

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125424.D
 Acq On : 10 Sep 2021 15:12
 Operator : JU/CG
 Sample : M3692-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WM-1

Quant Time: Sep 10 17:14:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

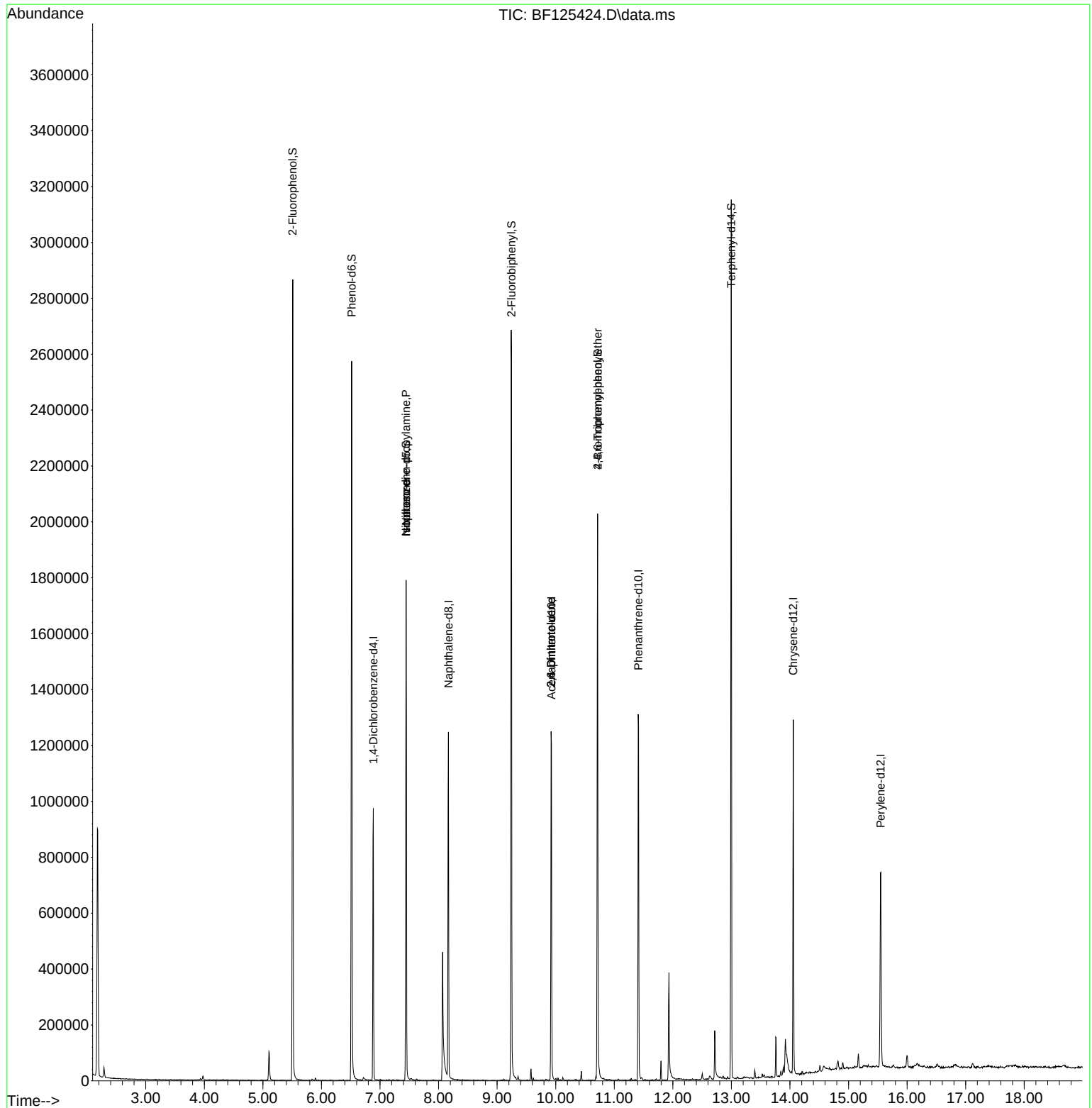
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	141763	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	536623	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	285640	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	539001	20.000	ng	0.00
76) Chrysene-d12	14.057	240	405266	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	355495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	684761	73.112	ng	0.00
7) Phenol-d6	6.516	99	858333	70.860	ng	-0.01
23) Nitrobenzene-d5	7.445	82	562243	52.748	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	265983	93.284	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	922261	45.000	ng	0.00
79) Terphenyl-d14	12.998	244	1031308	40.540	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	76137	10.450	ng	# 57
25) Isophorone	7.445	82	562235	27.342	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	35926	8.370	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	35926	6.916	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	16180	2.500	ng	# 1

