

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122362.D
 Acq On : 18 Nov 2020 12:00
 Operator : JU/CG
 Sample : PB133056BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133056BL

Quant Time: Nov 18 12:49:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

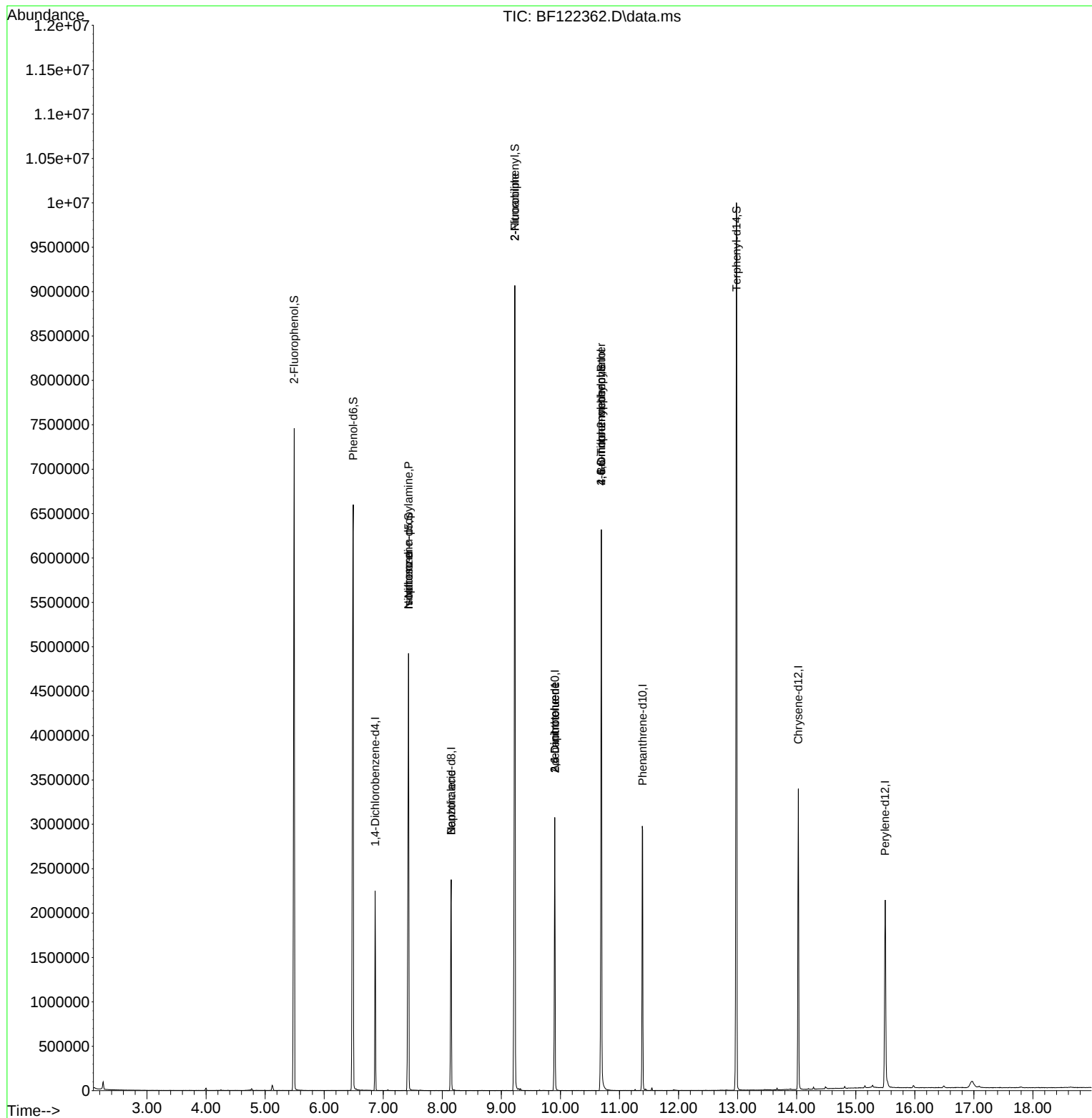
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	304135	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1180481	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	632750	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1194188	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1128344	20.00	ng	0.00
86) Perylene-d12	15.498	264	1089877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2319358	117.10	ng	0.02
7) Phenol-d6	6.492	99	2959462	114.21	ng	0.00
23) Nitrobenzene-d5	7.428	82	1876702	97.33	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	922269	135.80	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	3254550	80.36	ng	0.00
79) Terphenyl-d14	12.980	244	3743501	70.29	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	4309	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	256006	16.53	ng	# 75
25) Isophorone	7.428	82	1821591	42.37	ng	# 67
32) Benzoic acid	8.151	122	161	7.97	ng	# 1
48) 2-Nitroaniline	9.228	65	5553	5.58	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	83314	11.48	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	83314	10.67	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1848	6.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	58923	4.20	ng	# 1

