

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125230.D
 Acq On : 26 Aug 2021 17:52
 Operator : JU/CG
 Sample : M3547-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Aug 27 05:01:37 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)

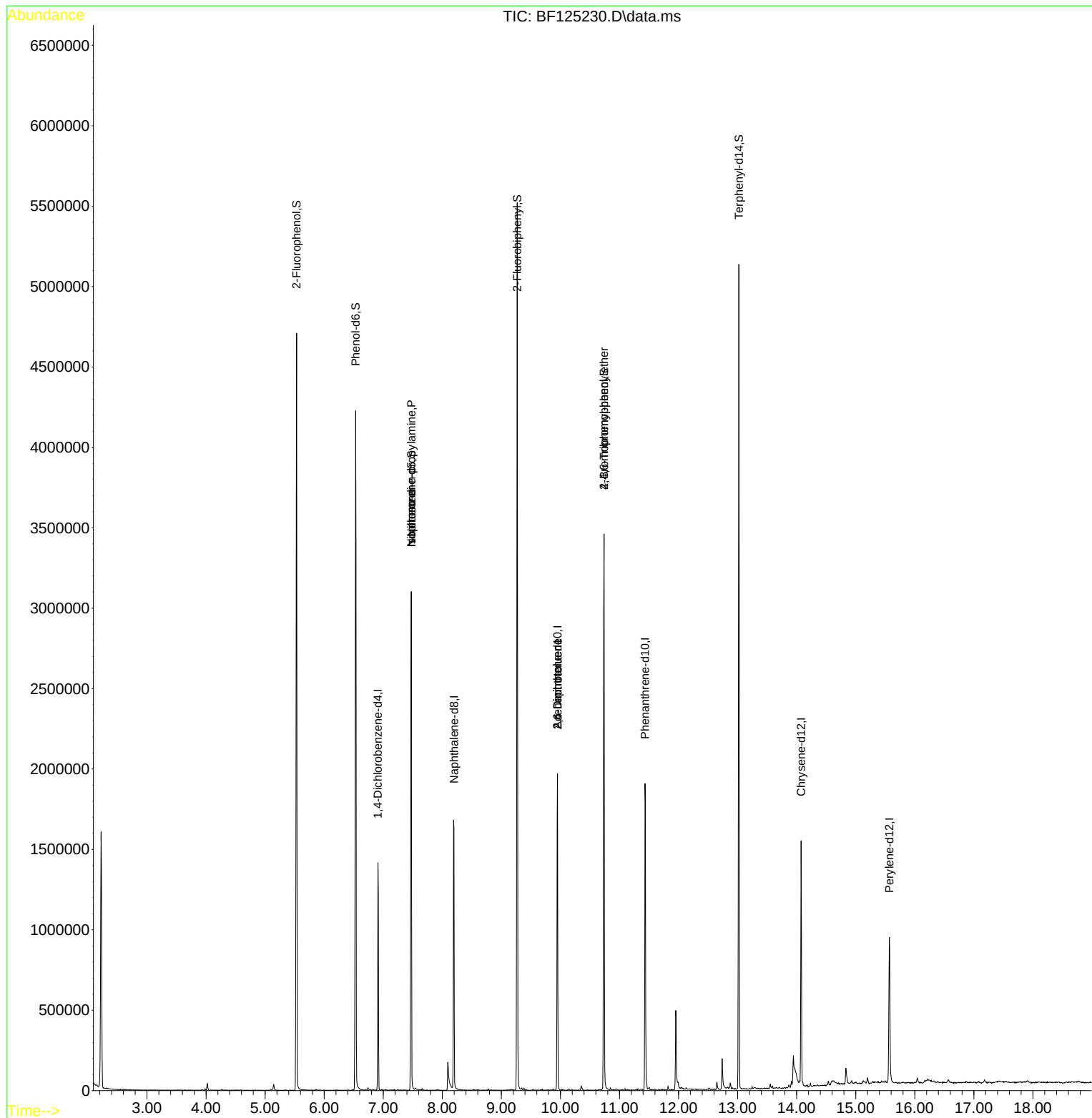
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	200538	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	775507	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	412864	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	733949	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	476369	20.000	ng	0.00
86) Perylene-d12	15.568	264	430062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1192033	89.971	ng	0.00
7) Phenol-d6	6.534	99	1493345	87.150	ng	0.00
23) Nitrobenzene-d5	7.475	82	956960	62.124	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	441482	107.122	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1649285	55.676	ng	0.00
79) Terphenyl-d14	13.021	244	1719572	57.507	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	129206	12.536	ng	# 55
25) Isophorone	7.475	82	956951	32.203	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	52074	8.394	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	52074	6.935	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	26854	3.047	ng	# 1

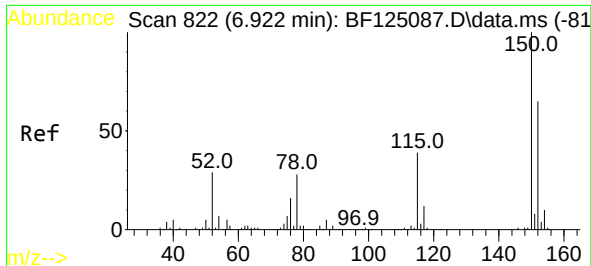
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

