

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125872.D
 Acq On : 18 Oct 2021 12:07
 Operator : JU/CG
 Sample : PB139926BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139926BL

Quant Time: Oct 18 12:44:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

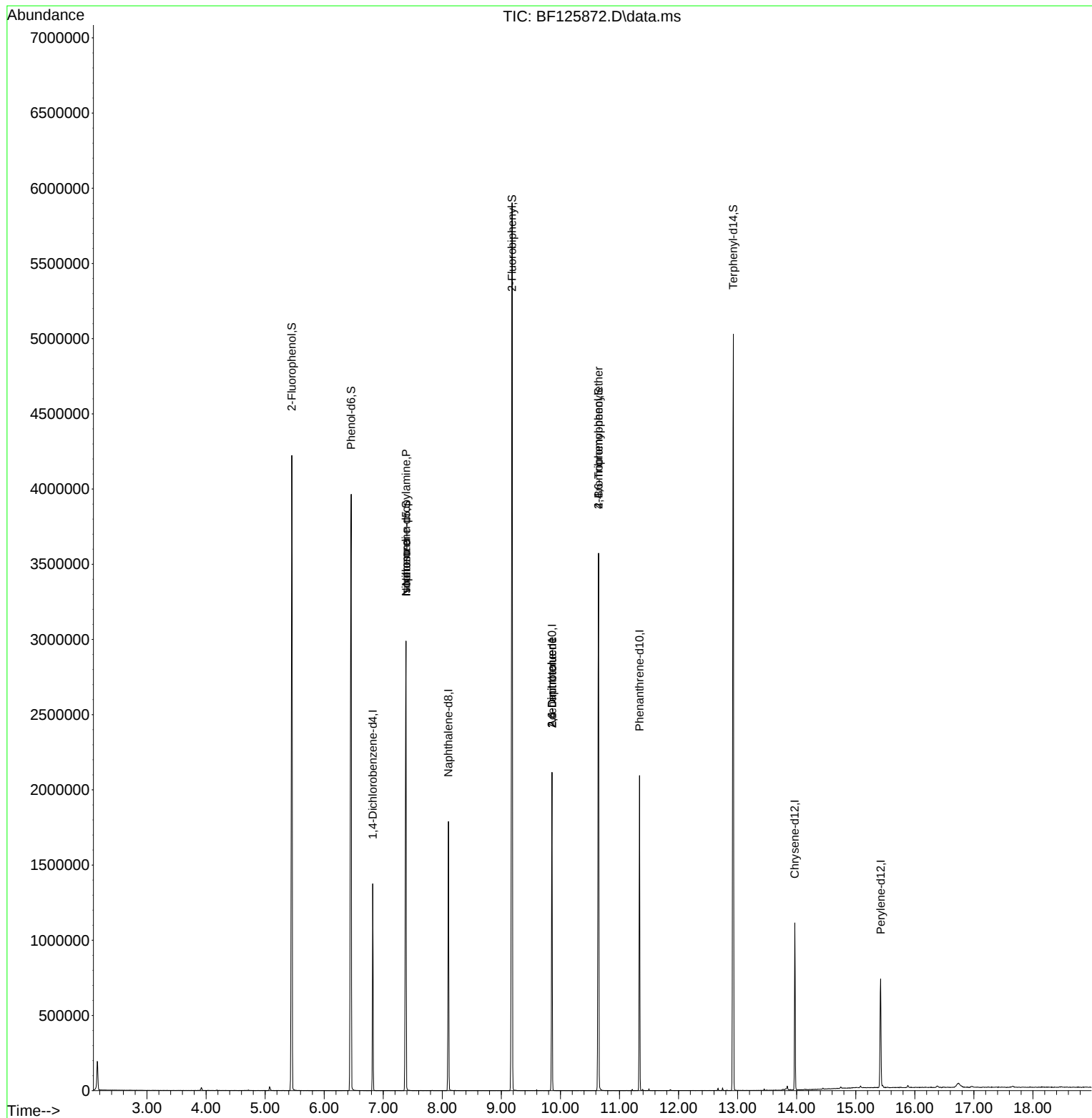
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	201724	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	821919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	426342	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	696135	20.000	ng	0.00
76) Chrysene-d12	13.968	240	353029	20.000	ng	0.00
86) Perylene-d12	15.421	264	314330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1533147	124.159	ng	0.01
7) Phenol-d6	6.457	99	1840637	115.790	ng	0.00
23) Nitrobenzene-d5	7.387	82	1127900	85.301	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	486914	115.675	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2106299	85.213	ng	0.00
79) Terphenyl-d14	12.927	244	1858314	80.183	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	139938	16.676	ng	# 50
25) Isophorone	7.387	82	1125815	48.059	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	55578	9.797	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	55578	7.748	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	27074	3.512	ng	# 1

