

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124502.D
 Acq On : 30 Jun 2021 20:31
 Operator : JU/CG
 Sample : M2894-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSCON-2

Quant Time: Jul 01 05:15:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

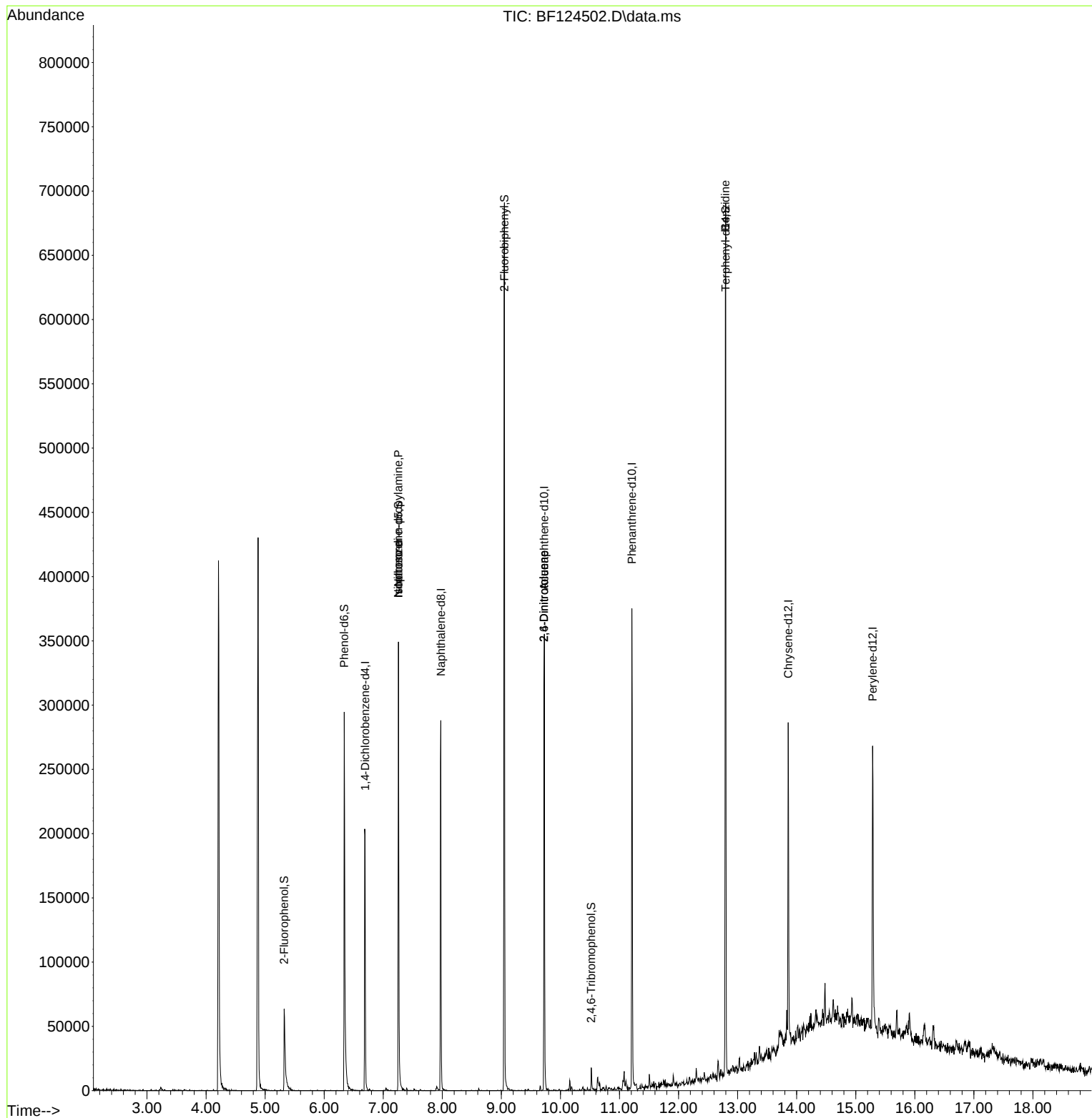
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	32157	20.00	ng	0.00
21) Naphthalene-d8	7.975	136	122807	20.00	ng	# 0.00
39) Acenaphthene-d10	9.728	164	72991	20.00	ng	0.00
64) Phenanthrene-d10	11.210	188	129178	20.00	ng	# 0.00
76) Chrysene-d12	13.857	240	78270	20.00	ng	0.00
86) Perylene-d12	15.286	264	80843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	27635	13.52	ng	0.01
7) Phenol-d6	6.340	99	96720	36.23	ng	-0.01
23) Nitrobenzene-d5	7.257	82	100669	33.99	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	2858	3.28	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	209561	35.17	ng	0.00
79) Terphenyl-d14	12.798	244	213442	40.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.257	70	13149	7.32	ng	# 57
25) Isophorone	7.257	82	100668	19.77	ng	# 69
51) 2,6-Dinitrotoluene	9.722	165	9033	6.80	ng	# 10
57) 2,4-Dinitrotoluene	9.722	165	9033	5.13	ng	# 15
77) Benzidine	12.792	184	3187	2.03	ng	# 94

