

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100721\
 Data File : BF125773.D
 Acq On : 7 Oct 2021 17:25
 Operator : JU/CG
 Sample : PB139661BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139661BL

Quant Time: Oct 07 18:14:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

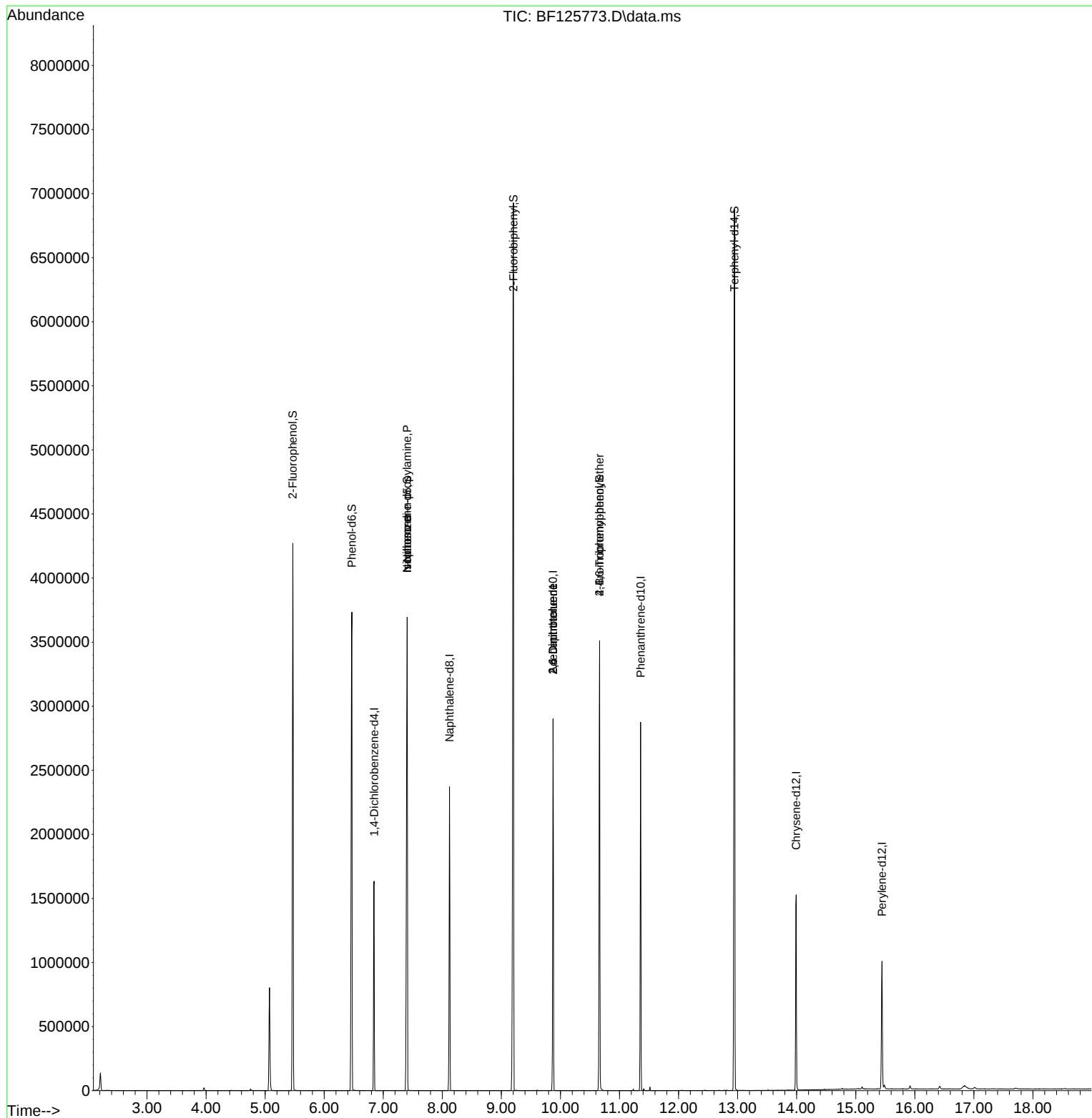
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	263137	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1093488	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	581841	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	983421	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	526215	20.000	ng	0.00
86) Perylene-d12	15.445	264	412875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1355469	84.151	ng	0.01
7) Phenol-d6	6.469	99	1615548	77.911	ng	0.00
23) Nitrobenzene-d5	7.404	82	1427162	81.128	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	459014	79.904	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2662769	78.936	ng	0.00
79) Terphenyl-d14	12.945	244	2616030	75.727	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	181595	16.590	ng	# 51
25) Isophorone	7.404	82	1425146	45.728	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	73962	9.553	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	73962	7.556	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	25279	2.321	ng	# 1

