

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122399.D
 Acq On : 20 Nov 2020 12:57
 Operator : JU/CG
 Sample : PB133132BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133132BL

Quant Time: Nov 20 13:28:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

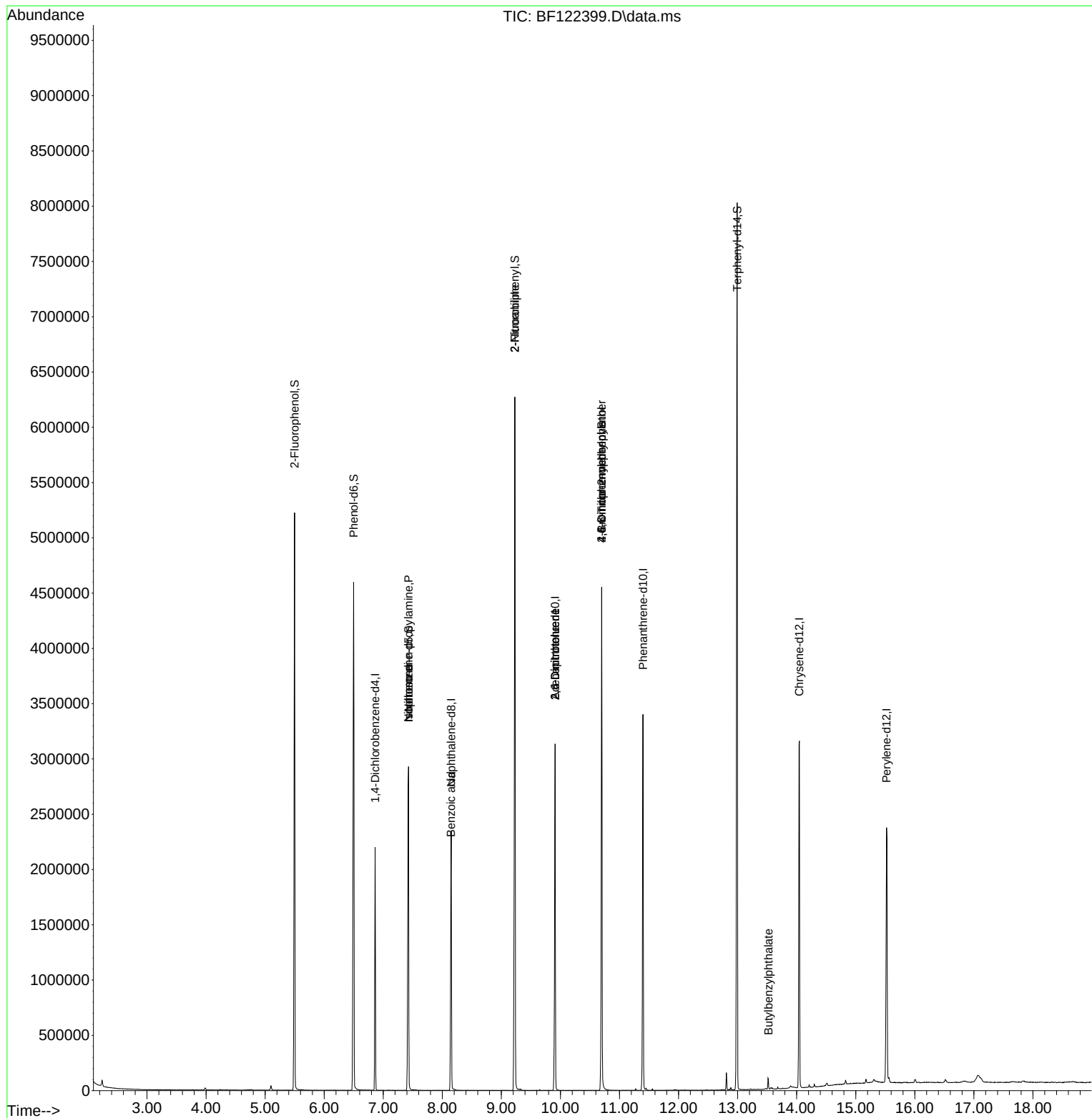
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	303165	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1187896	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	667145	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	1272294	20.00	ng	0.00
76) Chrysene-d12	14.045	240	1174454	20.00	ng	0.00
86) Perylene-d12	15.521	264	1154545	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1433589	72.61	ng	0.00
7) Phenol-d6	6.498	99	1853111	71.75	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1141702	58.84	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	620098	86.60	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2221965	52.04	ng	0.00
79) Terphenyl-d14	12.992	244	2687308	48.47	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	2817	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	154424	10.00	ng	# 74
25) Isophorone	7.428	82	1132011	26.17	ng	# 67
32) Benzoic acid	8.145	122	113	7.97	ng	# 1
48) 2-Nitroaniline	9.227	65	3320	5.40	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	86250	11.34	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	86250	10.57	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1052	6.38	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	39752	2.66	ng	# 1
80) Butylbenzylphthalate	13.521	149	272	3.30	ng	# 21

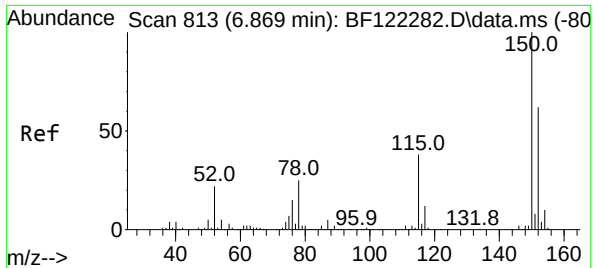
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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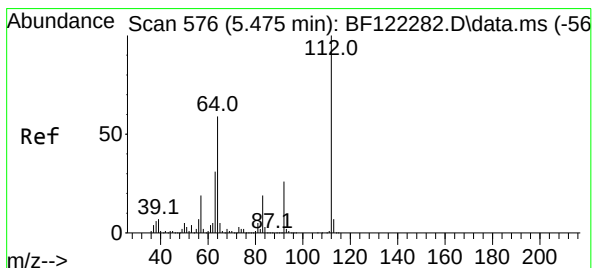
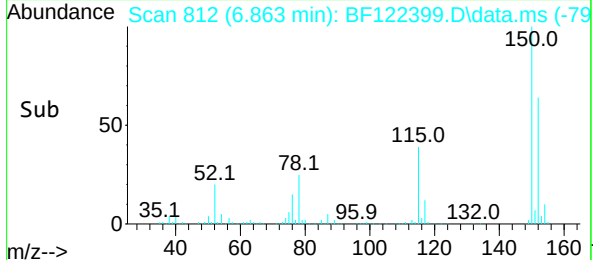
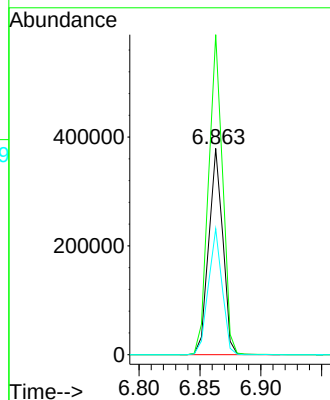
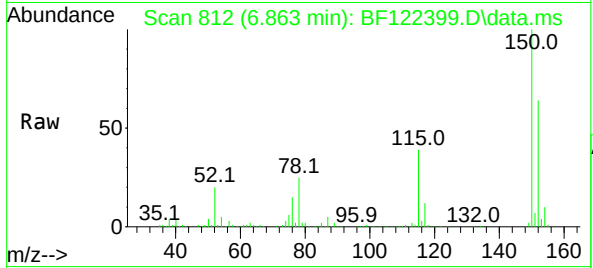




