

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125781.D
 Acq On : 8 Oct 2021 14:20
 Operator : JU/CG
 Sample : M4112-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-CURB

Quant Time: Oct 08 15:49:08 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)

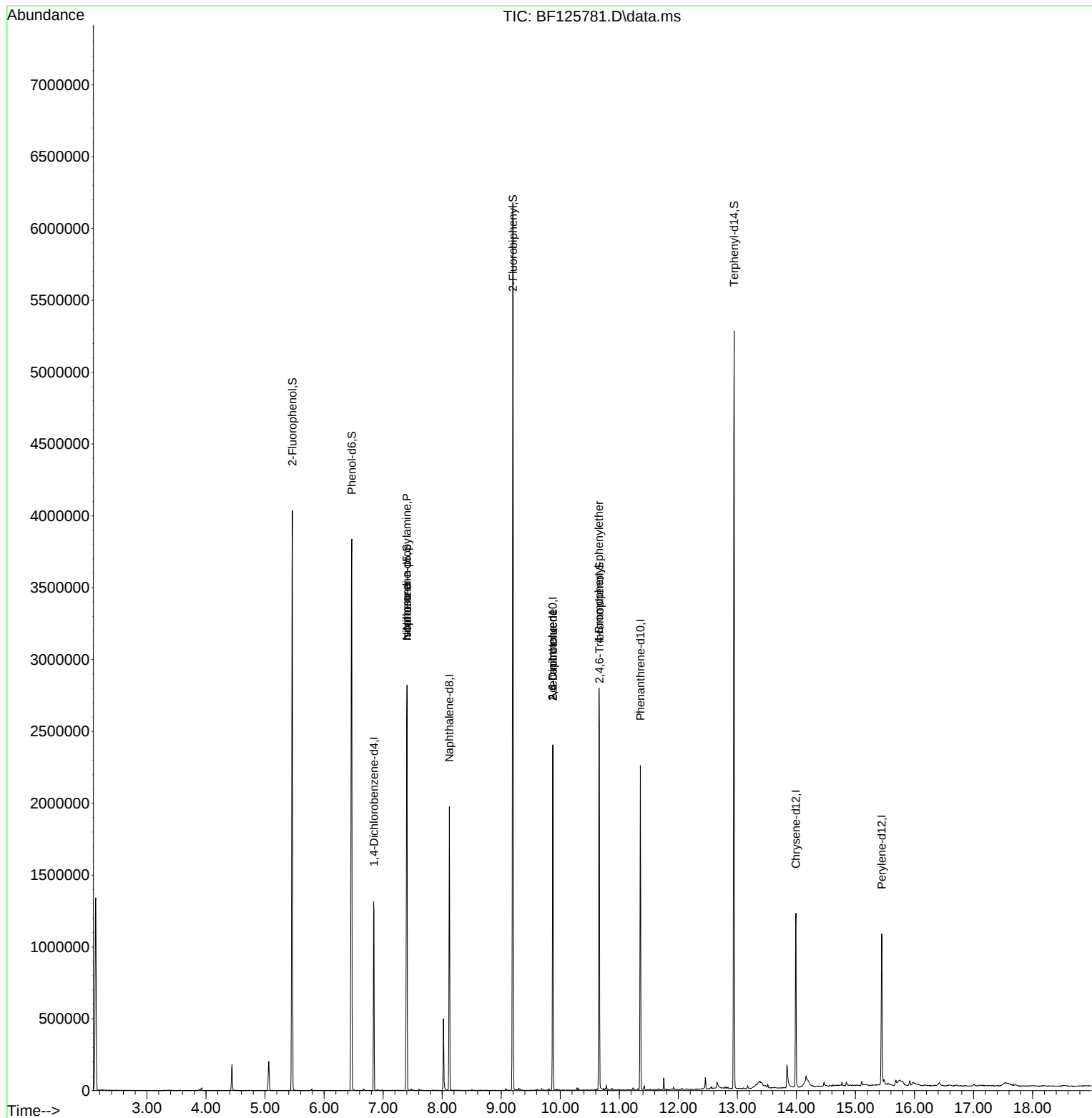
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	203720	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	837495	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	445620	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	755519	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	416496	20.000	ng	0.00
86) Perylene-d12	15.445	264	441741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1281223	102.741	ng	0.00
7) Phenol-d6	6.469	99	1618733	100.833	ng	0.00
23) Nitrobenzene-d5	7.404	82	995050	73.854	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	369360	83.952	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1966421	76.113	ng	0.00
79) Terphenyl-d14	12.945	244	1867279	68.292	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	125585	14.819	ng	# 51
25) Isophorone	7.404	82	994572	41.667	ng	# 59
51) 2,6-Dinitrotoluene	9.874	165	55516	9.363	ng	# 27
57) 2,4-Dinitrotoluene	9.874	165	55516	7.405	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	20659	2.469	ng	# 1