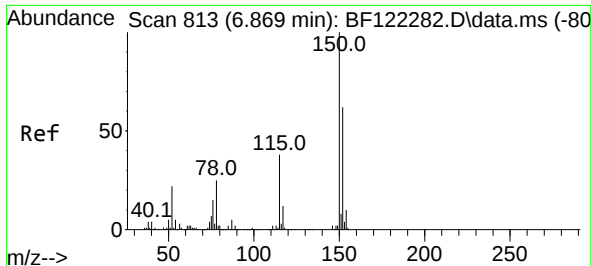
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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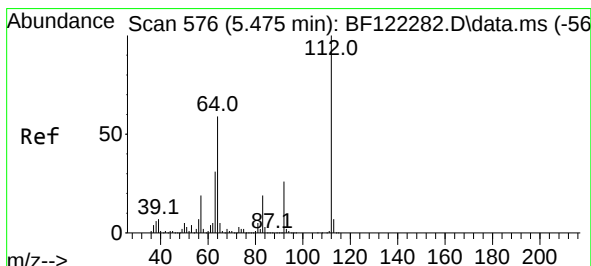
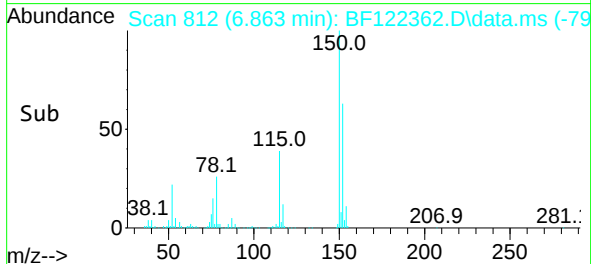
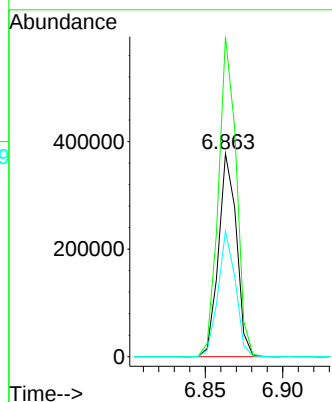
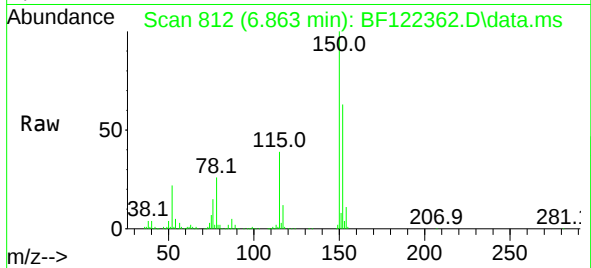