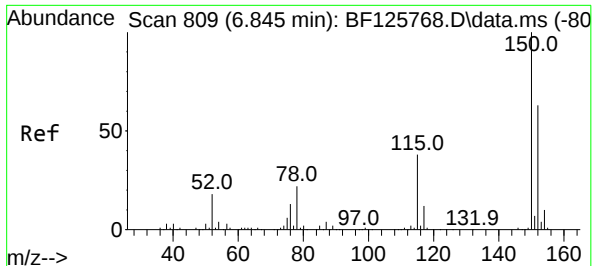
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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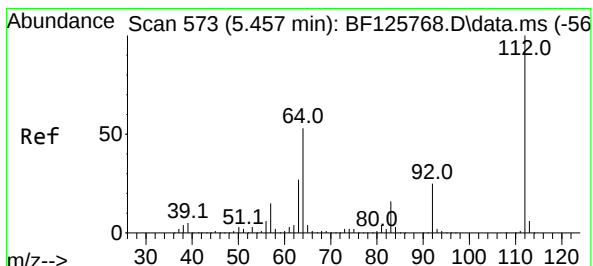
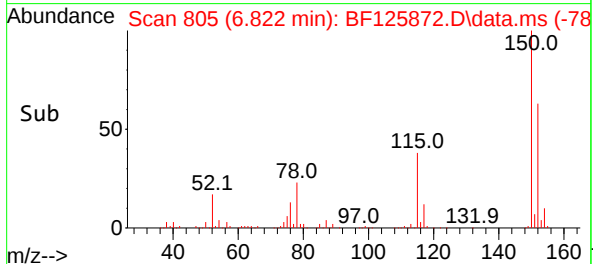
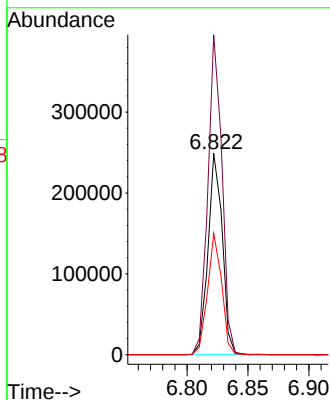
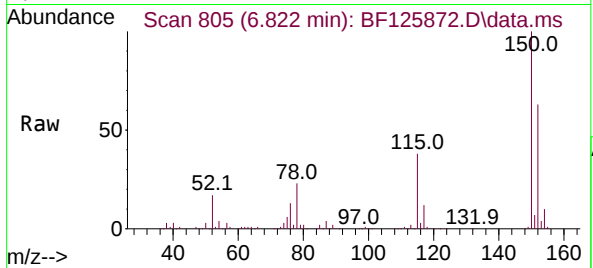




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

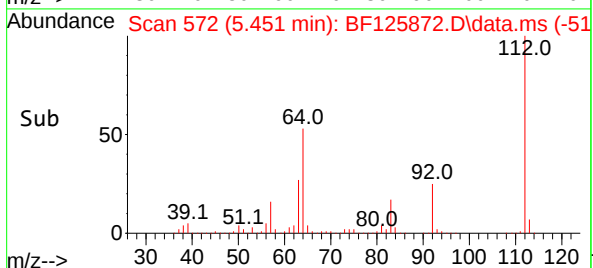
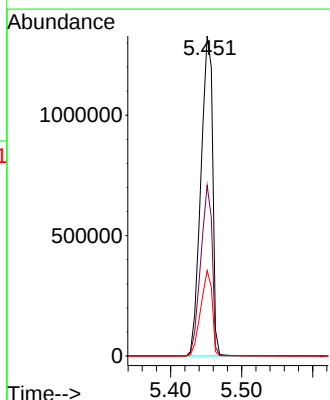
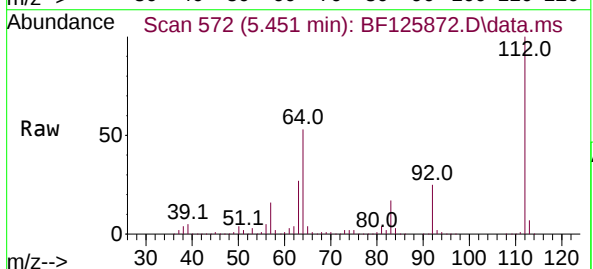
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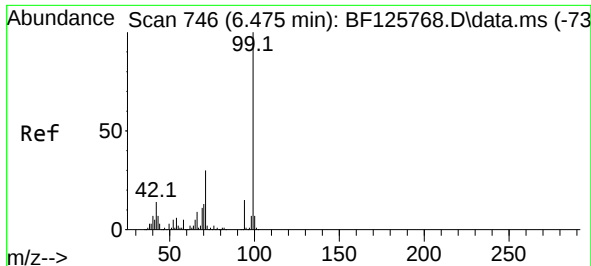
Tgt Ion:152 Resp: 201724
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 124.159 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion:112 Resp: 1533147
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 26.7 26.2 39.2