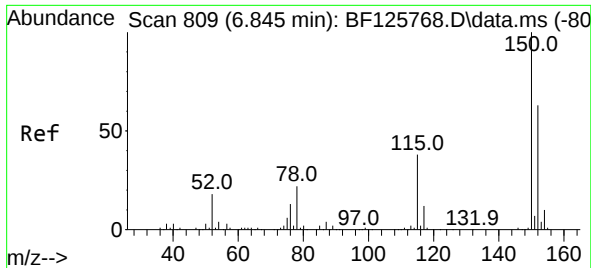
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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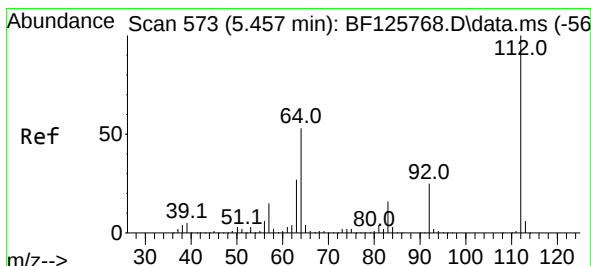
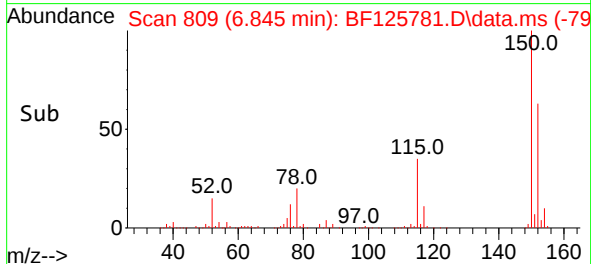
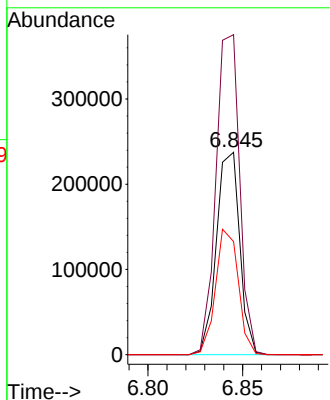
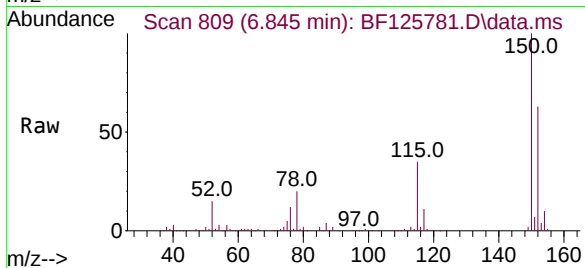




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

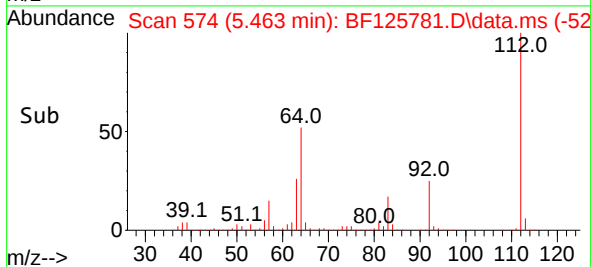
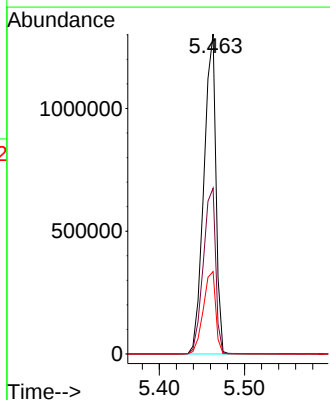
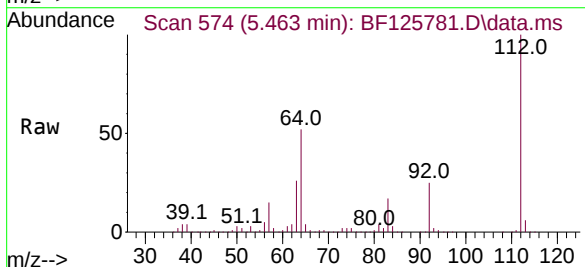
Instrument :
BNA_F
ClientSampleId :
1-CURB

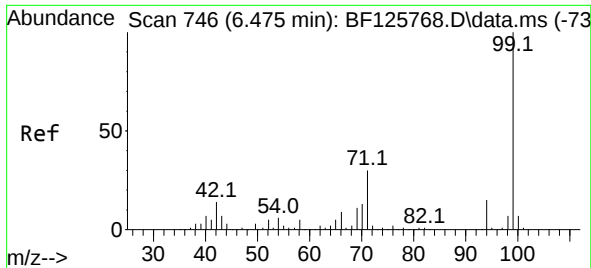
Tgt Ion:152 Resp: 203720
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 55.9 47.1 70.7



#5
2-Fluorophenol
Concen: 102.741 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion:112 Resp: 1281223
Ion Ratio Lower Upper
112 100
64 51.8 44.2 66.2
63 25.8 26.2 39.2#