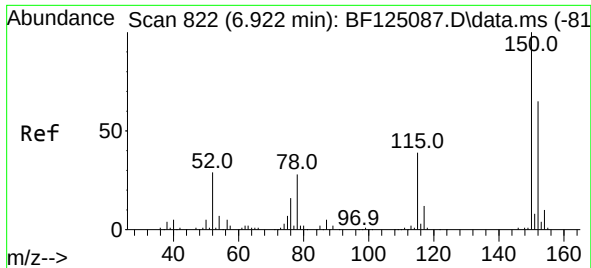
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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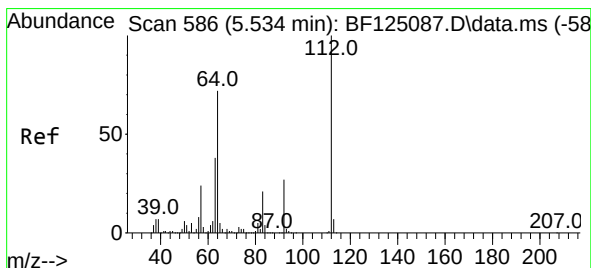
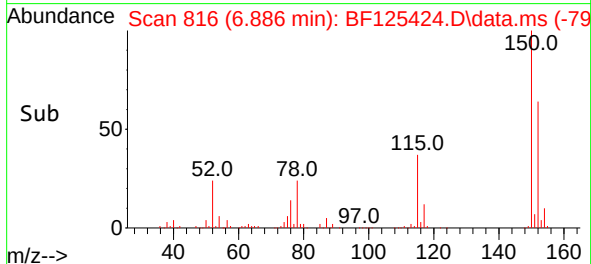
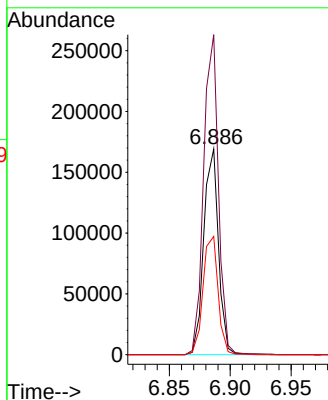
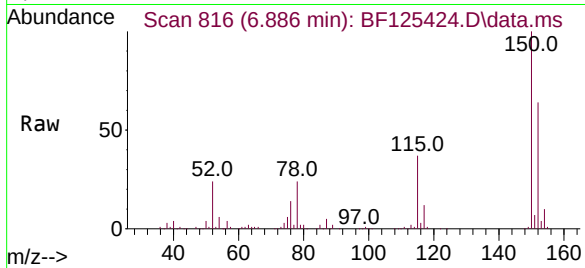




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

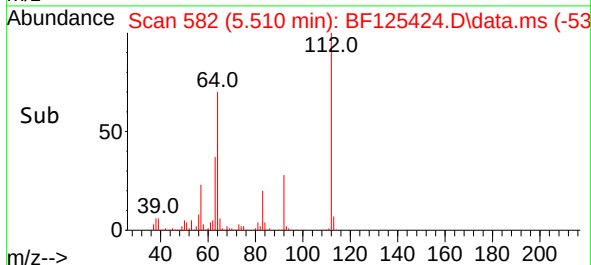
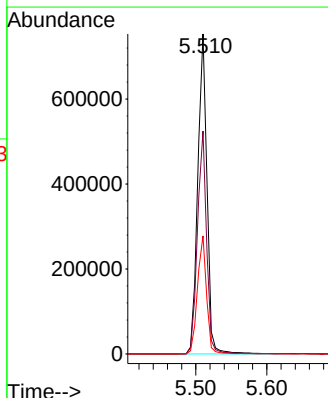
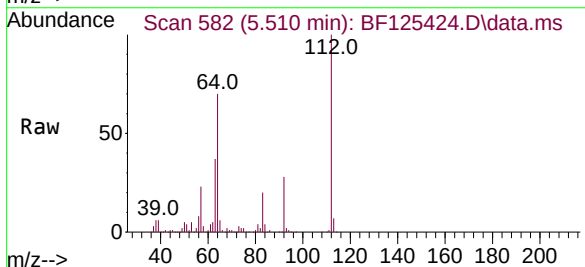
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BNA_F
ClientSampleId :
WM-1

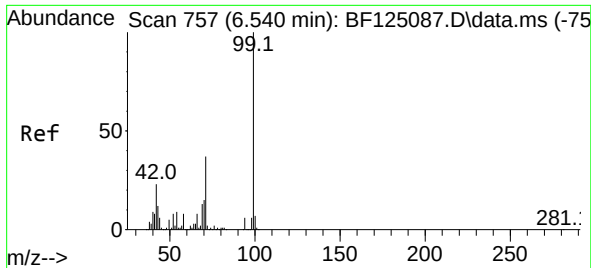
Tgt Ion:152 Resp: 141763
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 73.112 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion:112 Resp: 684761
Ion Ratio Lower Upper
112 100
64 69.7 44.2 66.2#
63 36.9 26.2 39.2

