

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111120\
 Data File : BF122304.D
 Acq On : 11 Nov 2020 9:38
 Operator : JU/CG
 Sample : PB132413BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132413BL

Quant Time: Nov 11 11:01:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 11 11:01:10 2020
 Response via : Initial Calibration

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

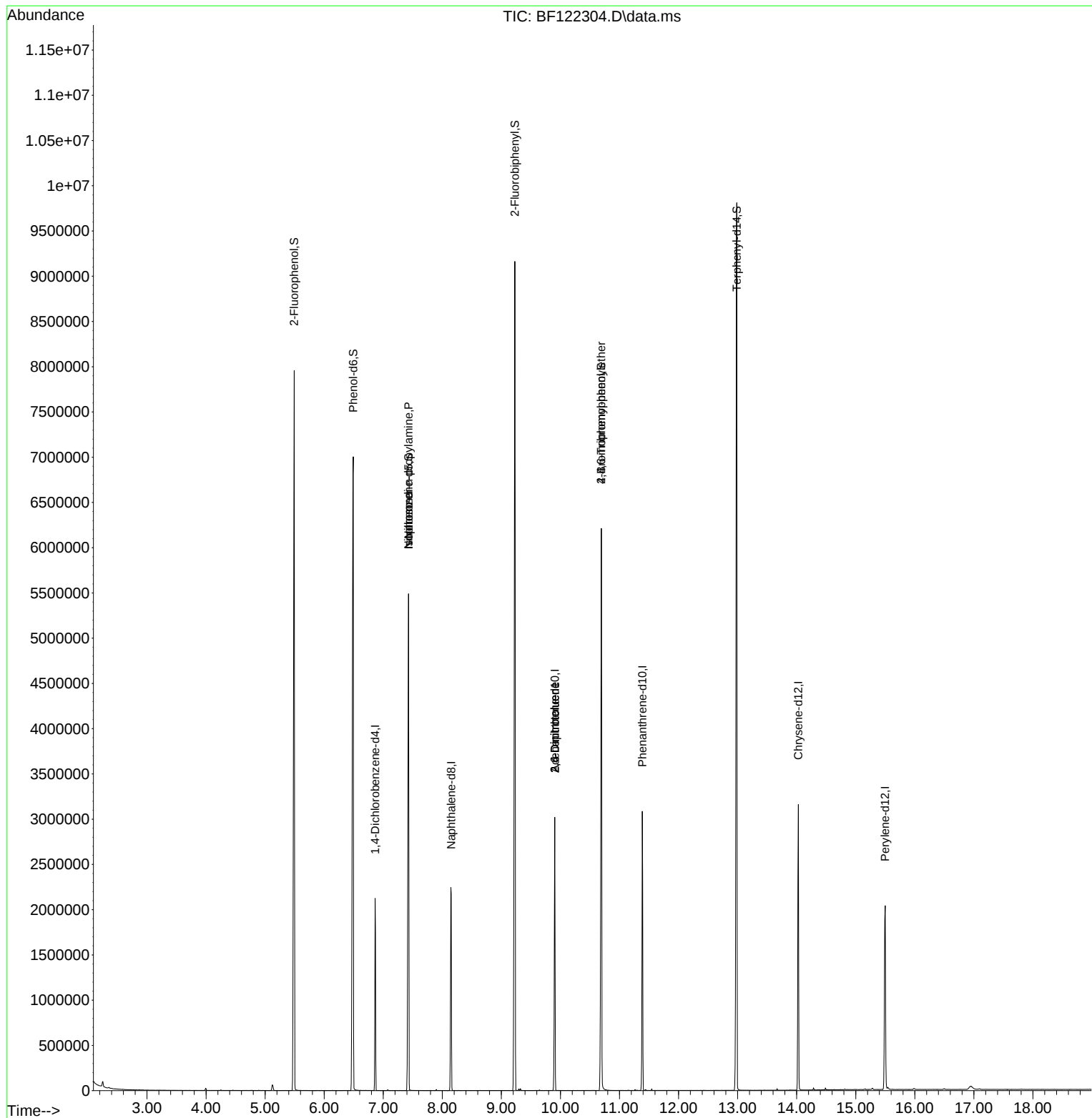
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	298711	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1128355	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	595417	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1093642	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1007617	20.00	ng	0.00
86) Perylene-d12	15.498	264	965662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2505726	128.81	ng	0.02
7) Phenol-d6	6.492	99	3190325	125.36	ng	0.00
23) Nitrobenzene-d5	7.428	82	2021591	109.68	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	887487	138.88	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	3454284	90.64	ng	0.00
79) Terphenyl-d14	12.986	244	3738033	78.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	278911	18.34	ng	Qvalue # 77
25) Isophorone	7.428	82	1988247	48.39	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	76424	9.34	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	76424	7.72	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	58043	4.52	ng	# 1

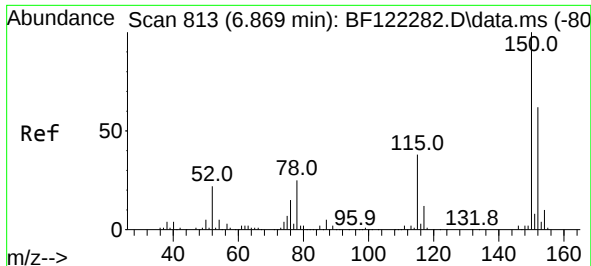
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 11 11:01:10 2020
Response via : Initial Calibration

