

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122055.D
 Acq On : 21 Oct 2020 15:11
 Operator : JU/CG
 Sample : L4468-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

Quant Time: Oct 21 15:44:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

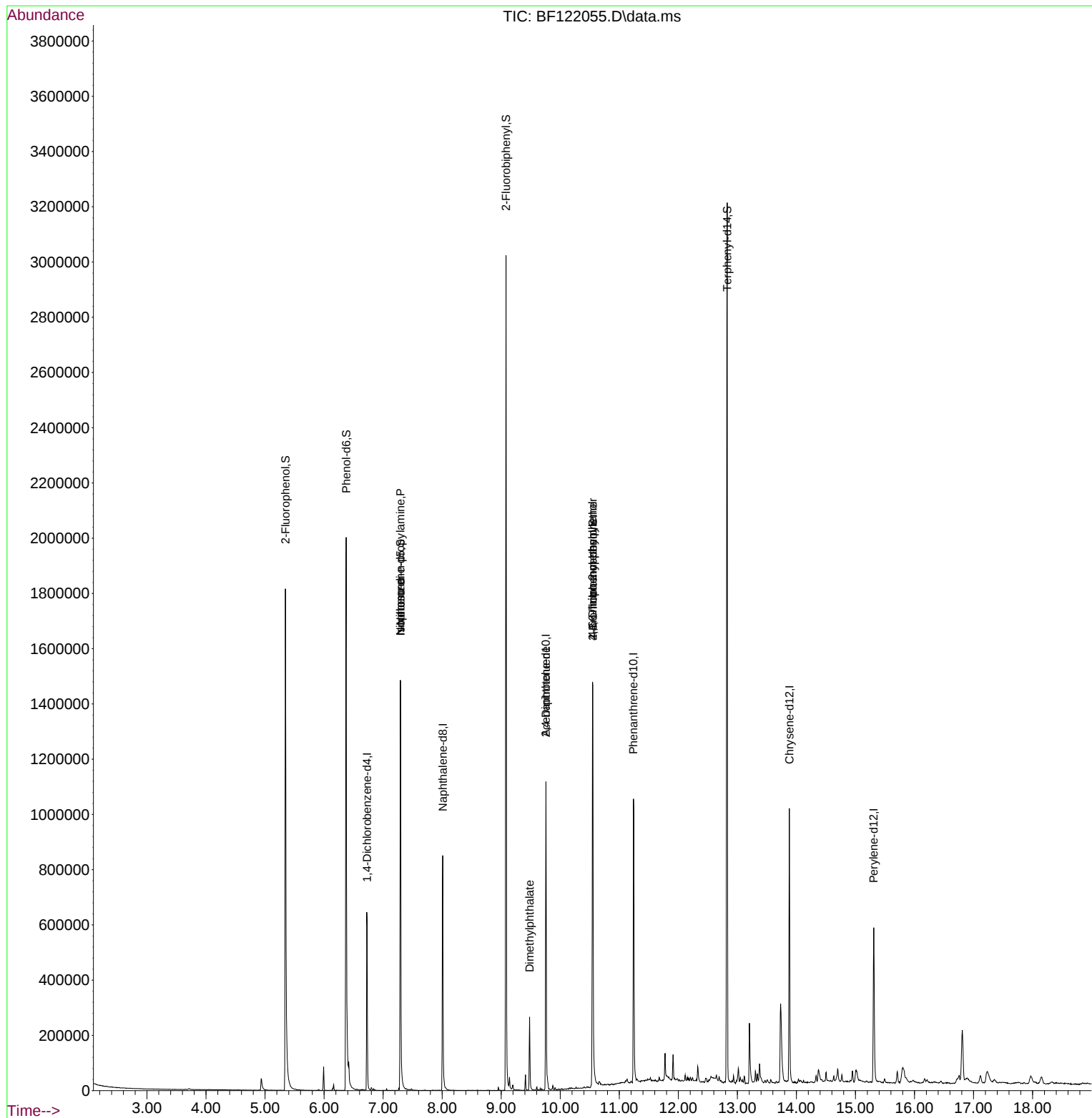
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	99980	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	404516	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	212761	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	408966	20.00	ng	0.00
76) Chrysene-d12	13.880	240	328476	20.00	ng	0.00
86) Perylene-d12	15.309	264	256260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	567271	83.74	ng	0.00
7) Phenol-d6	6.375	99	717286	82.26	ng	0.00
23) Nitrobenzene-d5	7.292	82	502864	63.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	223751	85.02	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	903263	62.46	ng	0.00
79) Terphenyl-d14	12.827	244	1000304	58.04	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1764	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.292	70	66687	13.43	ng	# 79
25) Isophorone	7.292	82	499212	33.47	ng	# 67
50) Dimethylphthalate	9.480	163	112276	7.22	ng	99
57) 2,4-Dinitrotoluene	9.757	165	27215	6.48	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.545	198	340	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	12963	2.74	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122055.D
Acq On : 21 Oct 2020 15:11
Operator : JU/CG
Sample : L4468-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