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

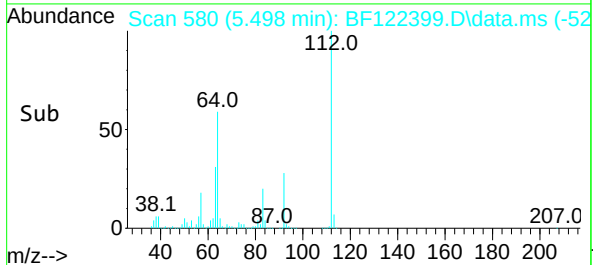
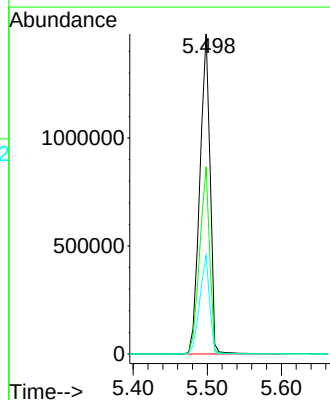
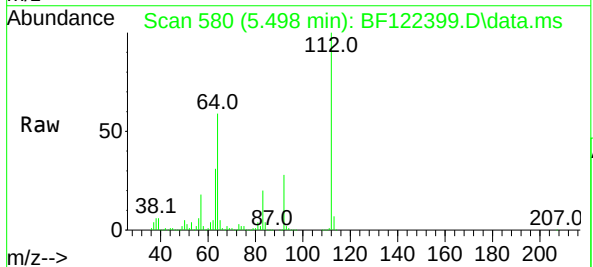
Instrument :
BNA_F
ClientSampleId :
PB133132BL

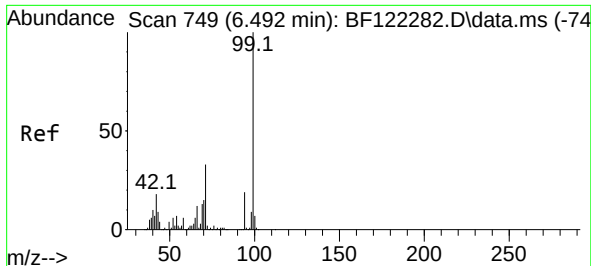
Tgt Ion:152 Resp: 303165
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 61.1 51.9 77.9



#5
2-Fluorophenol
Concen: 72.61 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion:112 Resp: 1433589
Ion Ratio Lower Upper
112 100
64 58.5 50.4 75.6
63 30.8 25.8 38.6

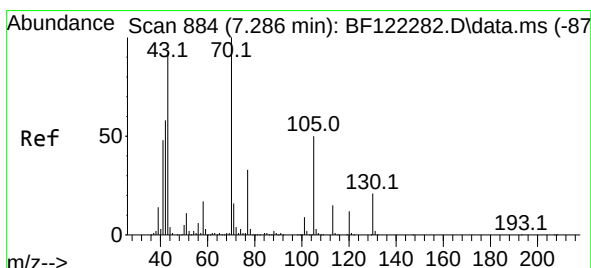
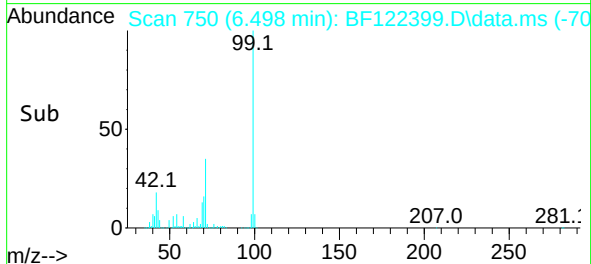
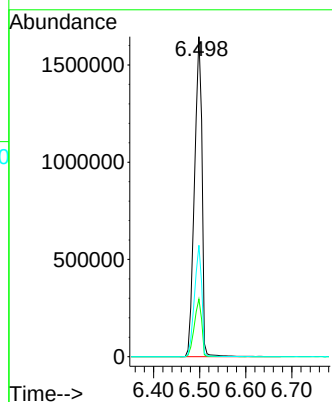
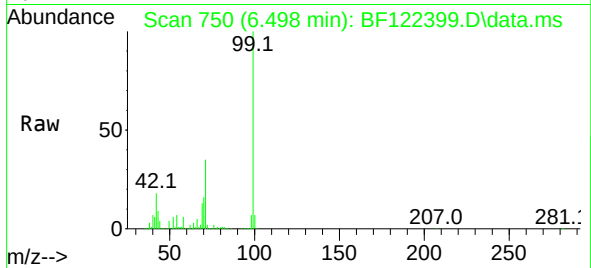