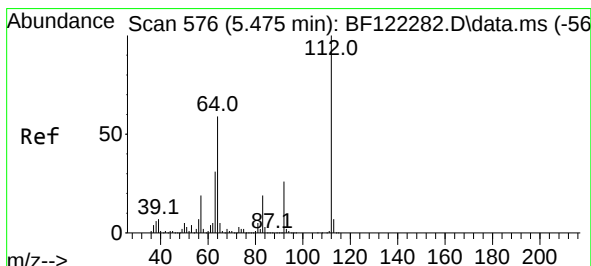
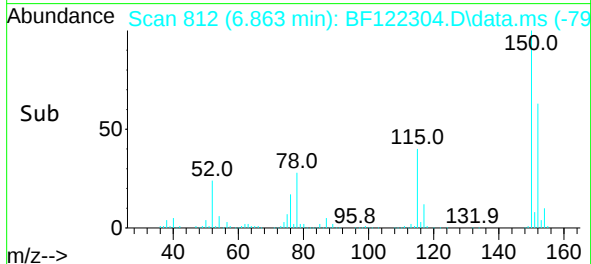
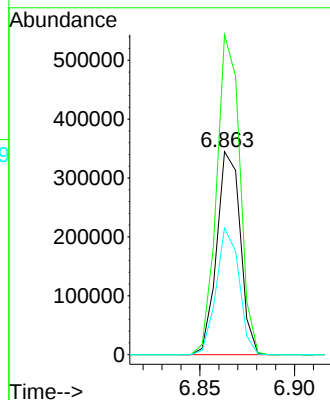
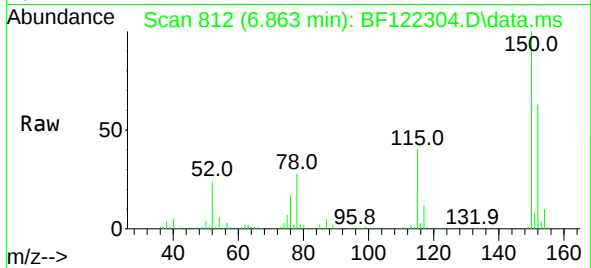




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

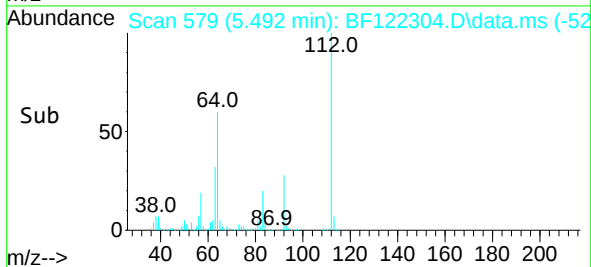
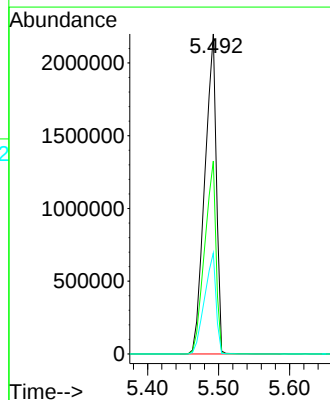
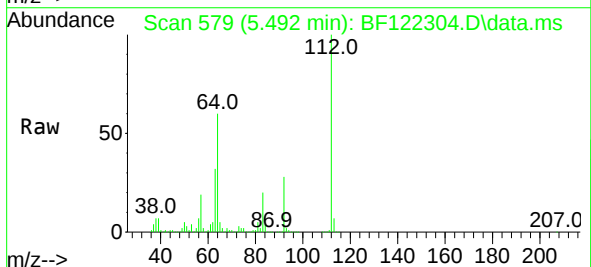
Instrument :
BNA_F
ClientSampleId :
PB132413BL

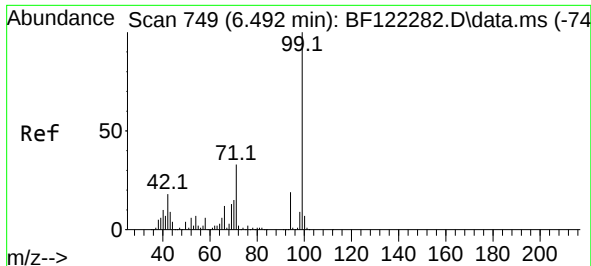
Tgt Ion:152 Resp: 298711
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 62.4 51.9 77.9



#5
2-Fluorophenol
Concen: 128.81 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Tgt Ion:112 Resp: 2505726
Ion Ratio Lower Upper
112 100
64 60.3 50.4 75.6
63 31.6 25.8 38.6

