

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126968.D
 Acq On : 21 Feb 2022 12:22
 Operator : CG\JU
 Sample : PB142473BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142473BL

Quant Time: Feb 21 13:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

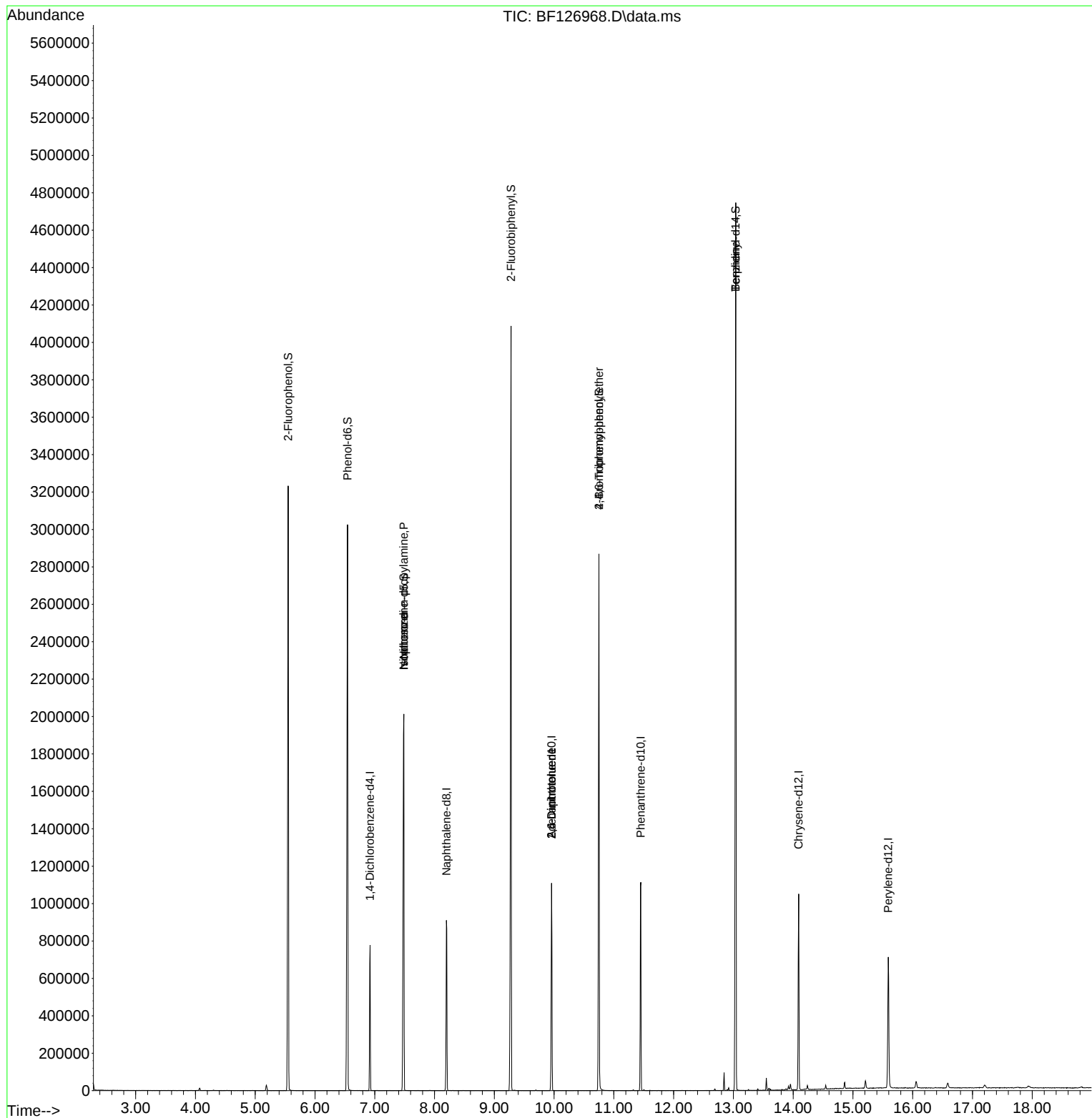
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	103390	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	422759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	214544	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	396127	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	317773	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	299003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	827568	123.713	ng	0.01
7) Phenol-d6	6.545	99	1073009	118.874	ng	0.00
23) Nitrobenzene-d5	7.487	82	774353	82.676	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	320595	129.786	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1235871	84.803	ng	0.00
79) Terphenyl-d14	13.039	244	1524512	70.525	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	107161	18.424	ng	# 77
25) Isophorone	7.487	82	773411	49.903	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	27165	8.707	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	27165	6.439	ng	# 15
67) 4-Bromophenyl-phenylether	10.751	248	19614	4.432	ng	# 1
77) Benzidine	13.039	184	22535	2.610	ng	95