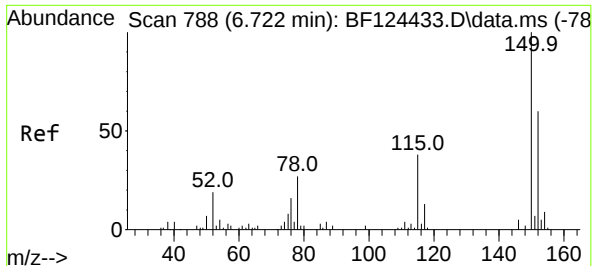
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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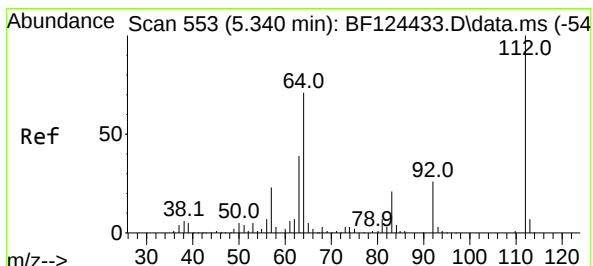
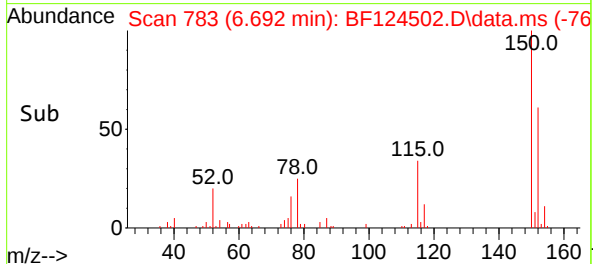
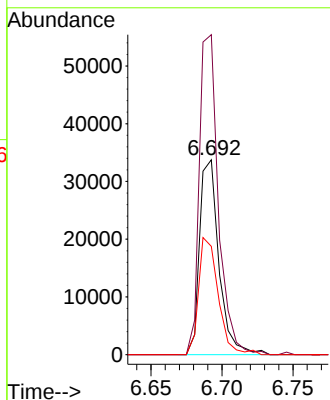
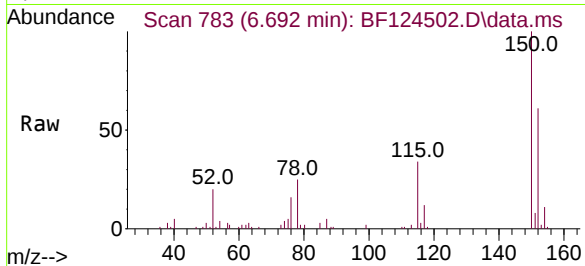




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

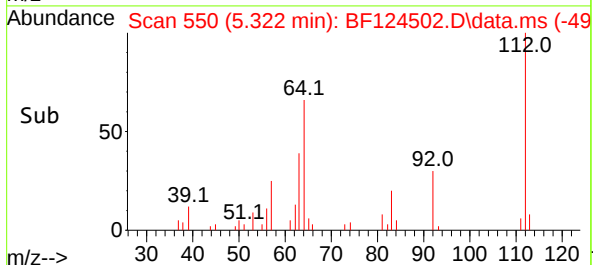
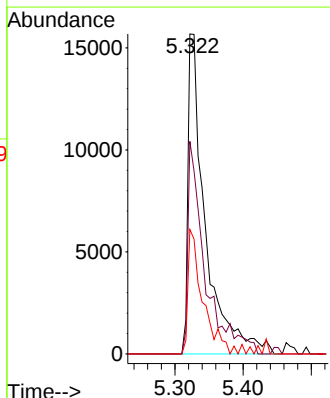
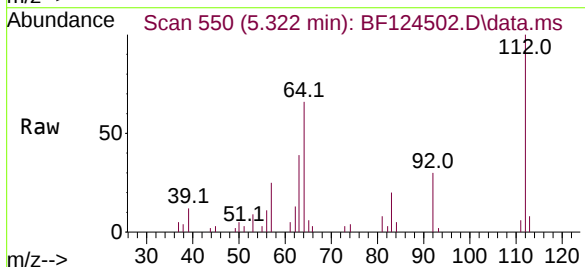
Instrument :
BNA_F
ClientSampleId :
PSCON-2

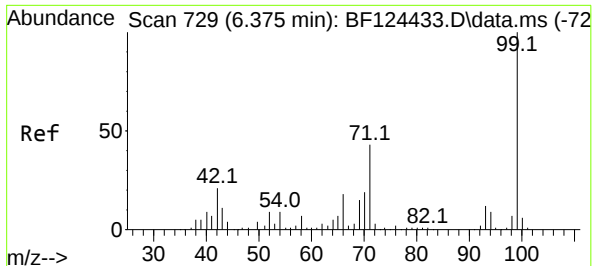
Tgt Ion:152 Resp: 32157
Ion Ratio Lower Upper
152 100
150 164.1 127.0 190.6
115 55.6 54.3 81.5



#5
2-Fluorophenol
Concen: 13.52 ng
RT: 5.322 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion:112 Resp: 27635
Ion Ratio Lower Upper
112 100
64 66.5 61.4 92.0
63 38.9 33.0 49.4