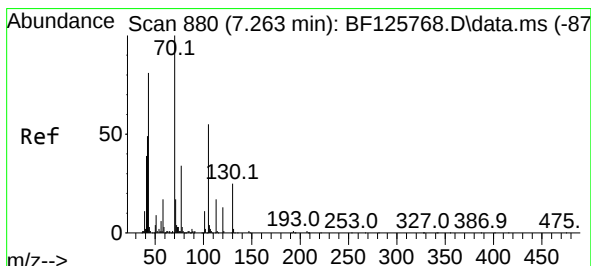
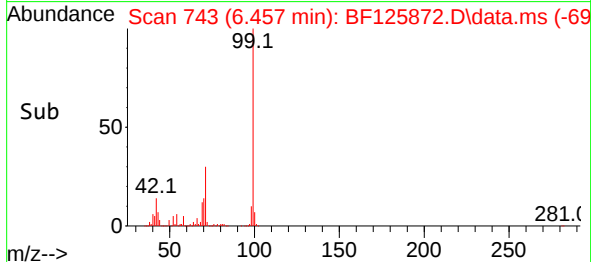
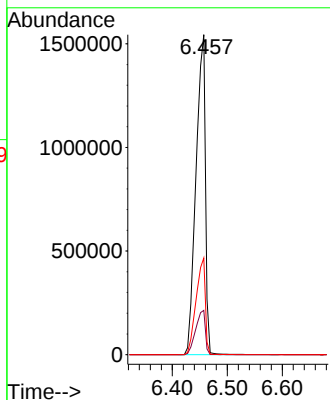
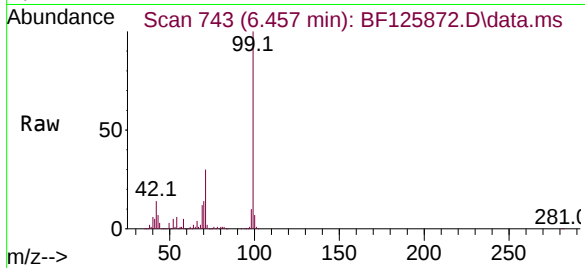




#7
Phenol-d6
Concen: 115.790 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

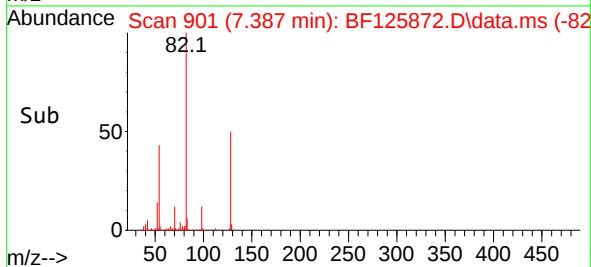
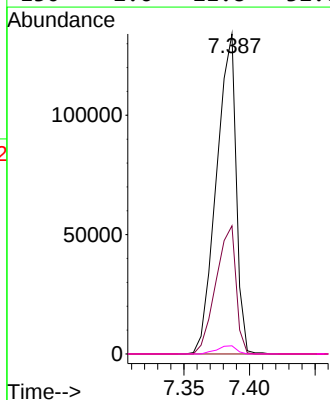
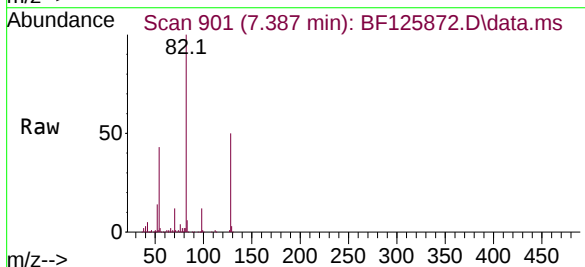
Instrument :
BNA_F
ClientSampleId :
PB139926BL

Tgt Ion: 99 Resp: 1840637
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 30.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.676 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion: 70 Resp: 139938
Ion Ratio Lower Upper
70 100
42 40.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

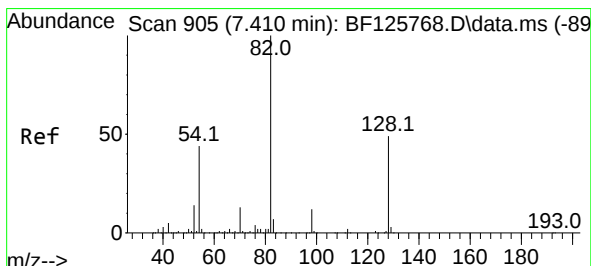
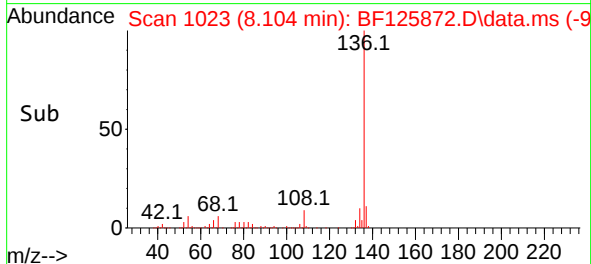
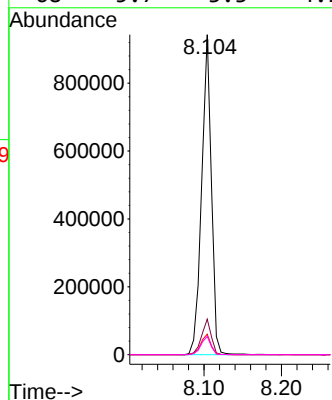
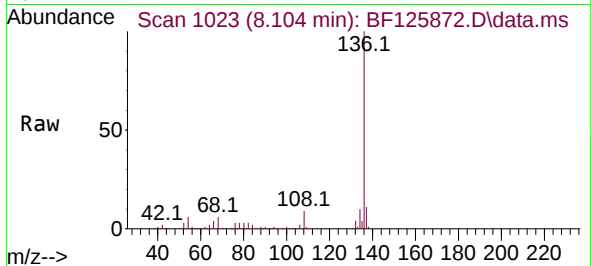