Quant Time: Oct 21 15:44:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

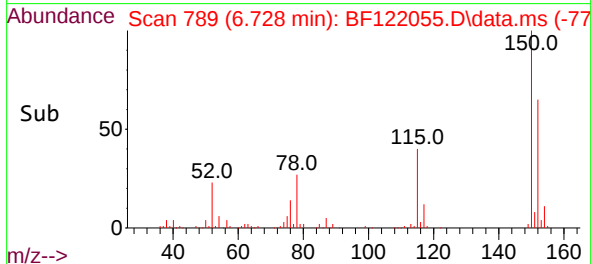
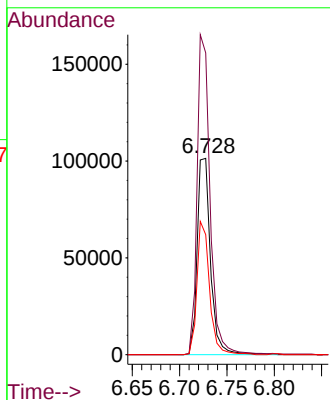
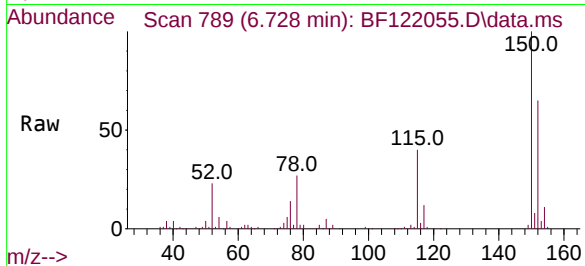




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

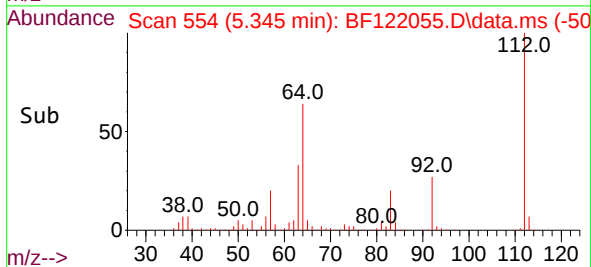
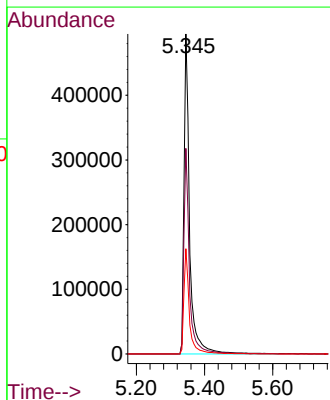
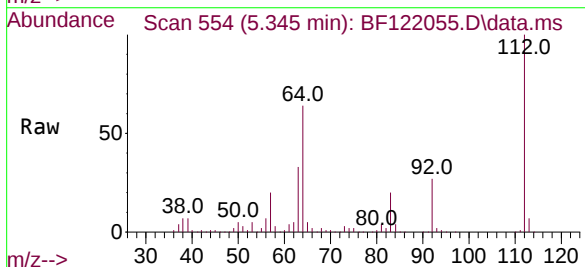
Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion:152 Resp: 99980
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 61.1 51.9 77.9



#5
2-Fluorophenol
Concen: 83.74 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

Tgt Ion:112 Resp: 567271
Ion Ratio Lower Upper
112 100
64 64.3 50.4 75.6
63 32.9 25.8 38.6

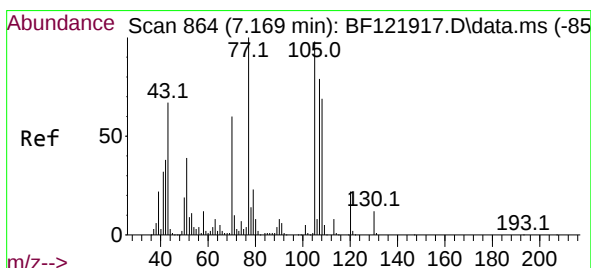
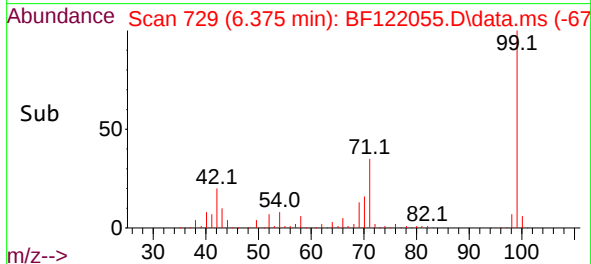
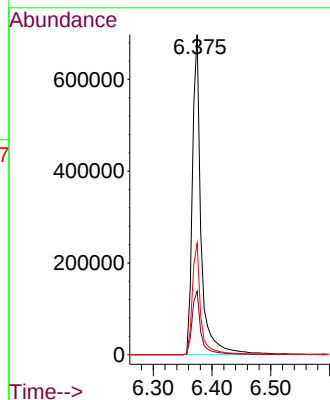
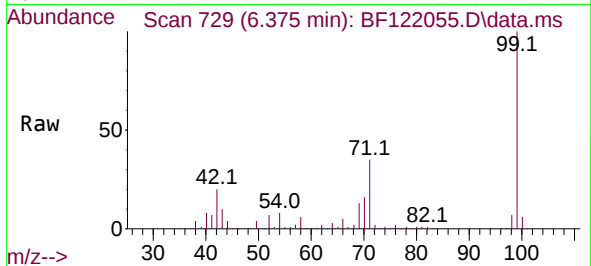