#7
Phenol-d6
Concen: 71.75 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

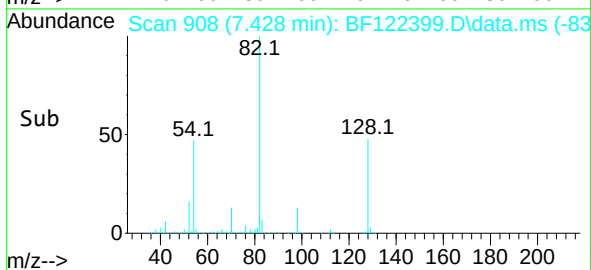
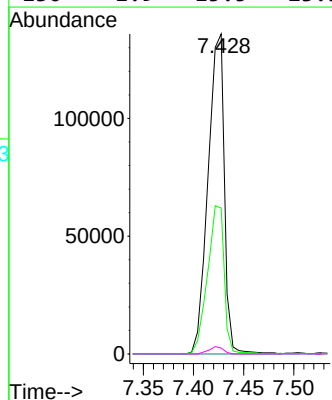
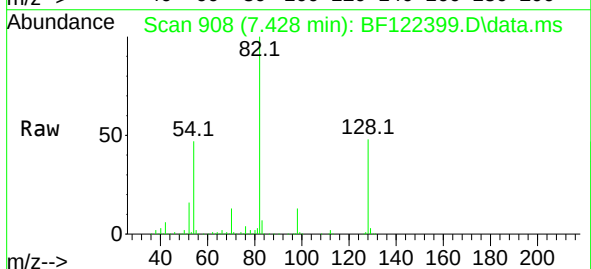
Instrument :
BNA_F
ClientSampleId :
PB133132BL

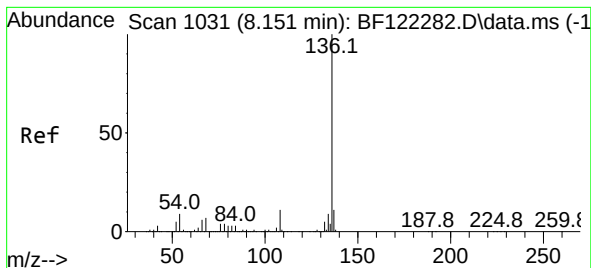
Tgt Ion: 99 Resp: 1853111
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 34.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.00 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion: 70 Resp: 154424
Ion Ratio Lower Upper
70 100
42 45.7 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



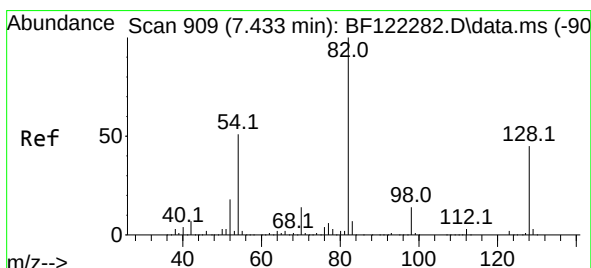
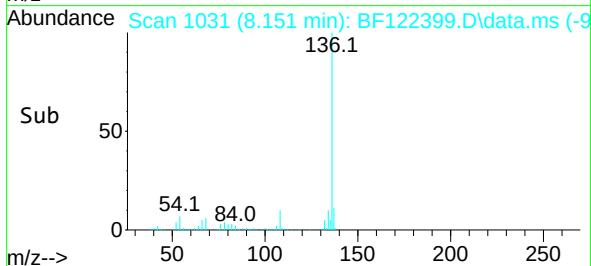
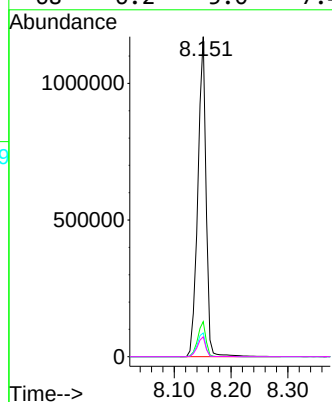
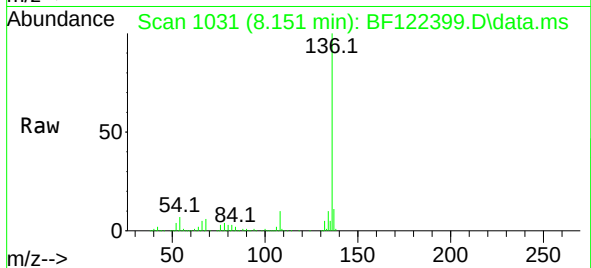


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Instrument :
BNA_F
ClientSampleId :
PB133132BL

Tgt Ion:136 Resp: 1187896

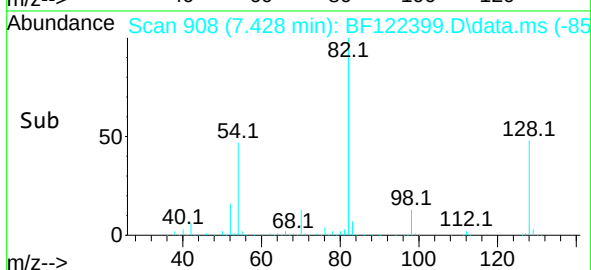
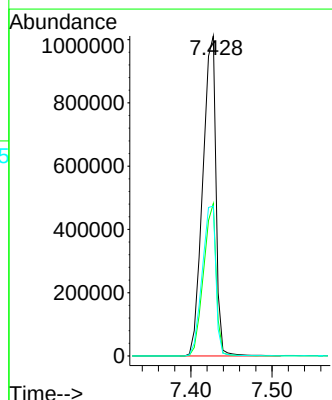
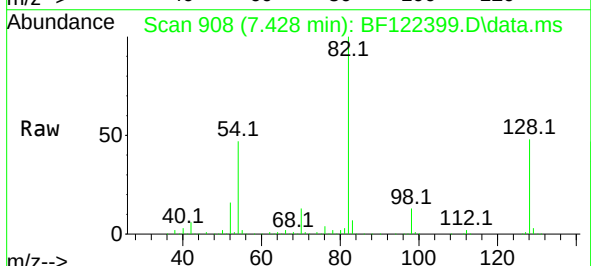
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	7.1	10.7
68	6.2	5.0	7.4

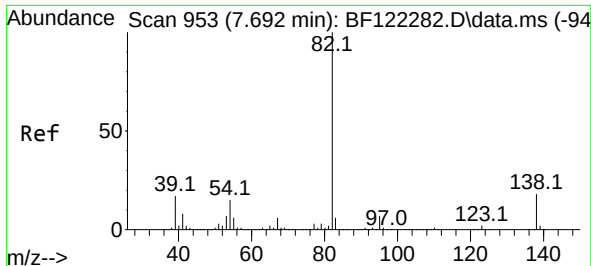


#23
Nitrobenzene-d5
Concen: 58.84 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion: 82 Resp: 1141702

