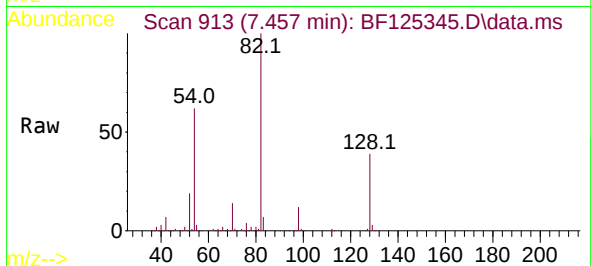
Tgt Ion: 82 Resp: 743788
Ion Ratio Lower Upper
82 100
128 38.9 40.6 60.8#
54 61.8 49.6 74.4



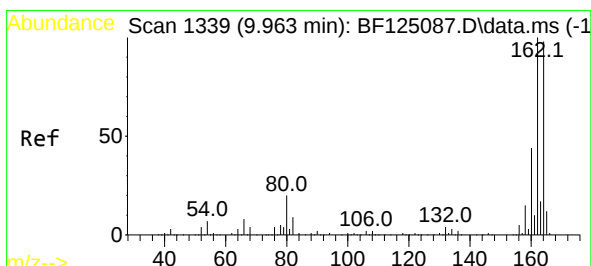
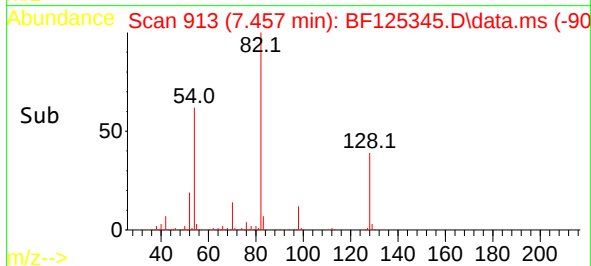
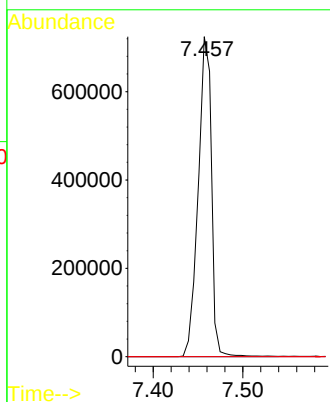


#25
Isophorone
Concen: 29.706 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Instrument :
BNA_F
ClientSampleId :
117-B1

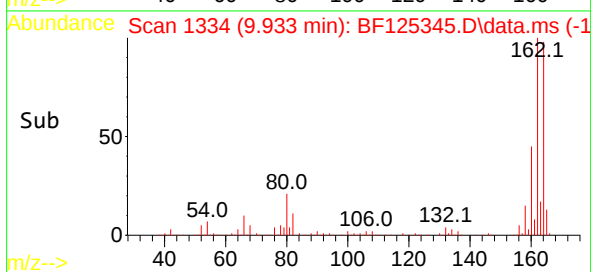
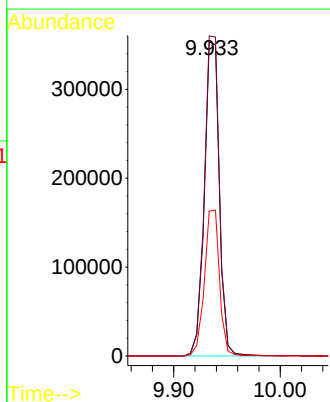
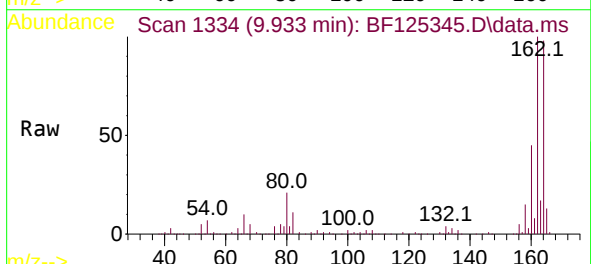


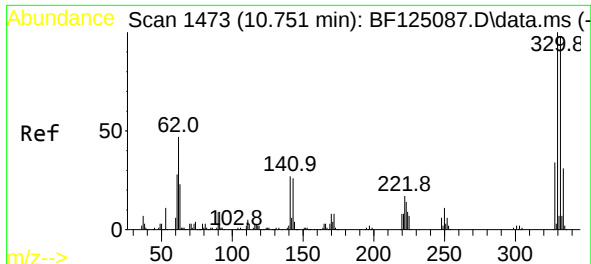
Tgt Ion: 82 Resp: 743783
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion: 164 Resp: 345721
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 46.2 38.0 57.0