#7
Phenol-d6
Concen: 82.26 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

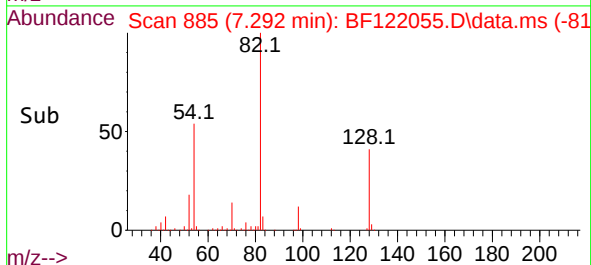
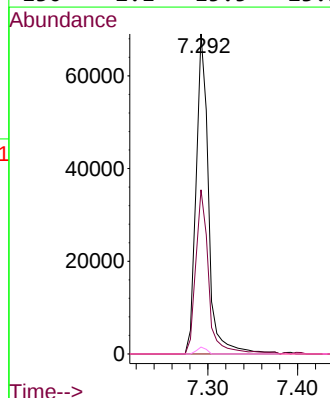
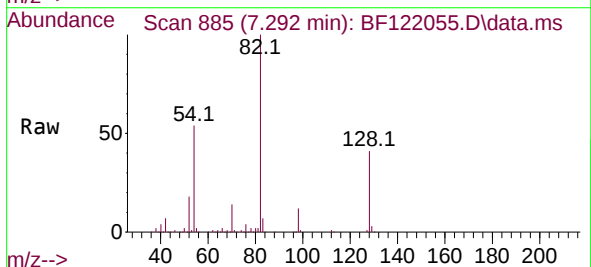
Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion: 99 Resp: 717286
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.43 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

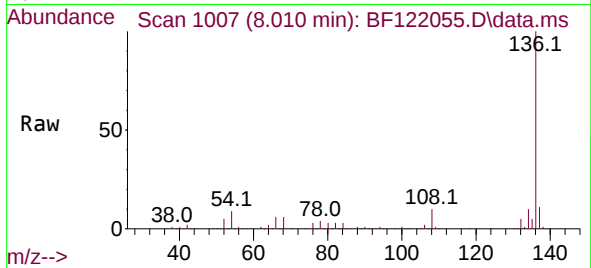
Tgt Ion: 70 Resp: 66687
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



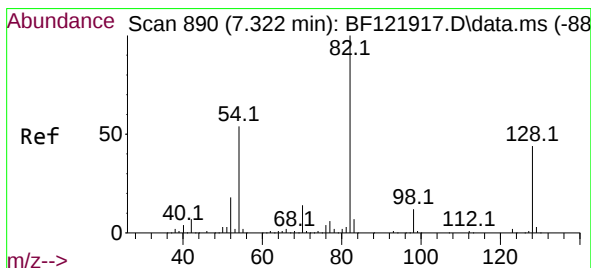
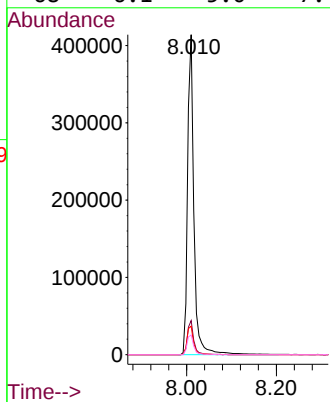
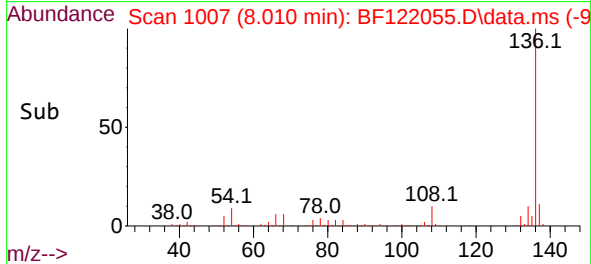


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

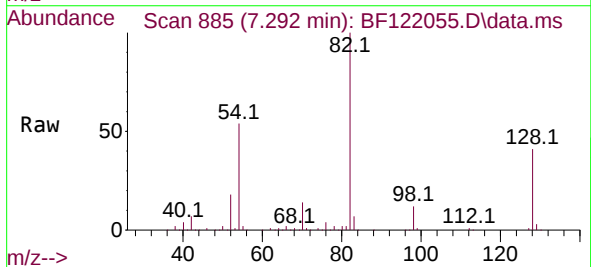
Instrument :
BNA_F
ClientSampleId :
72-11977