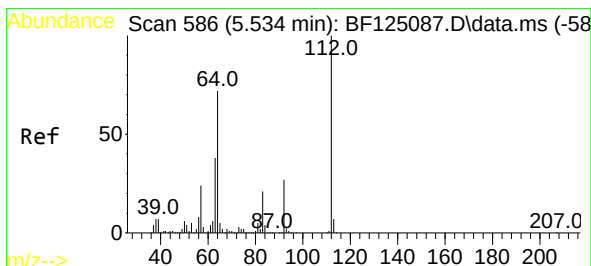
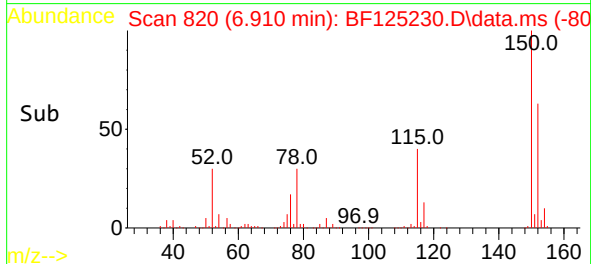
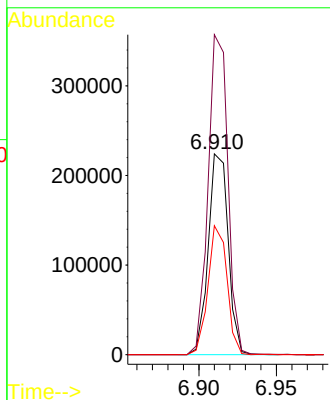
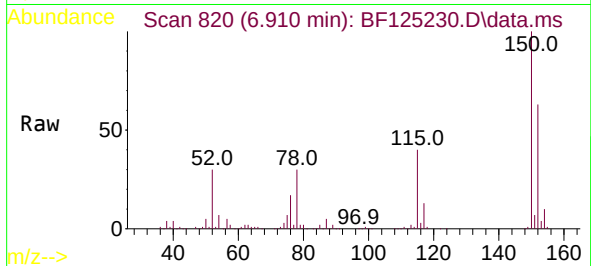




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

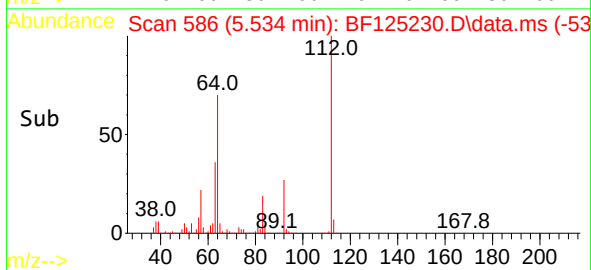
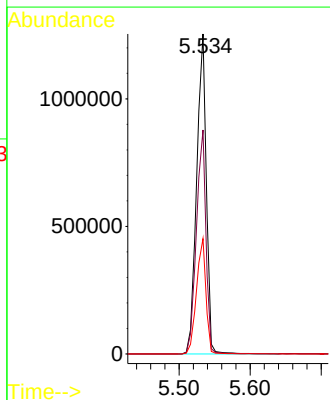
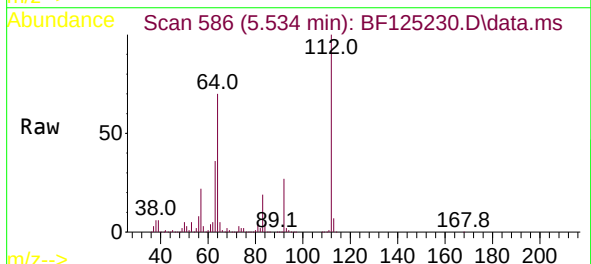
Instrument :
BNA_F
ClientSampled :
PE-4

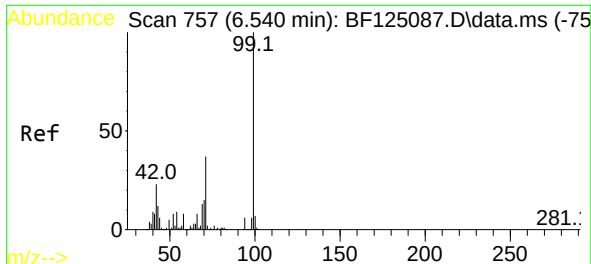
Tgt Ion:152 Resp: 200538
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 89.971 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion:112 Resp: 1192033
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 36.0 26.2 39.2