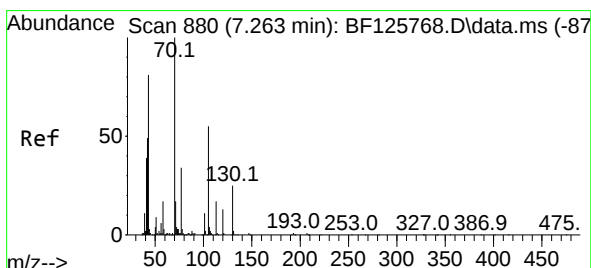
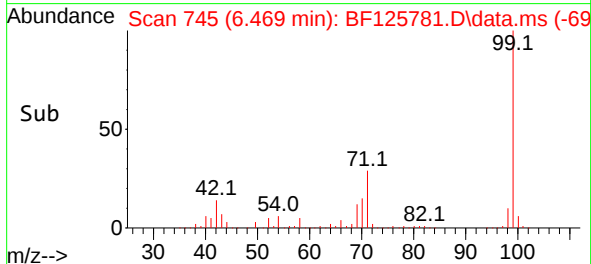
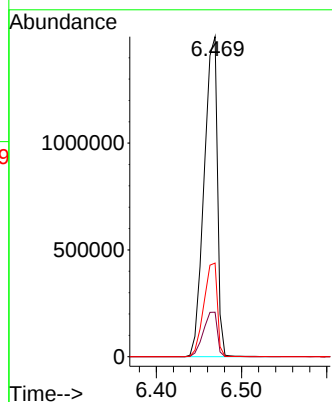
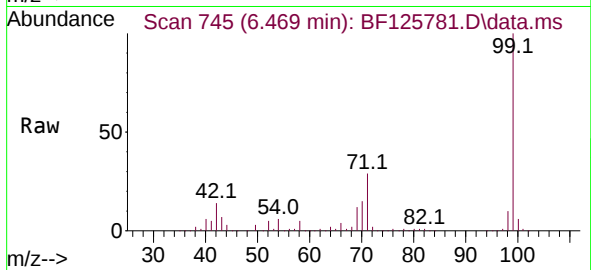




#7
Phenol-d6
Concen: 100.833 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

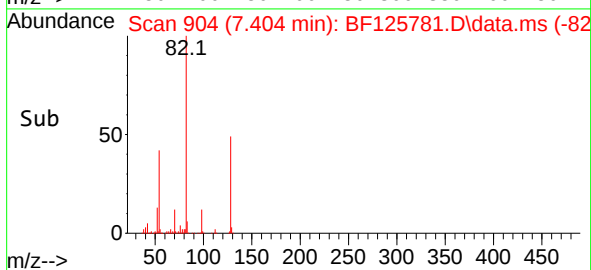
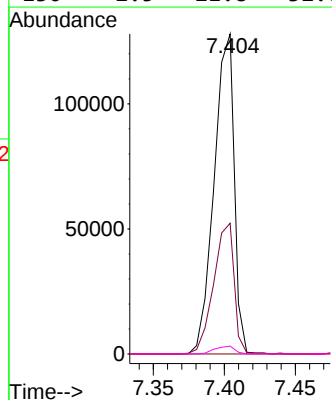
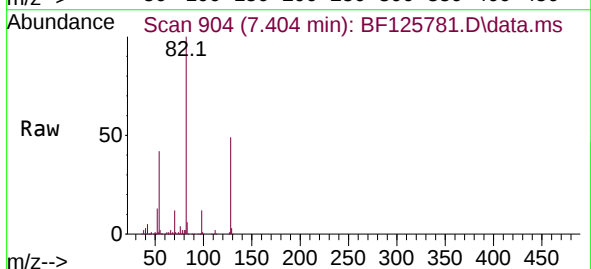
Instrument :
BNA_F
ClientSampleId :
1-CURB

Tgt Ion: 99 Resp: 1618733
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.819 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion: 70 Resp: 125585
Ion Ratio Lower Upper
70 100
42 40.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#

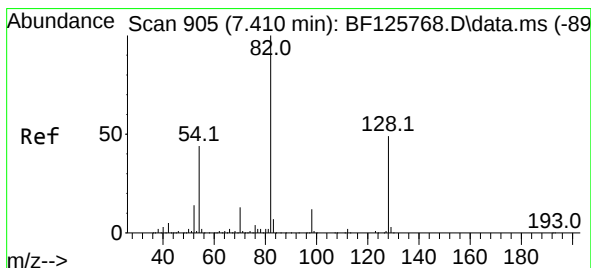
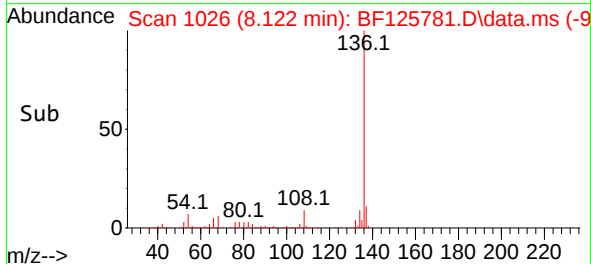
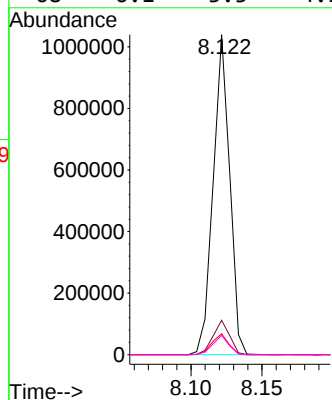
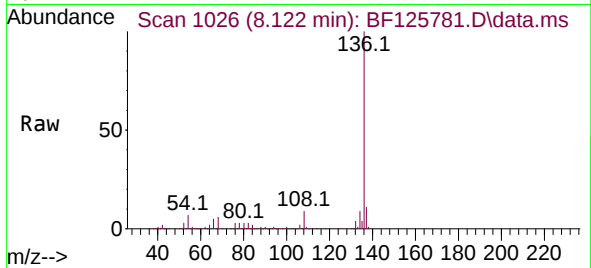