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

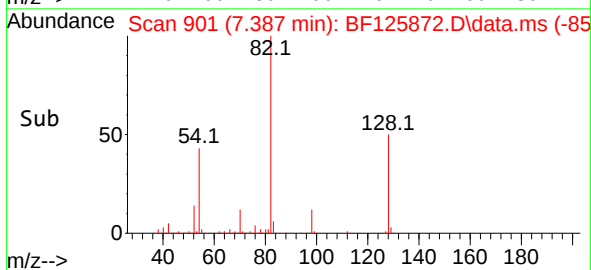
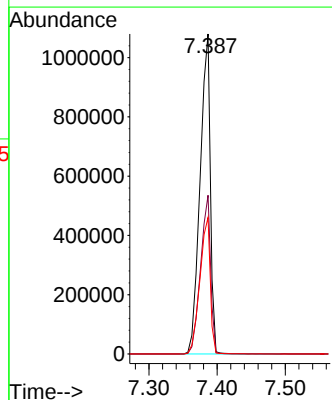
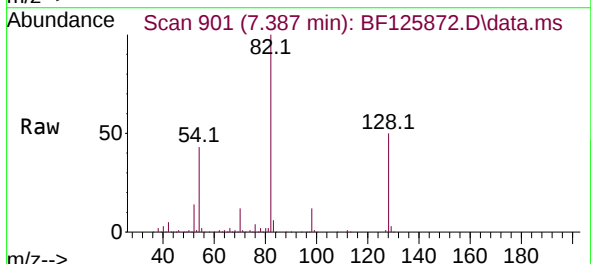
Instrument :
BNA_F
ClientSampleId :
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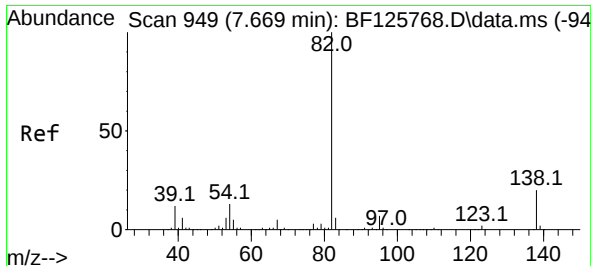
Tgt Ion:136	Resp: 821919
Ion Ratio	Lower Upper
136	100
137	11.1 9.8 14.6
54	6.4 6.4 9.6
68	5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 85.301 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion: 82	Resp: 1127900
Ion Ratio	Lower Upper
82	100
128	49.6 40.6 60.8
54	42.7 49.6 74.4#

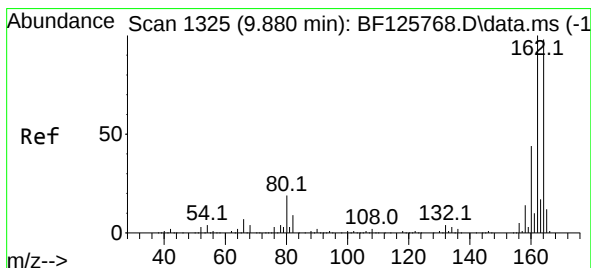
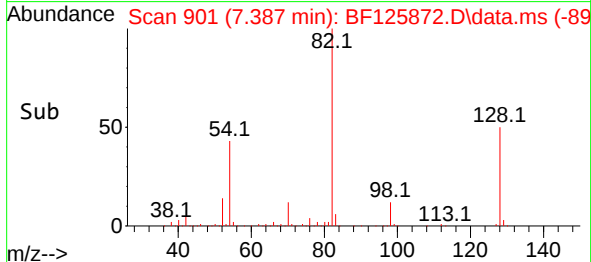
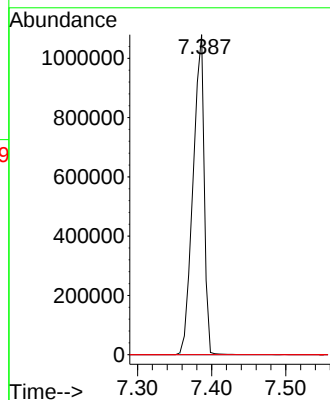
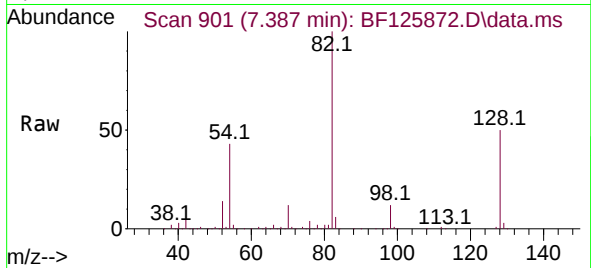