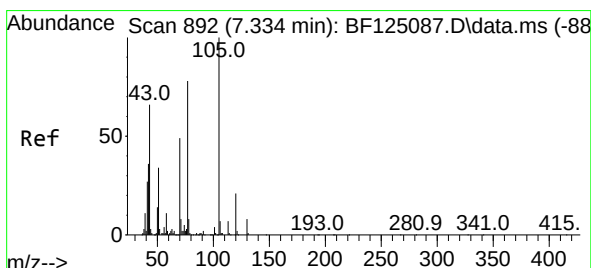
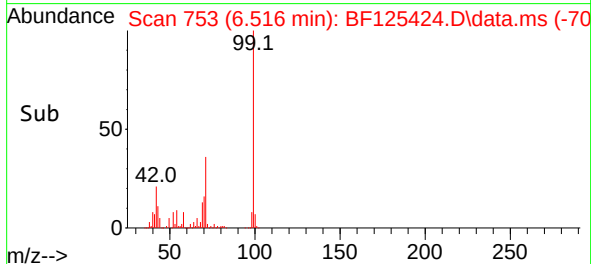
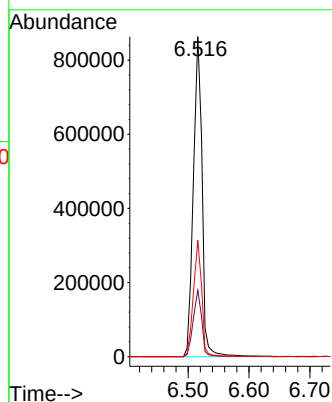
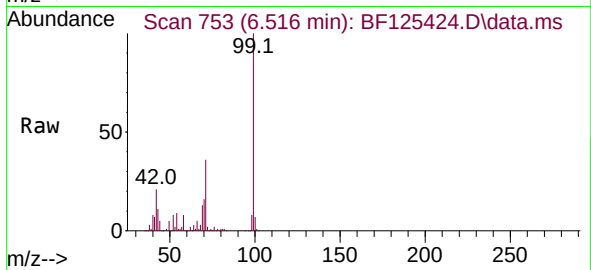




#7
Phenol-d6
Concen: 70.860 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

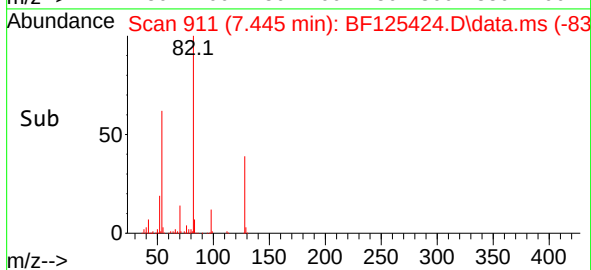
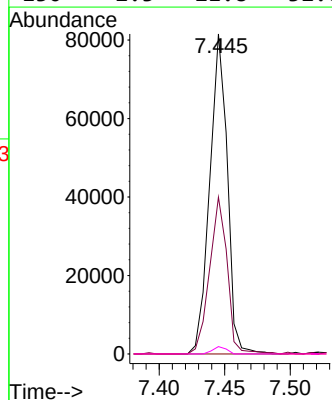
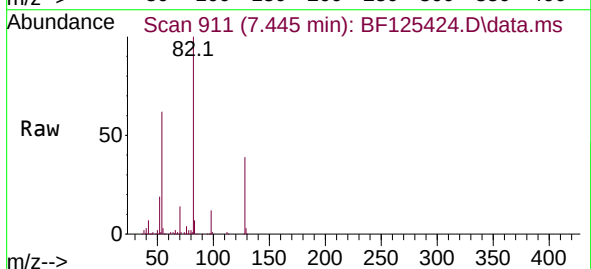
Instrument :
BNA_F
ClientSampleId :
WM-1

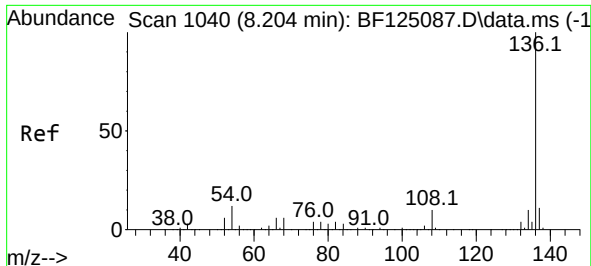
Tgt Ion: 99 Resp: 858333
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 36.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.450 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion: 70 Resp: 76137
Ion Ratio Lower Upper
70 100
42 49.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

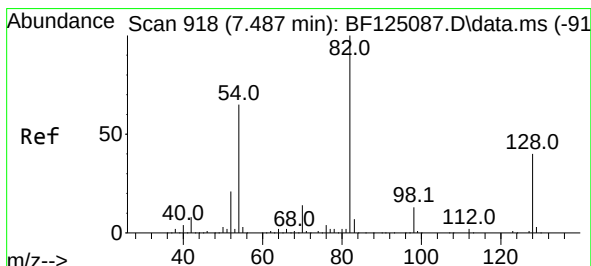
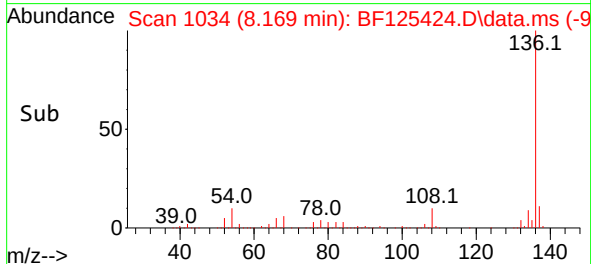
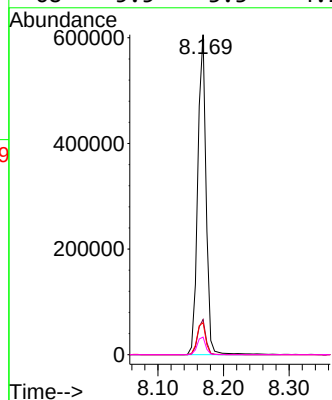
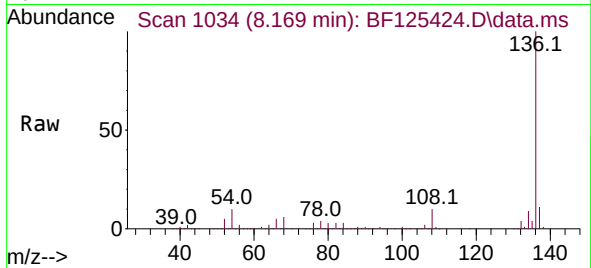