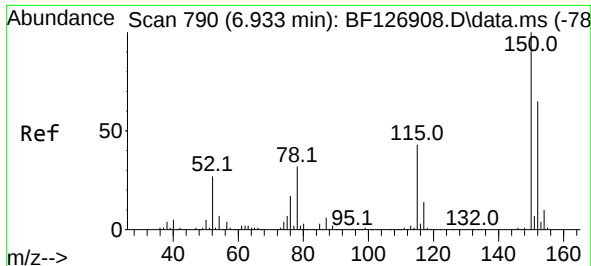
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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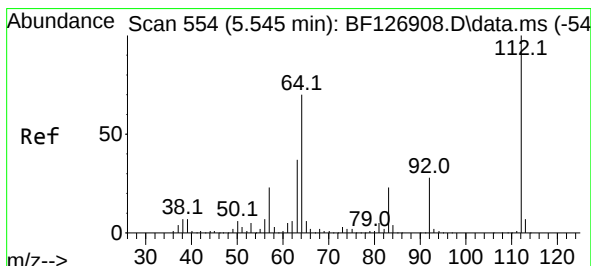
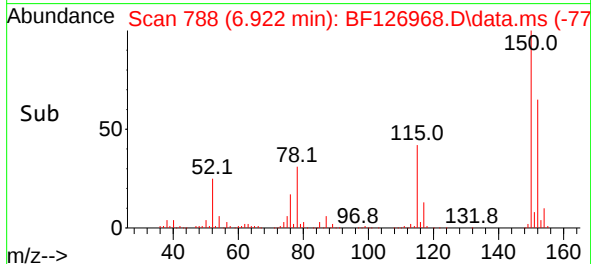
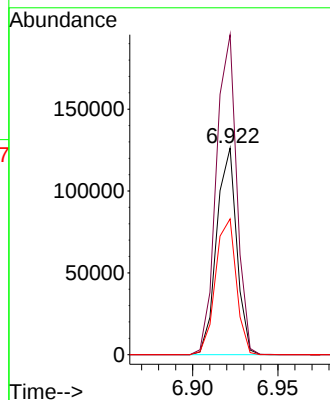
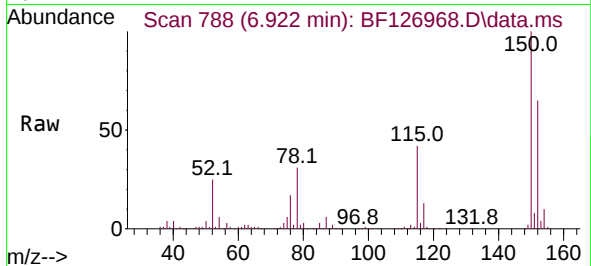




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

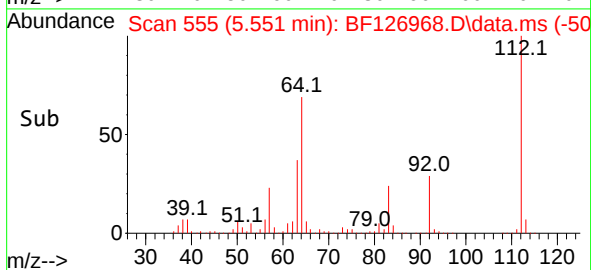
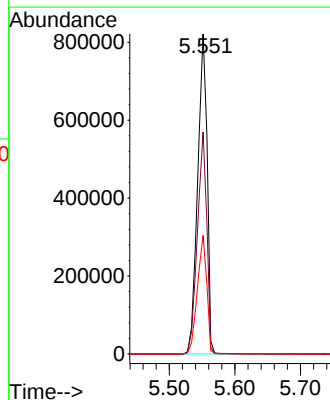
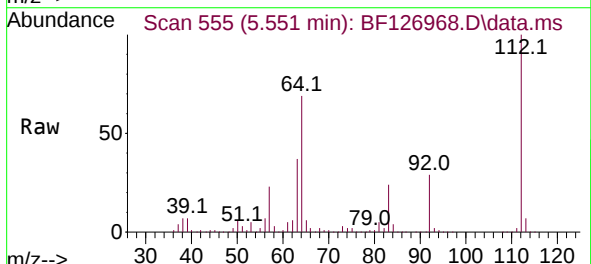
Instrument :
BNA_F
ClientSampleId :
PB142473BL

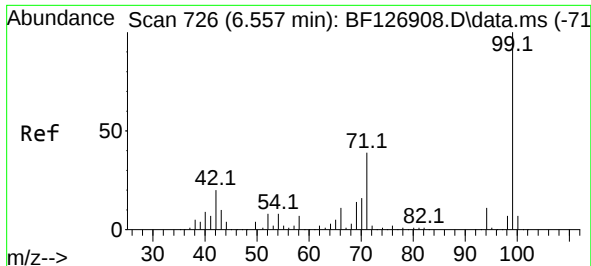
Tgt Ion:152 Resp: 103390
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 65.7 56.7 85.1



#5
2-Fluorophenol
Concen: 123.713 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion:112 Resp: 827568
Ion Ratio Lower Upper
112 100
64 69.4 49.5 74.3
63 37.1 23.9 35.9#