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.0	52.4
54	46.9	43.9	65.9

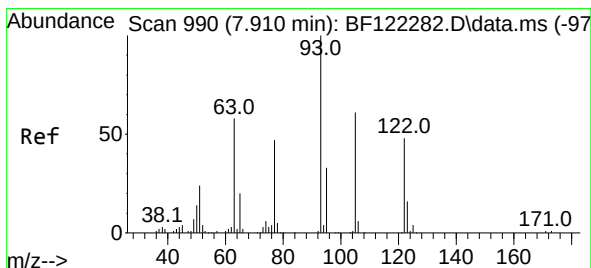
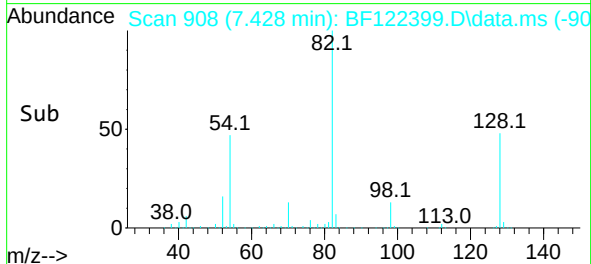
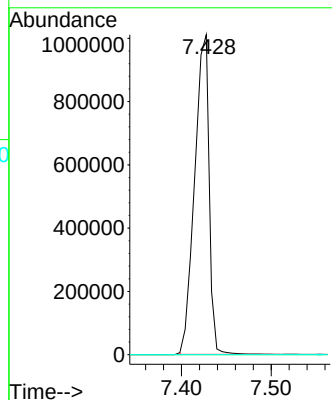
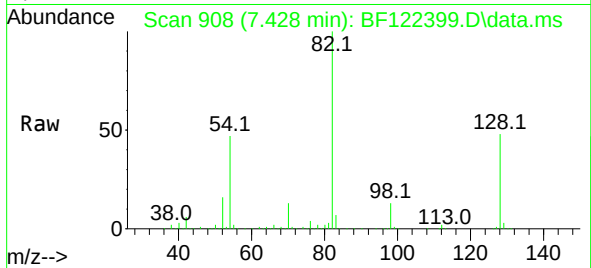




#25
Isophorone
Concen: 26.17 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

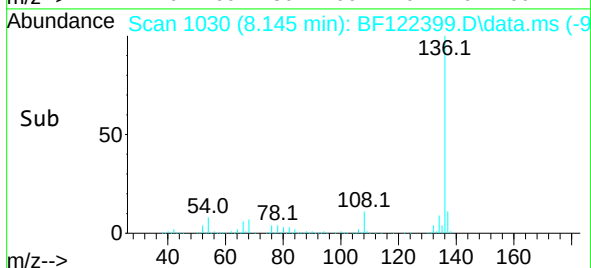
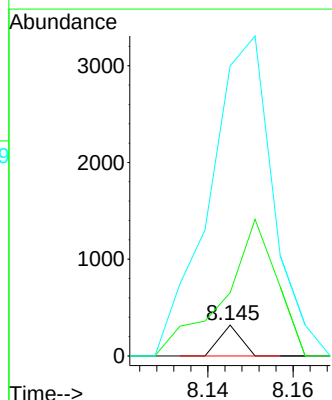
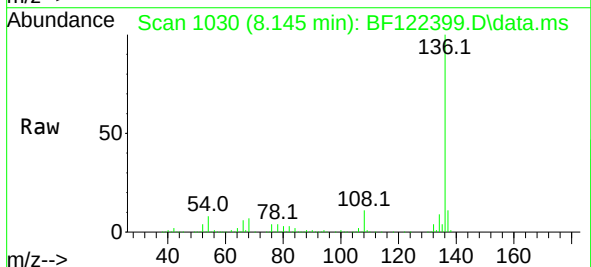
Instrument :
BNA_F
ClientSampleId :
PB133132BL

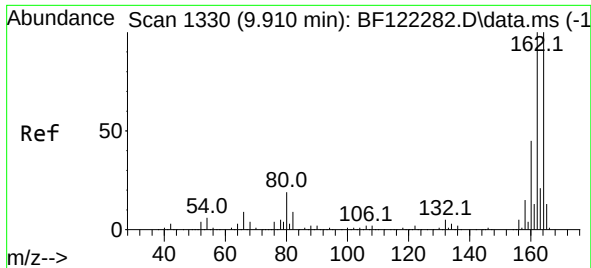
Tgt Ion: 82 Resp: 1132011
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.206 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 204.7 103.3 143.3#
77 939.8 73.9 113.9#

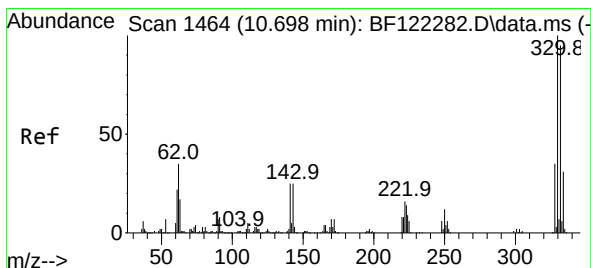
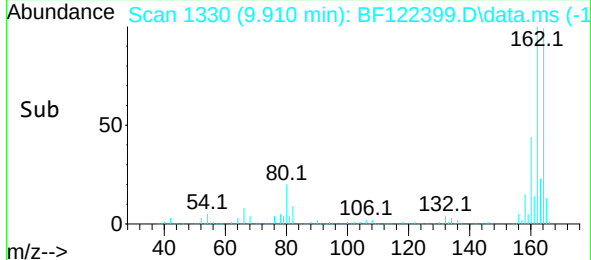
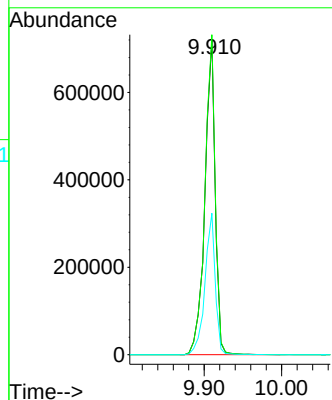
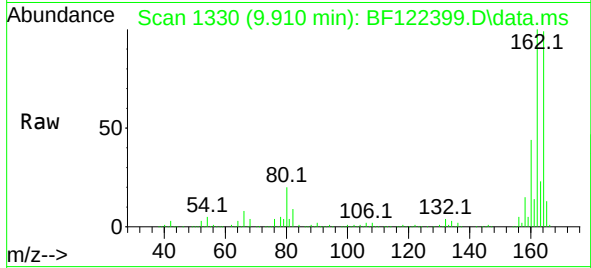