#25
Isophorone
Concen: 48.059 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

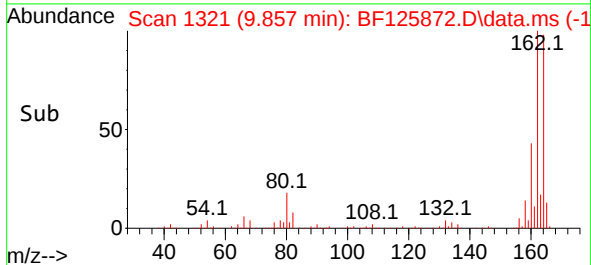
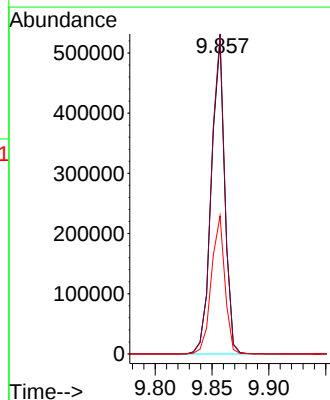
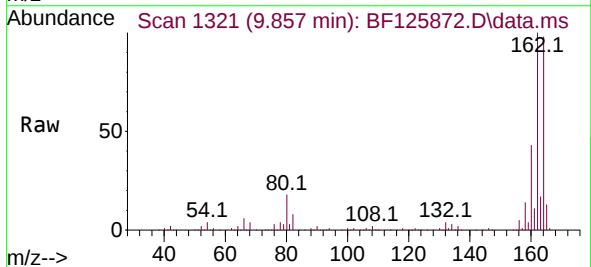
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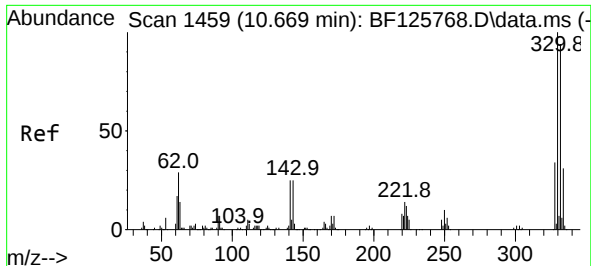
Tgt Ion: 82 Resp: 1125815
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion: 164 Resp: 426342
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.1 38.0 57.0

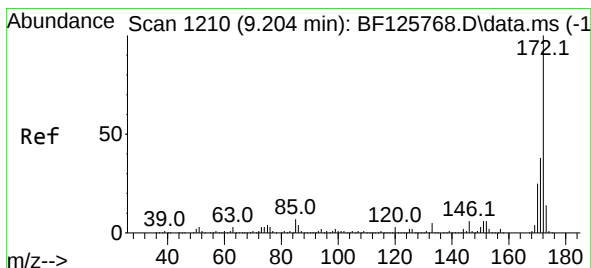
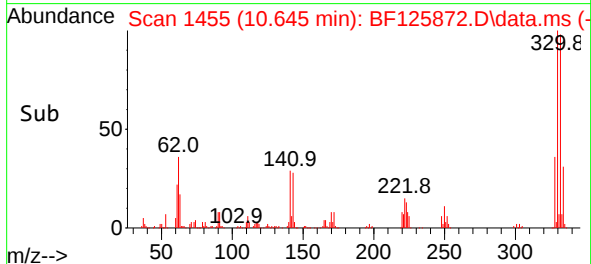
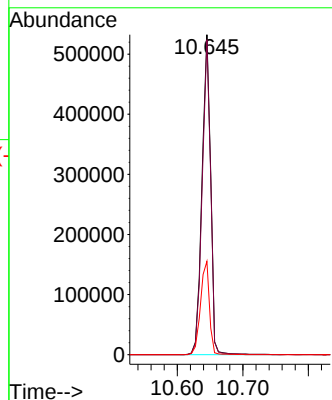
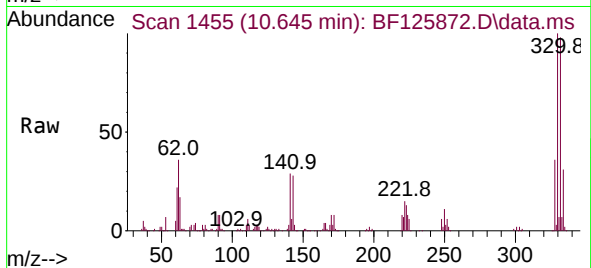




#42
2,4,6-Tribromophenol
Concen: 115.675 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