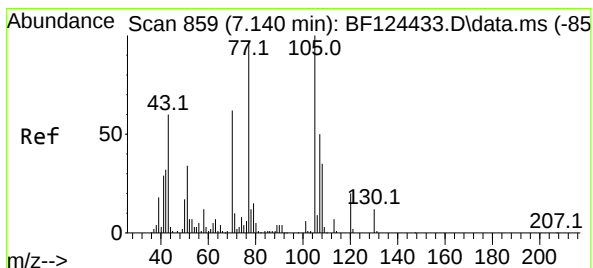
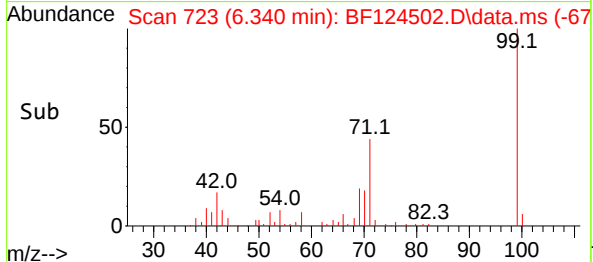
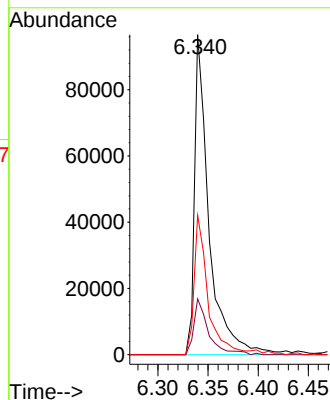
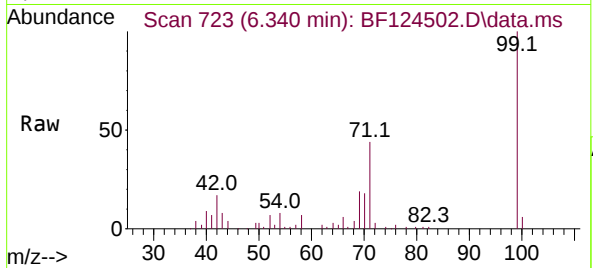




#7
Phenol-d6
Concen: 36.23 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.012 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

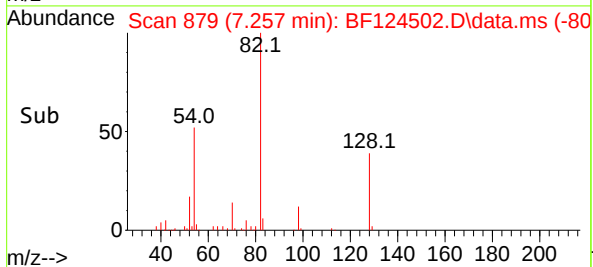
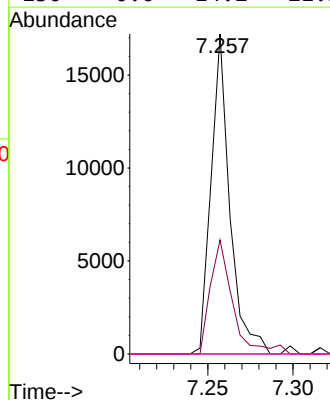
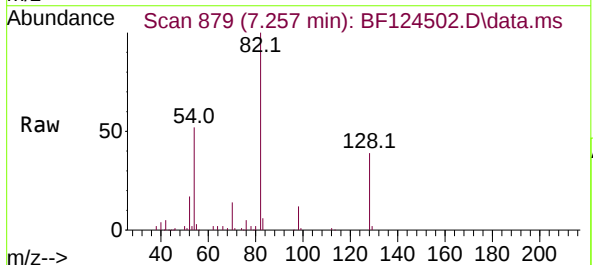
Instrument :
BNA_F
ClientSampleId :
PSCON-2

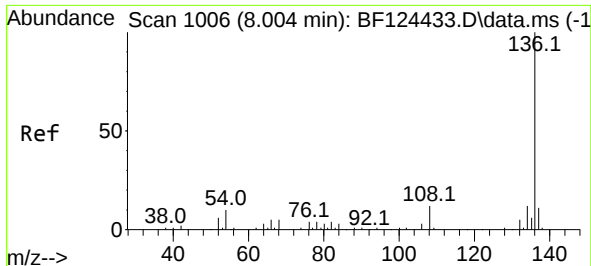
Tgt Ion: 99 Resp: 96720
Ion Ratio Lower Upper
99 100
42 17.4 19.8 29.8#
71 43.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.32 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 70 Resp: 13149
Ion Ratio Lower Upper
70 100
42 35.6 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