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

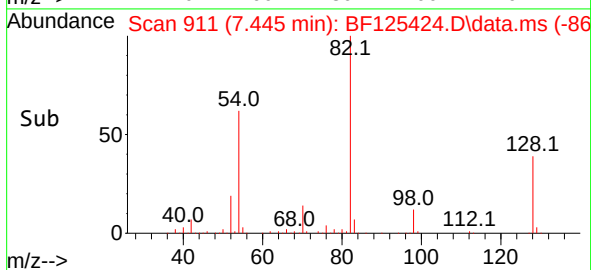
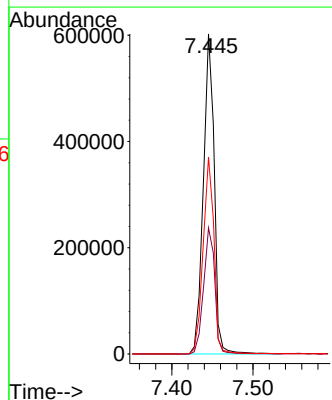
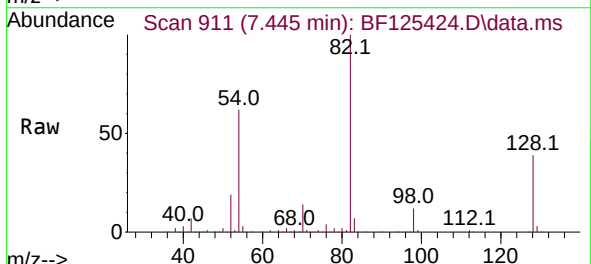
Instrument :
BNA_F
ClientSampleId :
WM-1

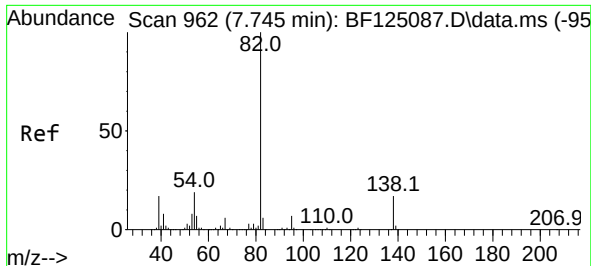
Tgt Ion:136	Resp: 536623
Ion Ratio	Lower Upper
136 100	
137 11.0	9.8 14.6
54 10.0	6.4 9.6#
68 5.5	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 52.748 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion: 82	Resp: 562243
Ion Ratio	Lower Upper
82 100	
128 39.4	40.6 60.8#
54 61.5	49.6 74.4

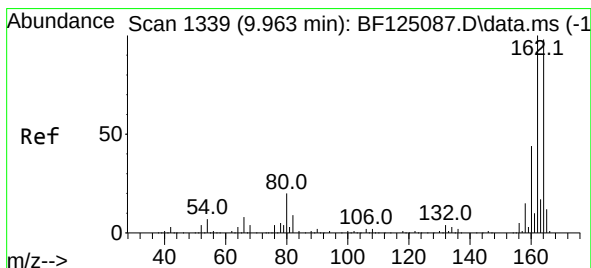
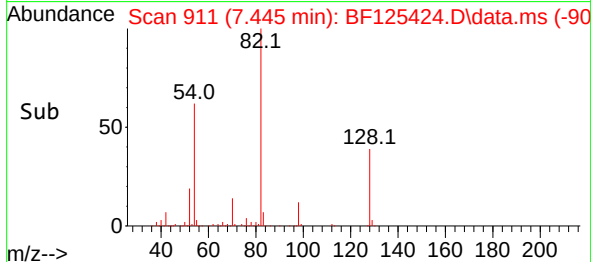
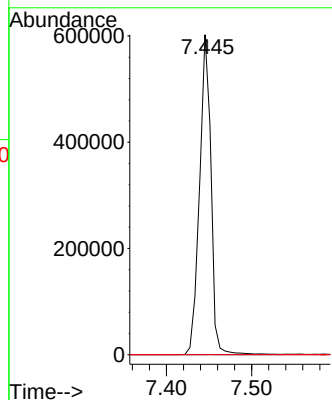
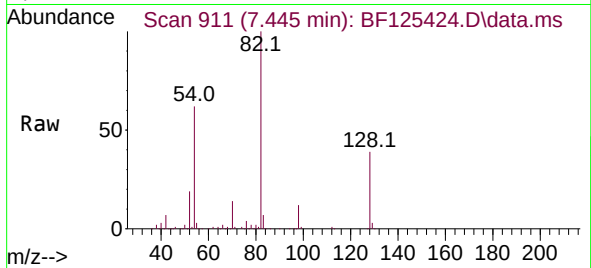