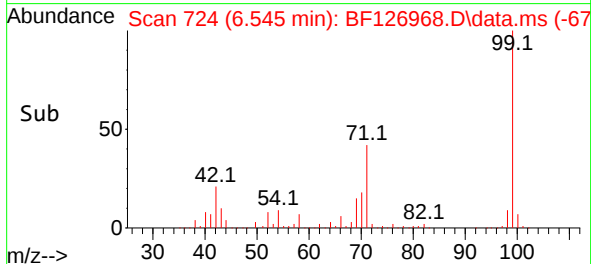
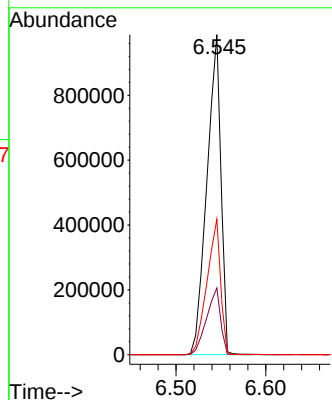
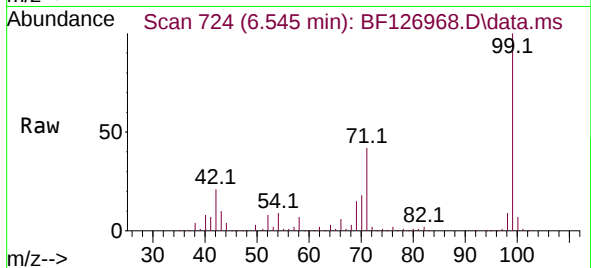




#7
Phenol-d6
Concen: 118.874 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

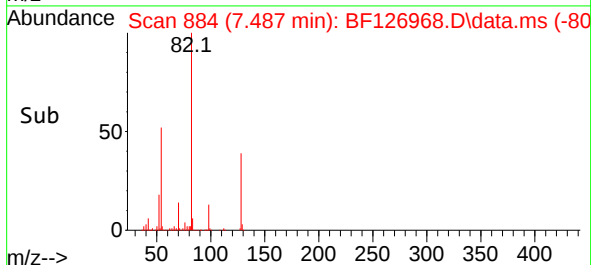
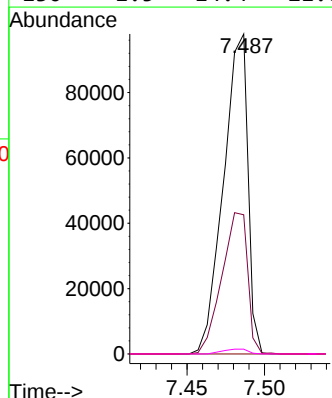
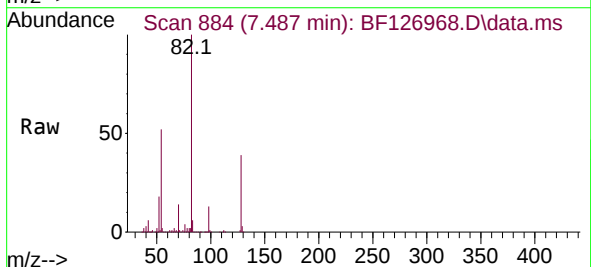
Instrument :
BNA_F
ClientSampleId :
PB142473BL

Tgt Ion: 99 Resp: 1073009
Ion Ratio Lower Upper
99 100
42 20.8 14.2 21.4
71 42.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.424 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.153 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

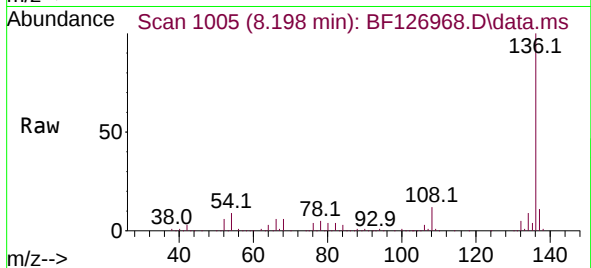
Tgt Ion: 70 Resp: 107161
Ion Ratio Lower Upper
70 100
42 43.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



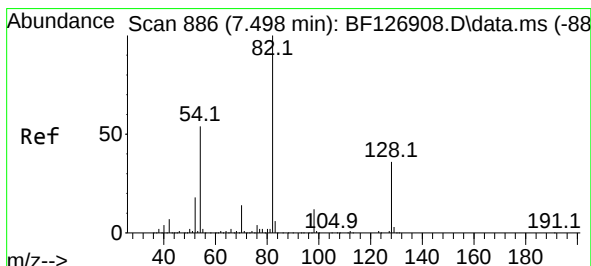
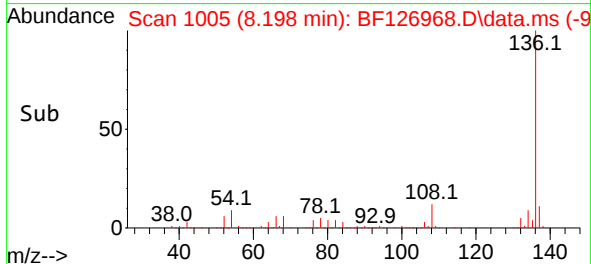
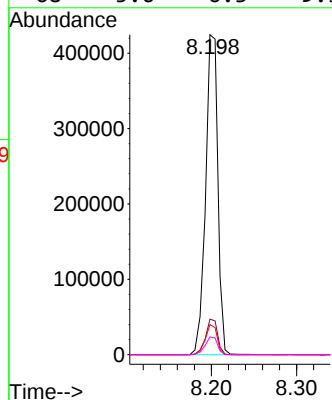