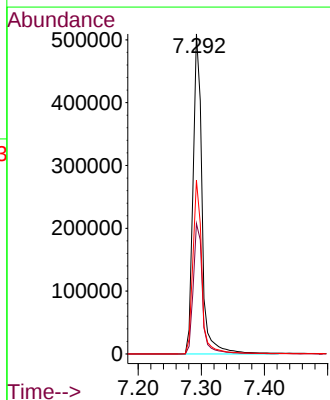
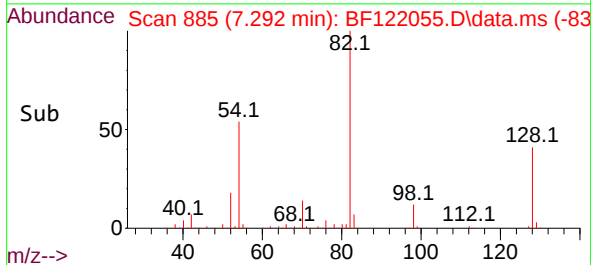
Tgt Ion:136 Resp: 404516
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.1 10.7
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 63.75 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11



Tgt Ion: 82 Resp: 502864
Ion Ratio Lower Upper
82 100
128 40.7 35.0 52.4
54 54.2 43.9 65.9

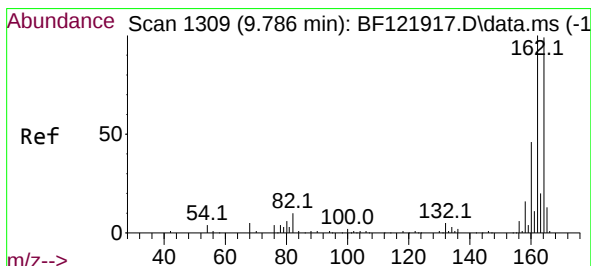
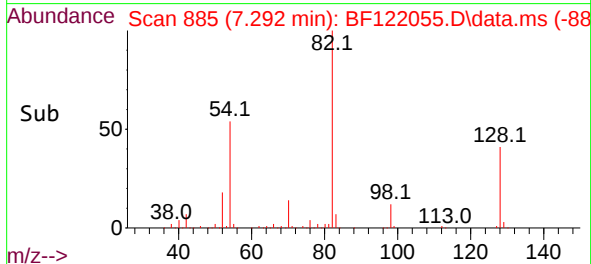
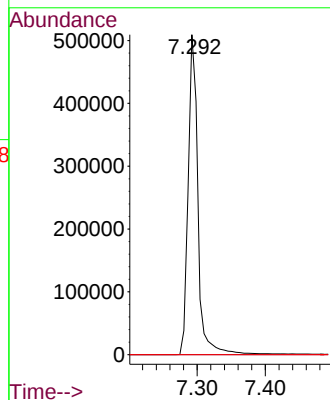
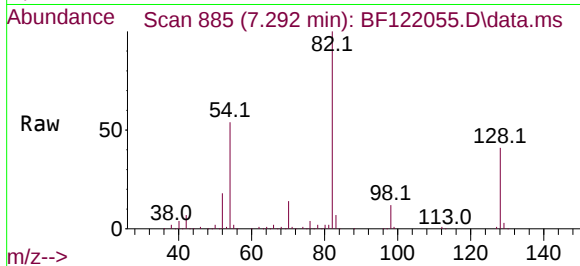




#25
Isophorone
Concen: 33.47 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.271 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

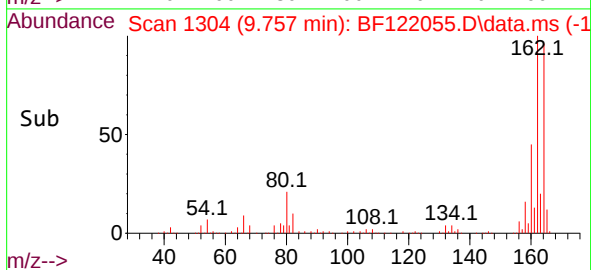
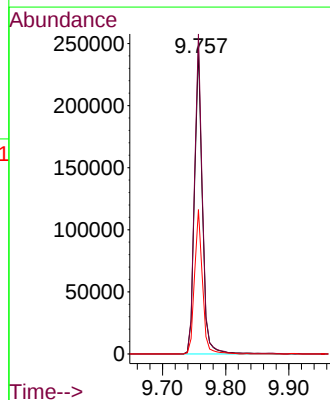
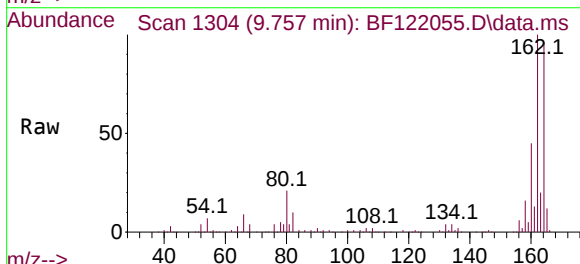
Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion: 82 Resp: 499212
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: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

Tgt Ion: 164 Resp: 212761
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 47.2 37.5 56.3