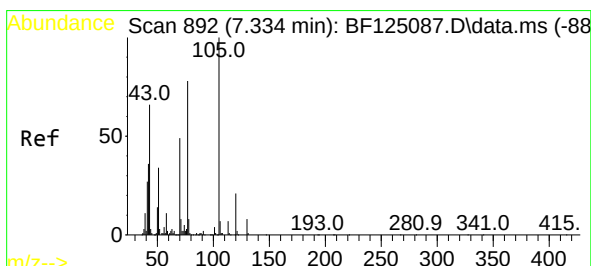
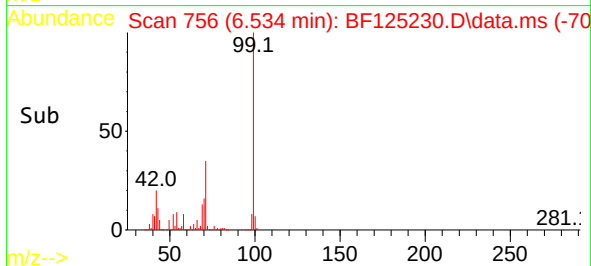
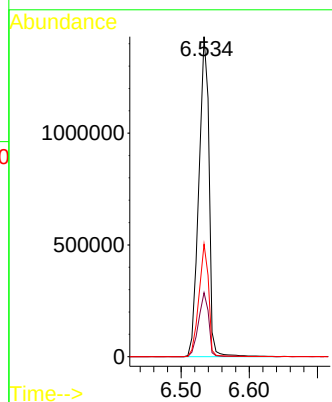
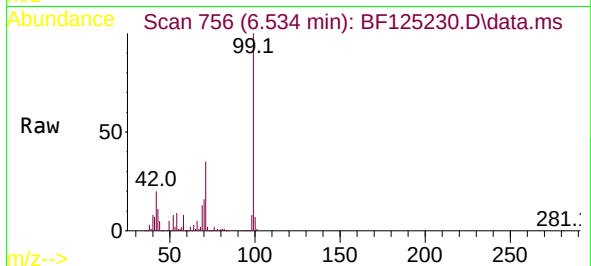


#7
Phenol-d6
Concen: 87.150 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion: 99 Resp: 1493345

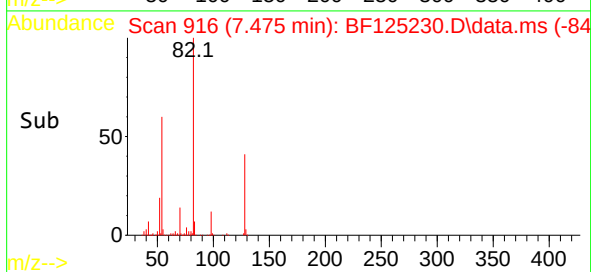
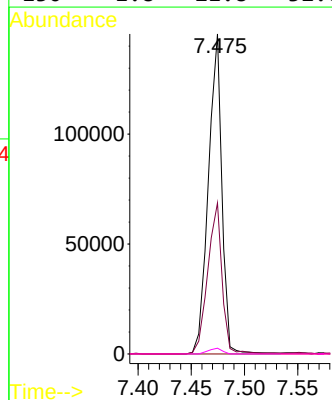
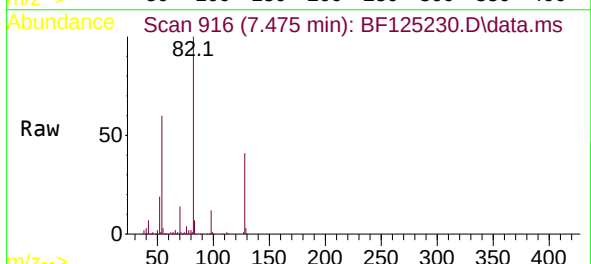
Ion	Ratio	Lower	Upper
99	100		
42	20.0	23.5	35.3#
71	35.2	25.6	38.4

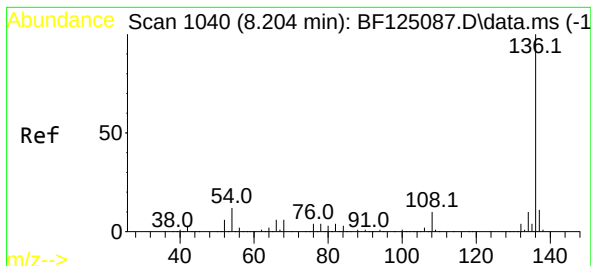


#19
n-Nitroso-di-n-propylamine
Concen: 12.536 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 70 Resp: 129206

Ion	Ratio	Lower	Upper
70	100		
42	47.2	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	21.8	32.6#

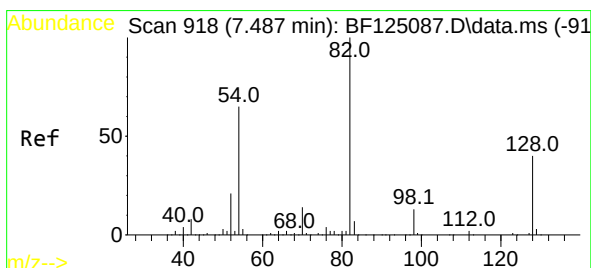
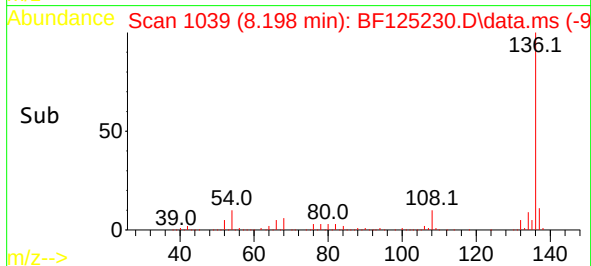
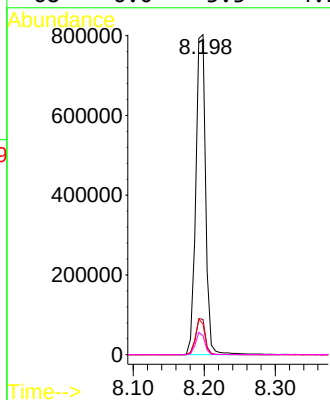
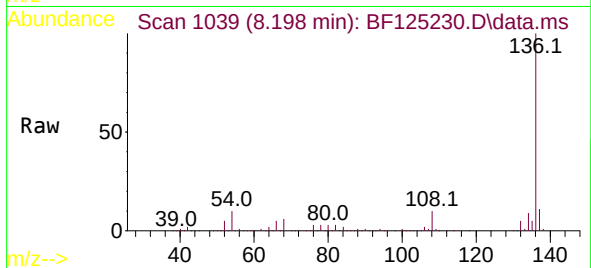