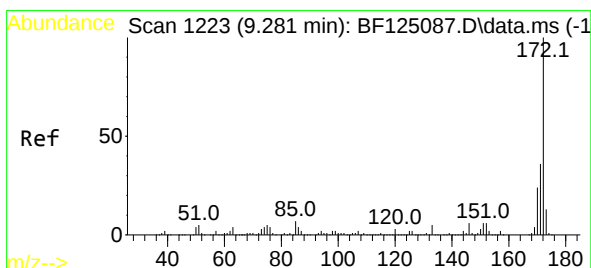
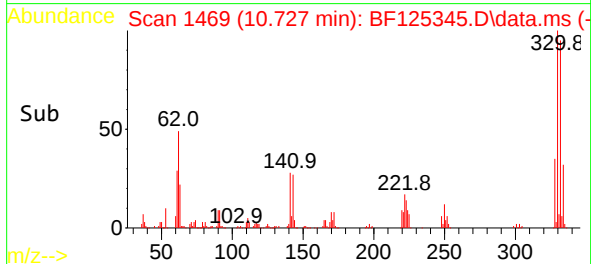
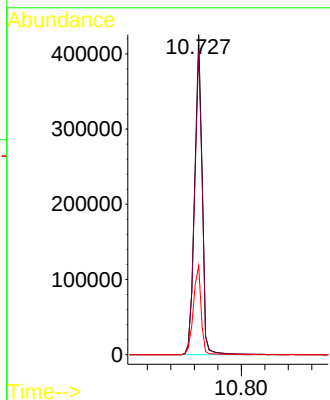
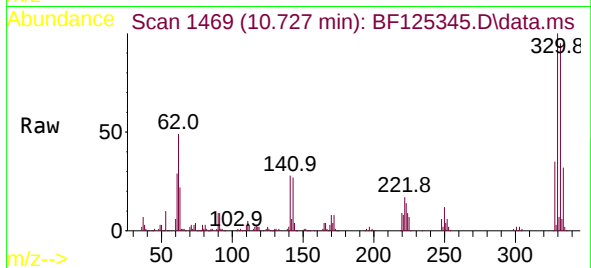




#42
2,4,6-Tribromophenol
Concen: 109.120 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

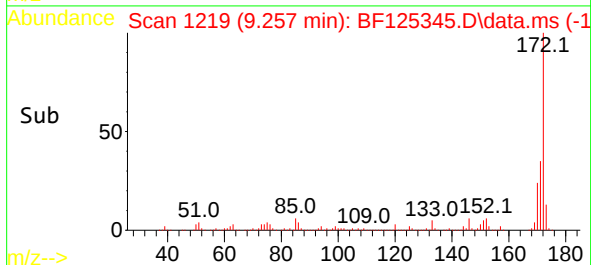
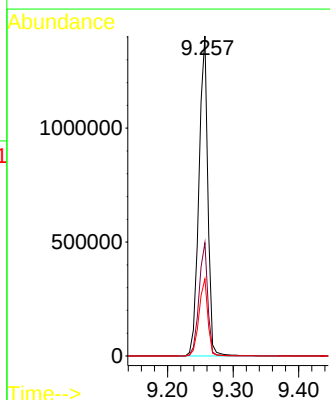
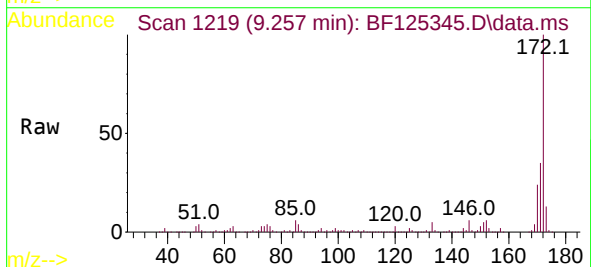
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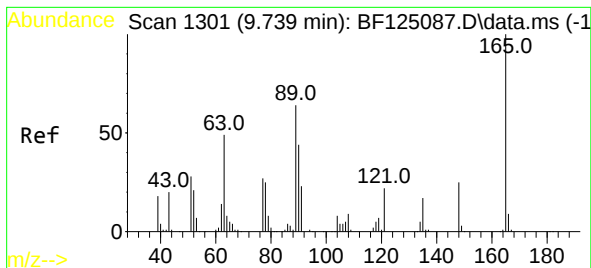
Tgt Ion:330 Resp: 376581
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 28.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.715 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion:172 Resp: 1332416
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