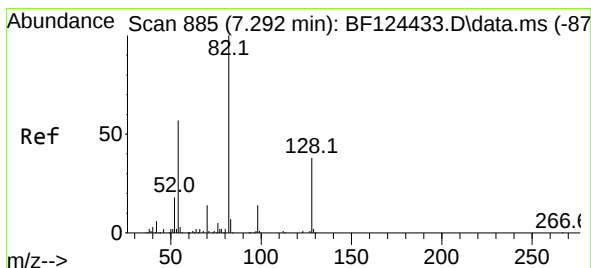
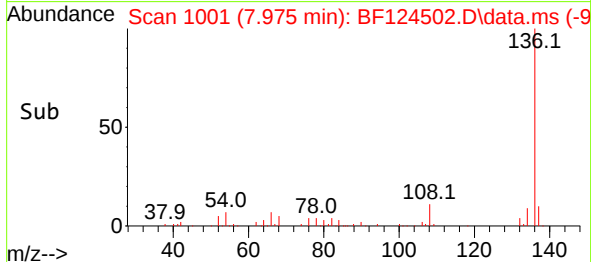
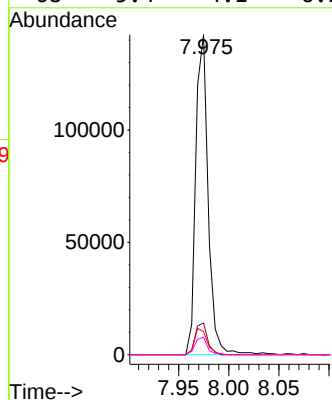
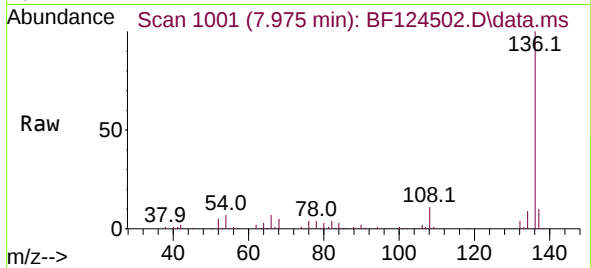




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

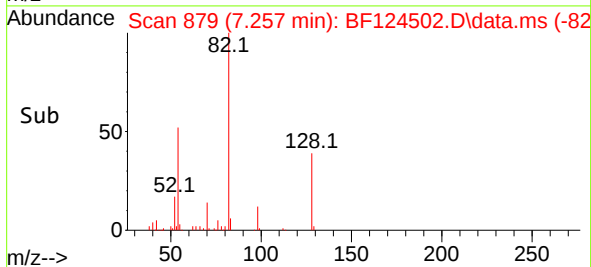
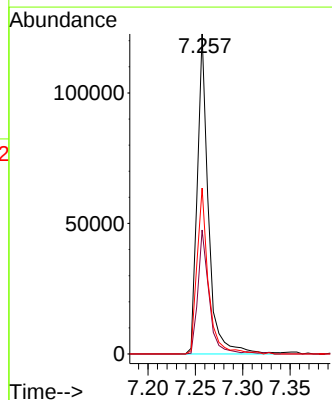
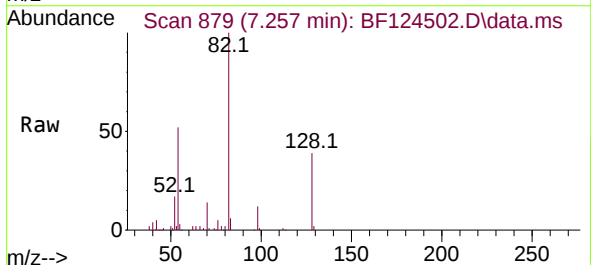
Instrument :
BNA_F
ClientSampleId :
PSCON-2

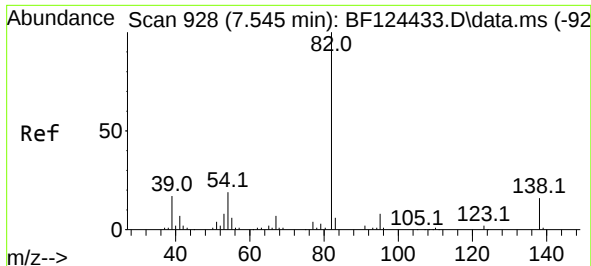
Tgt Ion:136	Resp: 122807
Ion Ratio	Lower Upper
136	100
137	9.9 8.7 13.1
54	7.1 9.8 14.6#
68	5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 33.99 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 82	Resp: 100669
Ion Ratio	Lower Upper
82	100
128	38.7 29.4 44.2
54	51.9 54.1 81.1#

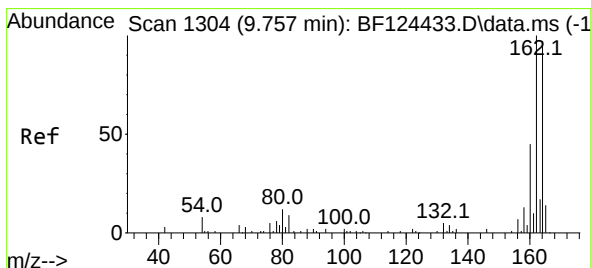
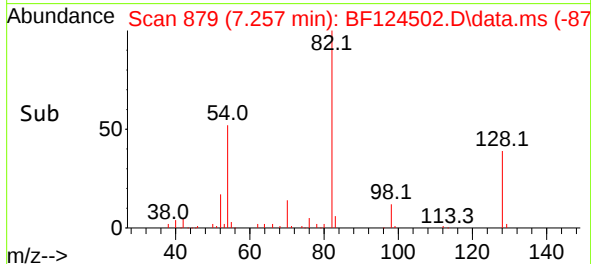
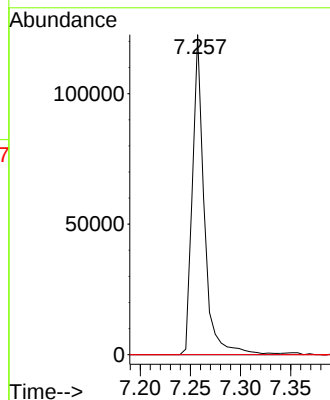
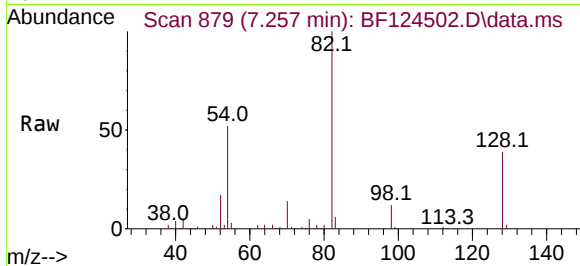