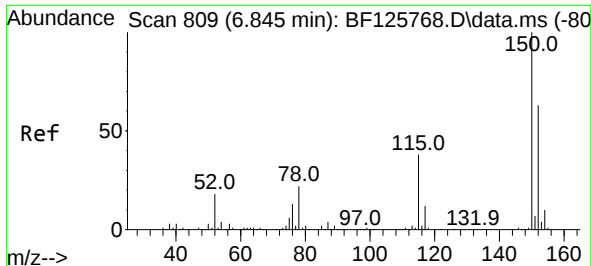
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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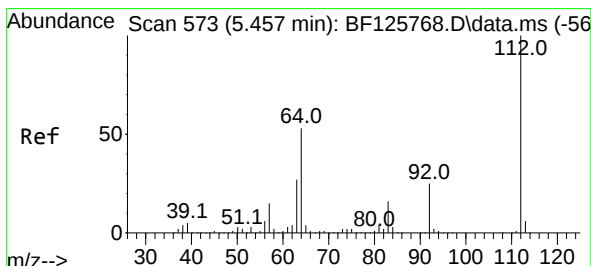
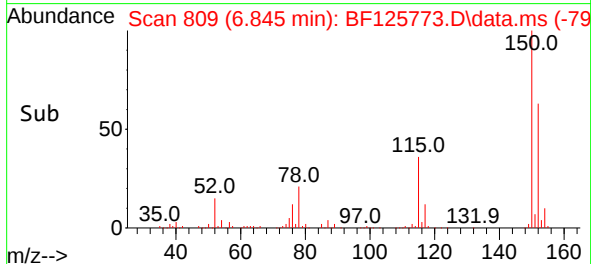
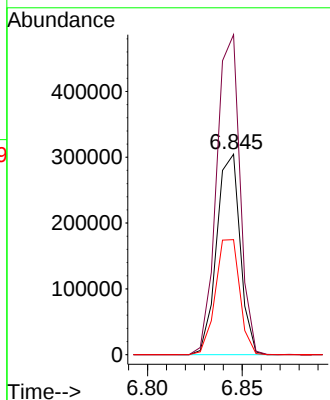
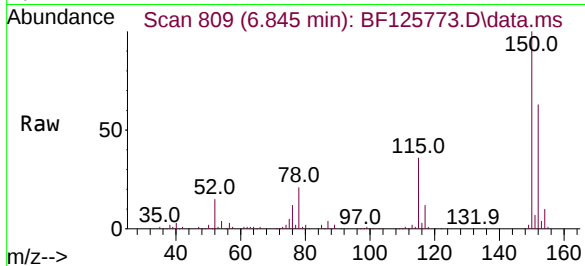




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

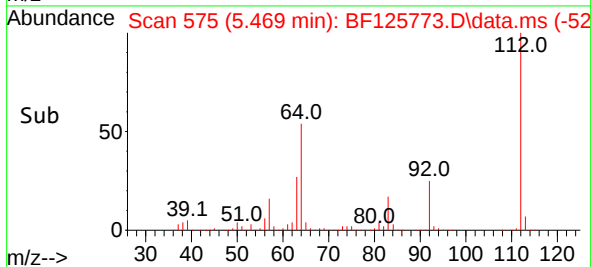
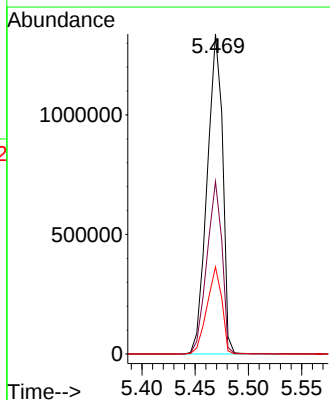
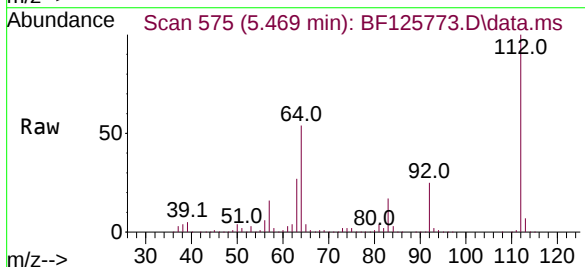
Instrument :
BNA_F
ClientSampleId :
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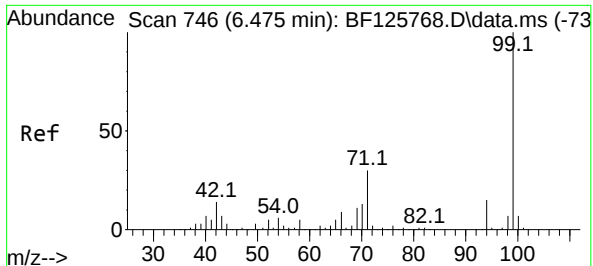
Tgt Ion:152 Resp: 263137
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 84.151 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion:112 Resp: 1355469
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 27.2 26.2 39.2