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

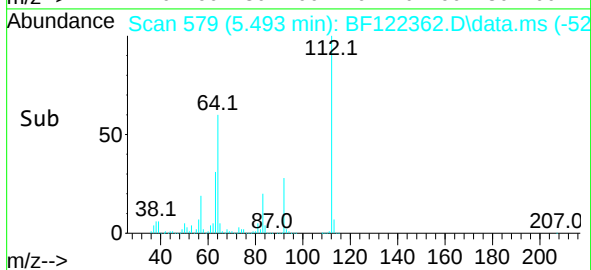
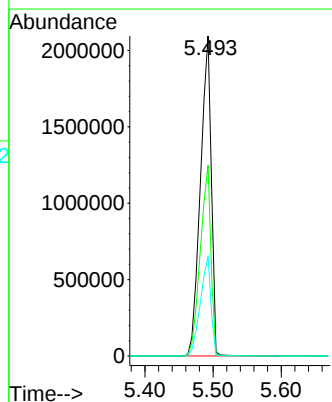
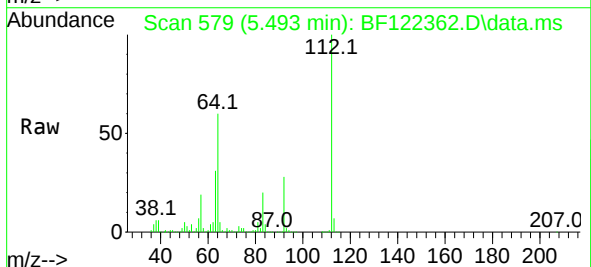
Instrument :
BNA_F
ClientSampleId :
PB133056BL

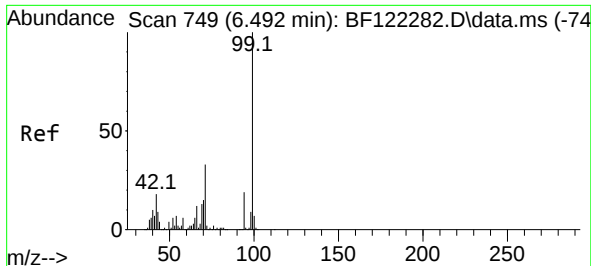
Tgt Ion:152 Resp: 304135
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 62.0 51.9 77.9



#5
2-Fluorophenol
Concen: 117.10 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion:112 Resp: 2319358
Ion Ratio Lower Upper
112 100
64 59.5 50.4 75.6
63 31.0 25.8 38.6



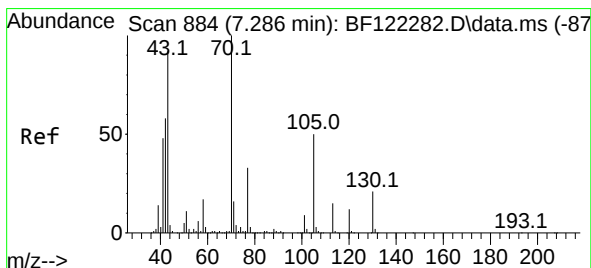
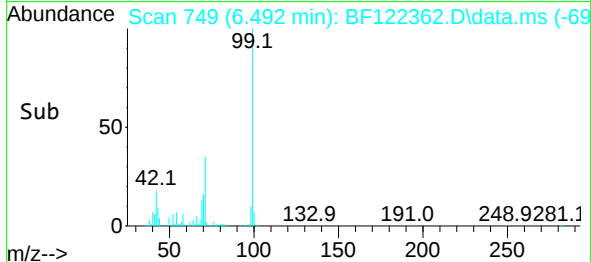
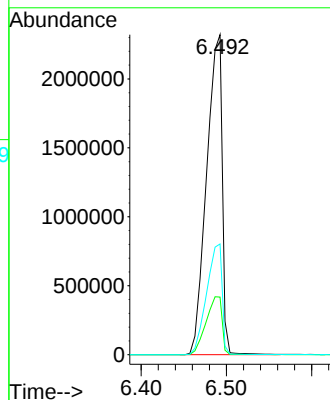
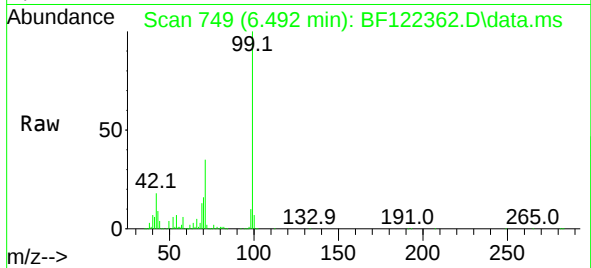