#25
Isophorone
Concen: 19.77 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

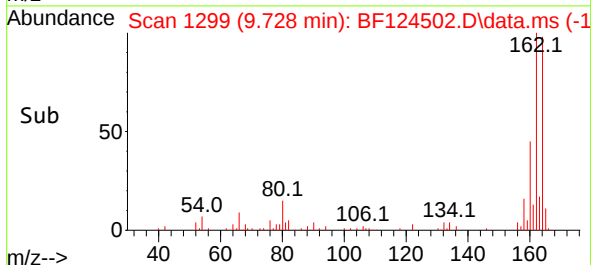
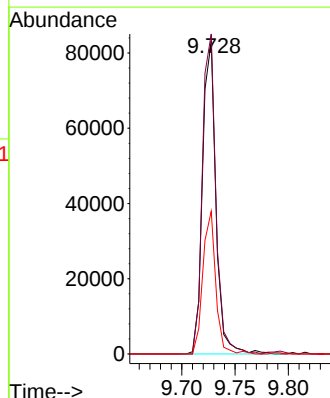
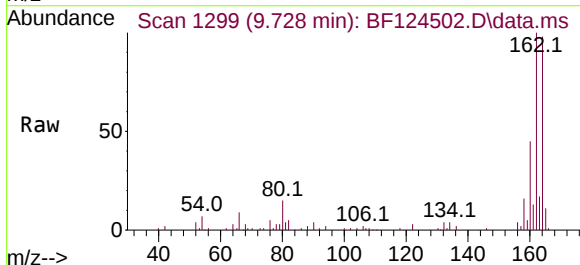
Instrument :
BNA_F
ClientSampleId :
PSCON-2

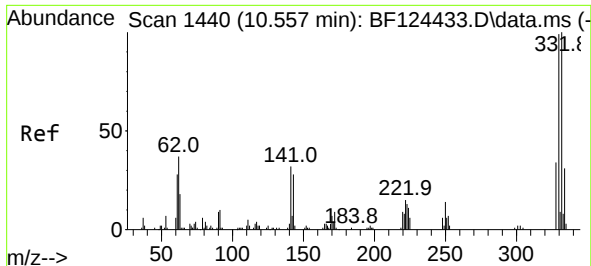
Tgt Ion: 82 Resp: 100668
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 164 Resp: 72991
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 45.6 37.3 55.9

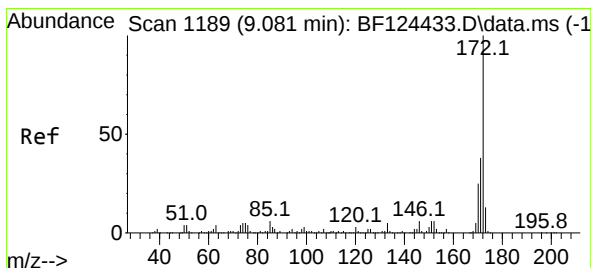
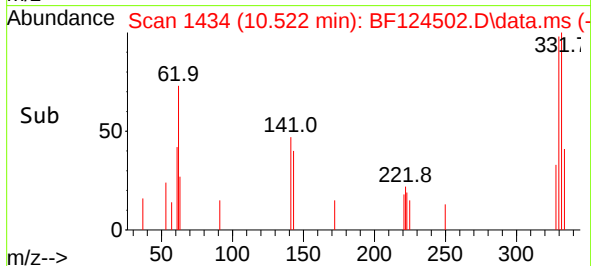
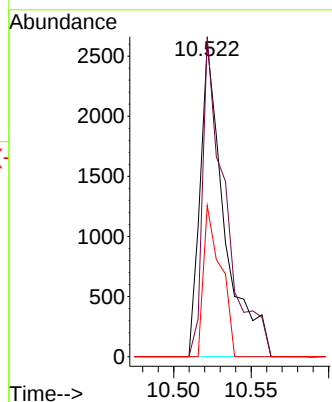
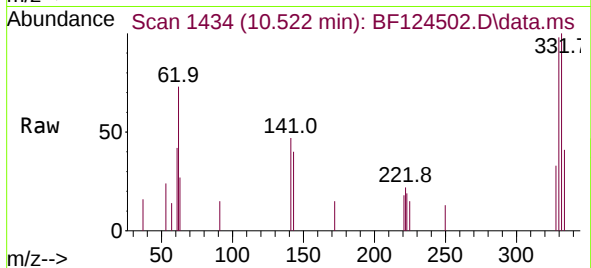




#42
2,4,6-Tribromophenol
Concen: 3.28 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