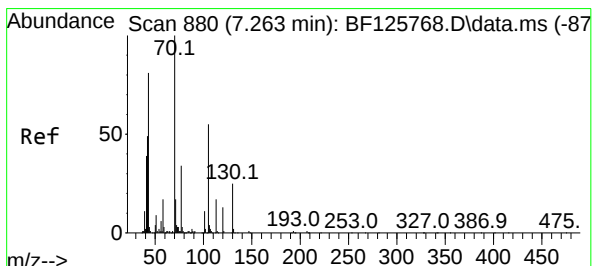
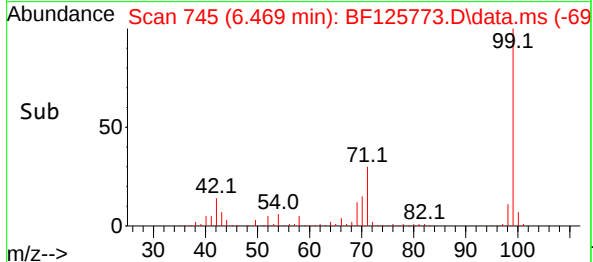
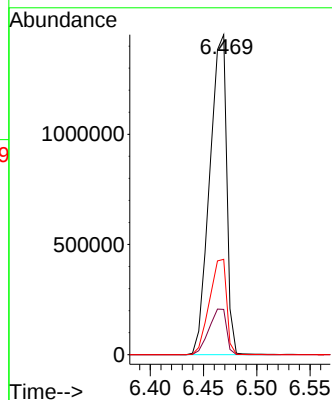
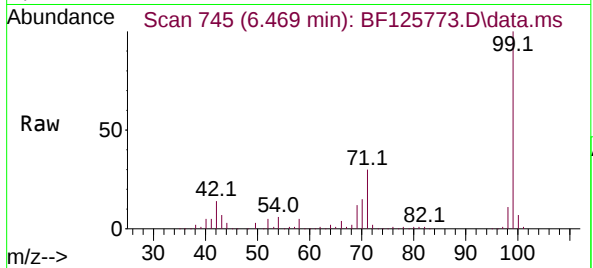




#7
Phenol-d6
Concen: 77.911 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

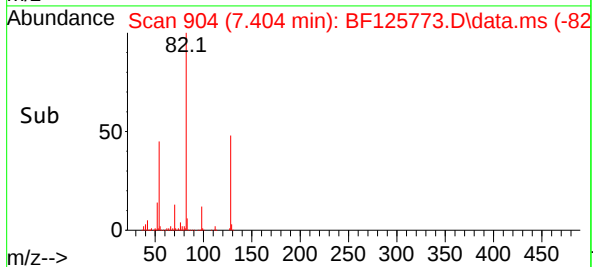
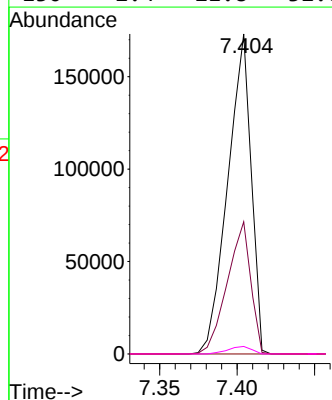
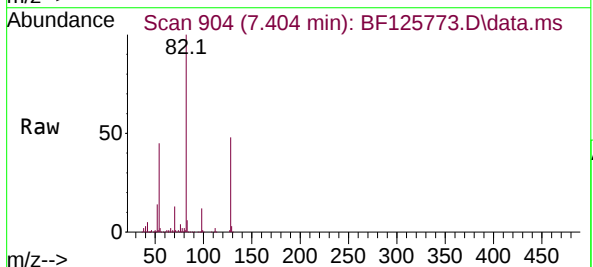
Instrument :
BNA_F
ClientSampleId :
PB139661BL

Tgt Ion: 99 Resp: 1615548
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.590 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion: 70 Resp: 181595
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

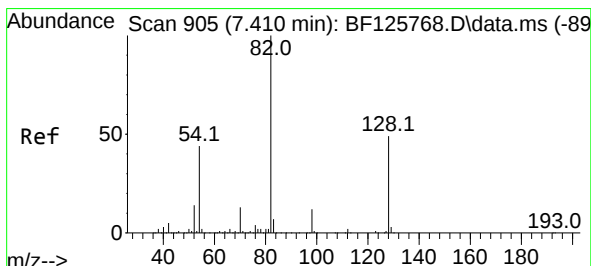
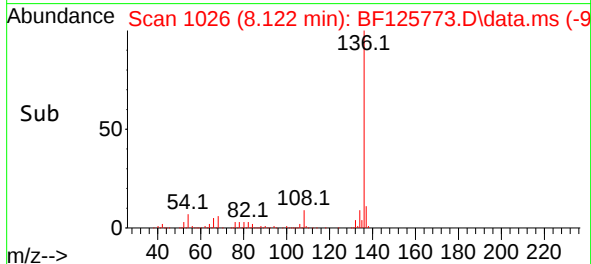
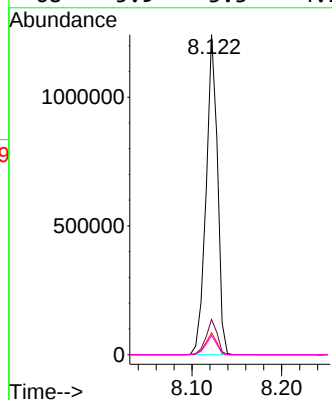
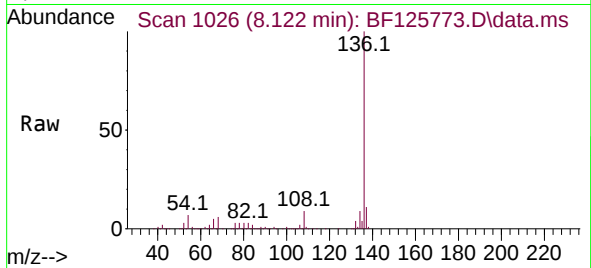