#7
Phenol-d6
Concen: 114.21 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Instrument :
BNA_F
ClientSampleId :
PB133056BL

Tgt Ion: 99 Resp: 2959462

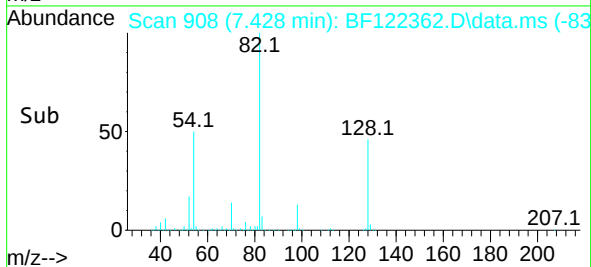
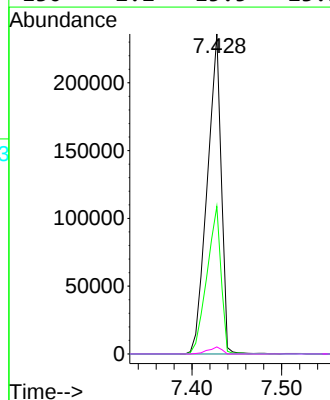
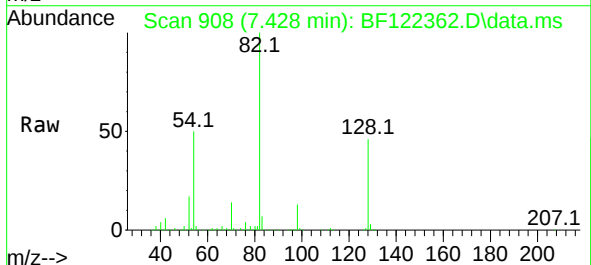
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.9	23.9
71	34.6	27.1	40.7

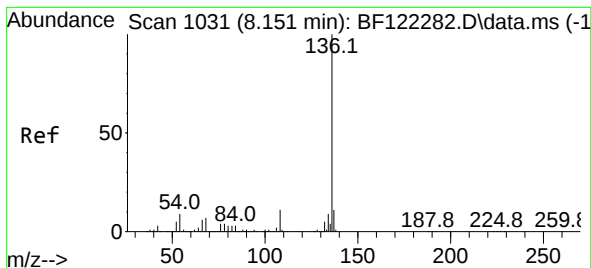


#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion: 70 Resp: 256006

Ion	Ratio	Lower	Upper
70	100		
42	46.1	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



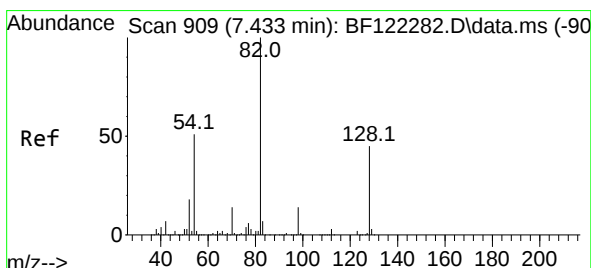
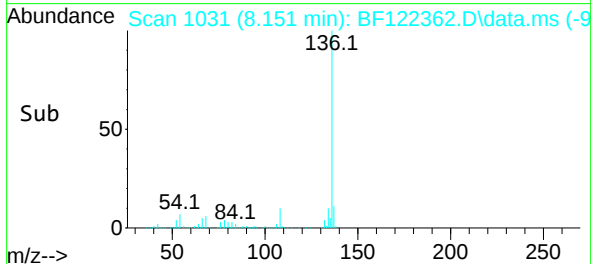
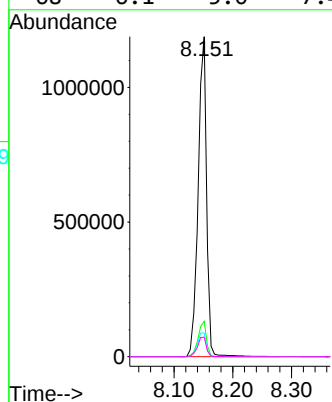
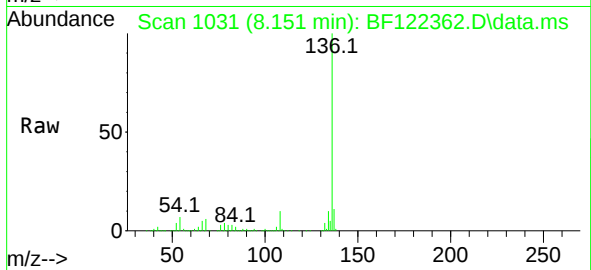