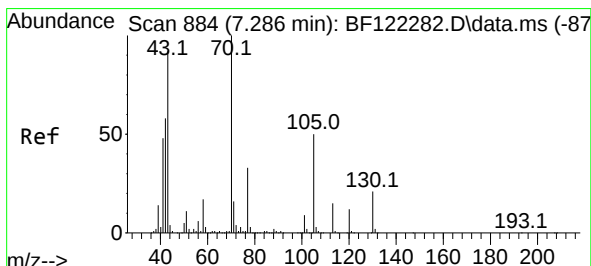
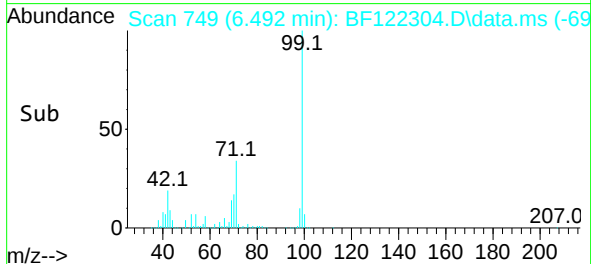
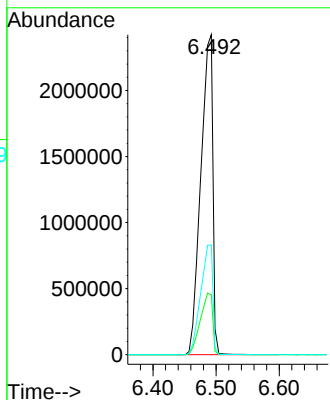
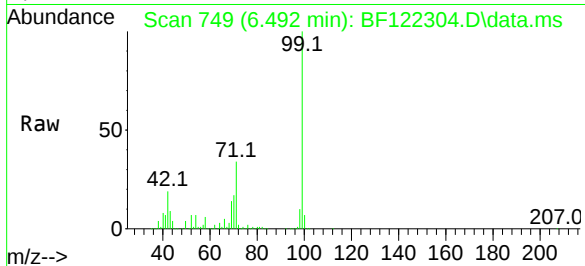




#7
Phenol-d6
Concen: 125.36 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

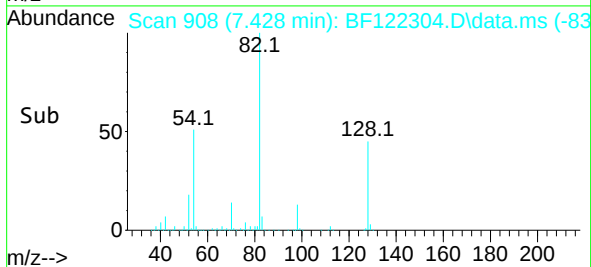
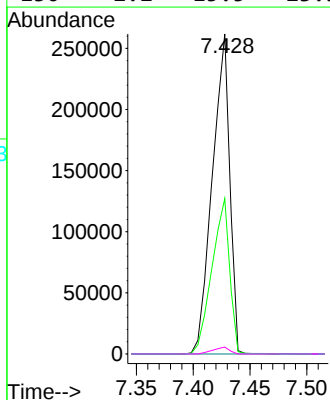
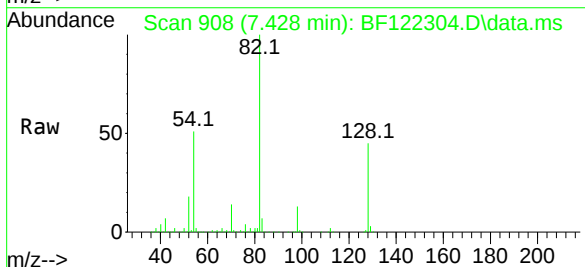
Instrument :
BNA_F
ClientSampleId :
PB132413BL

Tgt Ion: 99 Resp: 3190325
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.34 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Tgt Ion: 70 Resp: 278911
Ion Ratio Lower Upper
70 100
42 48.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



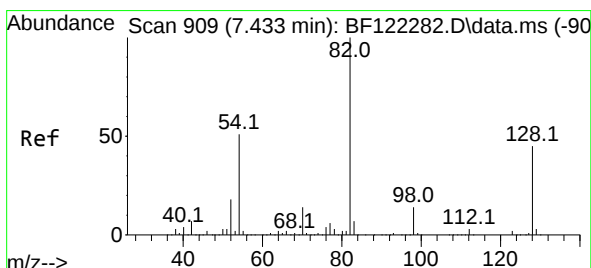
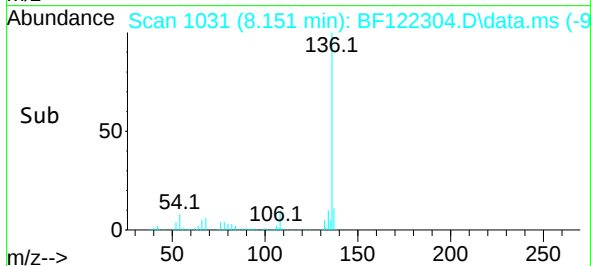
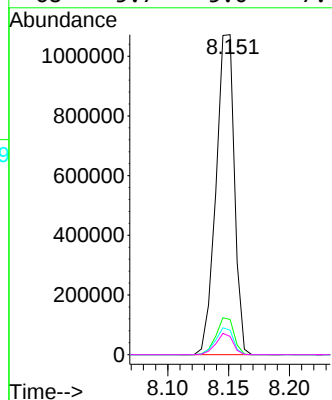
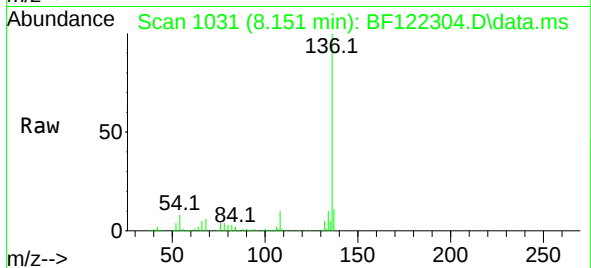