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

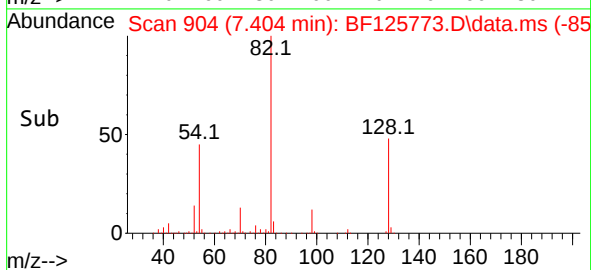
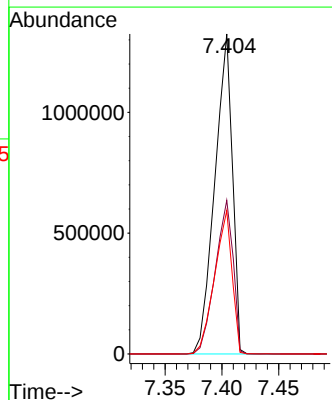
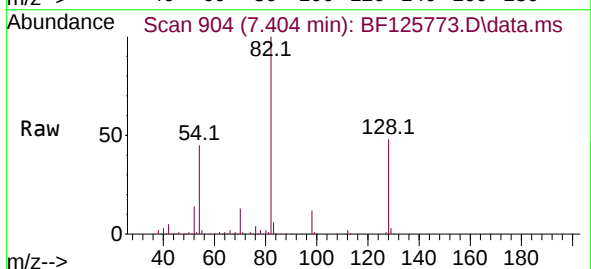
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ClientSampleId :
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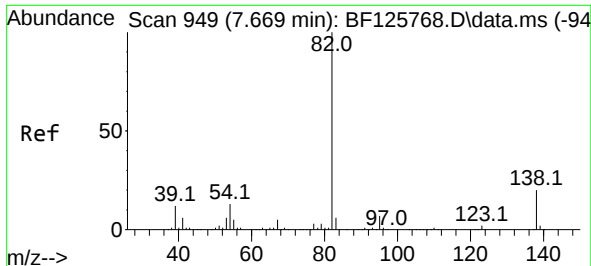
Tgt Ion:136 Resp: 1093488
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 6.8 6.4 9.6
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 81.128 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion: 82 Resp: 1427162
Ion Ratio Lower Upper
82 100
128 48.0 40.6 60.8
54 44.8 49.6 74.4#

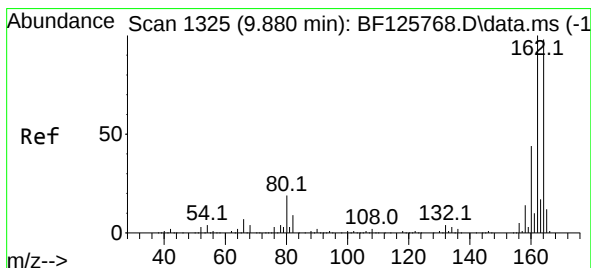
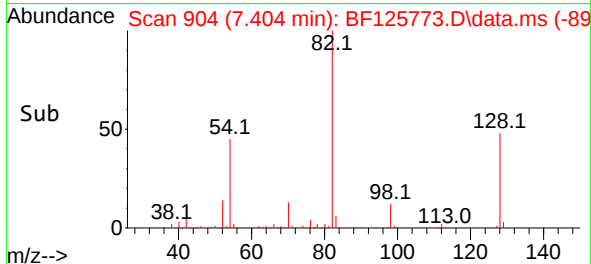
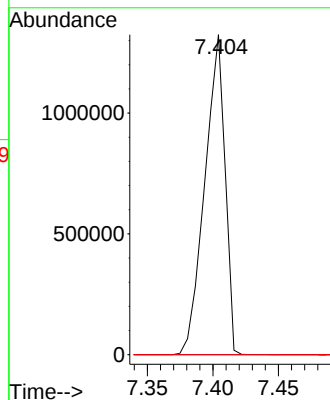
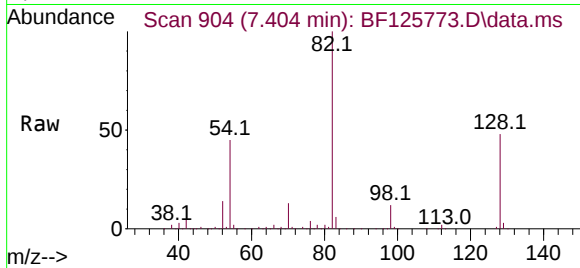