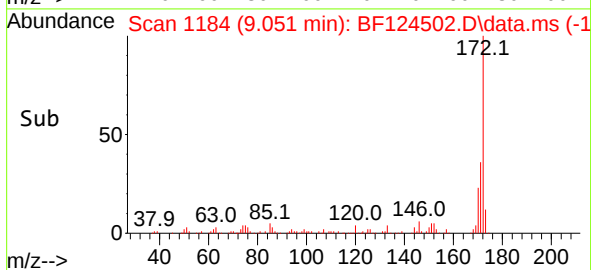
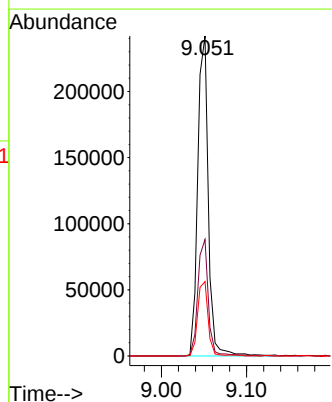
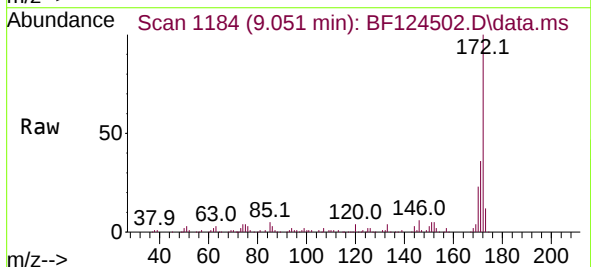
Instrument :
BNA_F
ClientSampleId :
PSCON-2

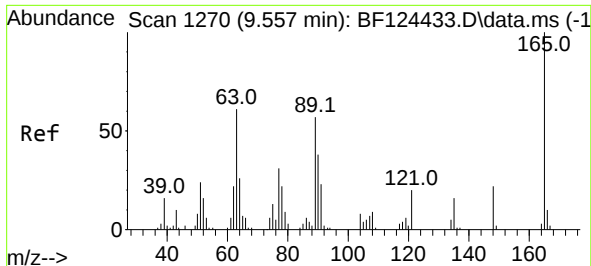
Tgt Ion: 330 Resp: 2858
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 34.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 35.17 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 172 Resp: 209561
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.2 19.2 28.8

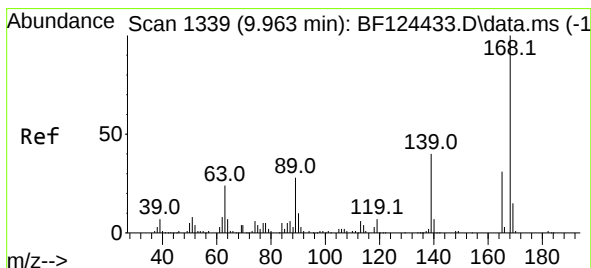
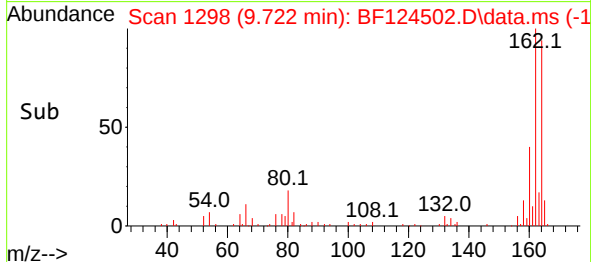
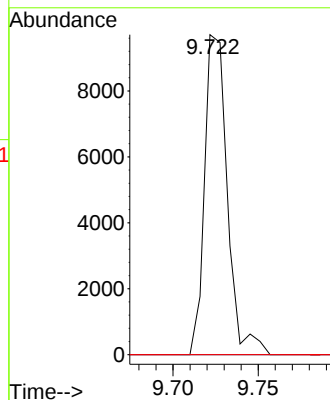
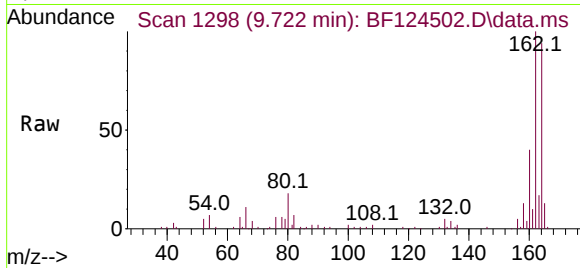




#51
2,6-Dinitrotoluene
Concen: 6.80 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.194 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

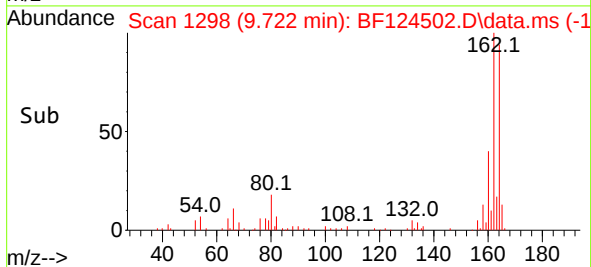
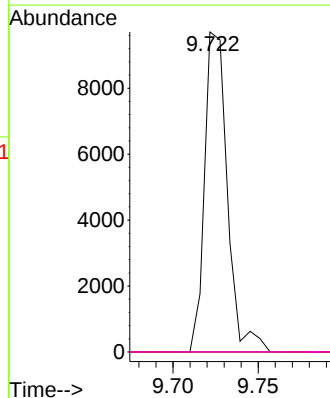
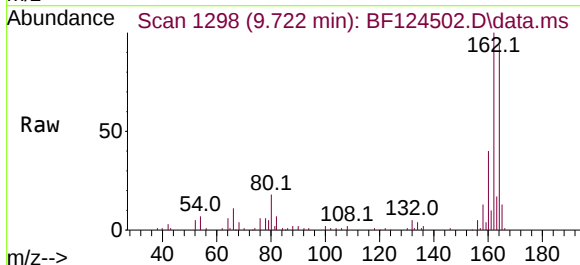
Instrument :
BNA_F
ClientSampleId :
PSCON-2