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Instrument :
BNA_F
ClientSampleId :
PB132413BL

Tgt Ion:136 Resp: 1128355

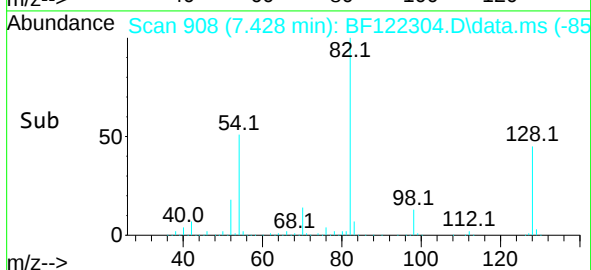
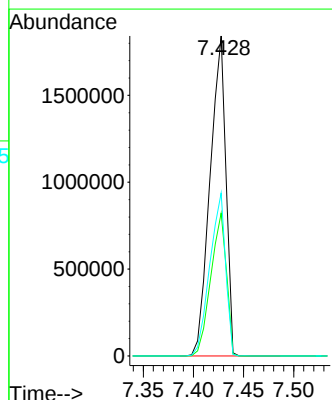
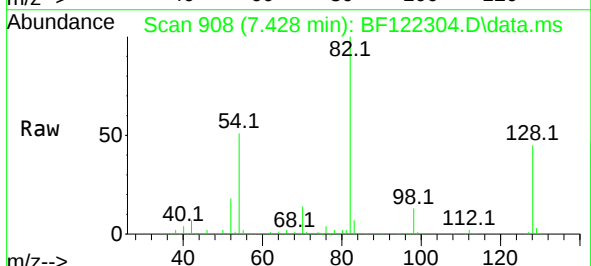
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.7	7.1	10.7
68	5.7	5.0	7.4

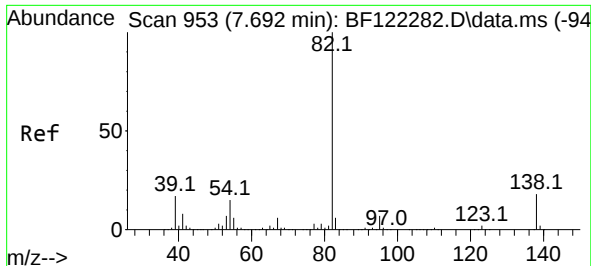


#23
Nitrobenzene-d5
Concen: 109.68 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Tgt Ion: 82 Resp: 2021591

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.0	52.4
54	50.9	43.9	65.9

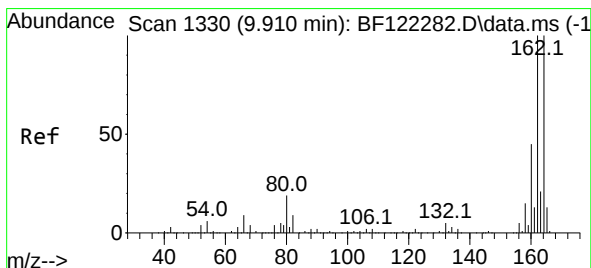
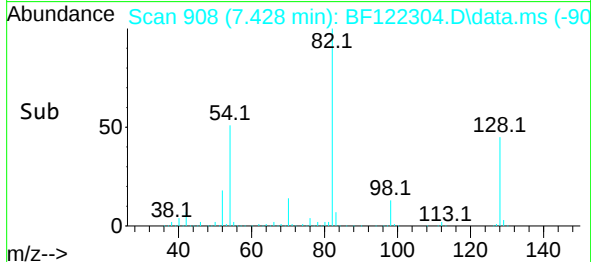
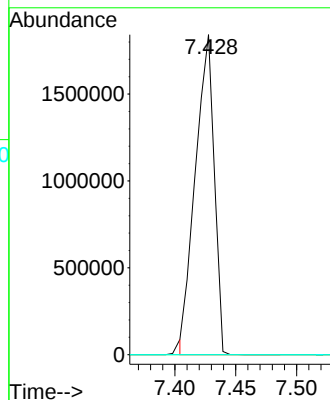
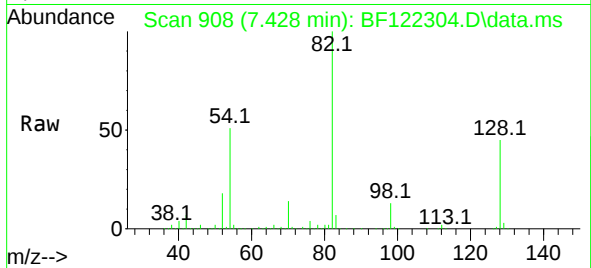




#25
Isophorone
Concen: 48.39 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