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Instrument :
BNA_F
ClientSampleId :
PB133056BL

Tgt Ion:136 Resp: 1180481

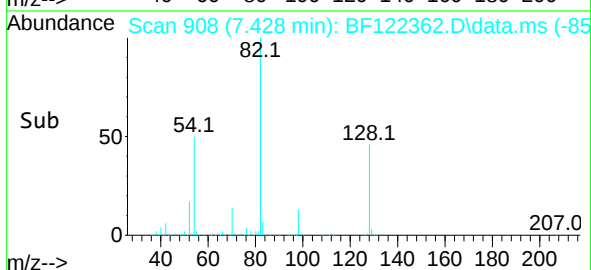
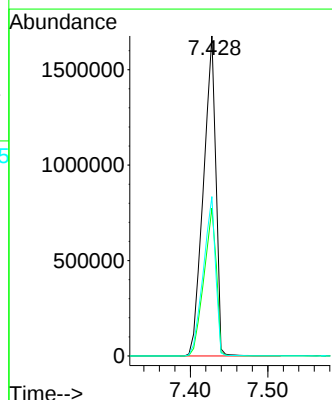
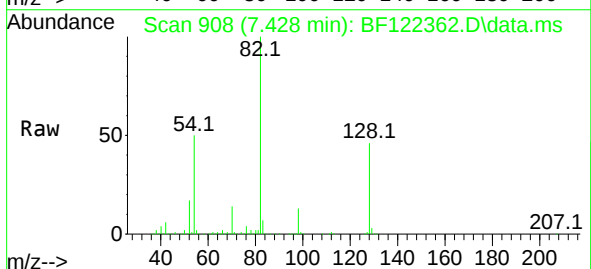
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	7.1	10.7
68	6.1	5.0	7.4

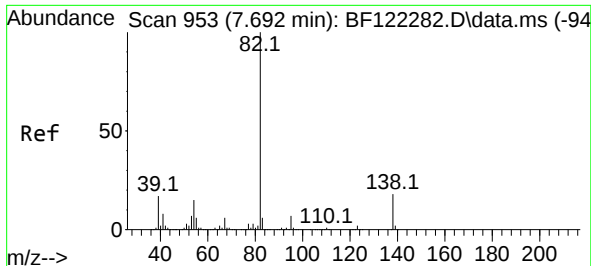


#23
Nitrobenzene-d5
Concen: 97.33 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion: 82 Resp: 1876702