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

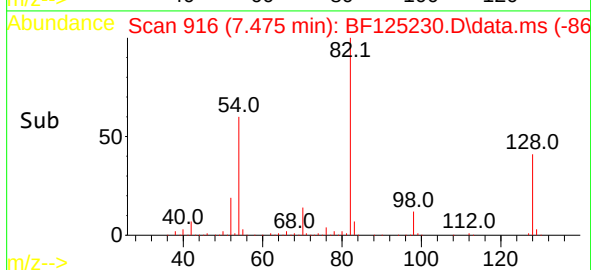
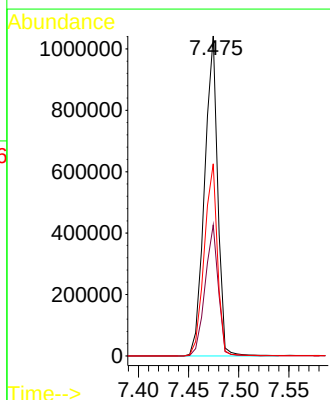
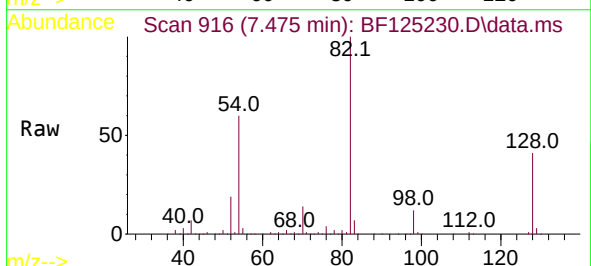
Instrument :
BNA_F
ClientSampled :
PE-4

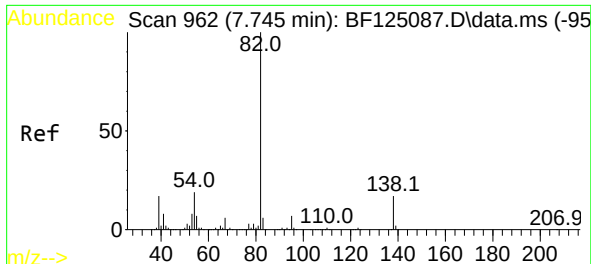
Tgt Ion:136 Resp: 775507
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.6 6.4 9.6
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.124 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 82 Resp: 956960
Ion Ratio Lower Upper
82 100
128 40.9 40.6 60.8
54 60.1 49.6 74.4

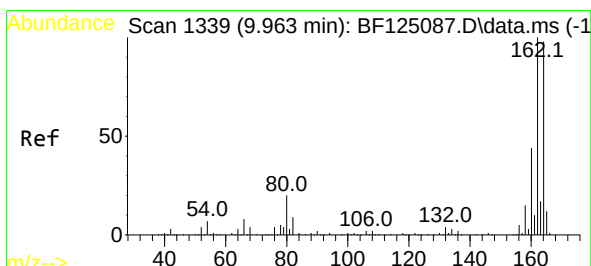
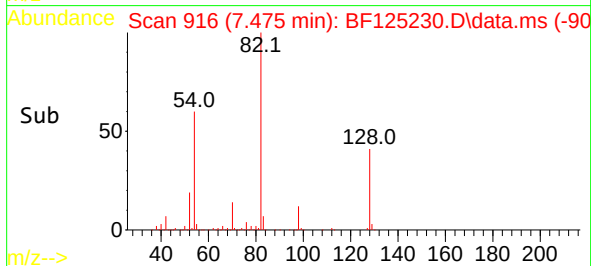
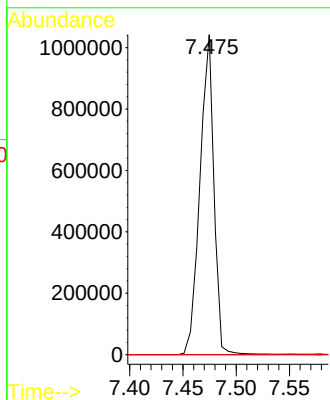
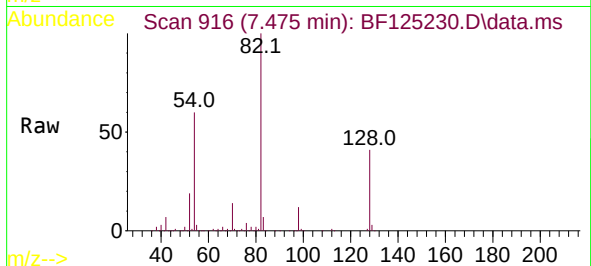