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Instrument :
BNA_F
ClientSampleId :
PB142473BL

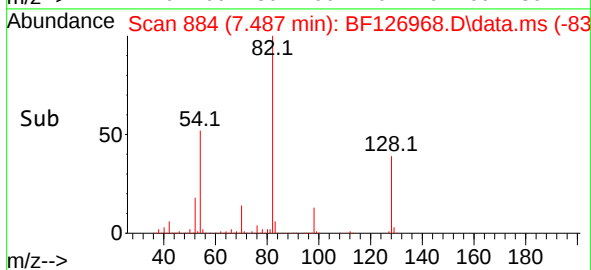
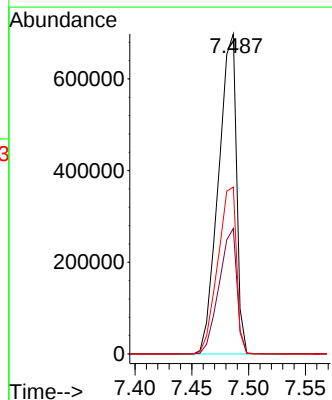
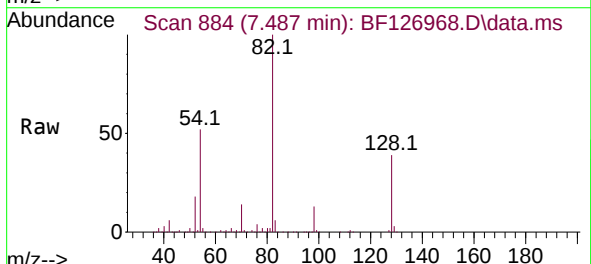


Tgt Ion:136 Resp: 422759
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.676 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion: 82 Resp: 774353
Ion Ratio Lower Upper
82 100
128 39.2 32.7 49.1
54 52.1 41.7 62.5

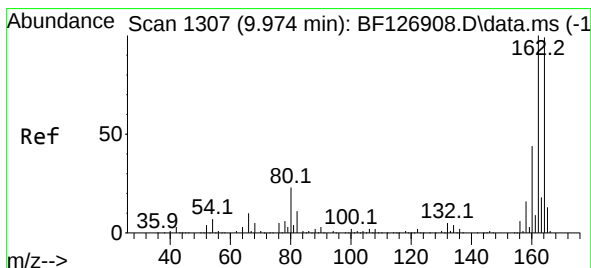
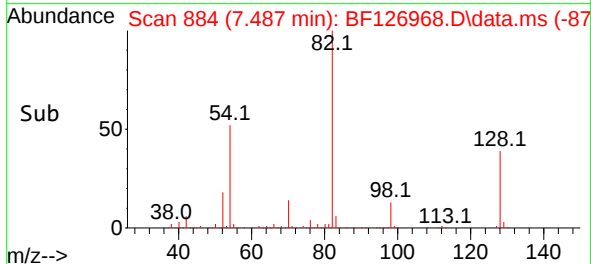
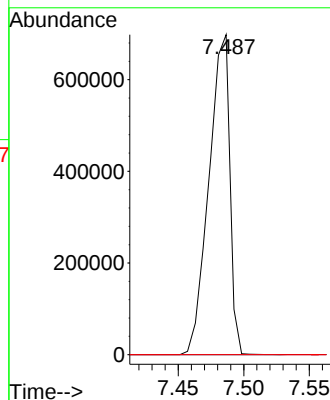
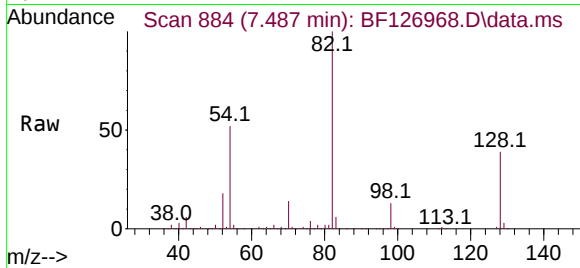




#25
Isophorone
Concen: 49.903 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