#25
Isophorone
Concen: 45.728 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.264 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

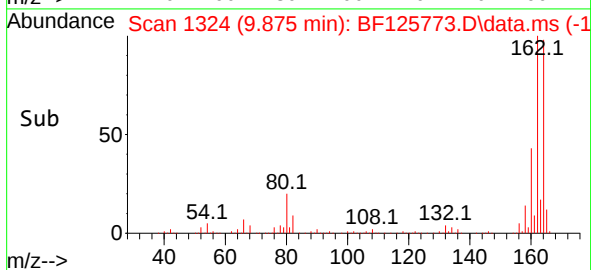
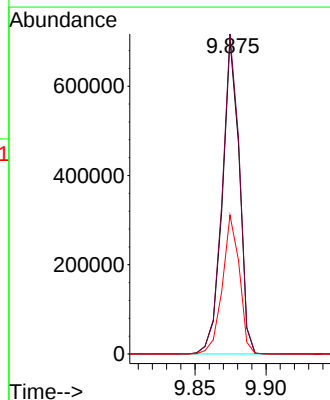
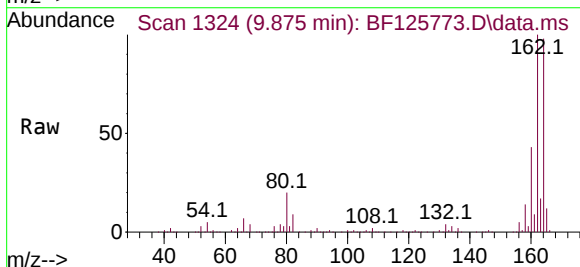
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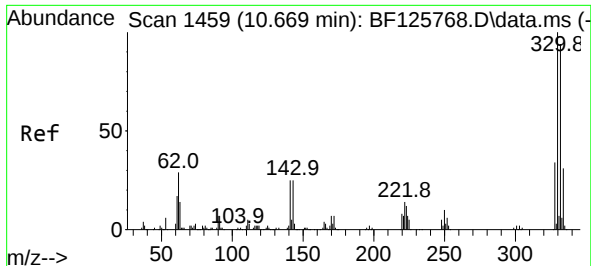
Tgt Ion: 82 Resp: 1425146
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion:164 Resp: 581841
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.2 38.0 57.0

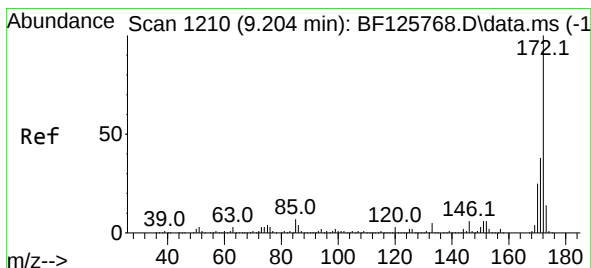
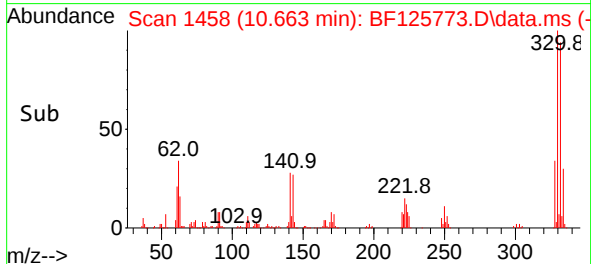
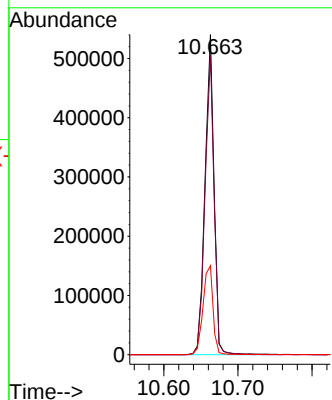
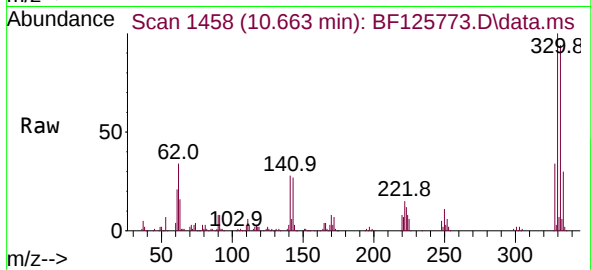




#42
2,4,6-Tribromophenol
Concen: 79.904 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