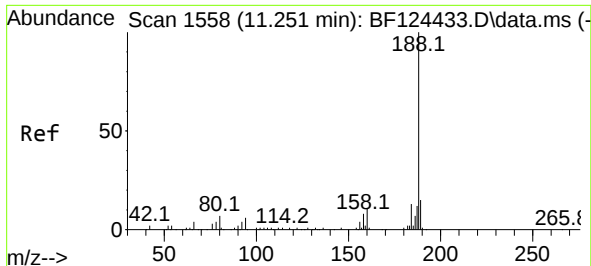
Tgt Ion:165 Resp: 9033
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.13 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.212 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion:165 Resp: 9033
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

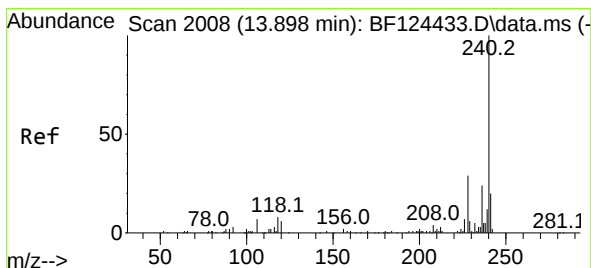
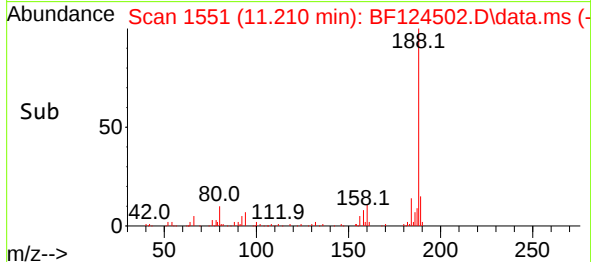
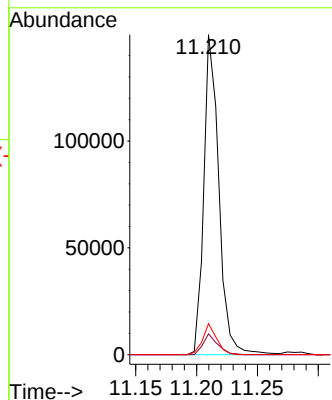
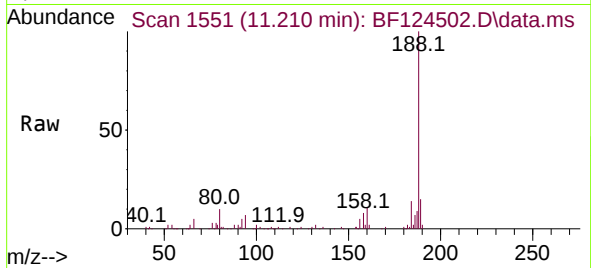




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

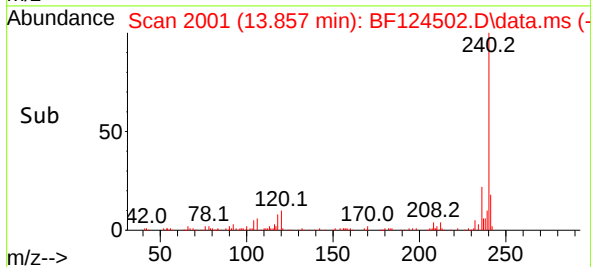
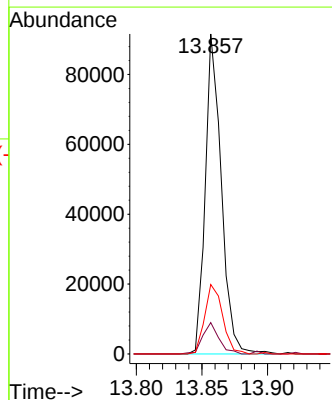
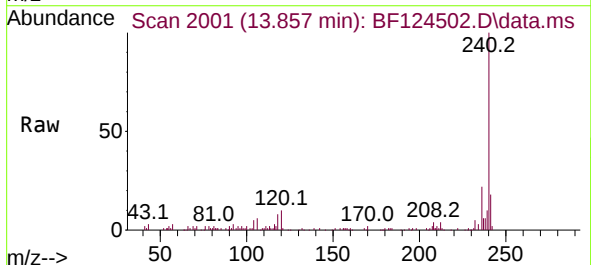
Instrument :
BNA_F
ClientSampleId :
PSCON-2

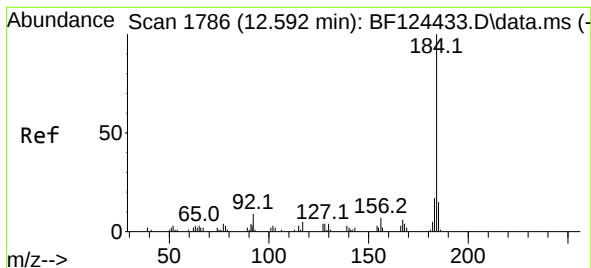
Tgt Ion:188 Resp: 129178
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Tgt Ion:240 Resp: 78270
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 21.7 19.0 28.4