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

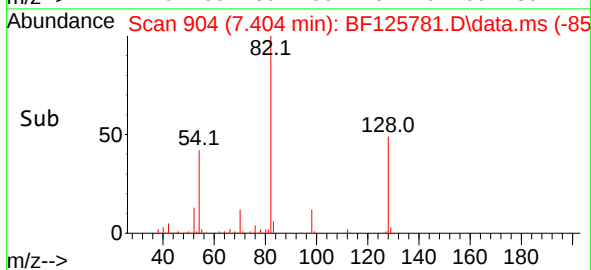
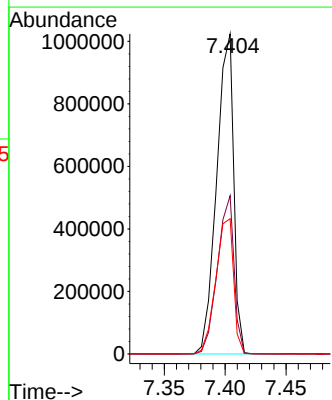
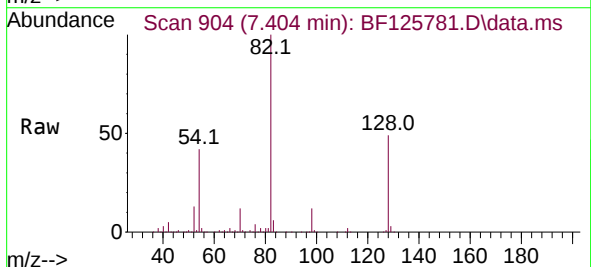
Instrument :
BNA_F
ClientSampleId :
1-CURB

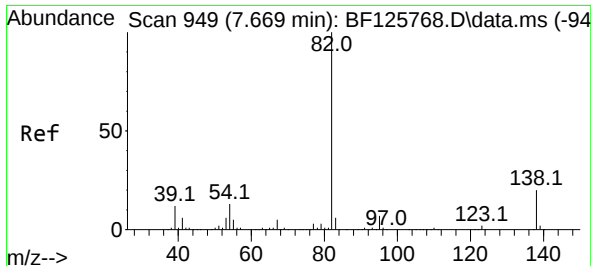
Tgt Ion:136 Resp: 837495
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.5 6.4 9.6
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 73.854 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion: 82 Resp: 995050
Ion Ratio Lower Upper
82 100
128 49.5 40.6 60.8
54 42.3 49.6 74.4#

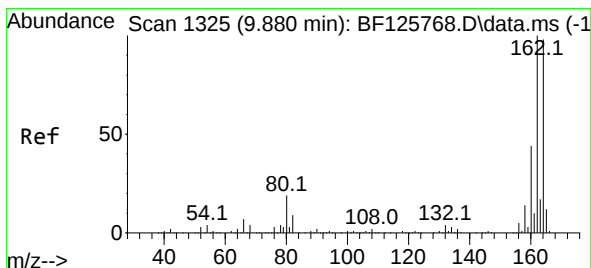
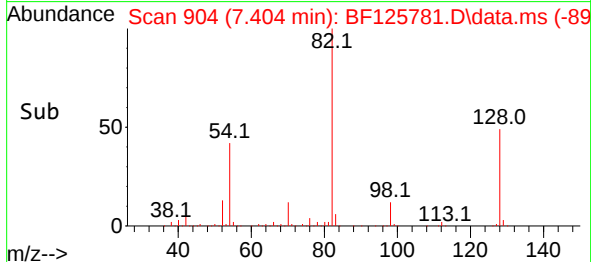
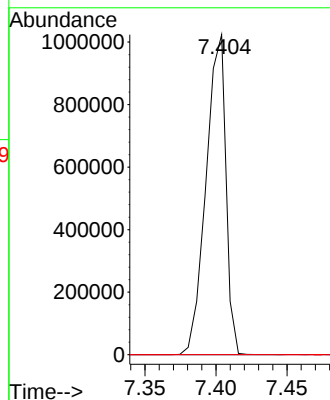
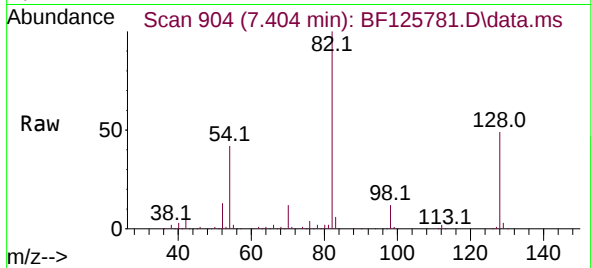