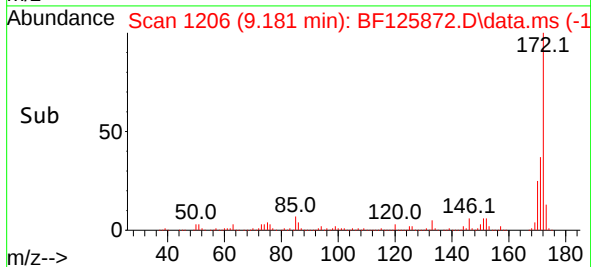
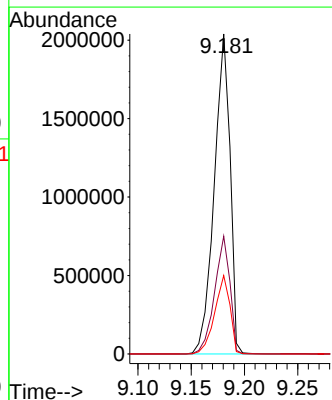
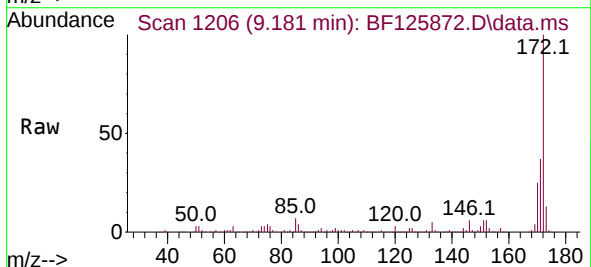
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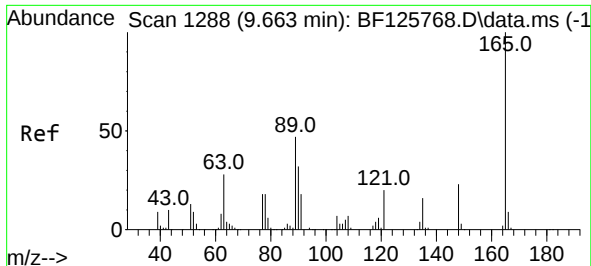
Tgt Ion:330 Resp: 486914
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 30.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 85.213 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion:172 Resp: 2106299
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.5 18.8 28.2

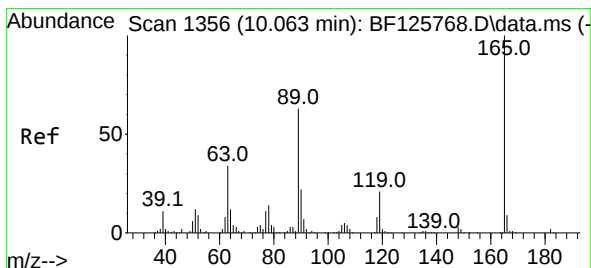
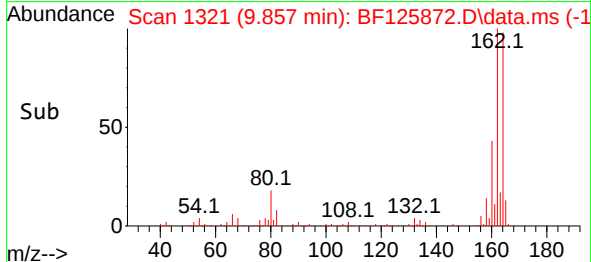
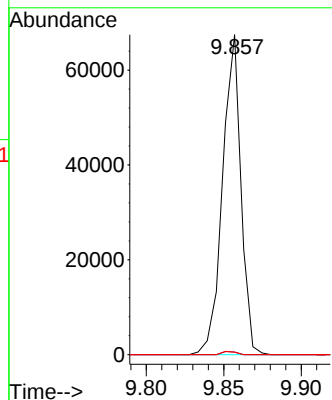
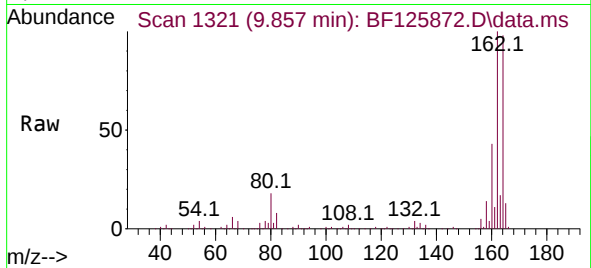




#51
2,6-Dinitrotoluene
Concen: 9.797 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