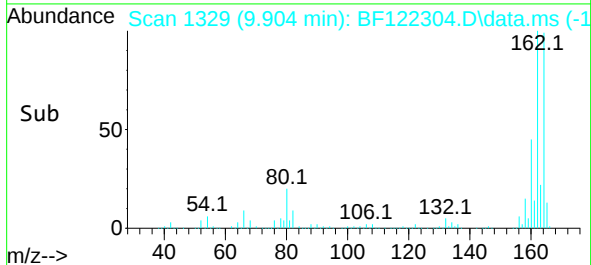
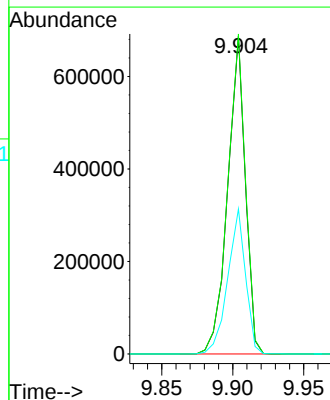
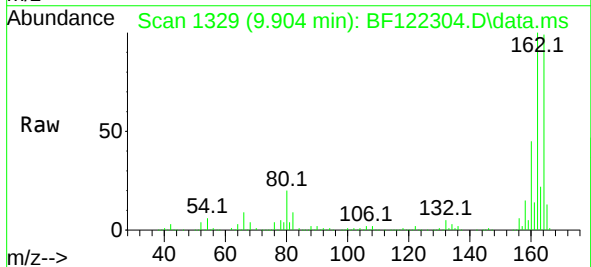
Instrument :
BNA_F
ClientSampleId :
PB132413BL

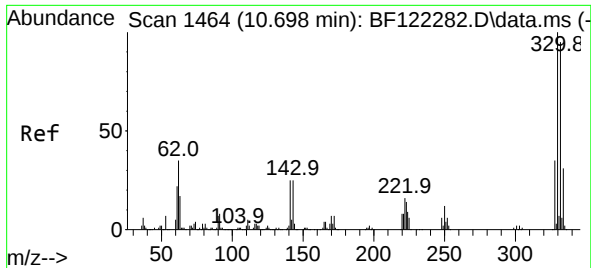
Tgt Ion: 82 Resp: 1988247
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Tgt Ion: 164 Resp: 595417
Ion Ratio Lower Upper
164 100
162 100.7 83.2 124.8
160 45.6 37.5 56.3

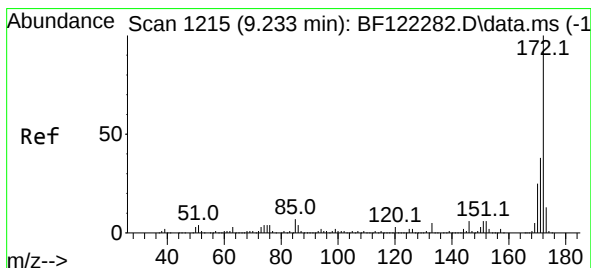
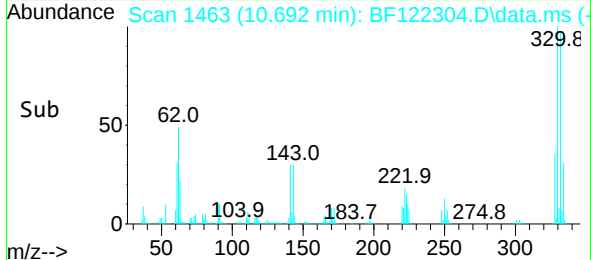
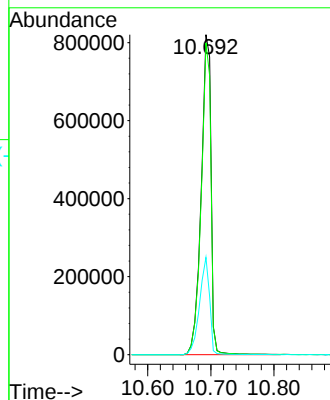
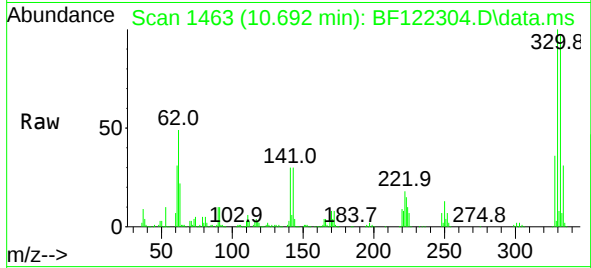




#42
 2,4,6-Tribromophenol
 Concen: 138.88 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF122304.D
 Acq: 11 Nov 2020 9:38