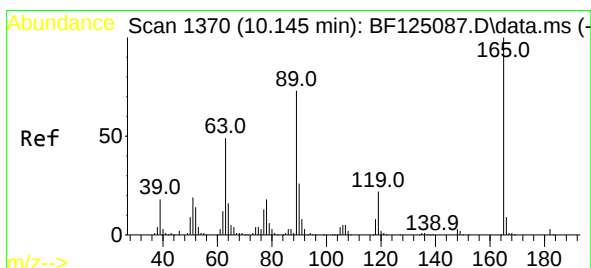
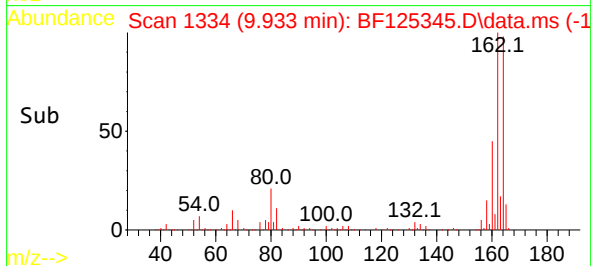
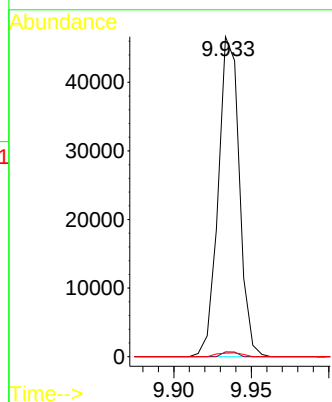
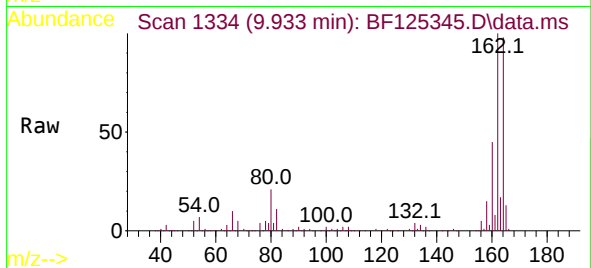




#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

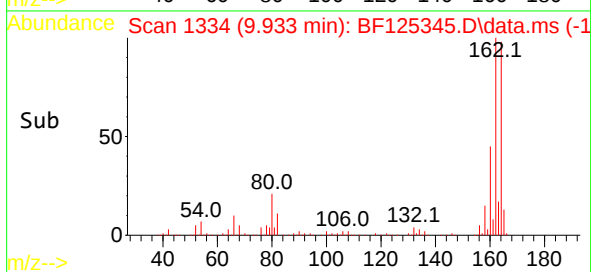
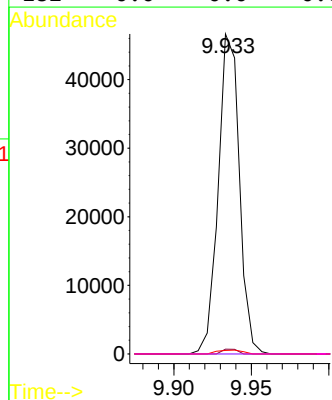
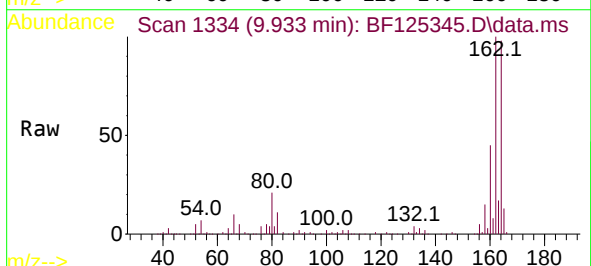
Instrument :
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ClientSampled :
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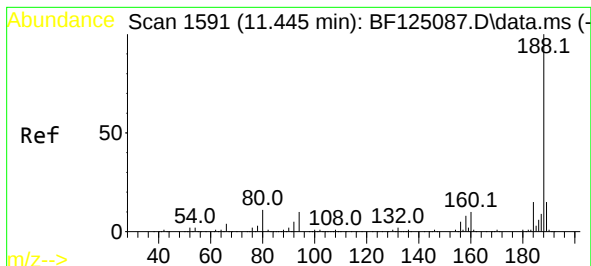
Tgt Ion:165 Resp: 44211
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.032 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion:165 Resp: 44211
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