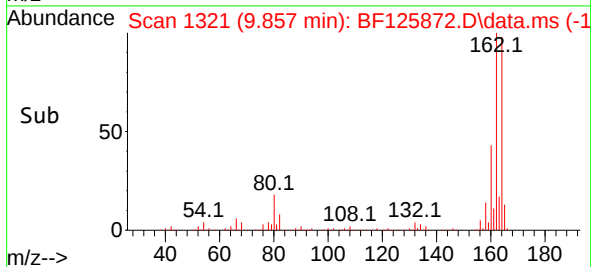
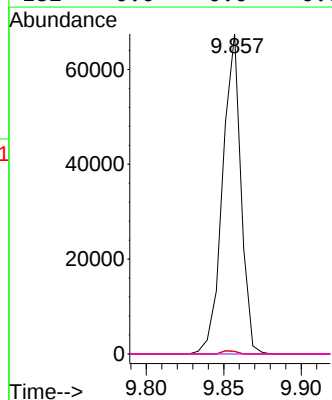
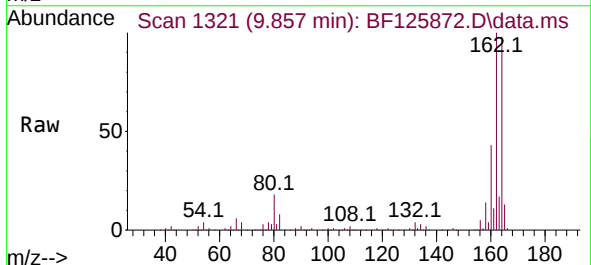
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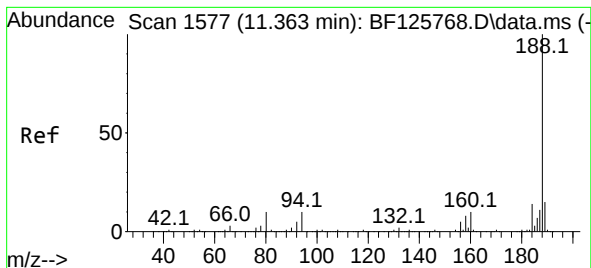
Tgt Ion:165 Resp: 55578
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.748 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion:165 Resp: 55578
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

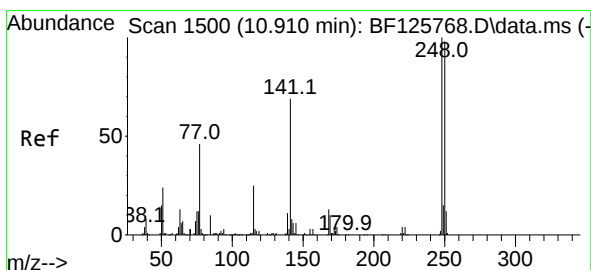
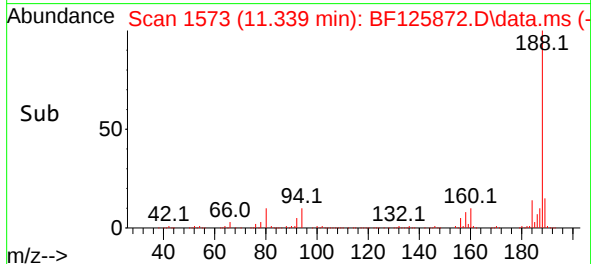
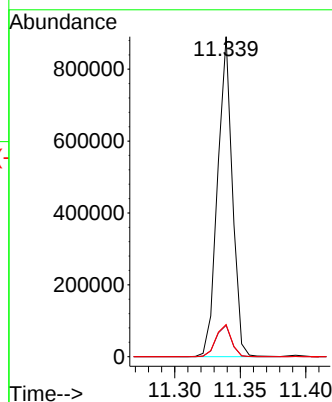
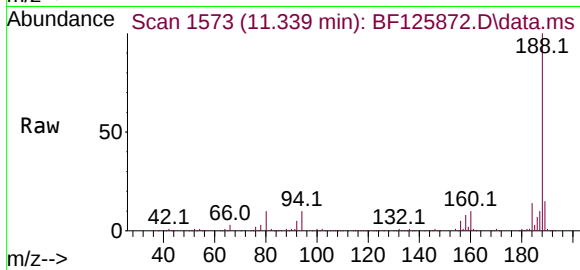




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

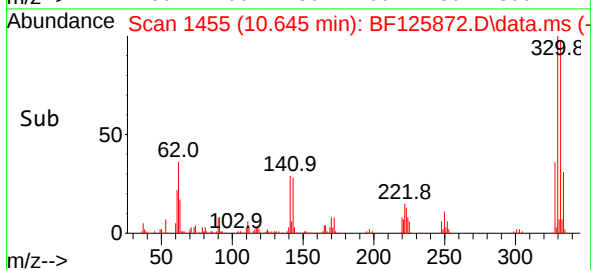
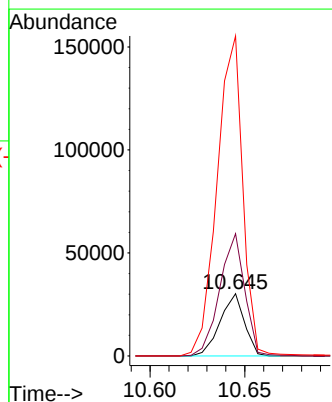
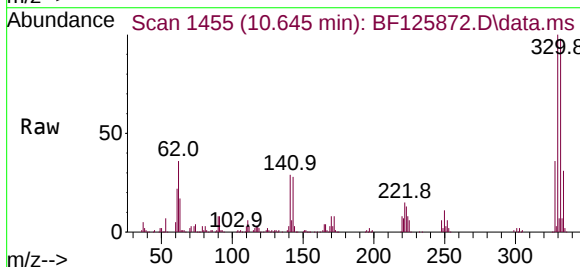
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PB139926BL