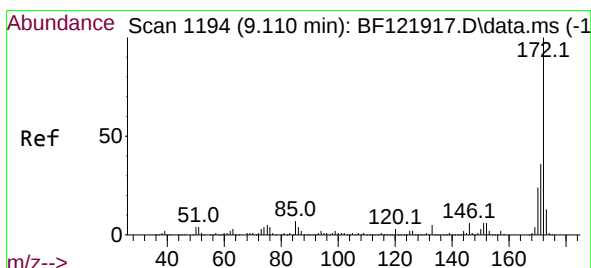
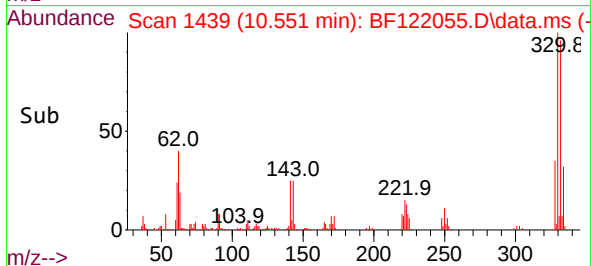
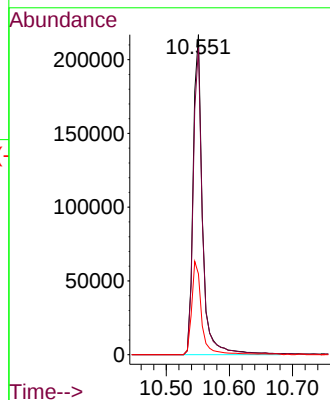
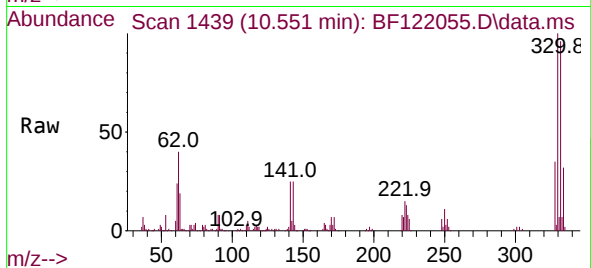




#42
2,4,6-Tribromophenol
Concen: 85.02 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

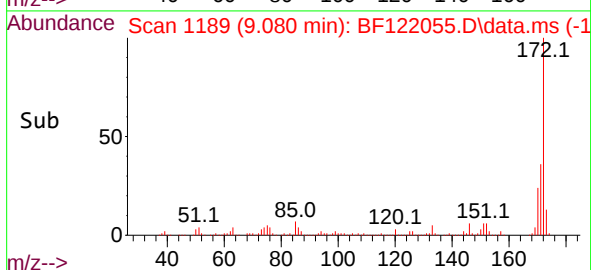
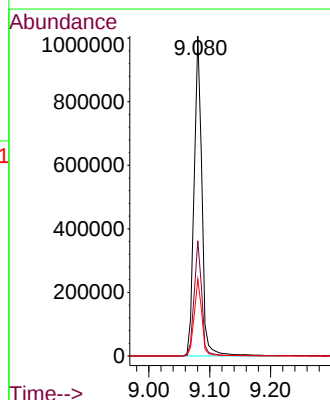
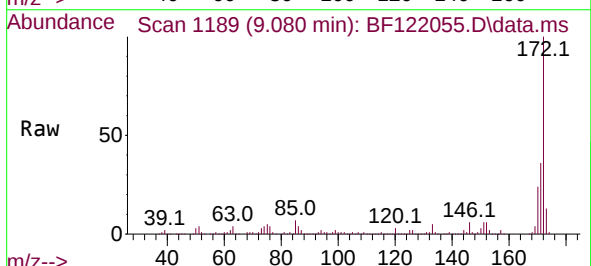
Instrument :
BNA_F
ClientSampleId :
72-11977

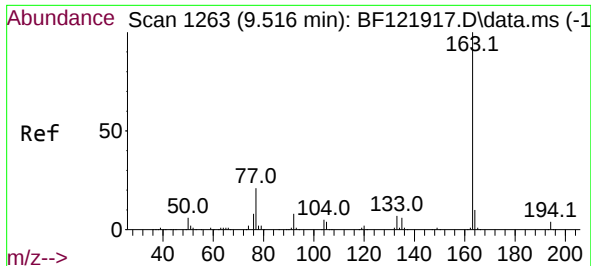
Tgt Ion: 330 Resp: 223751
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 30.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.46 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

Tgt Ion: 172 Resp: 903263
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.0 19.8 29.6