#25
Isophorone
Concen: 32.203 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

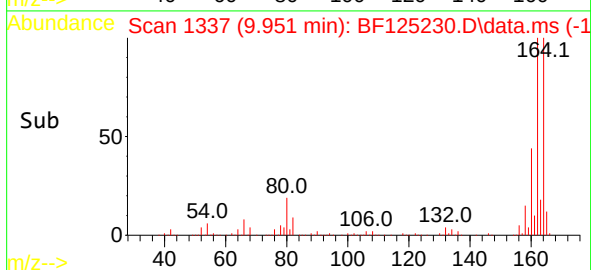
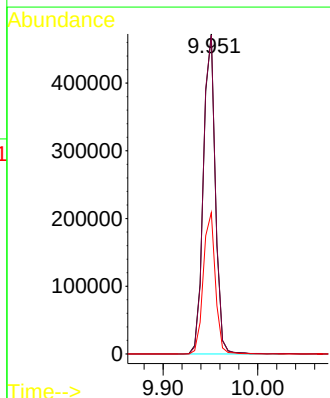
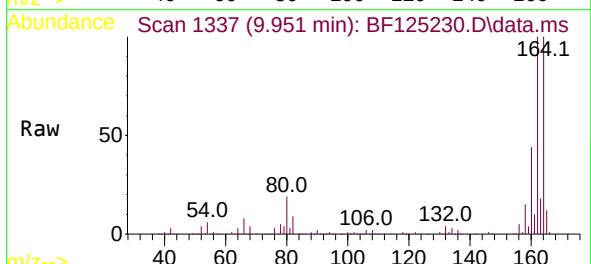
Instrument :
BNA_F
ClientSampleId :
PE-4

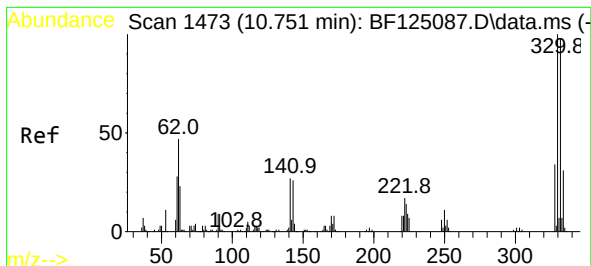
Tgt Ion: 82 Resp: 956951
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion:164 Resp: 412864
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 44.2 38.0 57.0

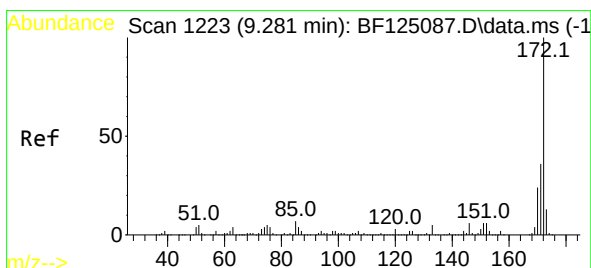
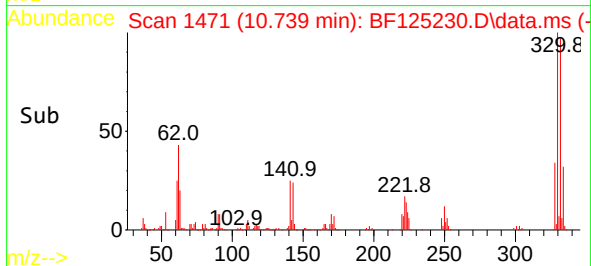
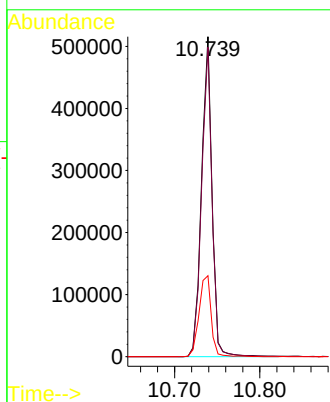
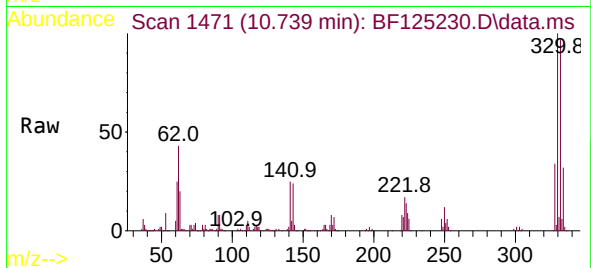




#42
2,4,6-Tribromophenol
Concen: 107.122 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