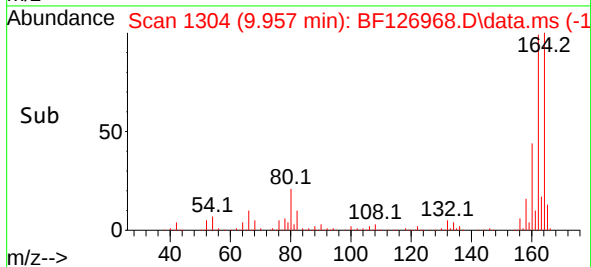
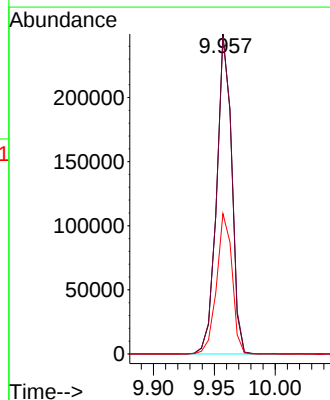
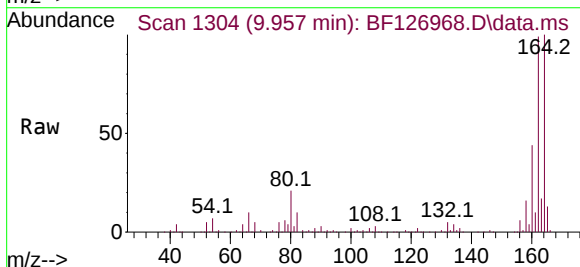
Instrument :
BNA_F
ClientSampleId :
PB142473BL

Tgt Ion: 82 Resp: 773411
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

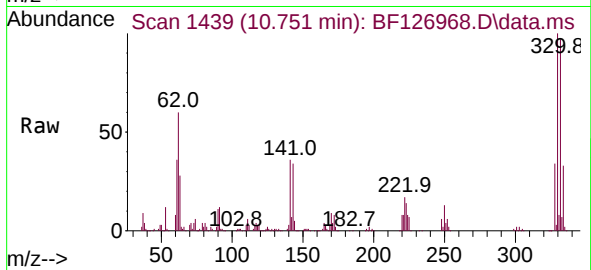
Tgt Ion: 164 Resp: 214544
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.8 36.6 54.8



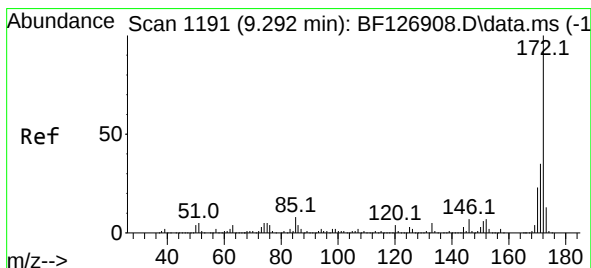
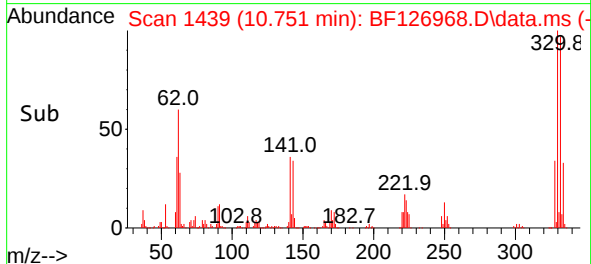
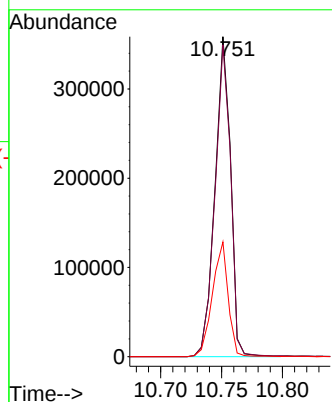


#42
2,4,6-Tribromophenol
Concen: 129.786 ng
RT: 10.751 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Instrument :
BNA_F
ClientSampleId :
PB142473BL

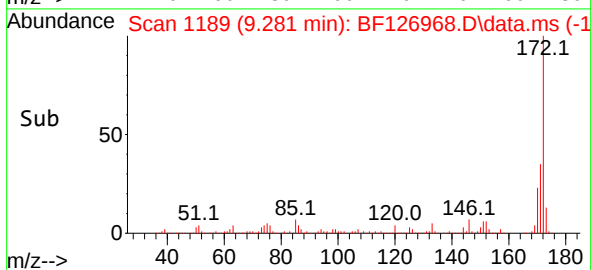
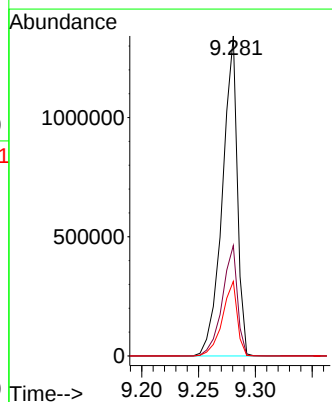
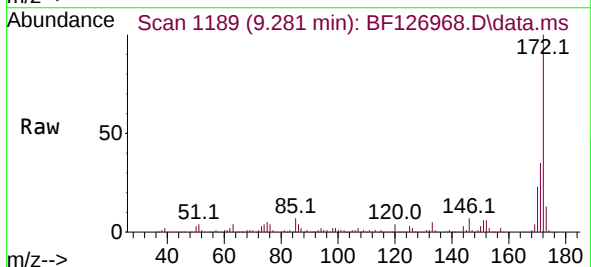


Tgt Ion: 330 Resp: 320595
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 36.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 84.803 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion: 172 Resp: 1235871
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 19.0 28.6