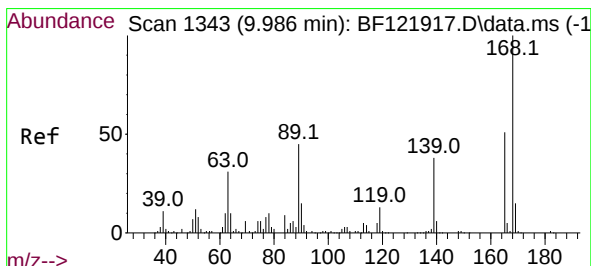
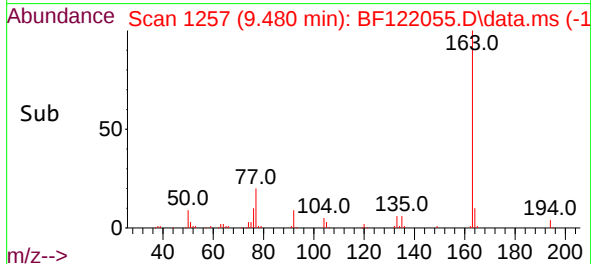
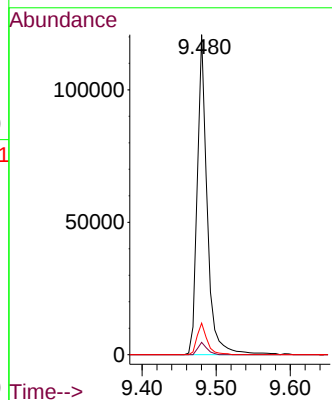
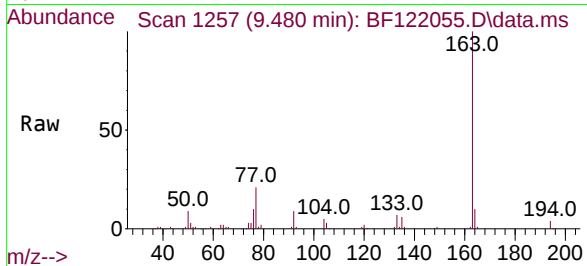




#50
Dimethylphthalate
Concen: 7.22 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

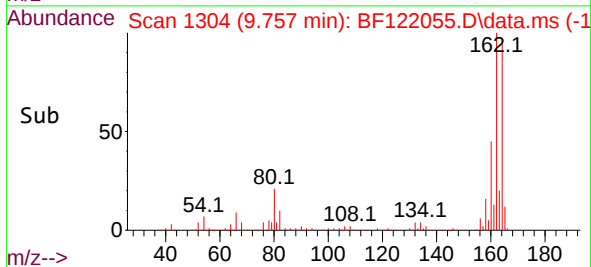
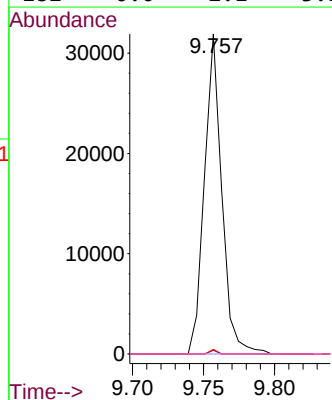
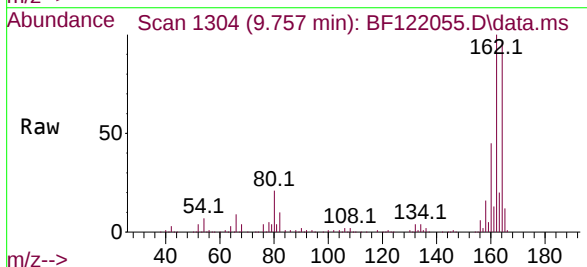
Instrument :
BNA_F
ClientSampleId :
72-11977

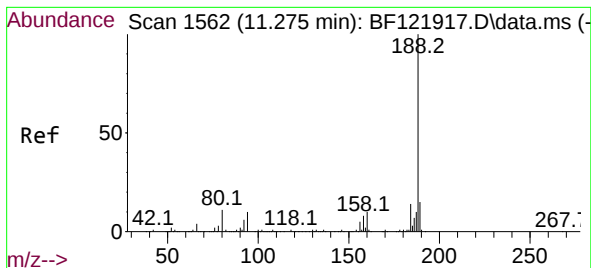
Tgt Ion:163 Resp: 112276
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

Tgt Ion:165 Resp: 27215
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

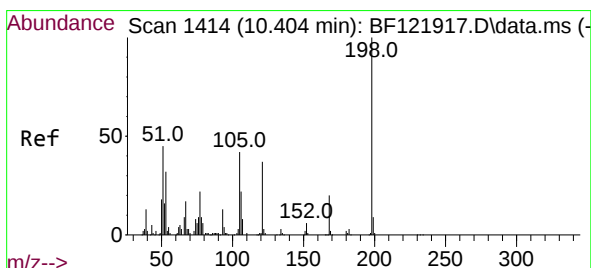
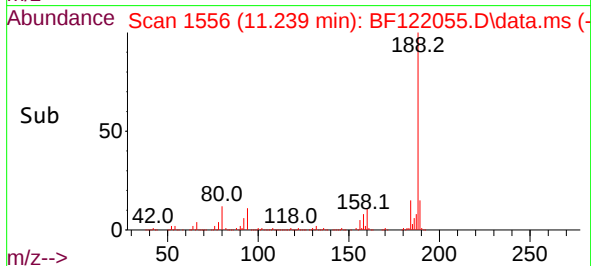
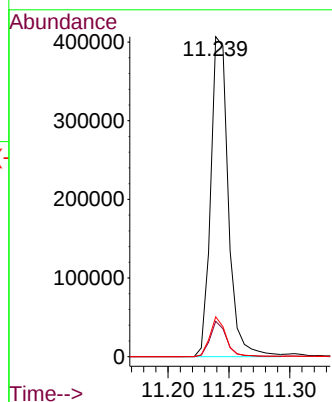
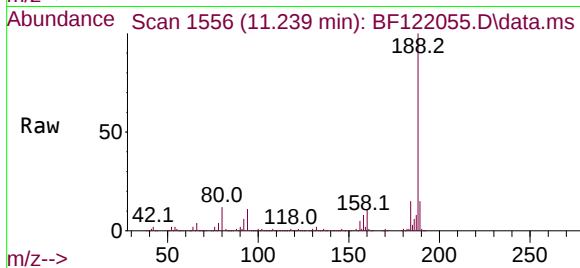