#25
Isophorone
Concen: 41.667 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

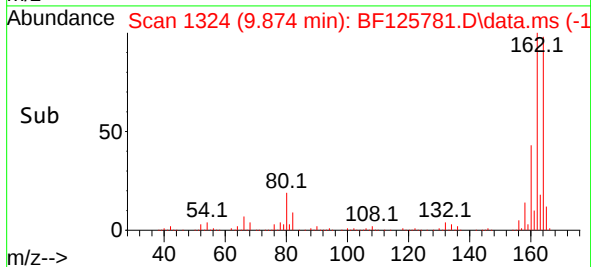
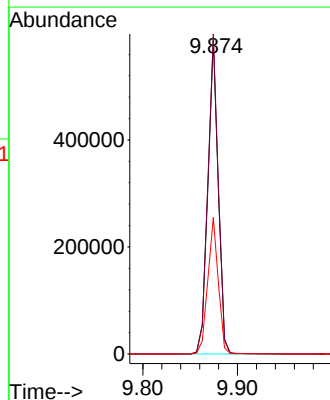
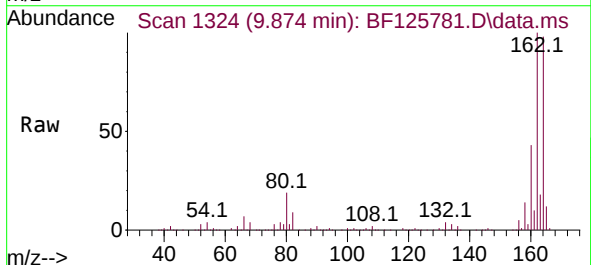
Instrument :
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ClientSampleId :
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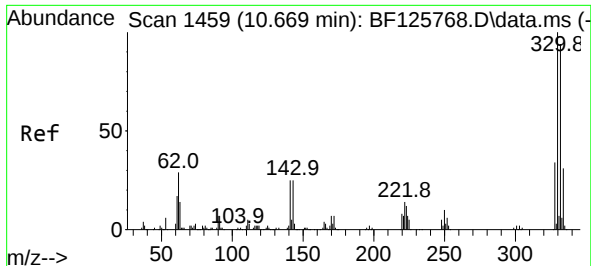
Tgt Ion: 82 Resp: 994572
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion:164 Resp: 445620
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 43.3 38.0 57.0

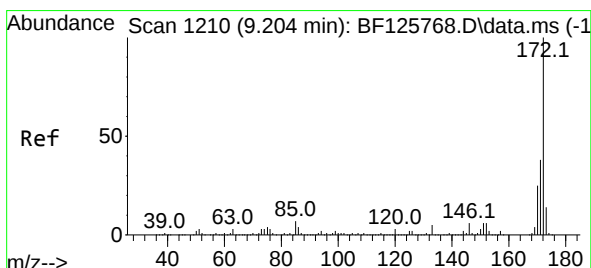
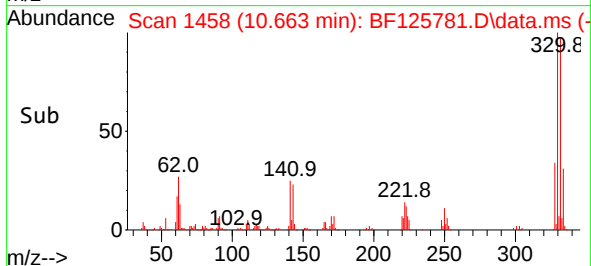
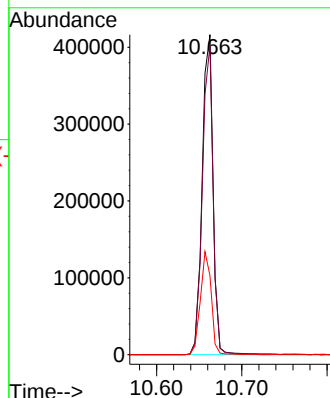
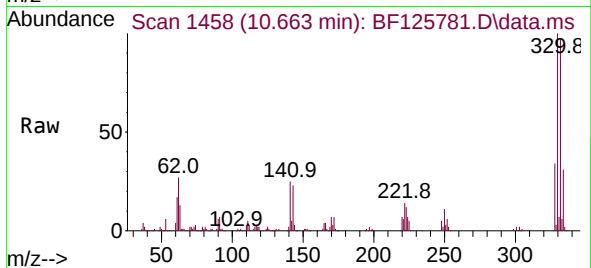




#42
2,4,6-Tribromophenol
Concen: 83.952 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