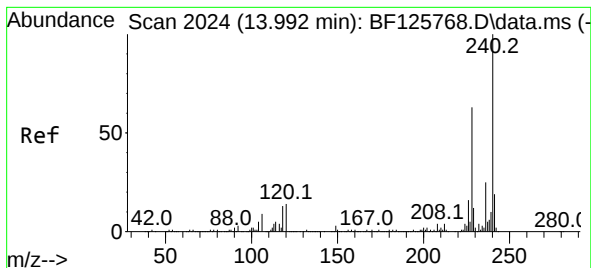
Tgt Ion:188 Resp: 696135
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion:248 Resp: 27074
Ion Ratio Lower Upper
248 100
250 196.2 74.2 111.4#
141 513.7 60.4 90.6#

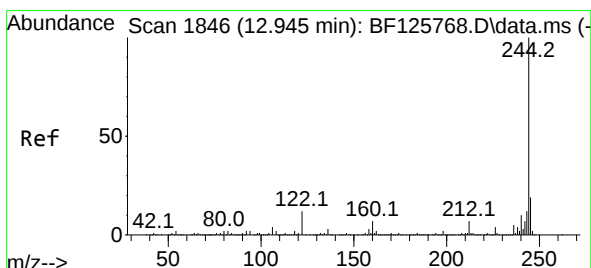
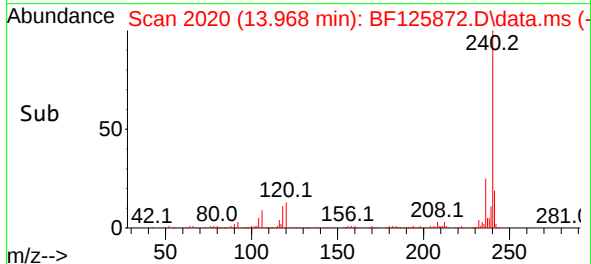
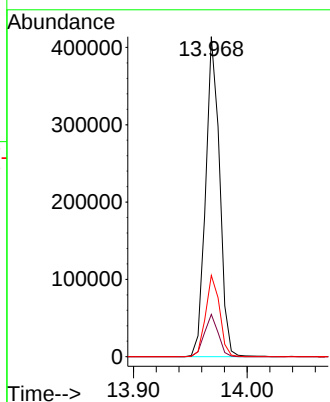
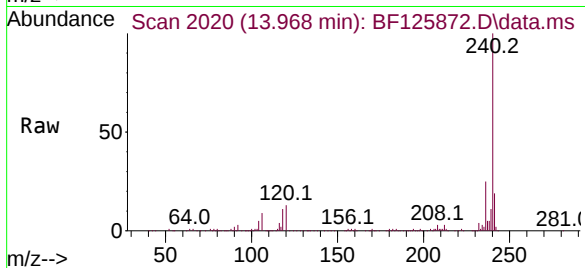




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

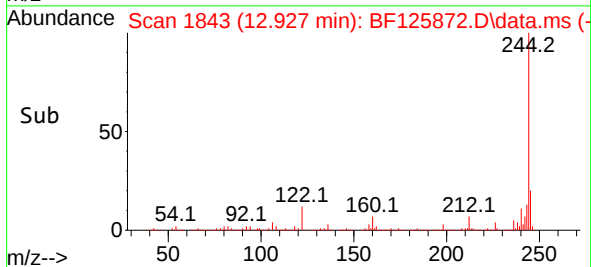
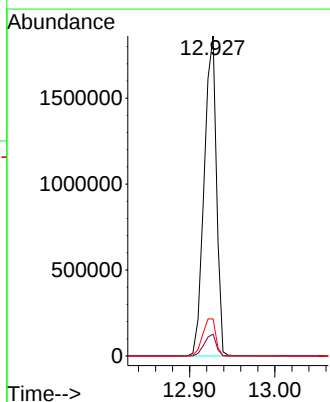
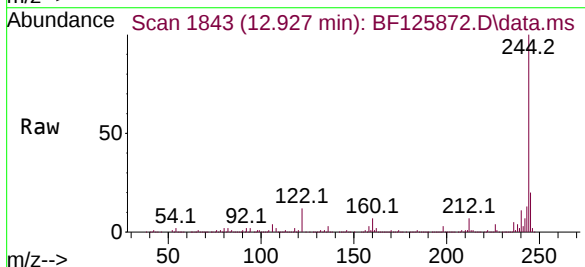
Instrument :
BNA_F
ClientSampleId :
PB139926BL

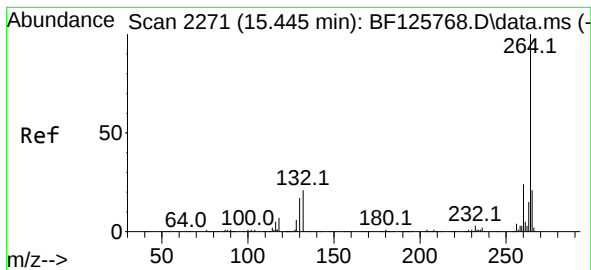
Tgt Ion:240 Resp: 353029
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 80.183 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF125872.D
Acq: 18 Oct 2021 12:07

Tgt Ion:244 Resp: 1858314
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF125872.D
 Acq: 18 Oct 2021 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB139926BL

Tgt Ion:264 Resp: 314330
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.5 17.2 25.8