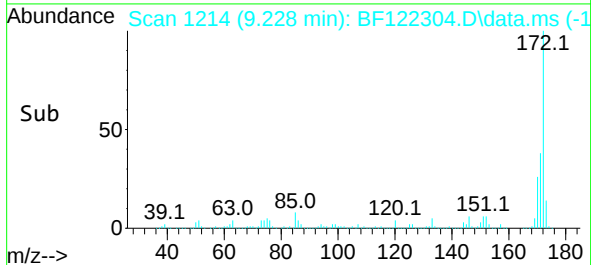
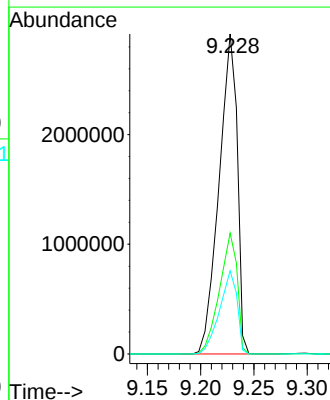
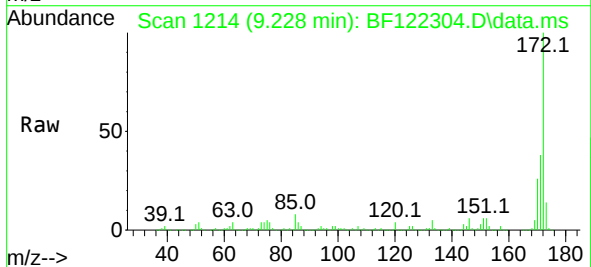
Instrument :
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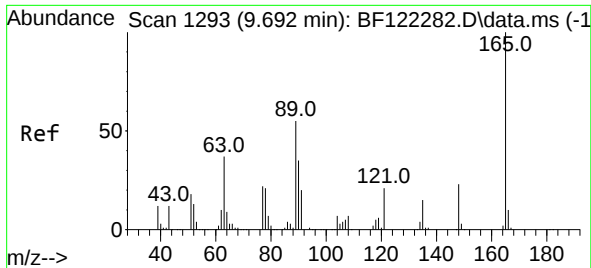
Tgt Ion: 330 Resp: 887487
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 30.9 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF122304.D
 Acq: 11 Nov 2020 9:38

Tgt Ion: 172 Resp: 3454284
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.1 43.7
 170 26.0 19.8 29.6

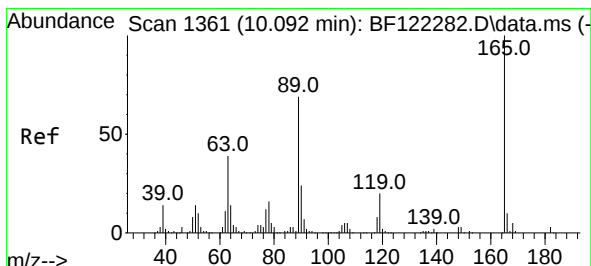
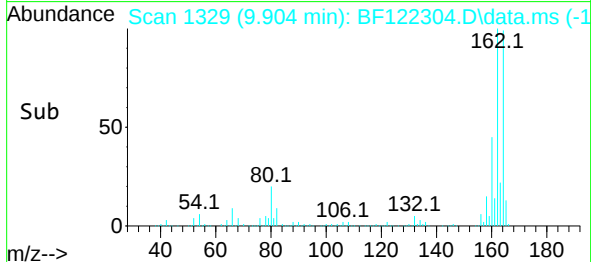
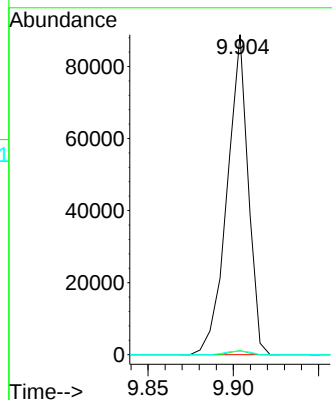
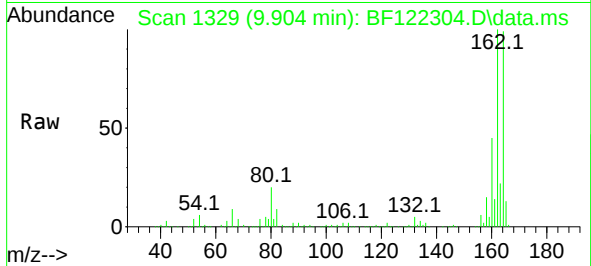




#51
2,6-Dinitrotoluene
Concen: 9.34 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

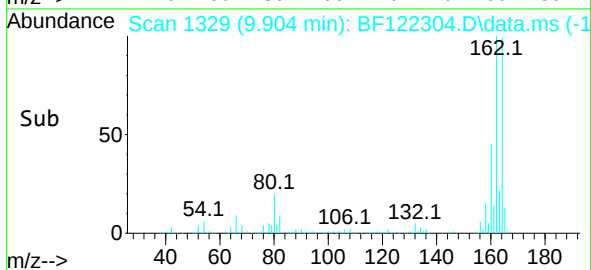
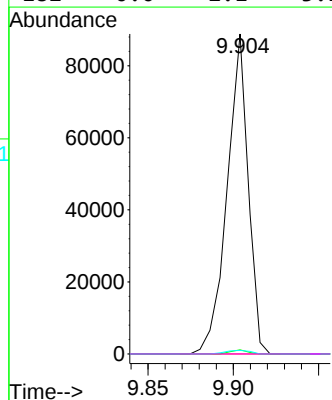
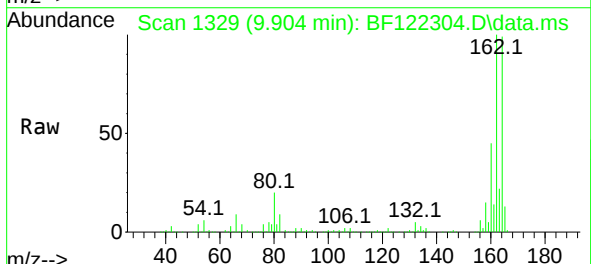
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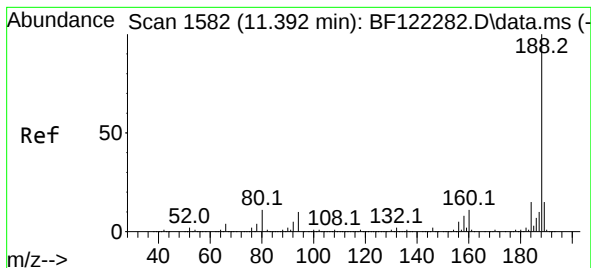
Tgt Ion:165 Resp: 76424
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 7.72 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Tgt Ion:165 Resp: 76424
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF122304.D