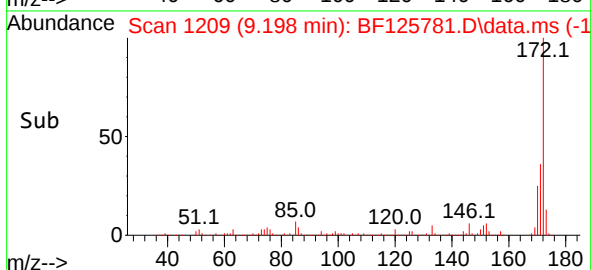
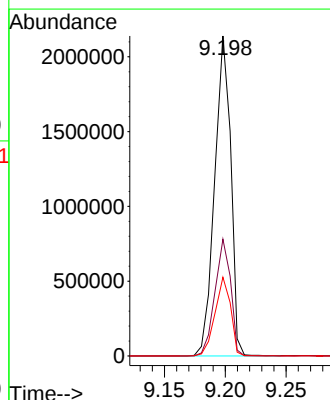
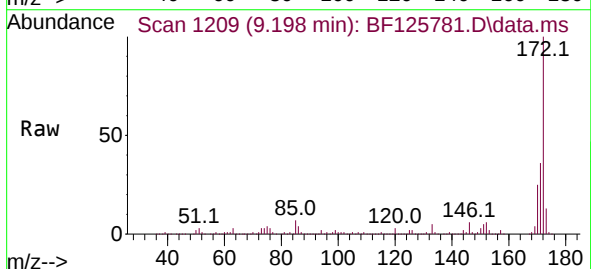
Instrument :
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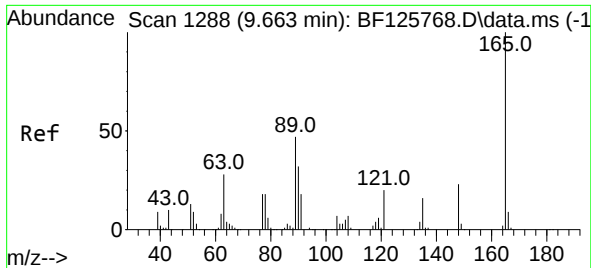
Tgt Ion:330 Resp: 369360
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 76.113 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion:172 Resp: 1966421
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 24.6 18.8 28.2

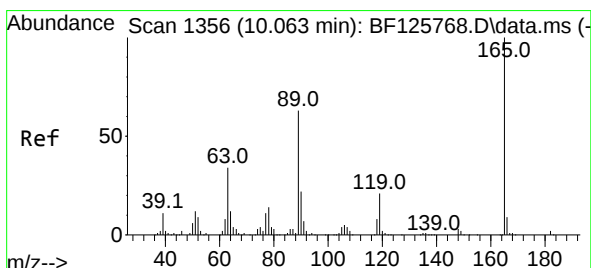
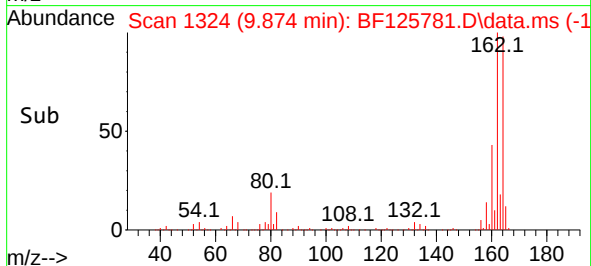
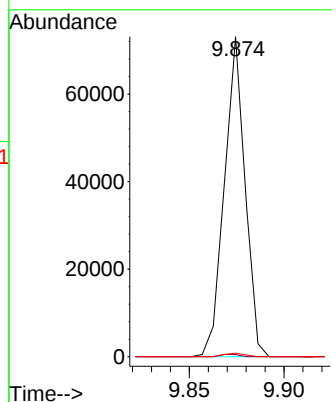
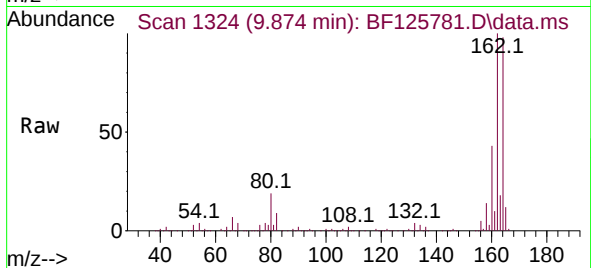




#51
2,6-Dinitrotoluene
Concen: 9.363 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

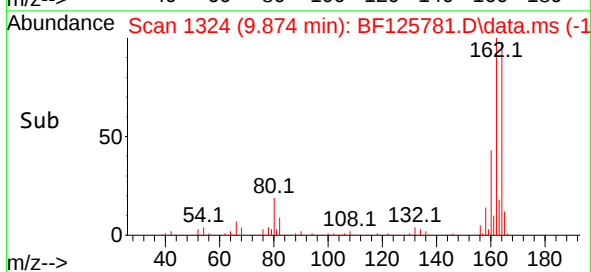
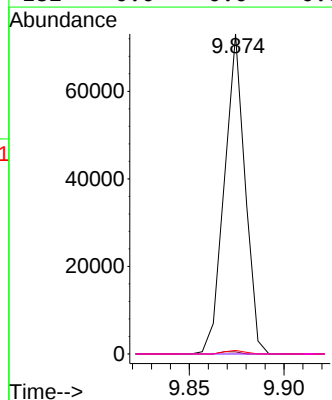
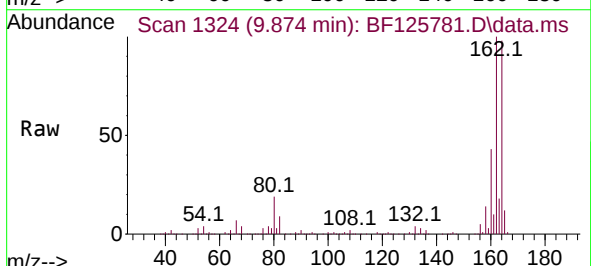
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BNA_F
ClientSampleId :
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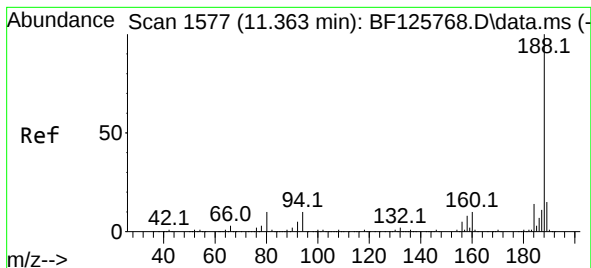
Tgt Ion:165 Resp: 55516
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.405 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion:165 Resp: 55516
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