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

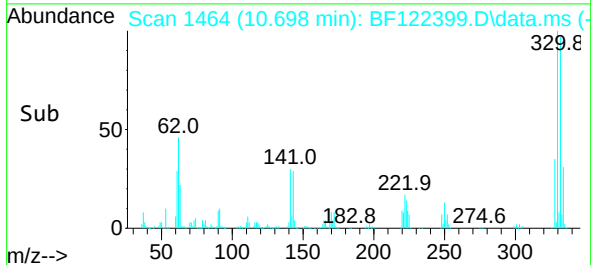
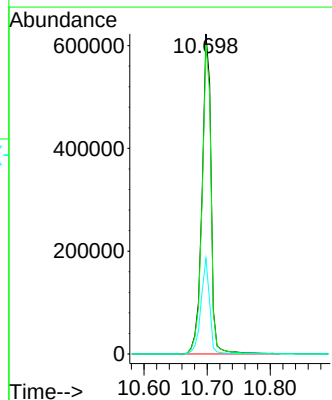
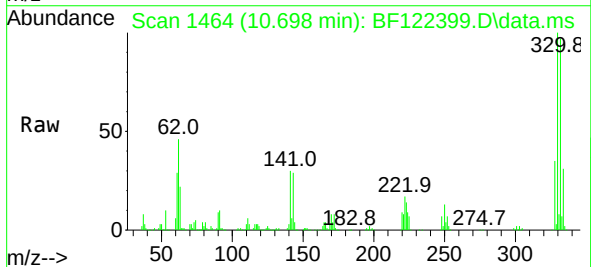
Instrument :
BNA_F
ClientSampleId :
PB133132BL

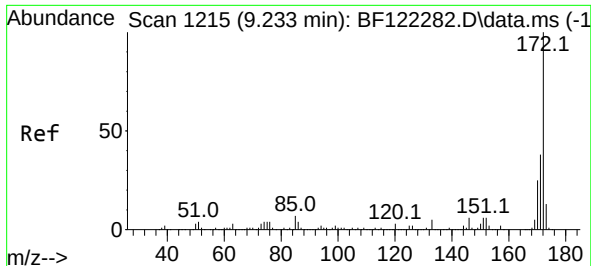
Tgt Ion:164	Resp: 667145		
Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.2	124.8
160	44.8	37.5	56.3



#42
2,4,6-Tribromophenol
Concen: 86.60 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion:330	Resp: 620098		
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	28.7	22.3	33.5

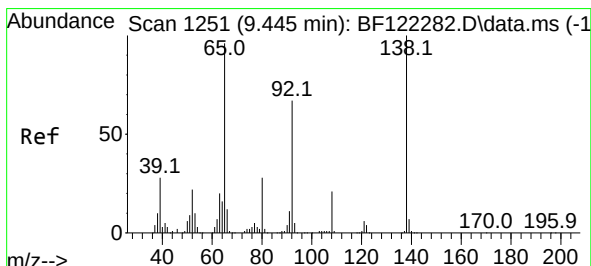
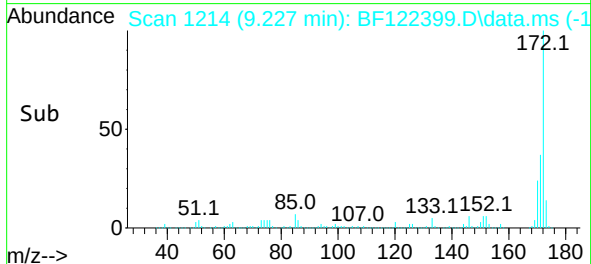
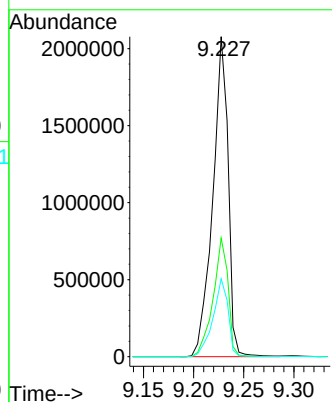
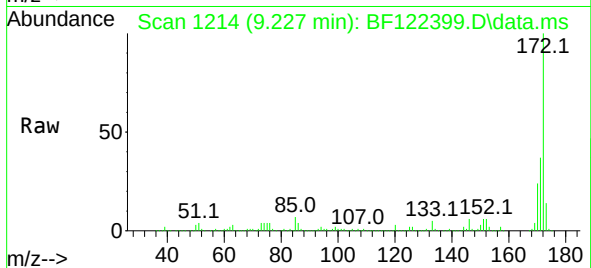




#45
2-Fluorobiphenyl
Concen: 52.04 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

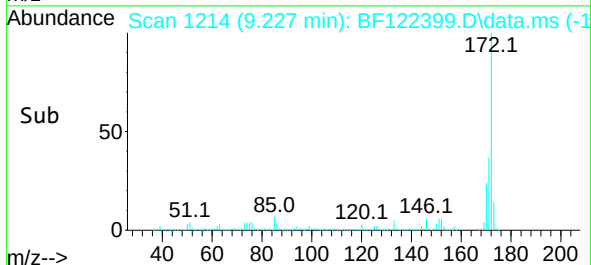
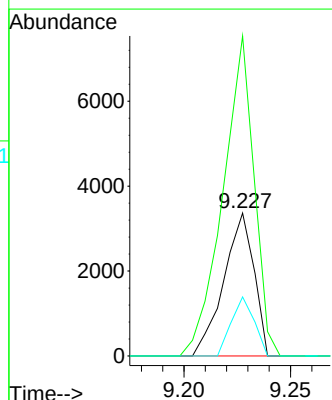
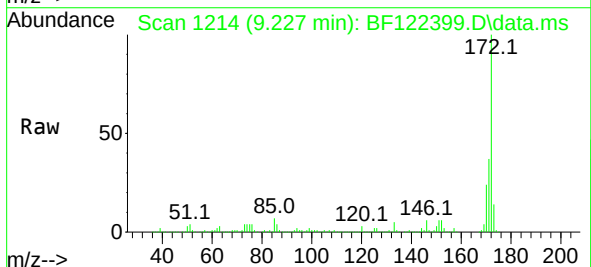
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ClientSampleId :
PB133132BL

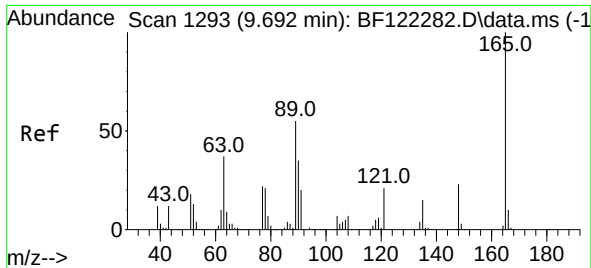
Tgt Ion:172 Resp: 2221965
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.4 19.8 29.6