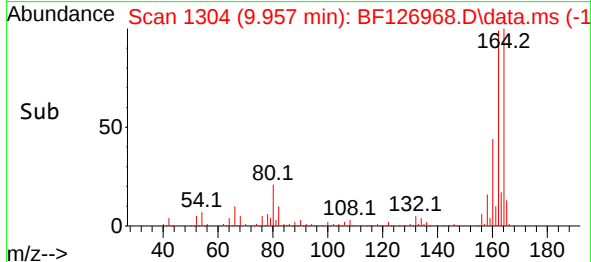
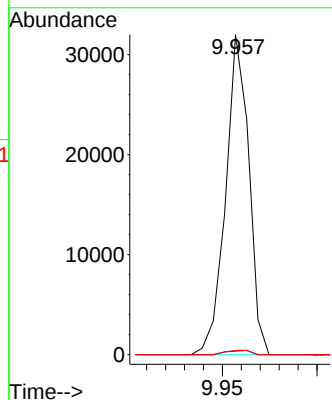
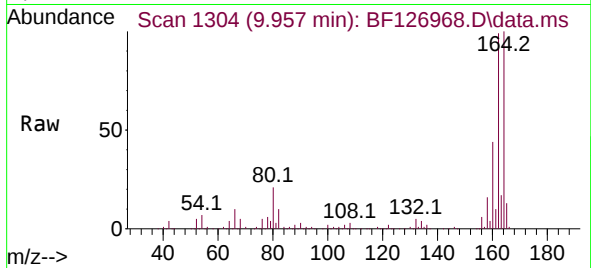




#51
2,6-Dinitrotoluene
Concen: 8.707 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

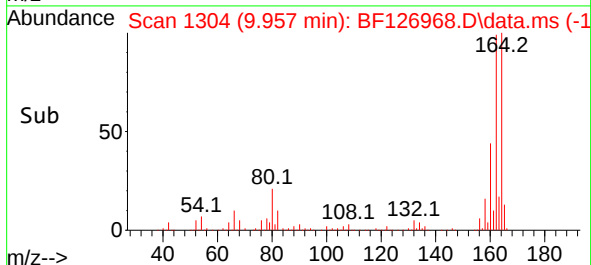
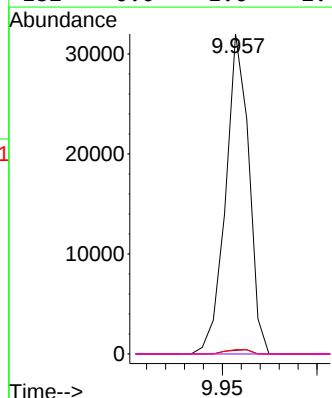
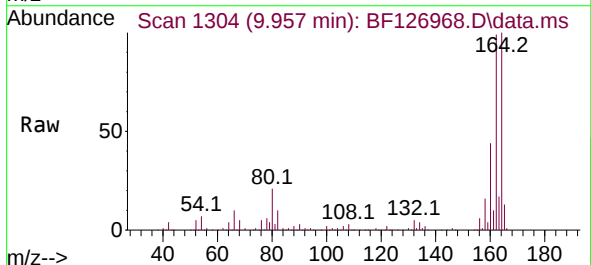
Instrument :
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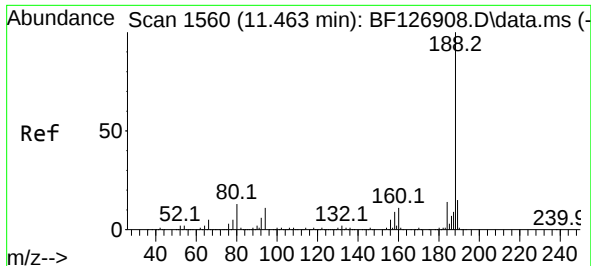
Tgt Ion:165 Resp: 27165
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion:165 Resp: 27165
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#

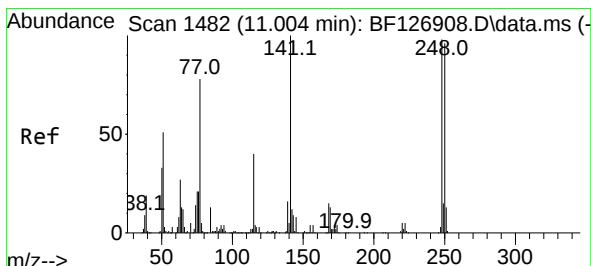
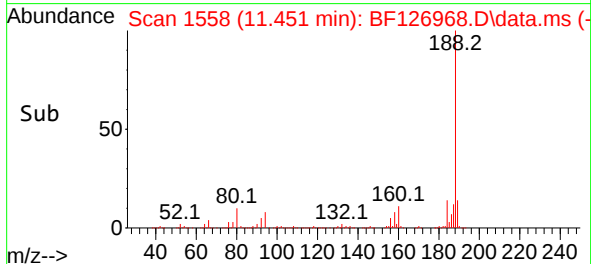
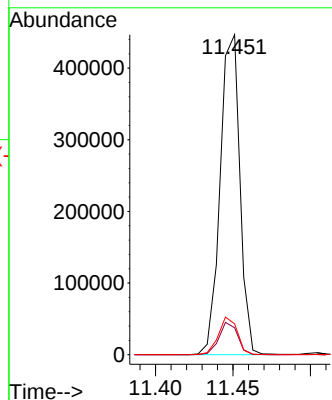
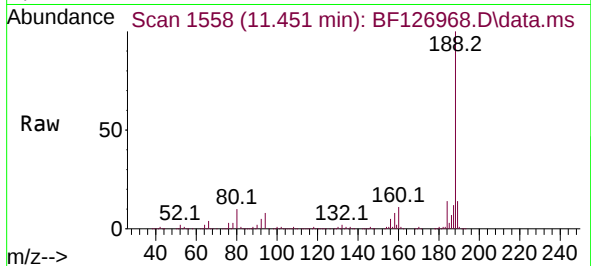