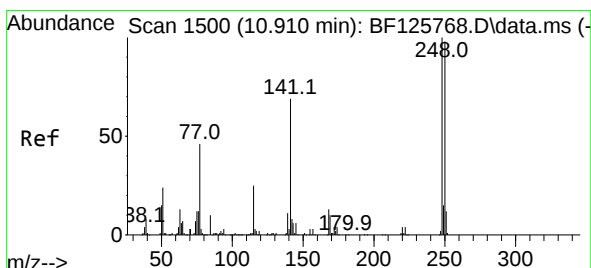
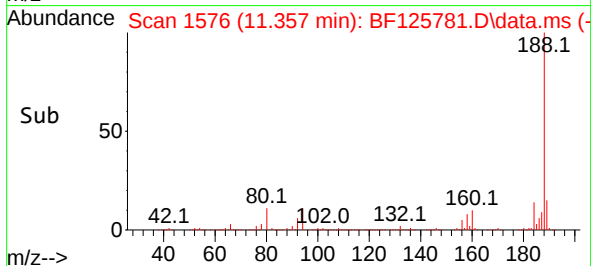
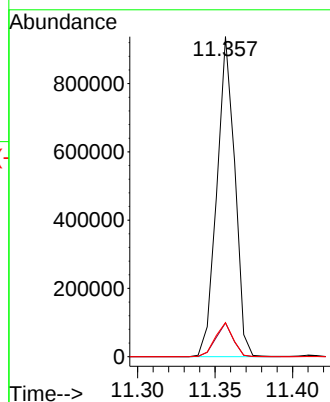
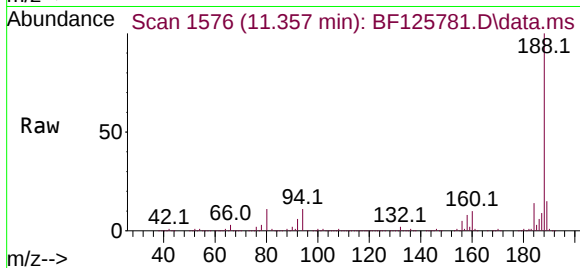




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

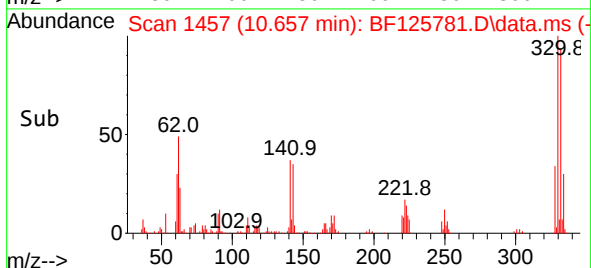
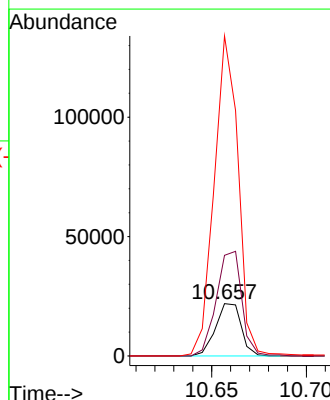
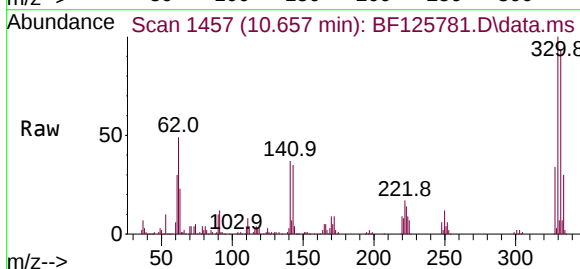
Instrument :
BNA_F
ClientSampleId :
1-CURB