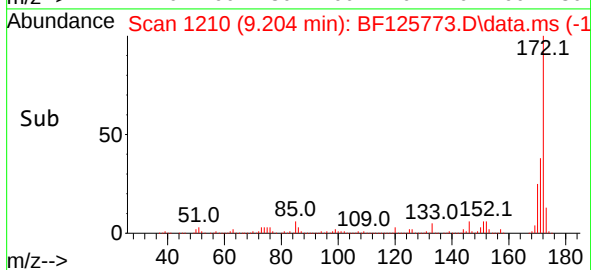
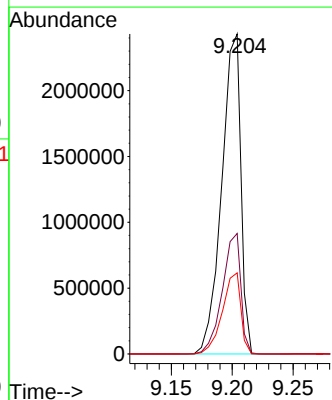
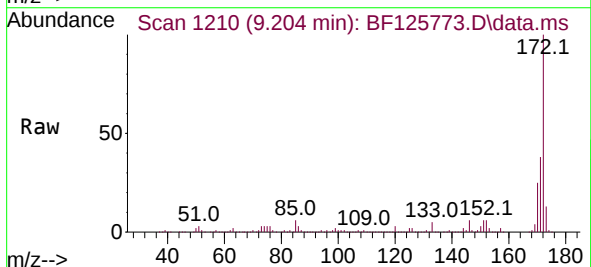
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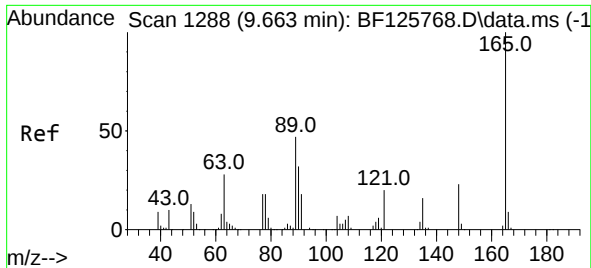
Tgt Ion:330 Resp: 459014
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 78.936 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion:172 Resp: 2662769
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 25.4 18.8 28.2

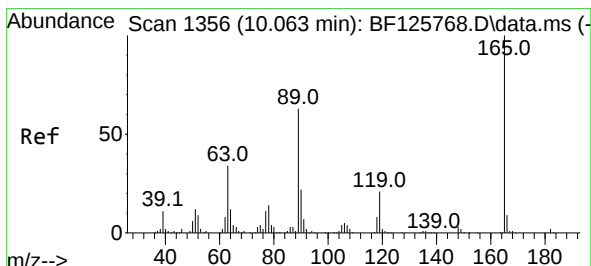
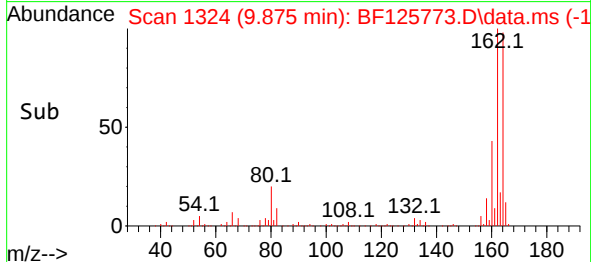
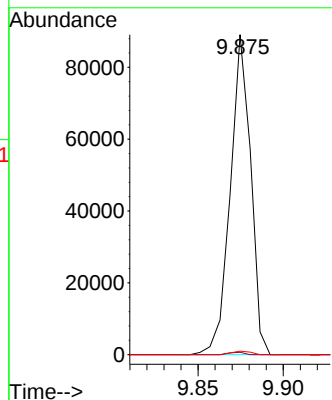
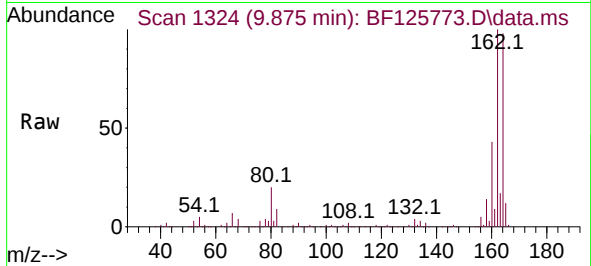




#51
2,6-Dinitrotoluene
Concen: 9.553 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

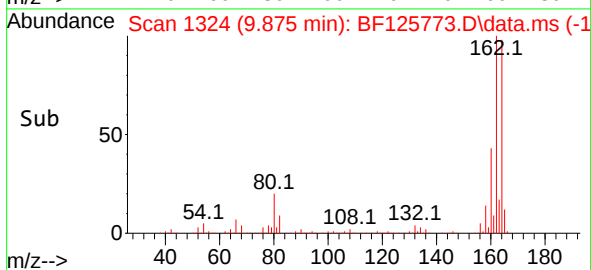
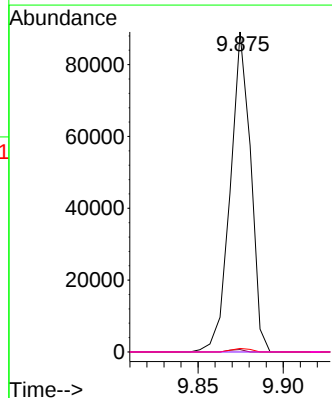
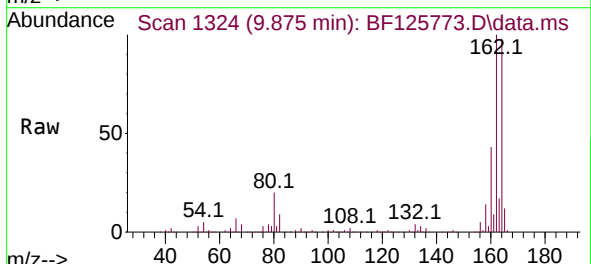
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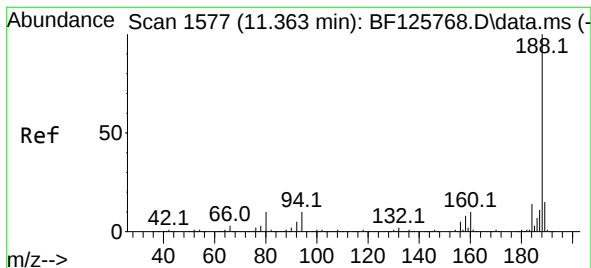
Tgt Ion:165 Resp: 73962
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.556 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion:165 Resp: 73962
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