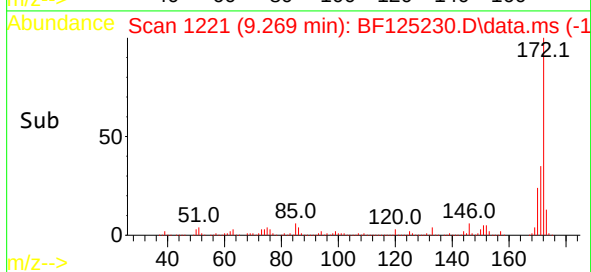
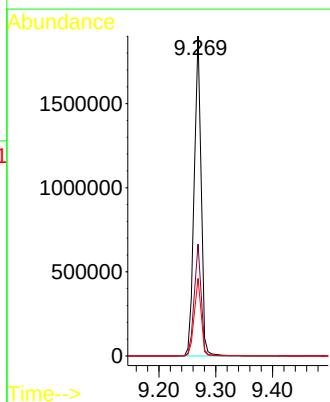
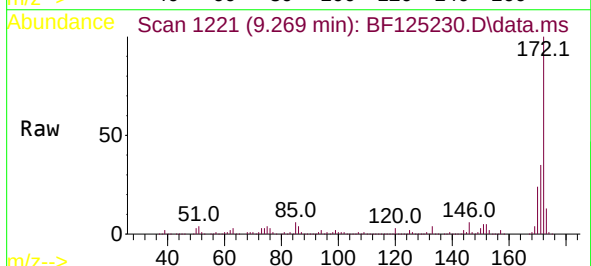
Instrument :
BNA_F
ClientSampled :
PE-4

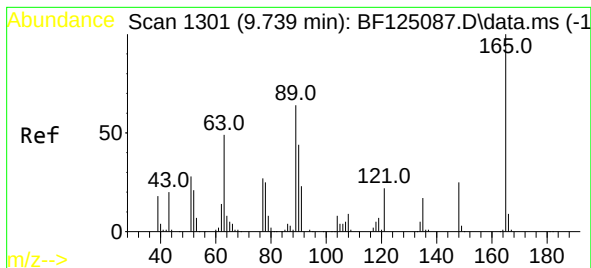
Tgt Ion:330 Resp: 441482
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.676 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion:172 Resp: 1649285
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 24.2 18.8 28.2

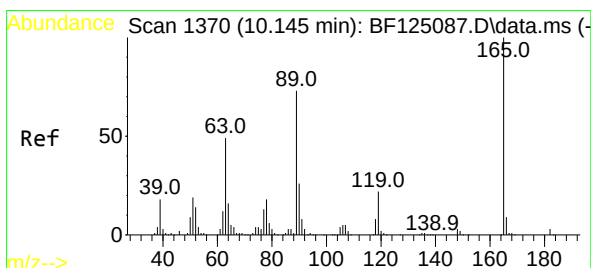
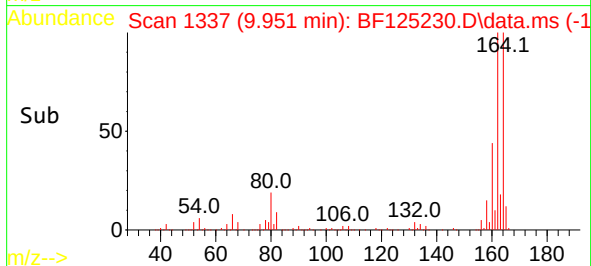
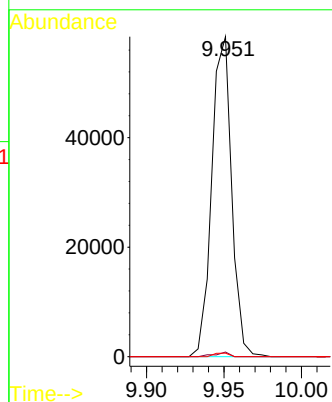
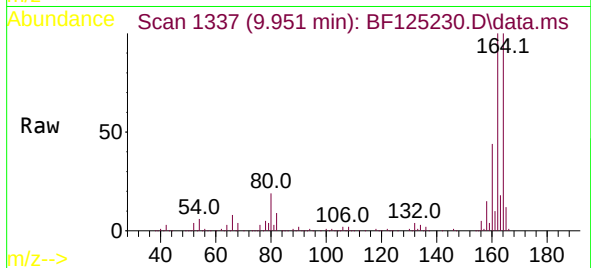




#51
2,6-Dinitrotoluene
Concen: 8.394 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

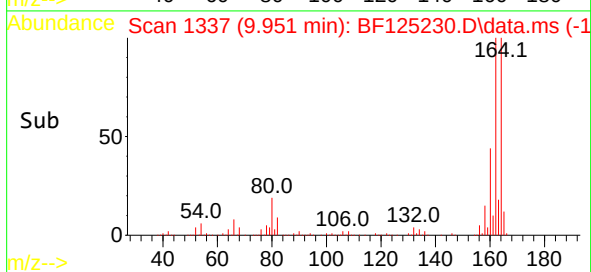
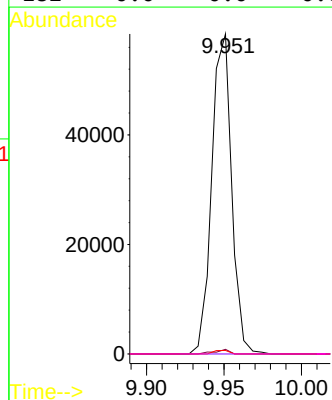
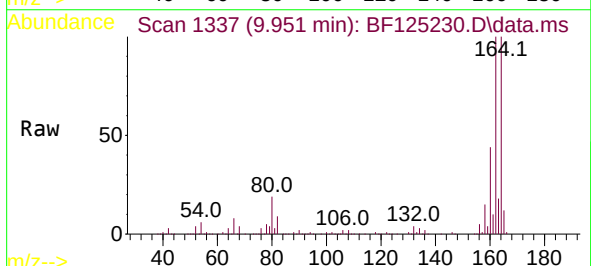
Instrument :
BNA_F
ClientSampleId :
PE-4