#48
2-Nitroaniline
Concen: 5.40 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.230 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion: 65 Resp: 3320
Ion Ratio Lower Upper
65 100
92 224.0 55.1 82.7#
138 41.4 80.5 120.7#

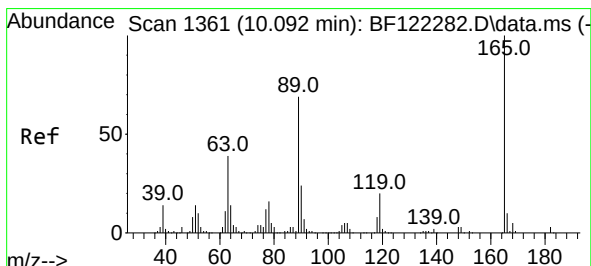
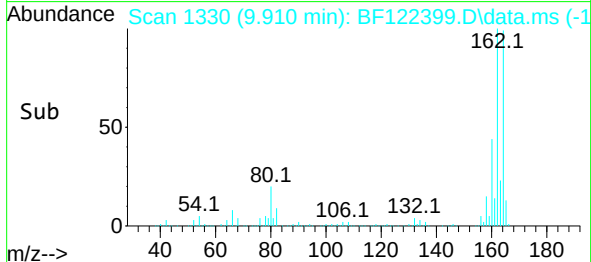
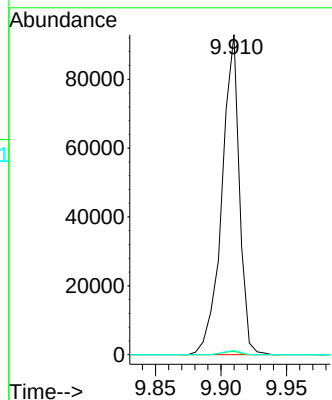
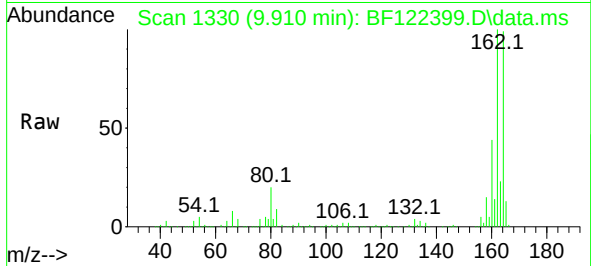




#51
2,6-Dinitrotoluene
Concen: 11.34 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

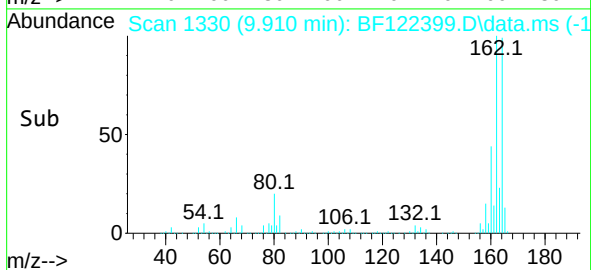
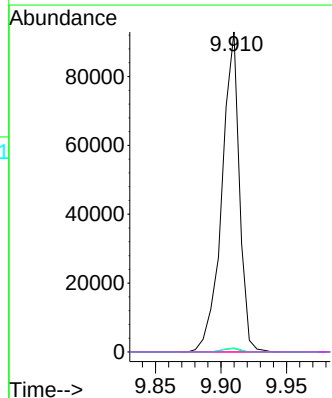
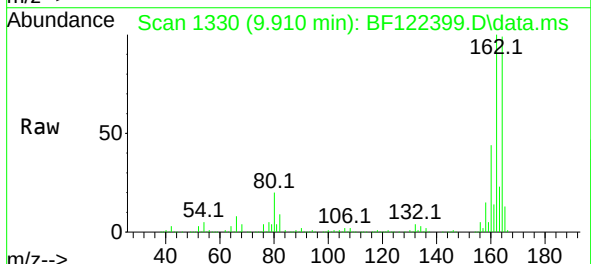
Instrument :
BNA_F
ClientSampleId :
PB133132BL

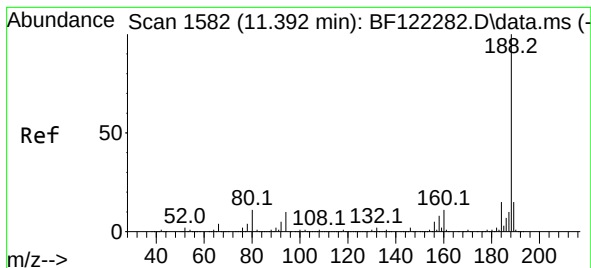
Tgt Ion:165 Resp: 86250
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.57 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion:165 Resp: 86250
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

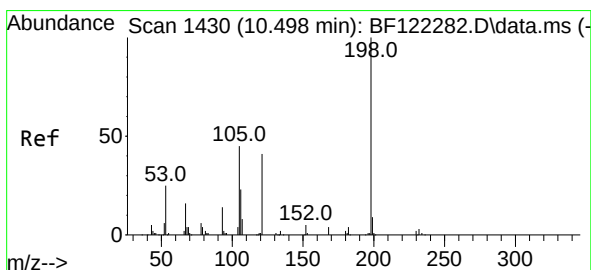
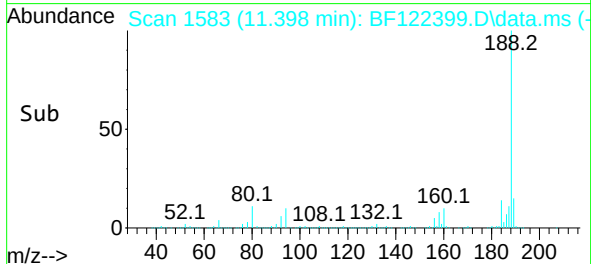
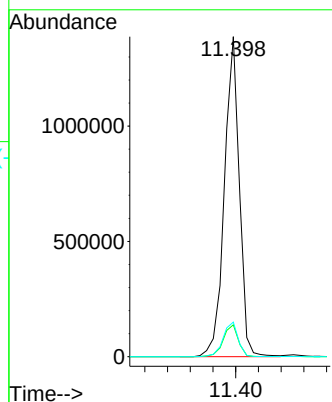
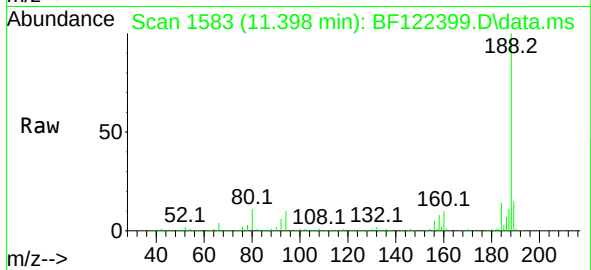