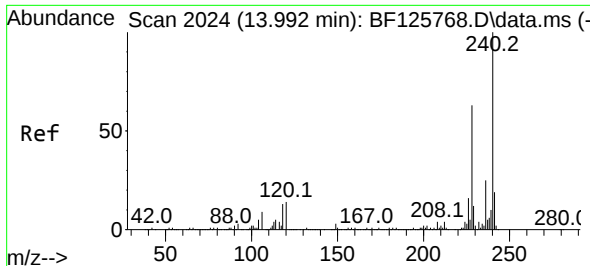
Tgt Ion:188 Resp: 755519
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.469 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion:248 Resp: 20659
Ion Ratio Lower Upper
248 100
250 192.2 74.2 111.4#
141 611.2 60.4 90.6#

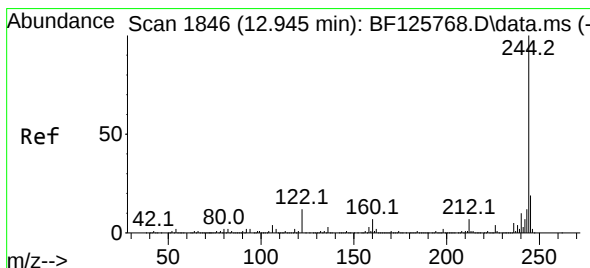
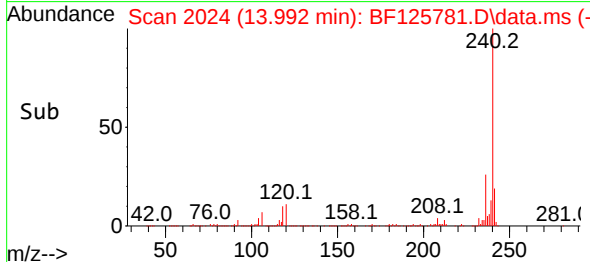
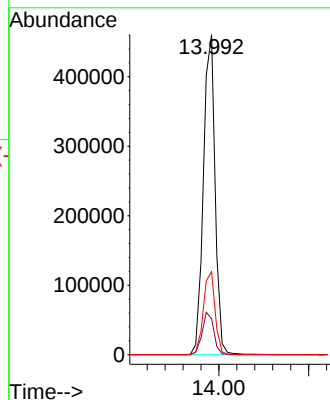
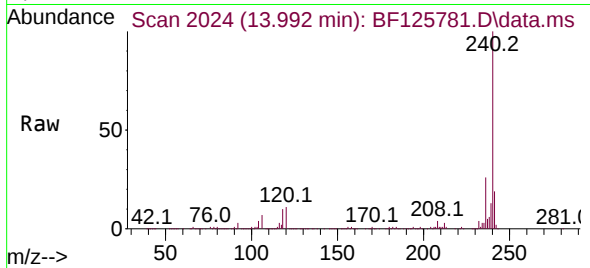




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

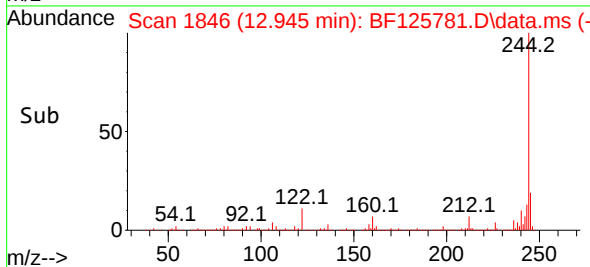
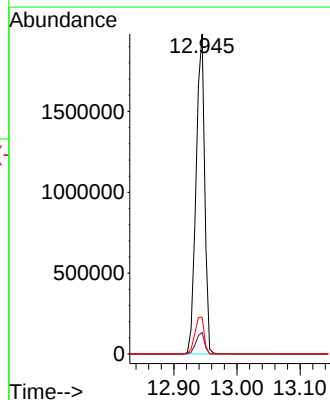
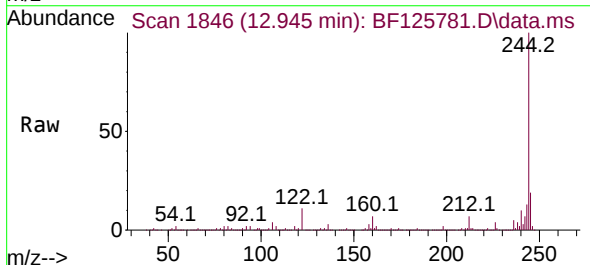
Instrument :
BNA_F
ClientSampleId :
1-CURB

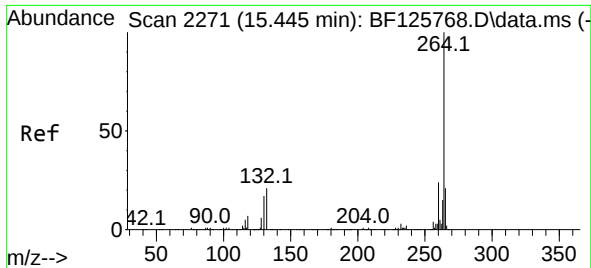
Tgt Ion:240 Resp: 416496
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 68.292 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125781.D
Acq: 8 Oct 2021 14:20

Tgt Ion:244 Resp: 1867279
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.5 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: BF125781.D
 Acq: 8 Oct 2021 14:20

Instrument :
 BNA_F
 ClientSampleId :
 1-CURB

Tgt Ion:264 Resp: 441741
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.8 17.2 25.8