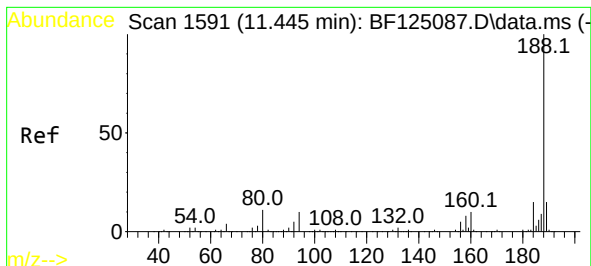
Tgt Ion:165 Resp: 52074
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.935 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion:165 Resp: 52074
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

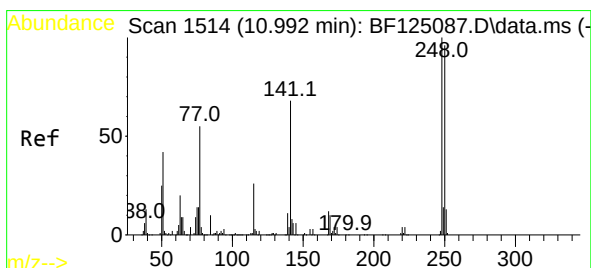
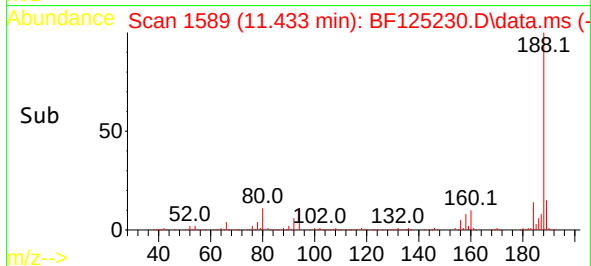
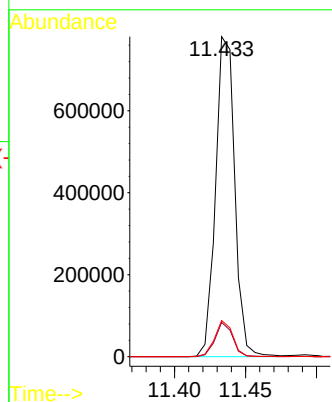
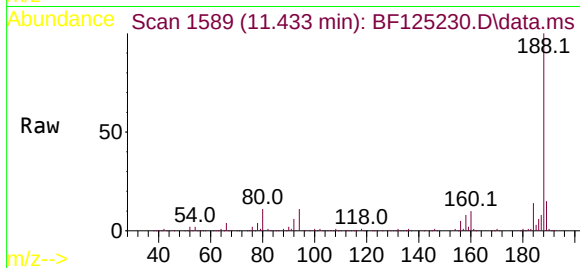




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

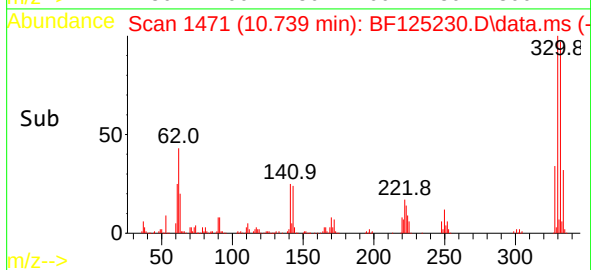
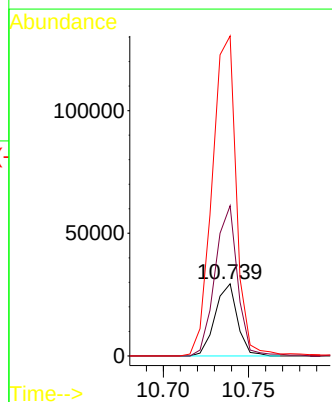
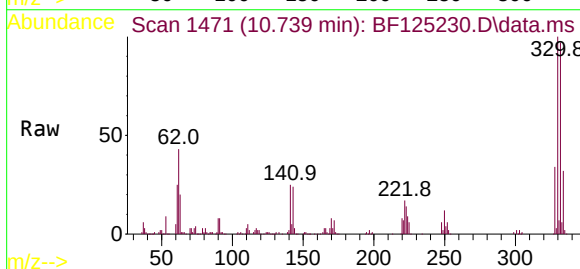
Instrument :
BNA_F
ClientSampled :
PE-4