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

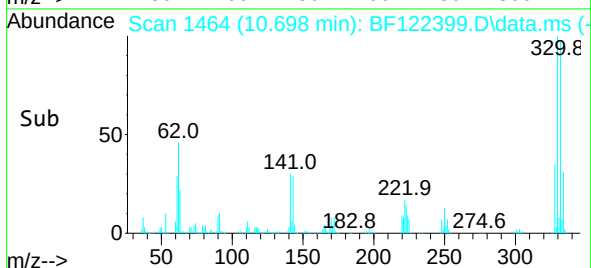
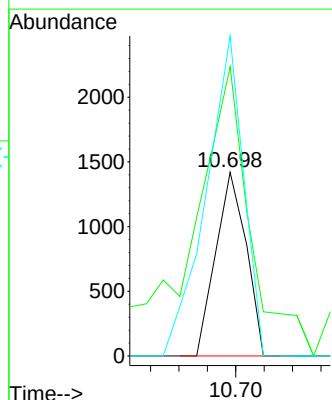
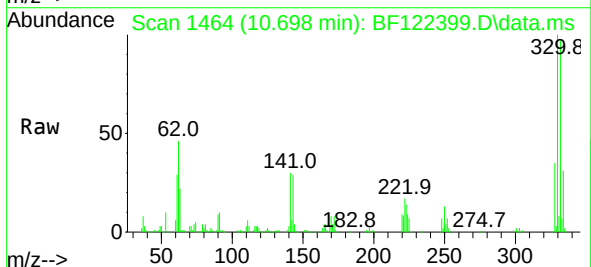
Instrument :
BNA_F
ClientSampleId :
PB133132BL

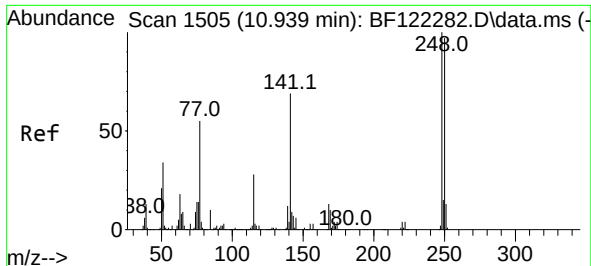
Tgt Ion:188 Resp: 1272294
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.38 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Tgt Ion:198 Resp: 1052
Ion Ratio Lower Upper
198 100
51 157.5 29.6 69.6#
105 174.2 24.4 64.4#

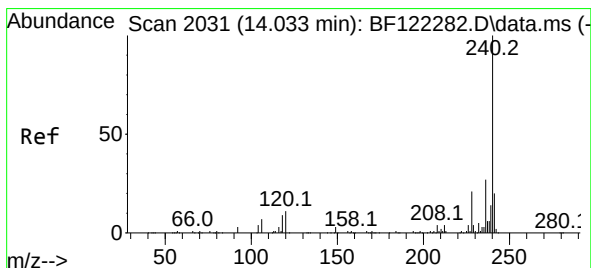
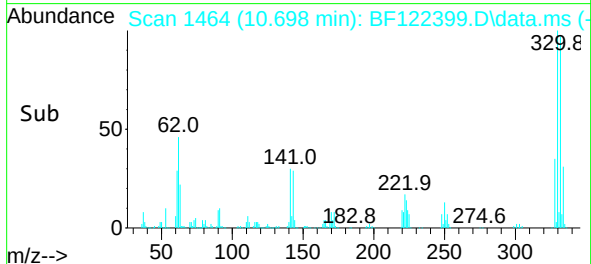
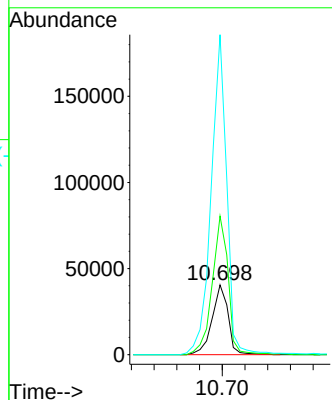
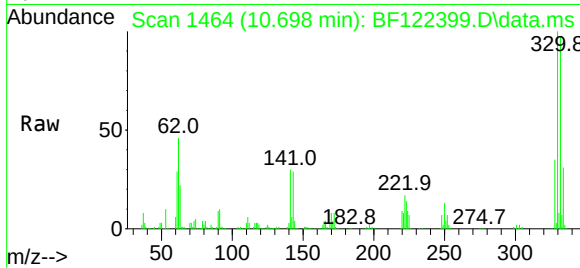




#67
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

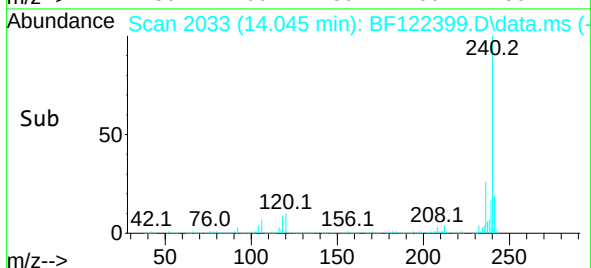
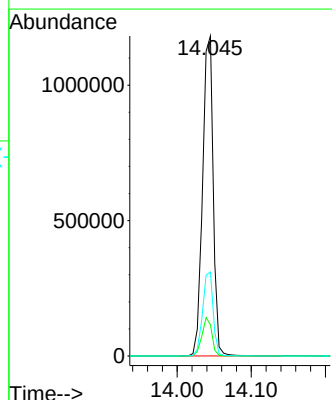
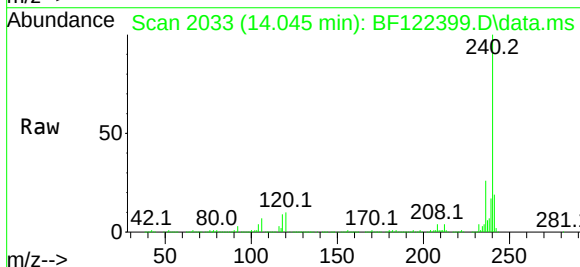
Instrument :
BNA_F
ClientSampled :
PB133132BL