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

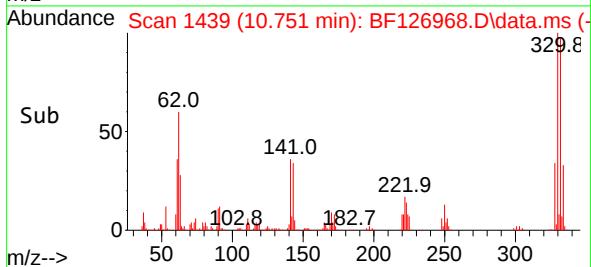
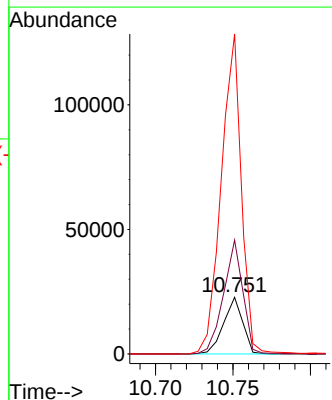
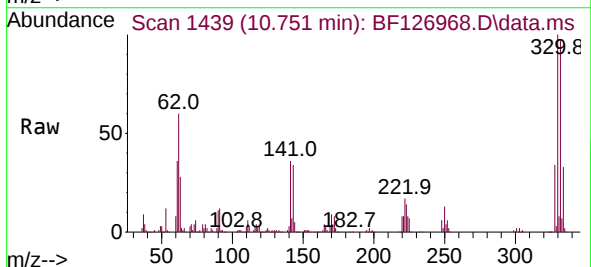
Instrument :
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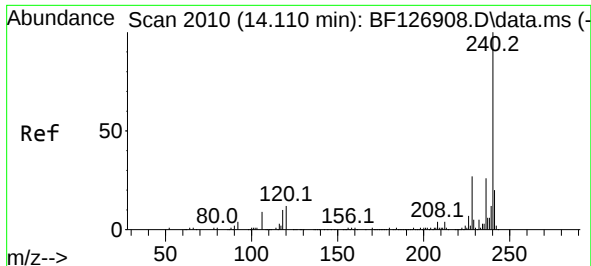
Tgt Ion:188 Resp: 396127
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.432 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion:248 Resp: 19614
Ion Ratio Lower Upper
248 100
250 200.9 76.2 114.4#
141 564.1 66.2 99.4#

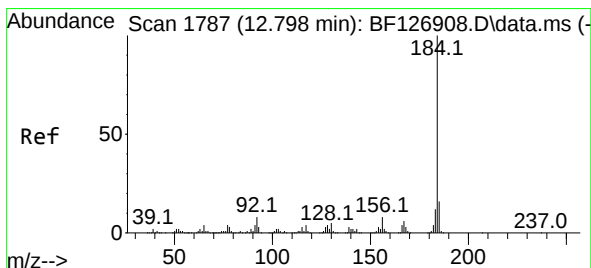
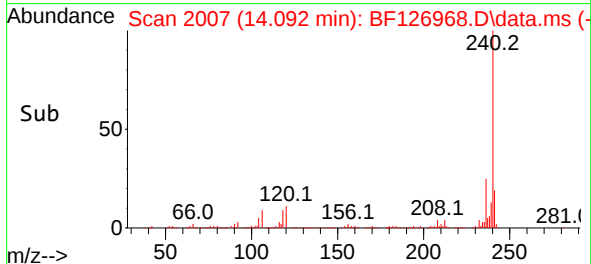
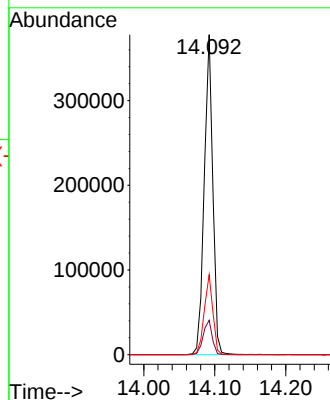
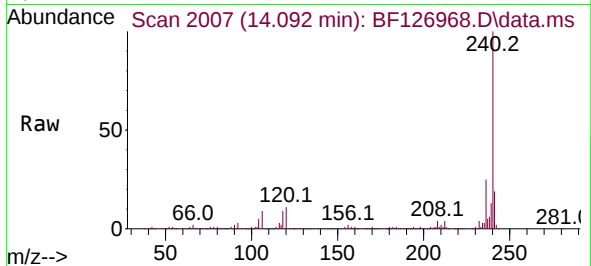