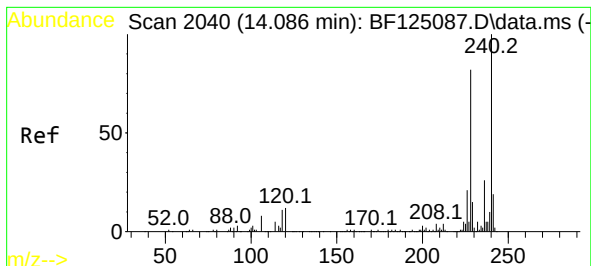
Tgt Ion:188 Resp: 733949
Ion Ratio Lower Upper
188 100
94 10.7 6.7 10.1#
80 11.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.047 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion:248 Resp: 26854
Ion Ratio Lower Upper
248 100
250 208.4 74.2 111.4#
141 443.6 60.4 90.6#

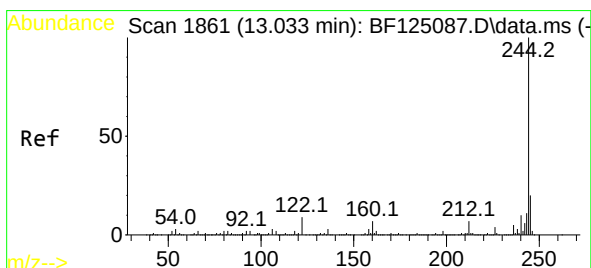
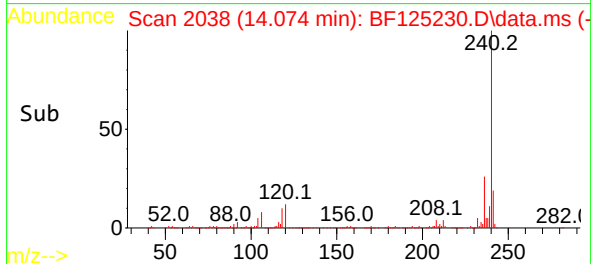
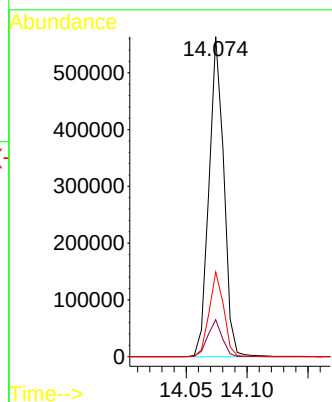
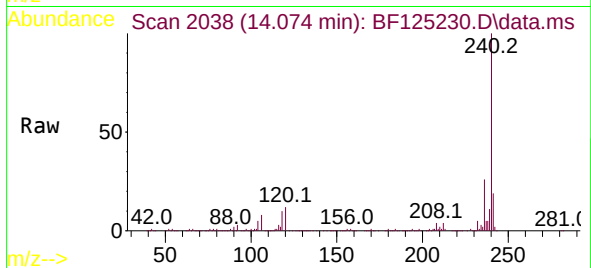




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

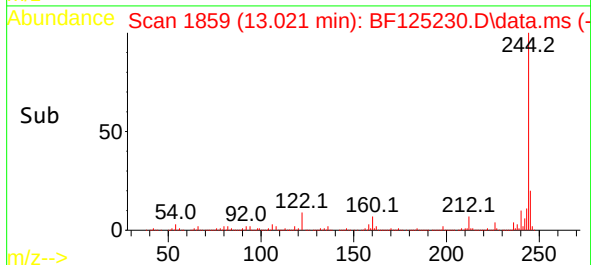
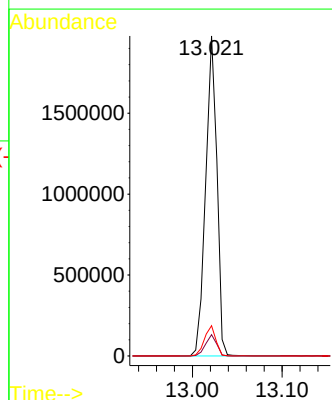
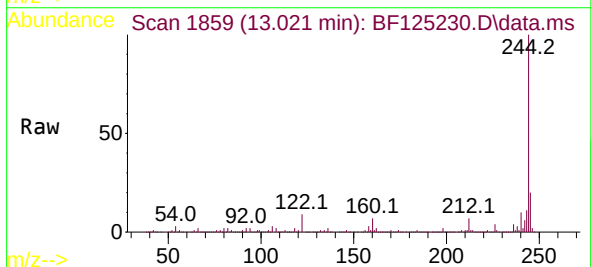
Instrument :
BNA_F
ClientSampleId :
PE-4

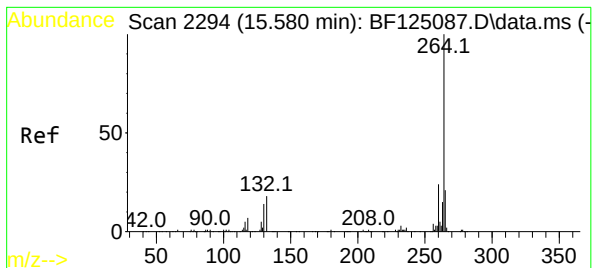
Tgt Ion:240 Resp: 476369
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 26.5 21.6 32.4



#79
Terphenyl-d14
Concen: 57.507 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Tgt Ion:244 Resp: 1719572
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF125230.D
Acq: 26 Aug 2021 17:52

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:264 Resp: 430062

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	22.0	17.2	25.8