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

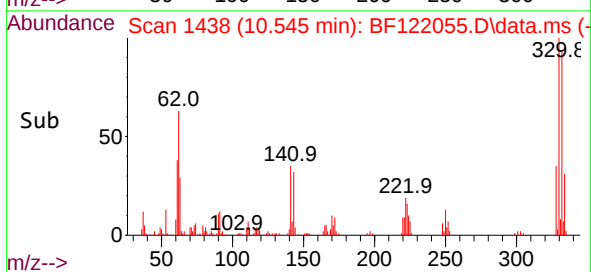
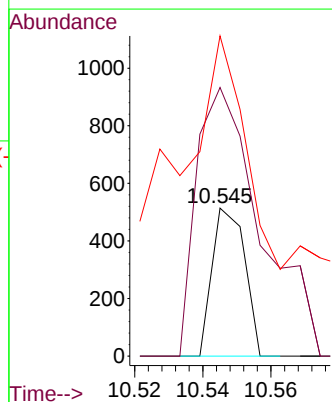
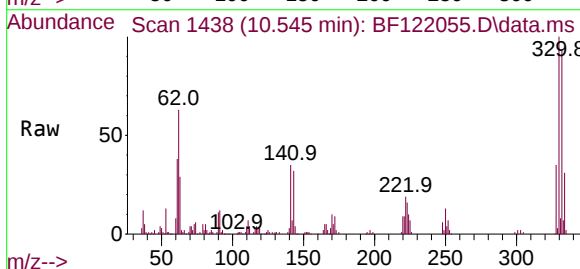
Instrument :
BNA_F
ClientSampleId :
72-11977

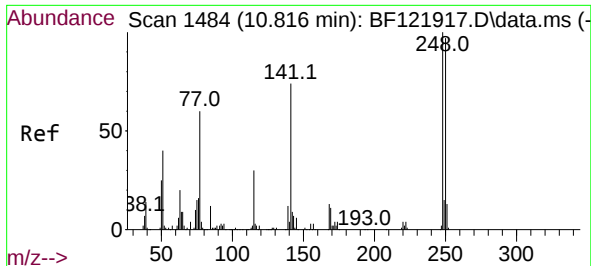
Tgt Ion:188 Resp: 408966
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 12.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.159 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

Tgt Ion:198 Resp: 340
Ion Ratio Lower Upper
198 100
51 181.5 29.6 69.6#
105 216.3 24.4 64.4#

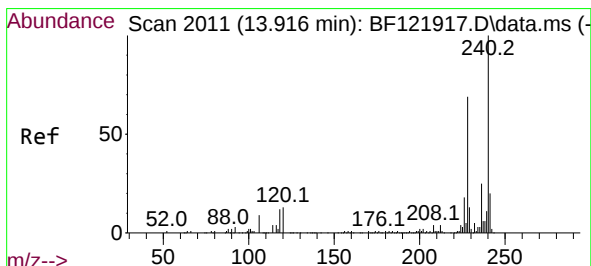
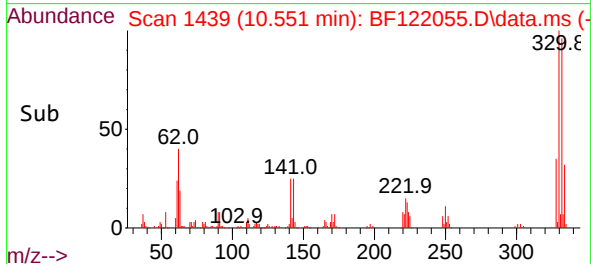
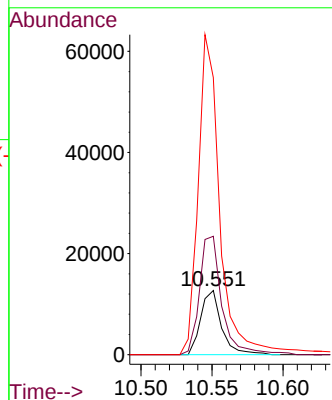
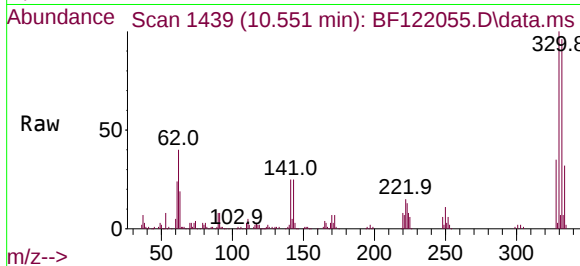