#25
Isophorone
Concen: 27.342 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

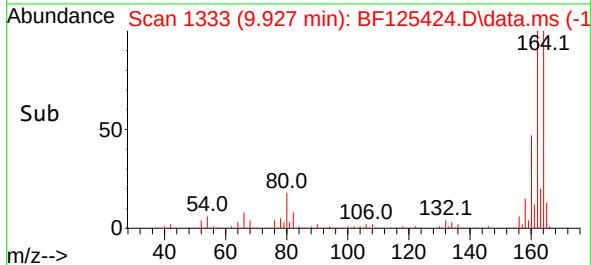
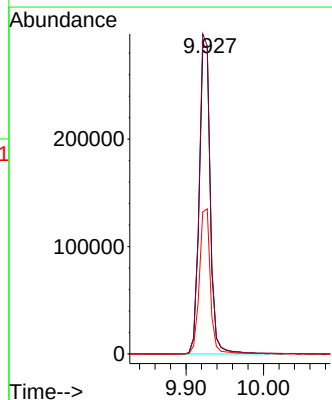
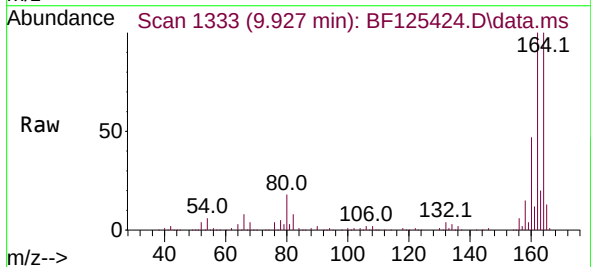
Instrument :
BNA_F
ClientSampleId :
WM-1

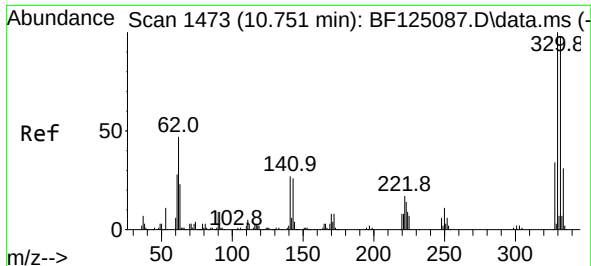
Tgt Ion: 82 Resp: 562235
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion: 164 Resp: 285640
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 47.1 38.0 57.0

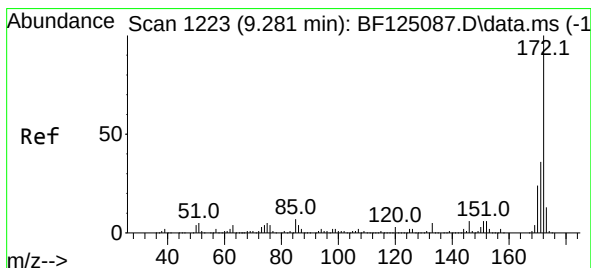
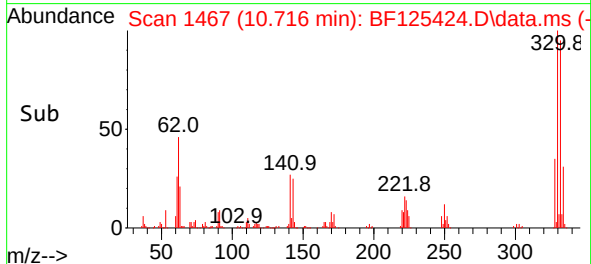
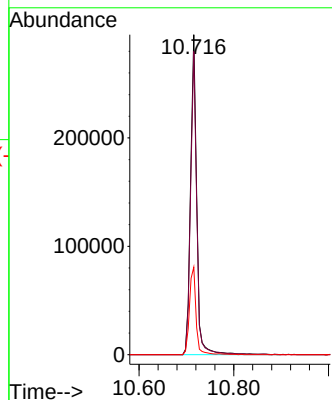
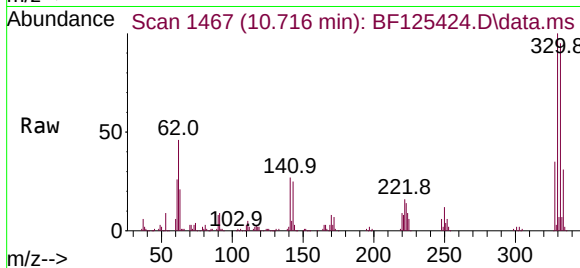




#42
2,4,6-Tribromophenol
Concen: 93.284 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