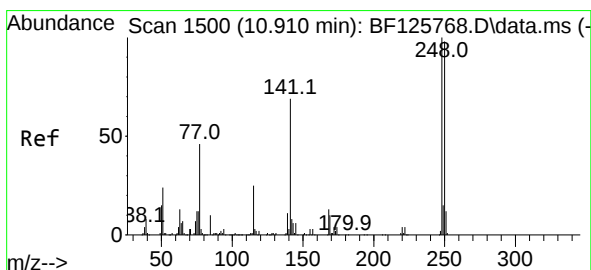
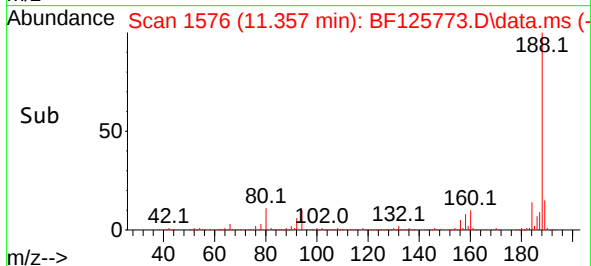
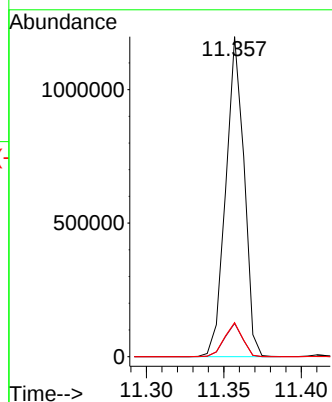
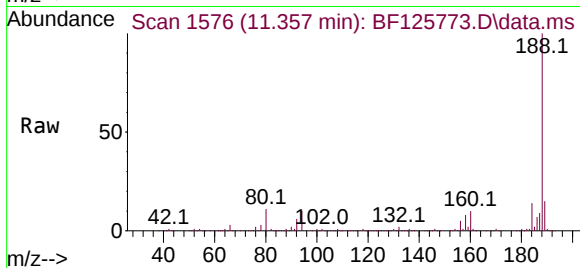




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

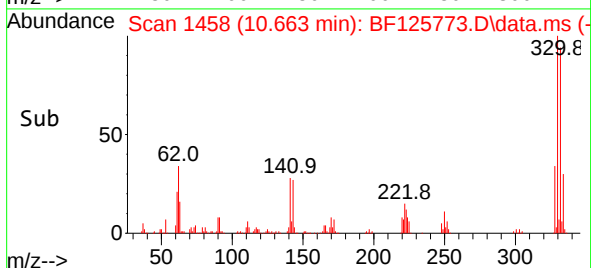
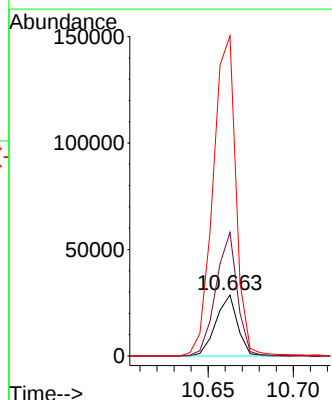
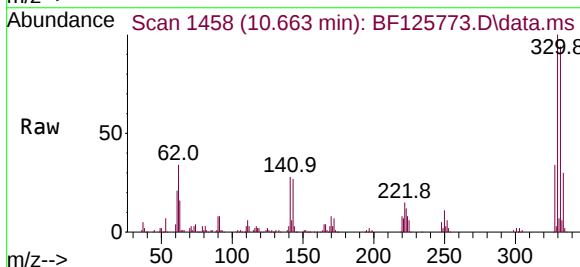
Instrument :
BNA_F
ClientSampleId :
PB139661BL