#67
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

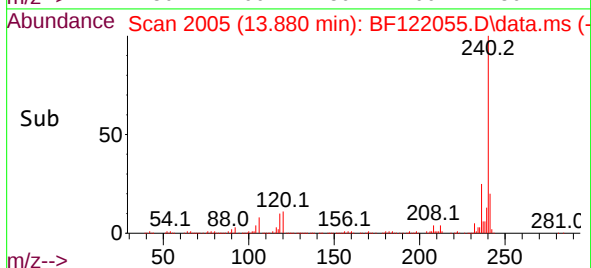
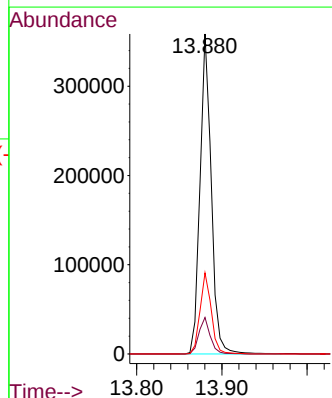
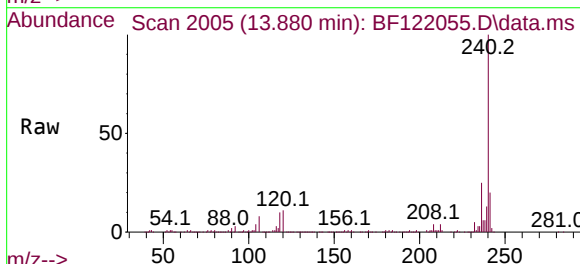
Instrument :
BNA_F
ClientSampleId :
72-11977

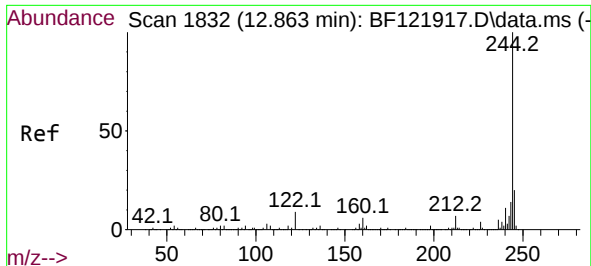
Tgt Ion:248 Resp: 12963
Ion Ratio Lower Upper
248 100
250 184.3 77.0 115.6#
141 431.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

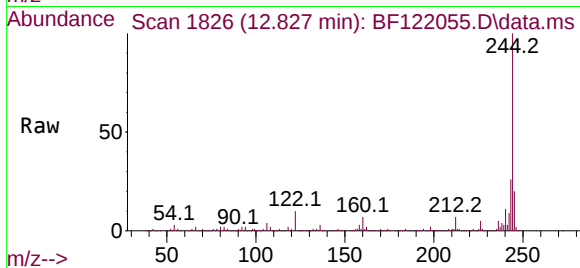
Tgt Ion:240 Resp: 328476
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.3 20.9 31.3



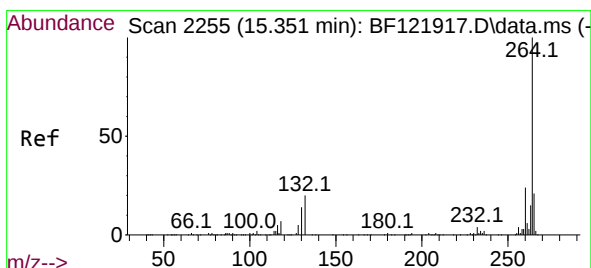
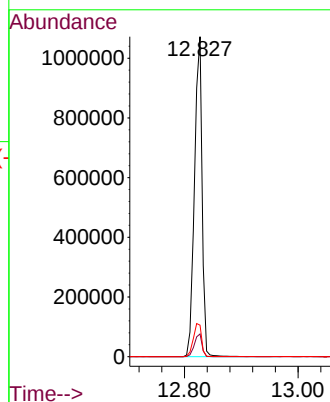
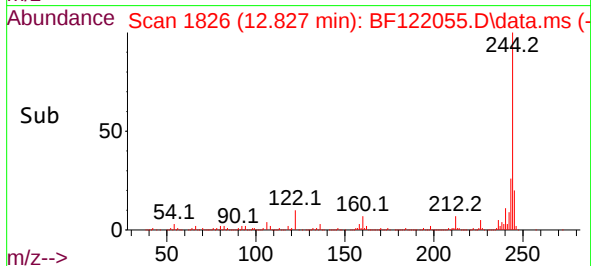


#79
Terphenyl-d14
Concen: 58.04 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11

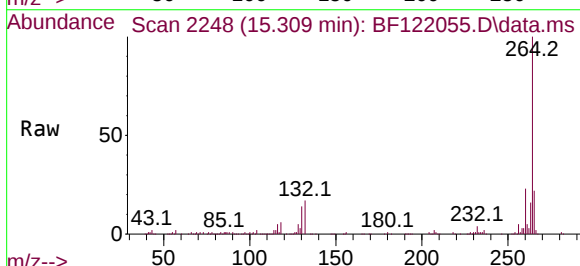
Instrument :
BNA_F
ClientSampleId :
72-11977



Tgt Ion:244 Resp: 1000304
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.9 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.309 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BF122055.D
Acq: 21 Oct 2020 15:11



Tgt Ion:264 Resp: 256260
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.6 17.3 25.9