Acq: 11 Nov 2020 9:38

Tgt Ion:188 Resp: 1093642

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

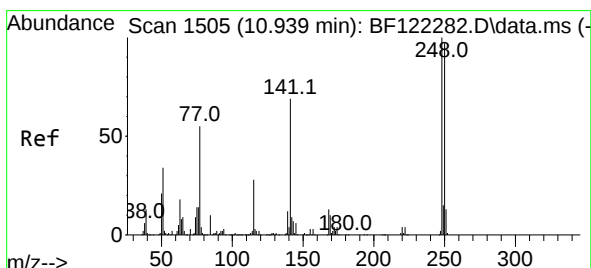
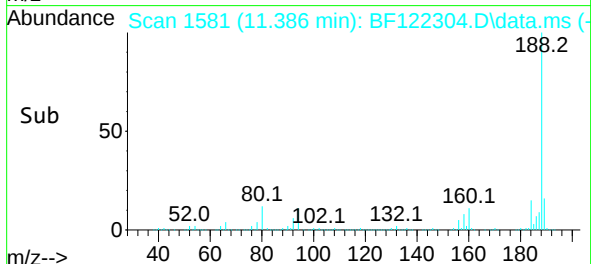
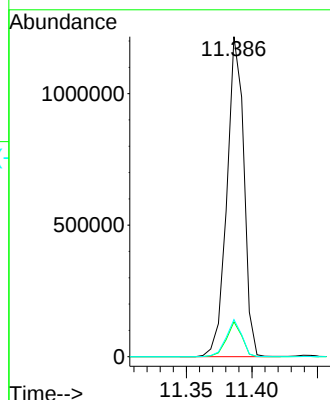
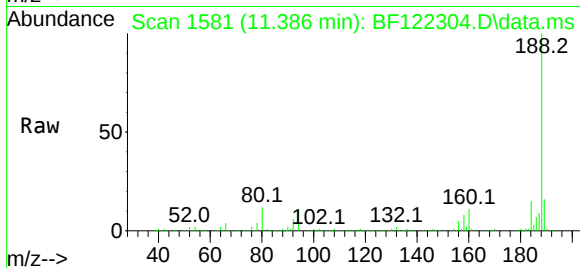
80 11.6 9.1 13.7

Instrument :

BNA_F

ClientSampleId :

PB132413BL



#67

4-Bromophenyl-phenylether

Concen: 4.52 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF122304.D

Acq: 11 Nov 2020 9:38

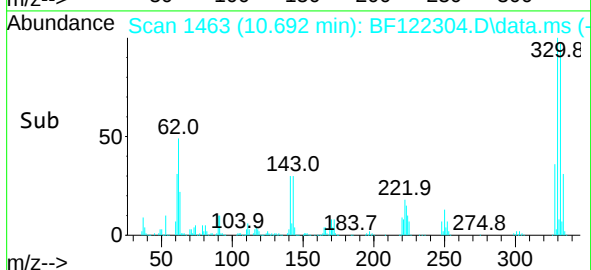
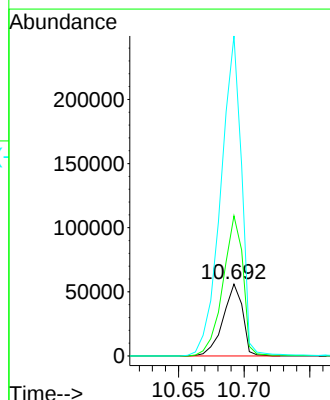
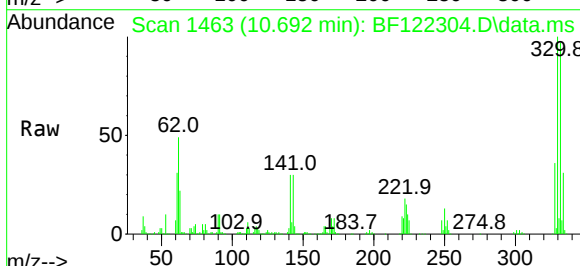
Tgt Ion:248 Resp: 58043