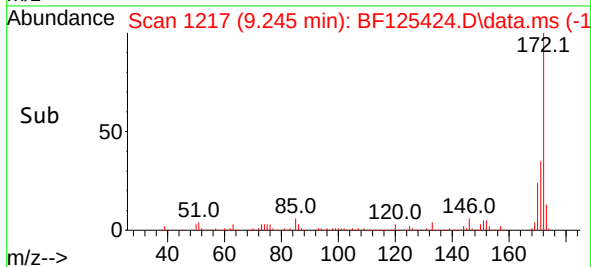
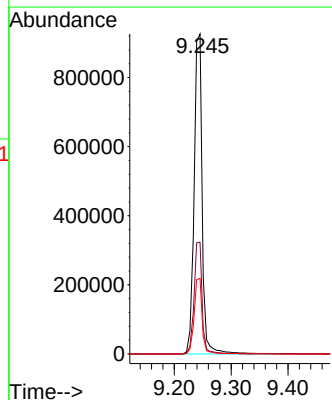
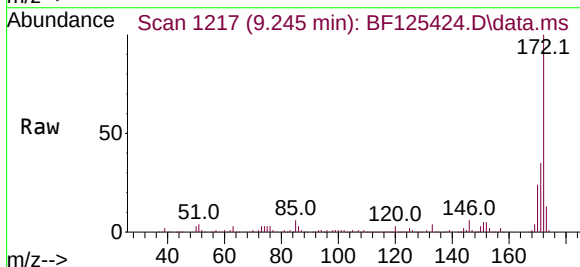
Instrument :
BNA_F
ClientSampled :
WM-1

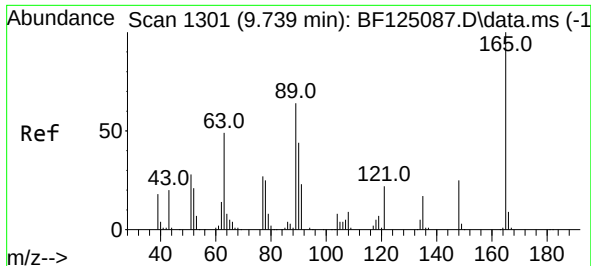
Tgt Ion: 330 Resp: 265983
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 29.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 45.000 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion: 172 Resp: 922261
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.6 18.8 28.2

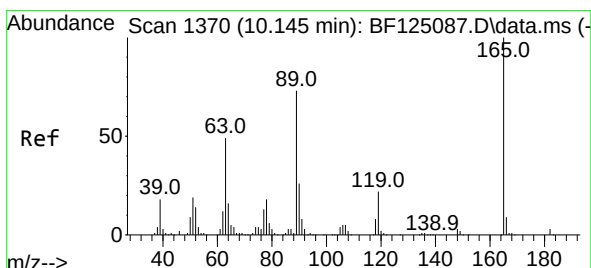
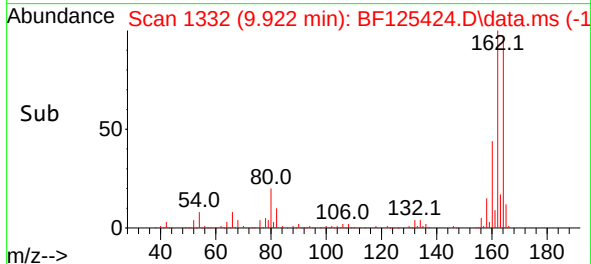
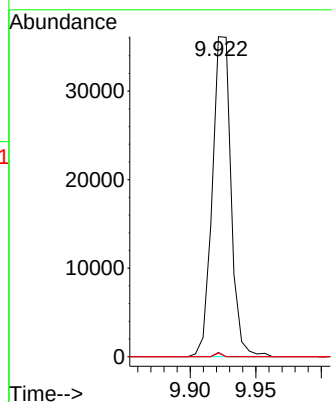
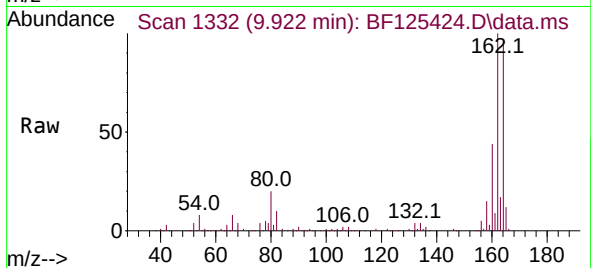




#51
2,6-Dinitrotoluene
Concen: 8.370 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

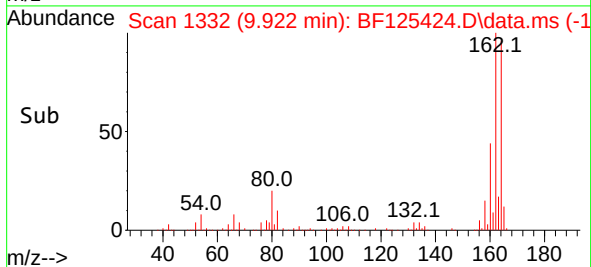
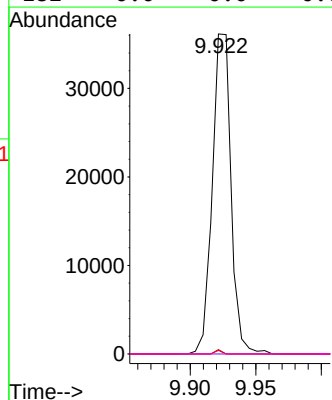
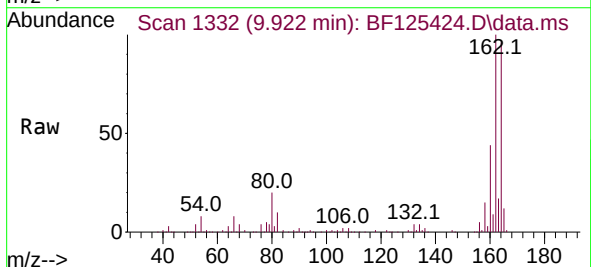
Instrument :
BNA_F
ClientSampleId :
WM-1