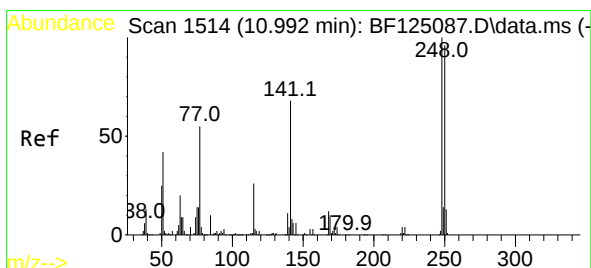
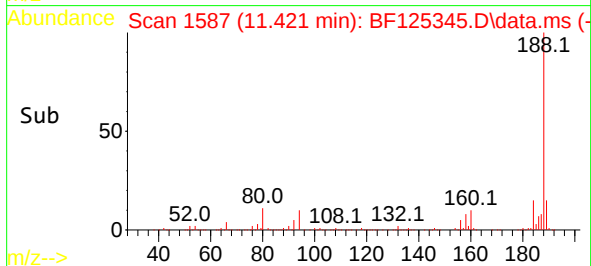
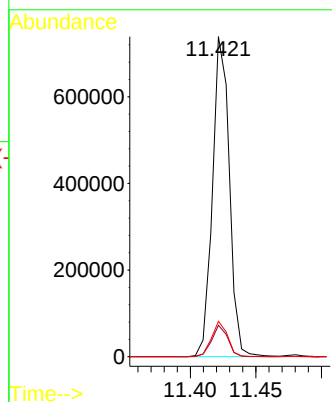
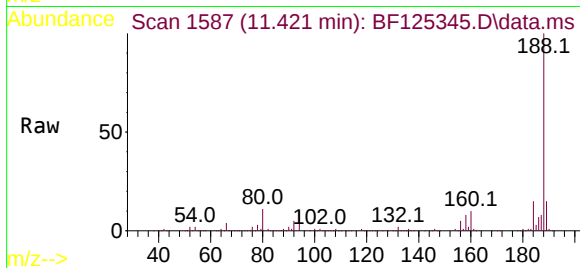




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

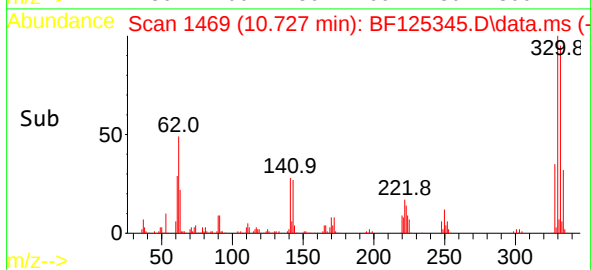
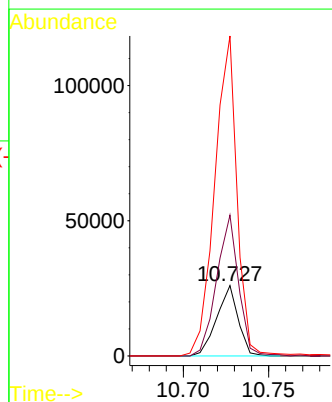
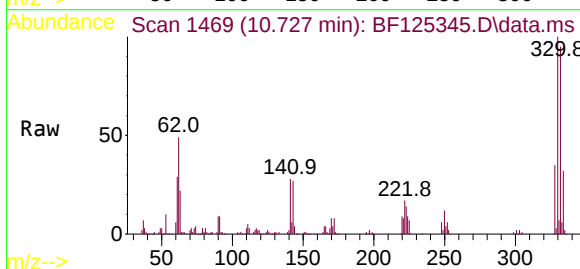
Instrument :
BNA_F
ClientSampled :
117-B1

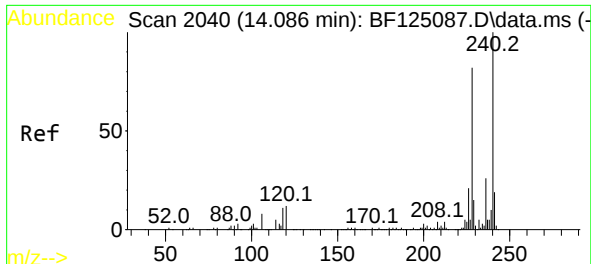
Tgt Ion:188 Resp: 661734
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.868 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion:248 Resp: 22790
Ion Ratio Lower Upper
248 100
250 199.8 74.2 111.4#
141 454.1 60.4 90.6#