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

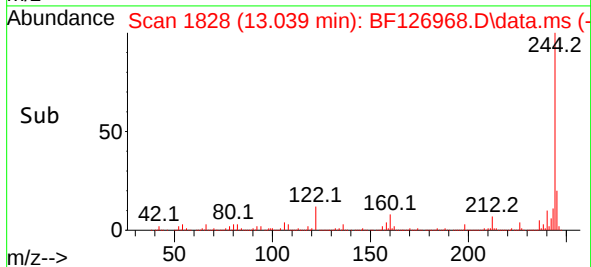
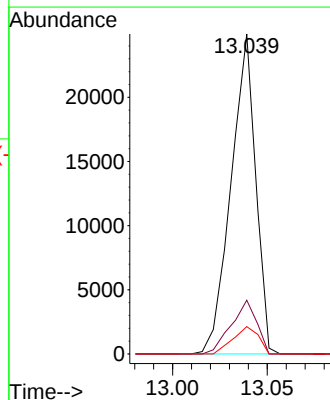
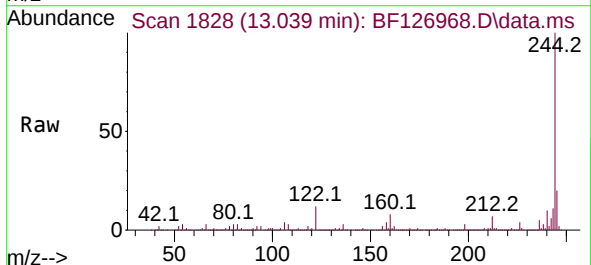
Instrument :
BNA_F
ClientSampleId :
PB142473BL

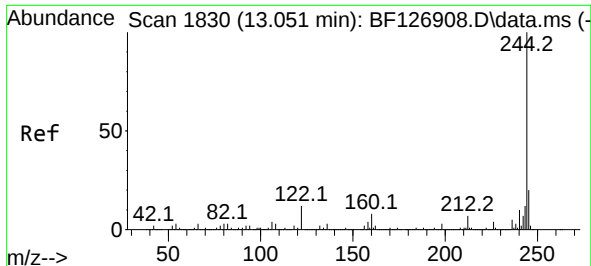
Tgt Ion:240 Resp: 317773
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.0 20.5 30.7



#77
Benzidine
Concen: 2.610 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

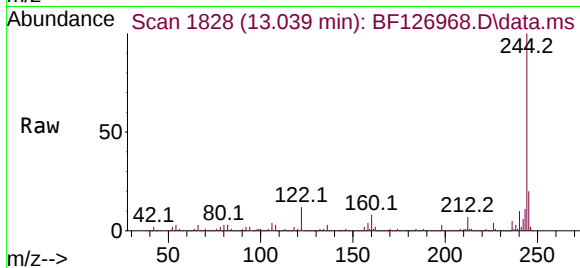
Tgt Ion:184 Resp: 22535
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.8
183 8.6 8.2 12.2



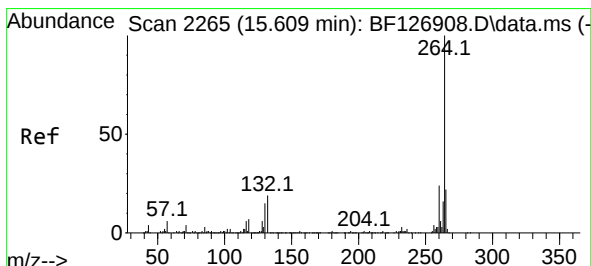
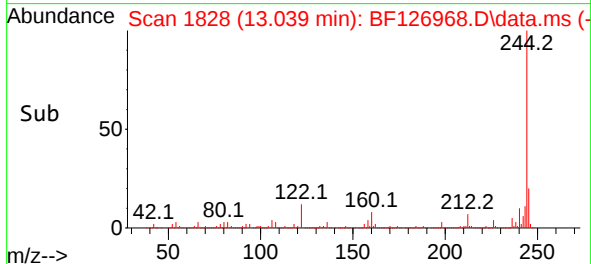
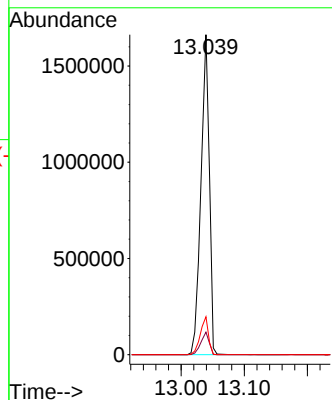


#79
 Terphenyl-d14
 Concen: 70.525 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF126968.D
 Acq: 21 Feb 2022 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB142473BL



Tgt Ion:244 Resp: 1524512
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BF126968.D
 Acq: 21 Feb 2022 12:22

Tgt Ion:264 Resp: 299003
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.4 26.2