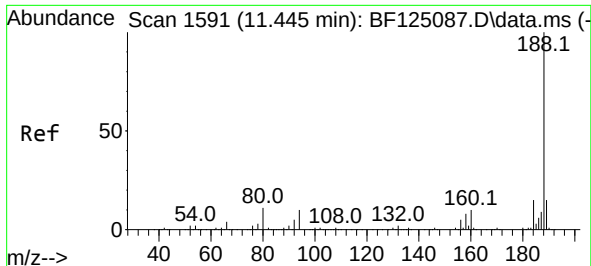
Tgt Ion:165 Resp: 35926
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion:165 Resp: 35926
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

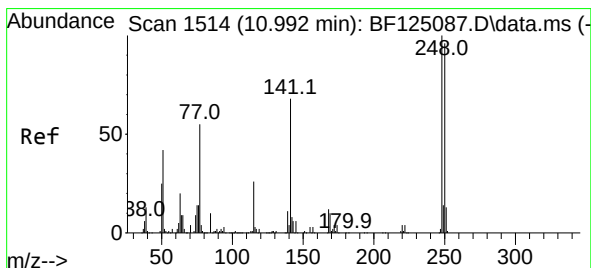
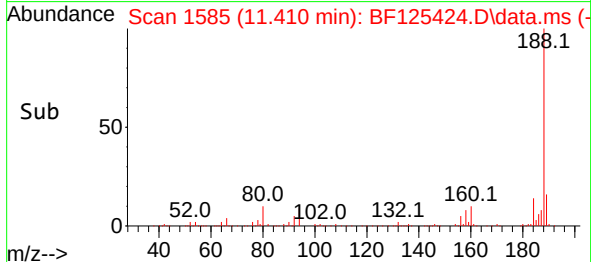
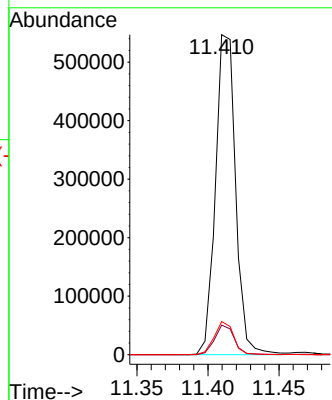
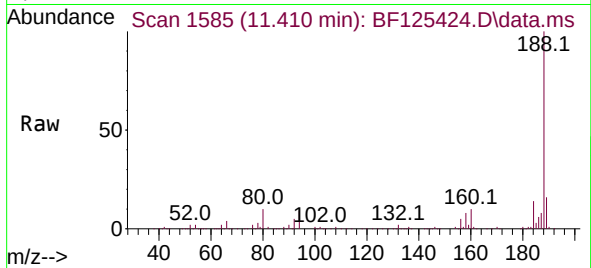




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

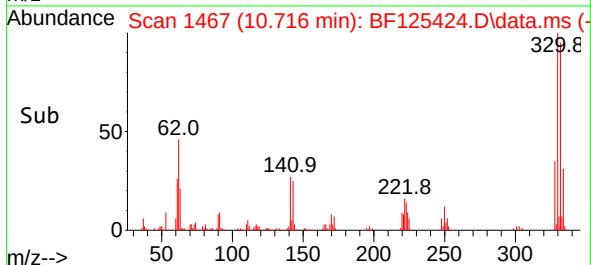
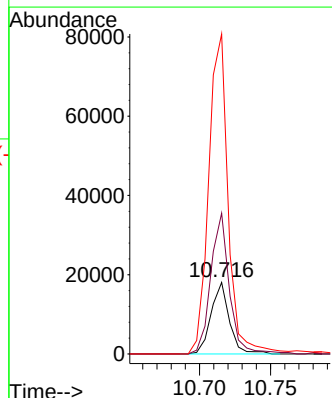
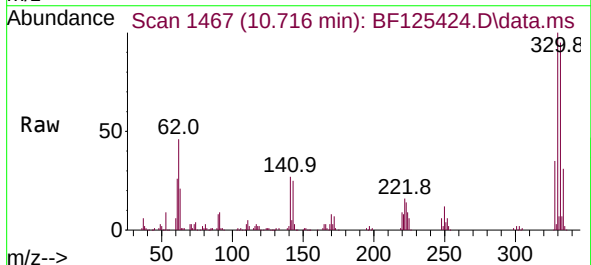
Instrument :
BNA_F
ClientSampled :
WM-1