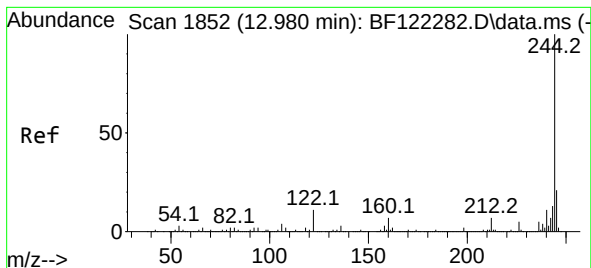
Tgt Ion:248 Resp: 39752
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.6#
141 458.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

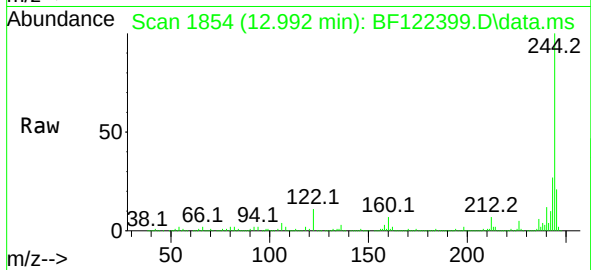
Tgt Ion:240 Resp: 1174454
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 26.3 20.9 31.3



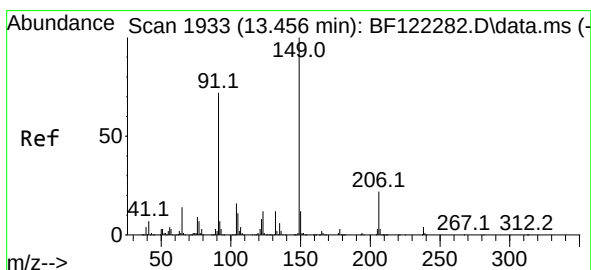
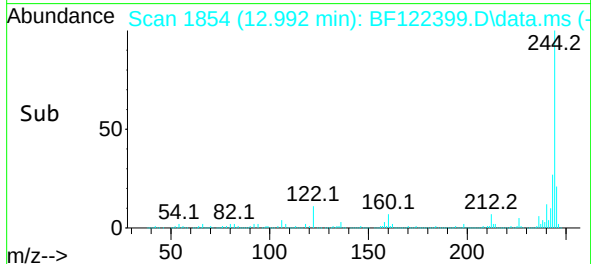
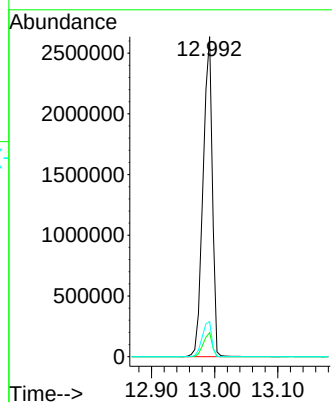


#79
 Terphenyl-d14
 Concen: 48.47 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF122399.D
 Acq: 20 Nov 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB133132BL

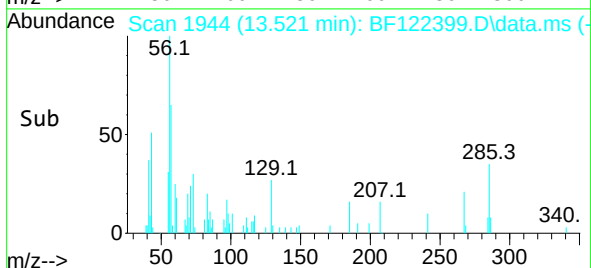
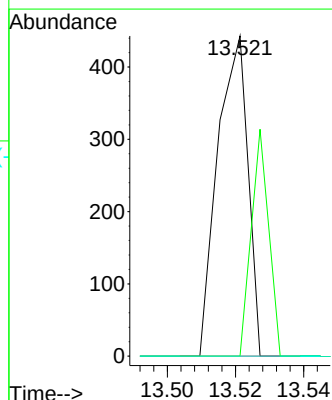
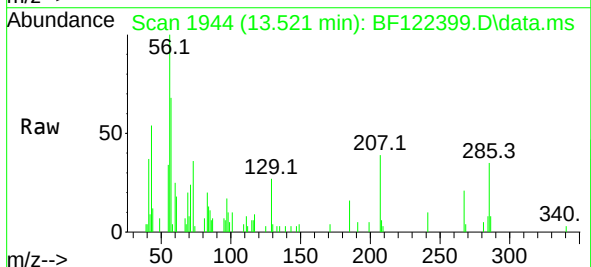


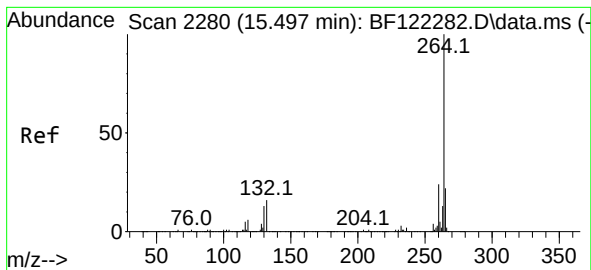
Tgt Ion:244 Resp: 2687308
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.0 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.30 ng
 RT: 13.521 min Scan# 1944
 Delta R.T. 0.053 min
 Lab File: BF122399.D
 Acq: 20 Nov 2020 12:57

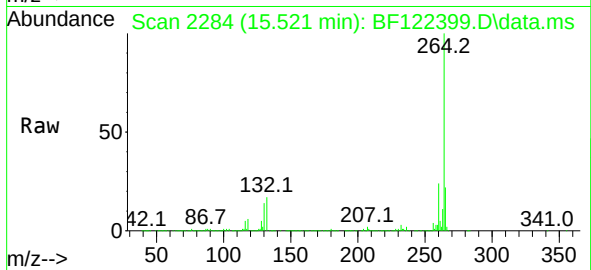
Tgt Ion:149 Resp: 272
 Ion Ratio Lower Upper
 149 100
 91 0.0 61.0 91.4#
 206 0.0 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122399.D
Acq: 20 Nov 2020 12:57

Instrument :
BNA_F
ClientSampleId :
PB133132BL



Tgt Ion:264 Resp: 1154545
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.4 17.3 25.9