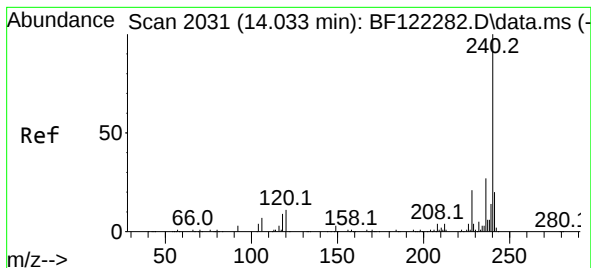
Ion Ratio Lower Upper

248 100

250 195.2 77.0 115.6#

141 445.9 53.7 80.5#

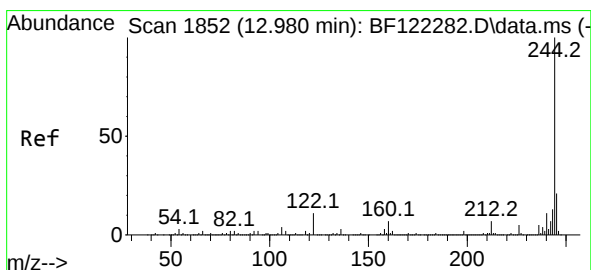
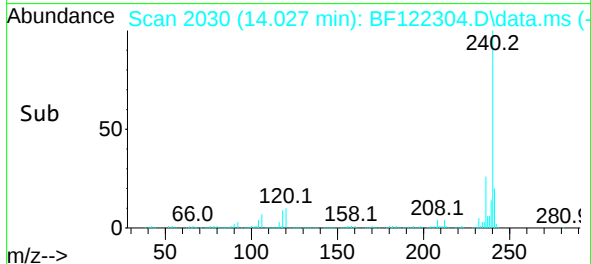
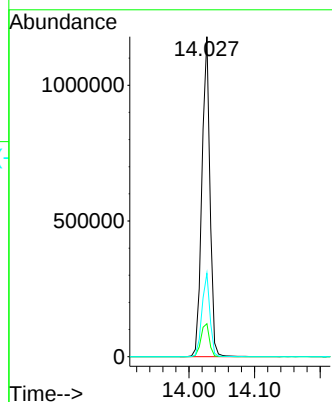
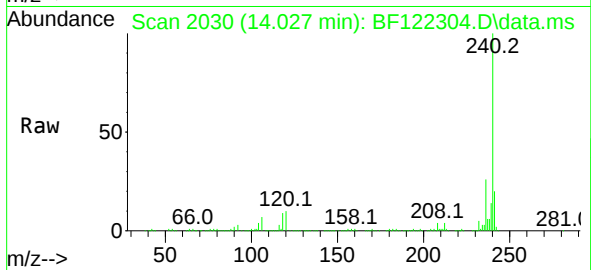




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

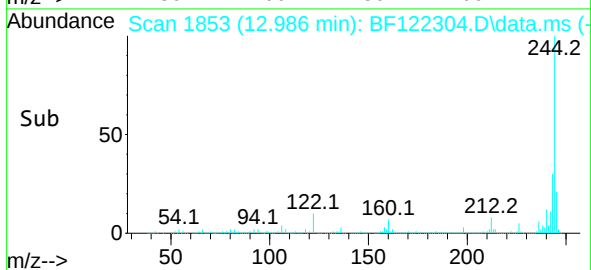
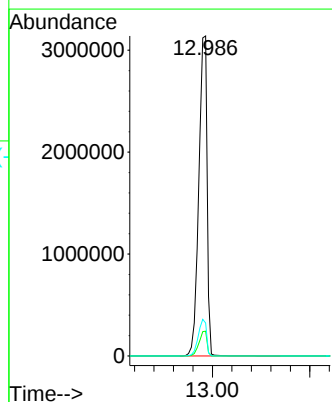
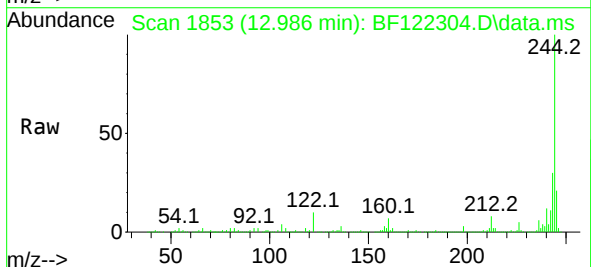
Instrument :
BNA_F
ClientSampleId :
PB132413BL

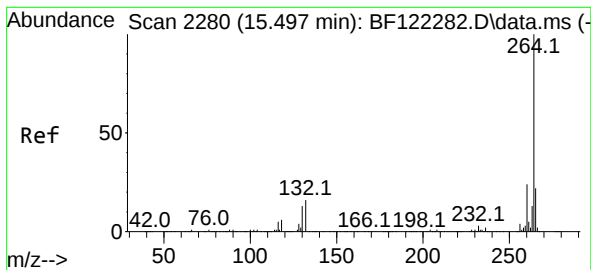
Tgt Ion:240 Resp: 1007617
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 78.59 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF122304.D
Acq: 11 Nov 2020 9:38

Tgt Ion:244 Resp: 3738033
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 10.3 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF122304.D
 Acq: 11 Nov 2020 9:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132413BL

Tgt Ion:264 Resp: 965662
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.2 17.3 25.9