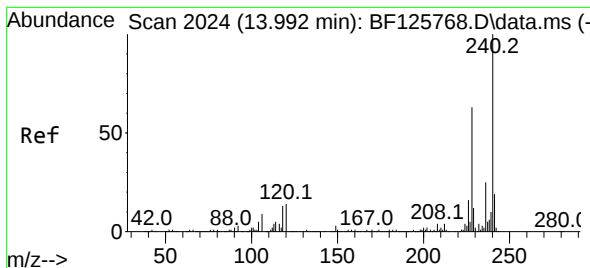
Tgt Ion:188 Resp: 983421
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.321 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion:248 Resp: 25279
Ion Ratio Lower Upper
248 100
250 202.7 74.2 111.4#
141 524.8 60.4 90.6#

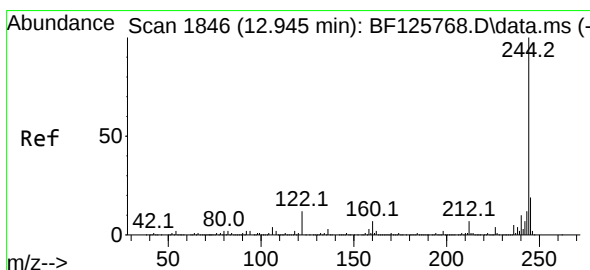
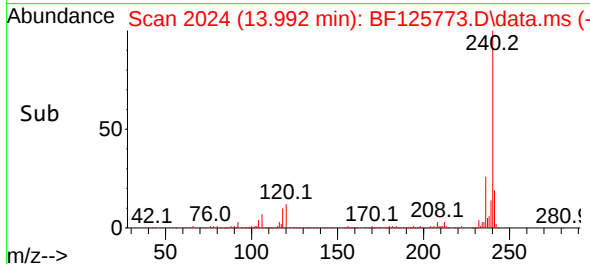
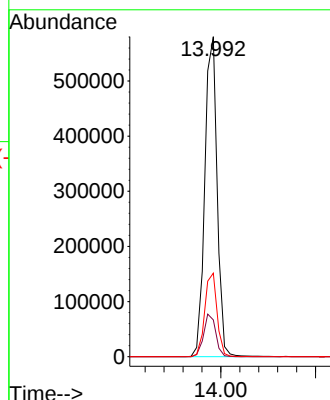
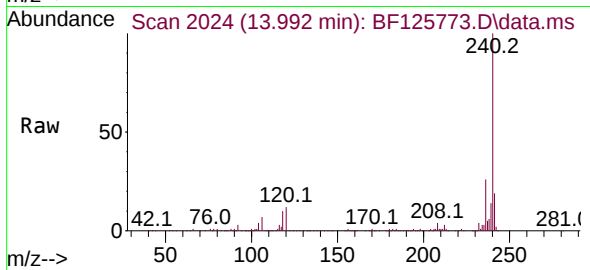




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

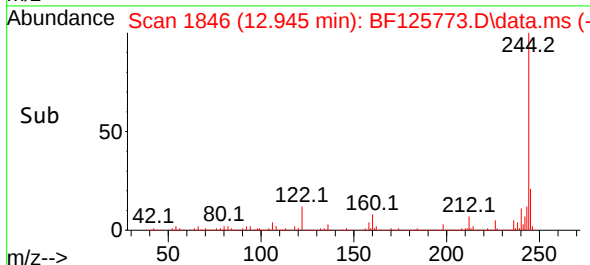
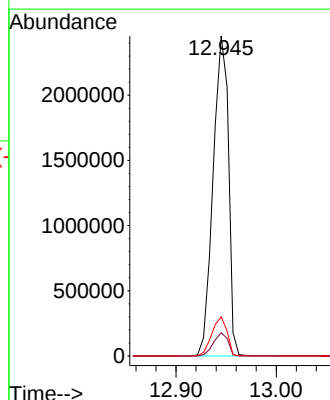
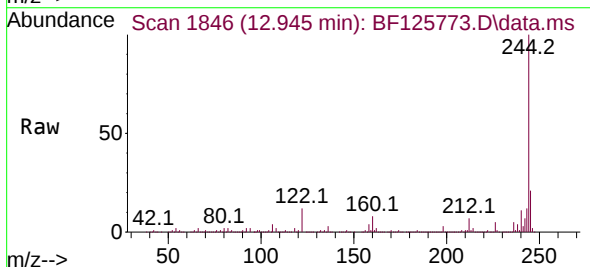
Instrument :
BNA_F
ClientSampleId :
PB139661BL

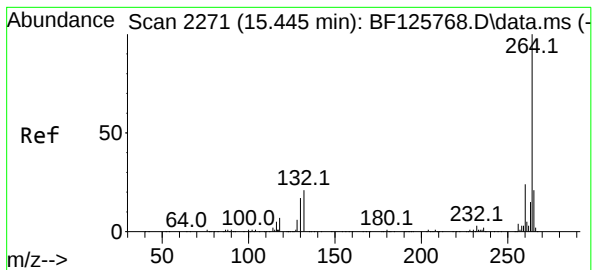
Tgt Ion:240 Resp: 526215
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 75.727 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125773.D
Acq: 7 Oct 2021 17:25

Tgt Ion:244 Resp: 2616030
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125773.D
 Acq: 7 Oct 2021 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB139661BL

Tgt Ion:264 Resp: 412875
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.9 17.2 25.8