#77

Benzidine

Concen: 2.03 ng

RT: 12.792 min Scan# 1820

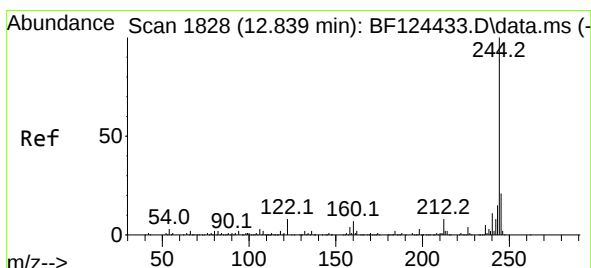
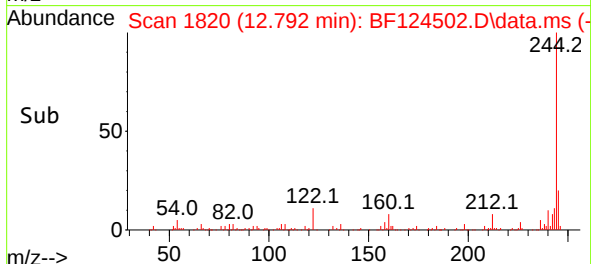
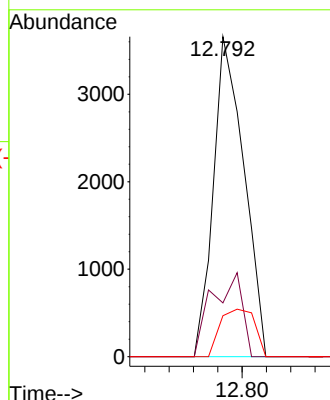
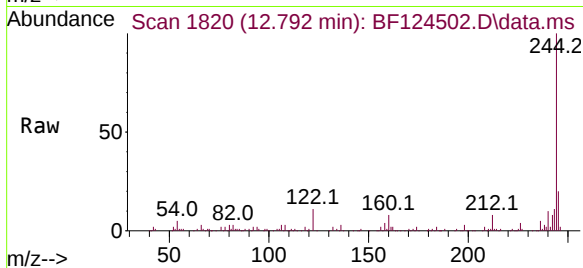
Delta R.T. 0.241 min

Lab File: BF124502.D

Acq: 30 Jun 2021 20:31

Tgt Ion:184	Resp:	3187
Ion Ratio	Lower	Upper
184	100	
185	16.8	12.1 18.1
183	12.8	7.8 11.8#

Instrument :
BNA_F
ClientSampled :
PSCON-2



#79

Terphenyl-d14

Concen: 40.84 ng

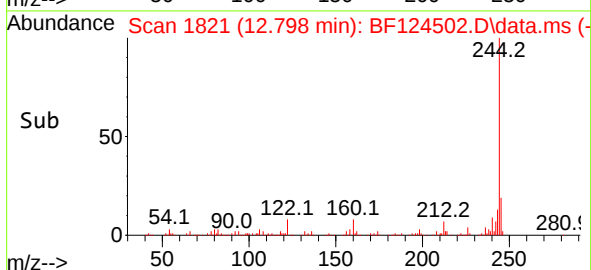
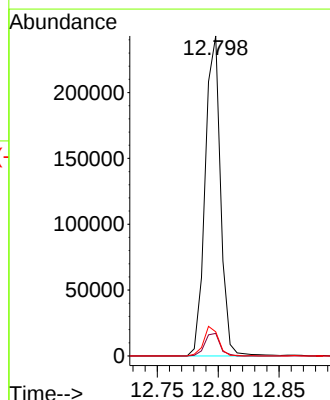
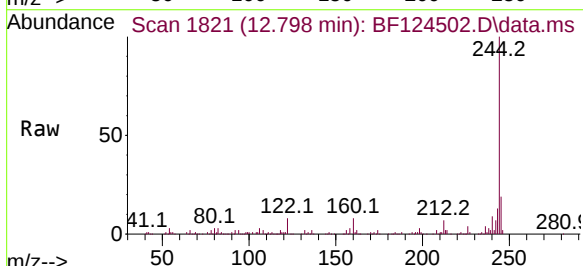
RT: 12.798 min Scan# 1821

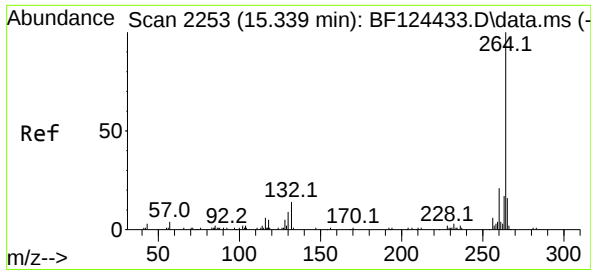
Delta R.T. 0.000 min

Lab File: BF124502.D

Acq: 30 Jun 2021 20:31

Tgt Ion:244	Resp:	213442
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.7 8.5
122	7.5	9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.286 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF124502.D
Acq: 30 Jun 2021 20:31

Instrument :
BNA_F
ClientSampleId :
PSCON-2

Tgt Ion:264 Resp: 80843

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	18.8	17.8	26.8