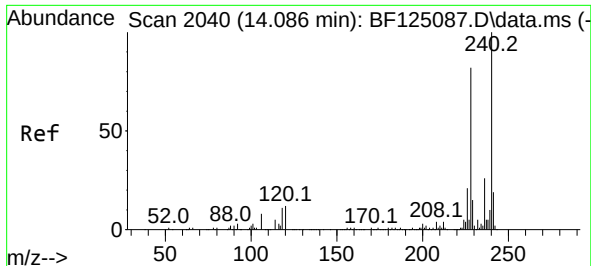
Tgt Ion:188 Resp: 539001
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.500 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion:248 Resp: 16180
Ion Ratio Lower Upper
248 100
250 196.7 74.2 111.4#
141 447.1 60.4 90.6#

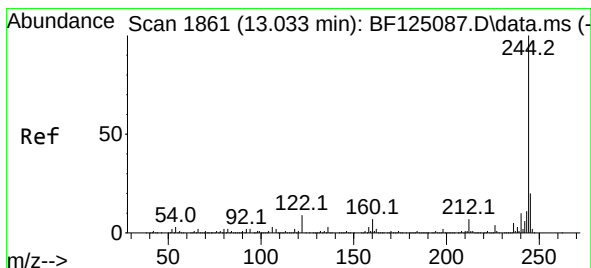
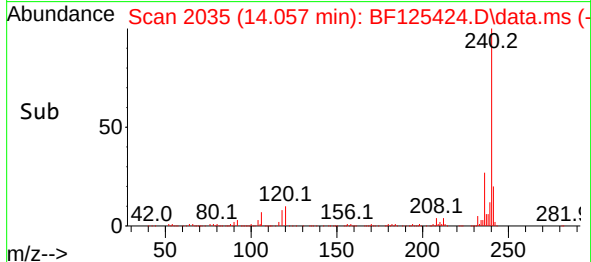
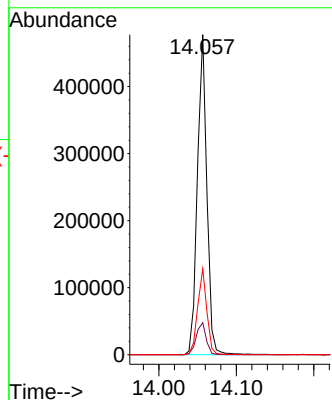
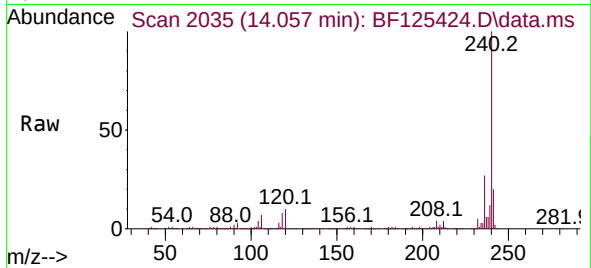




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

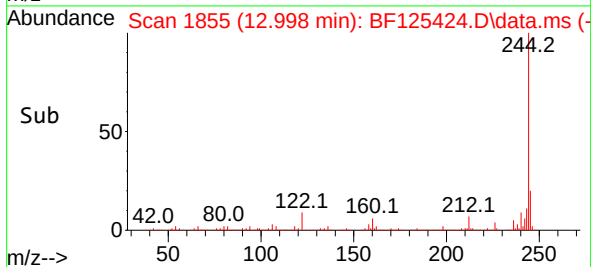
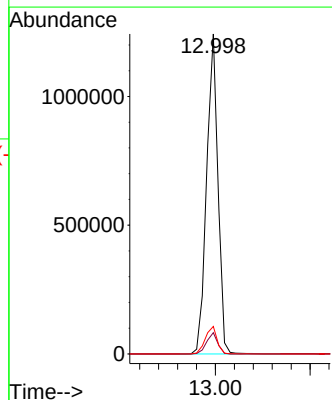
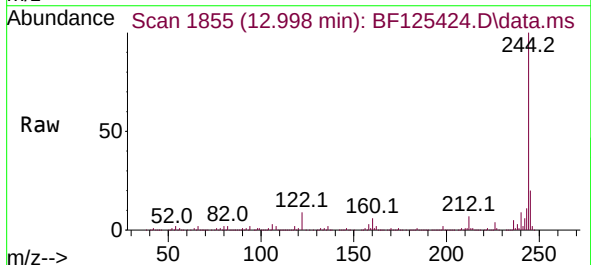
Instrument :
BNA_F
ClientSampled :
WM-1

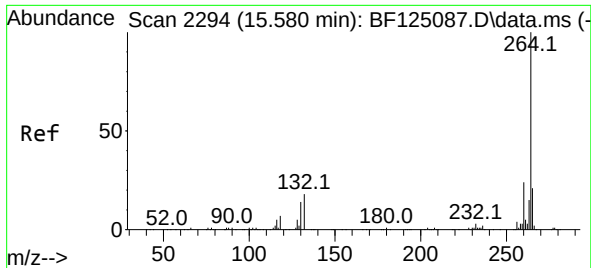
Tgt Ion:240 Resp: 405266
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 40.540 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125424.D
Acq: 10 Sep 2021 15:12

Tgt Ion:244 Resp: 1031308
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF125424.D
 Acq: 10 Sep 2021 15:12

Instrument :
 BNA_F
 ClientSampleId :
 WM-1

Tgt Ion:264 Resp: 355495
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.1 17.2 25.8