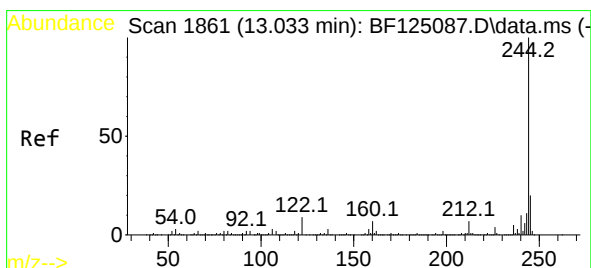
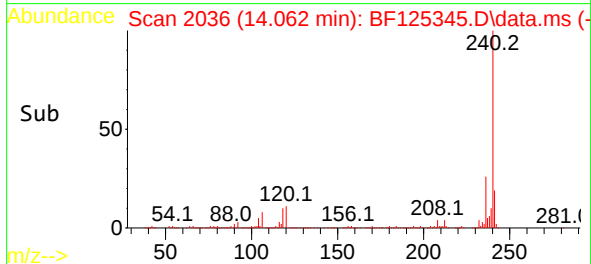
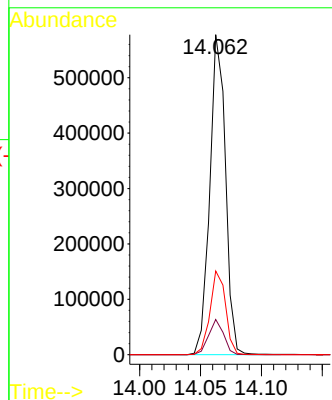
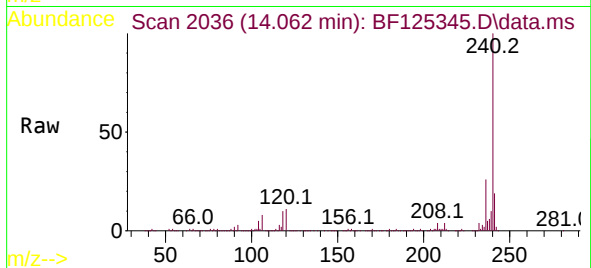




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

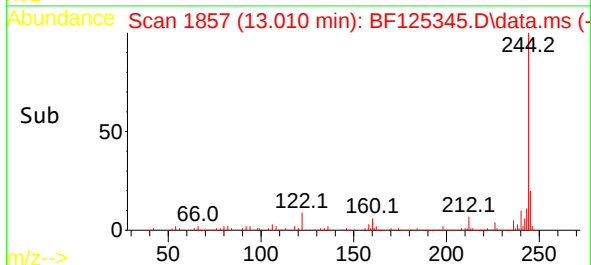
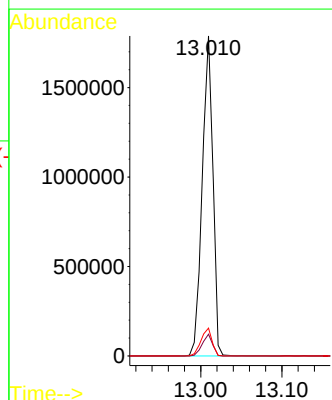
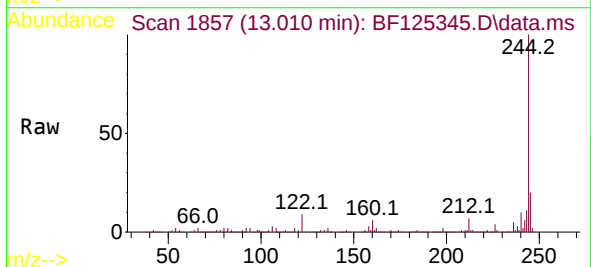
Instrument :
BNA_F
ClientSampled :
117-B1

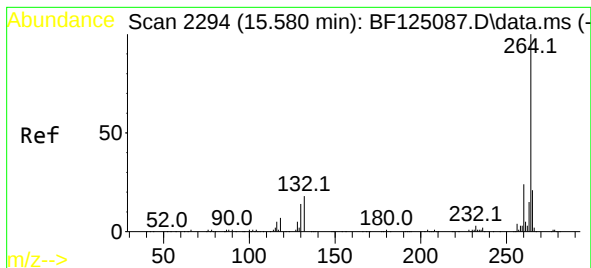
Tgt Ion:240 Resp: 516585
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 50.399 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125345.D
Acq: 3 Sep 2021 14:25

Tgt Ion:244 Resp: 1634277
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.7 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF125345.D
 Acq: 3 Sep 2021 14:25

Instrument :
 BNA_F
 ClientSampleId :
 117-B1

Tgt Ion:264 Resp: 445059
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.0 17.2 25.8