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.0	52.4
54	49.8	43.9	65.9

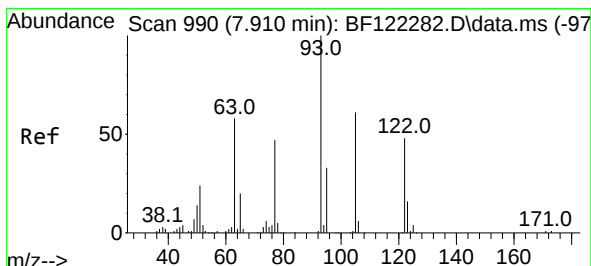
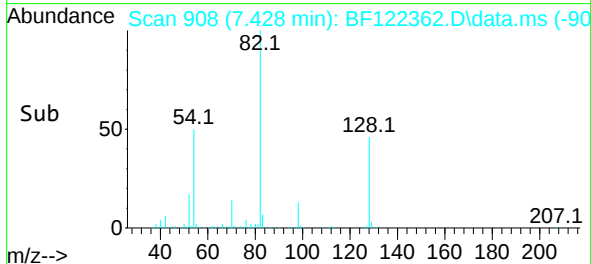
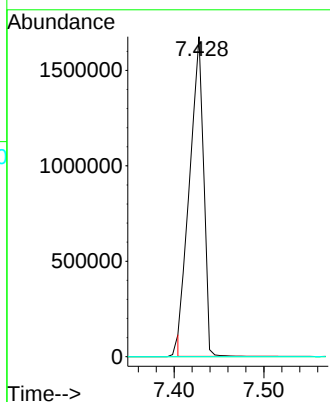
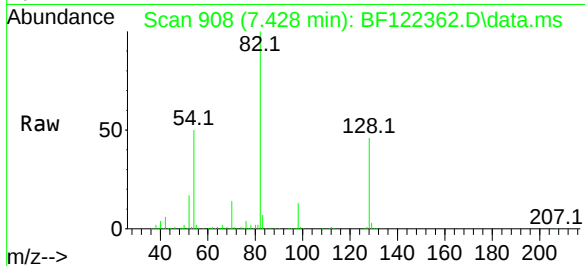




#25
Isophorone
Concen: 42.37 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

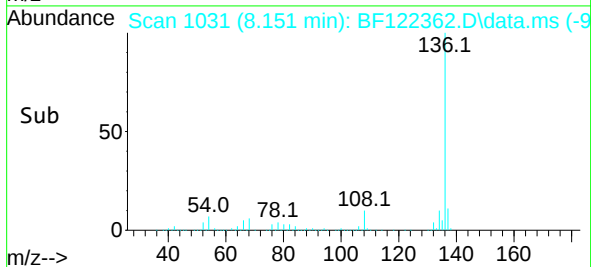
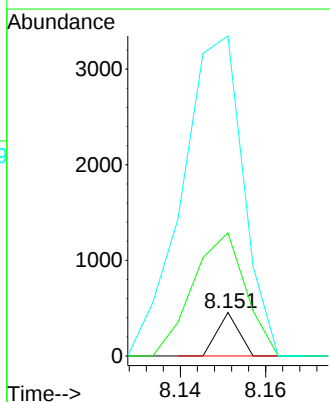
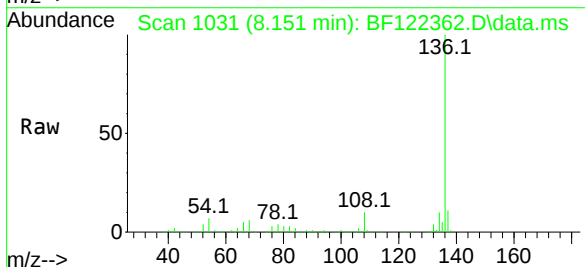
Instrument :
BNA_F
ClientSampleId :
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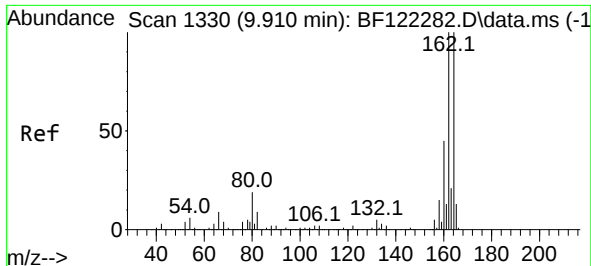
Tgt Ion: 82 Resp: 1821591
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.241 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion: 122 Resp: 161
Ion Ratio Lower Upper
122 100
105 283.3 103.3 143.3#
77 735.6 73.9 113.9#

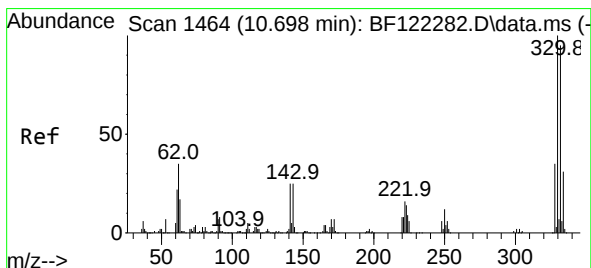
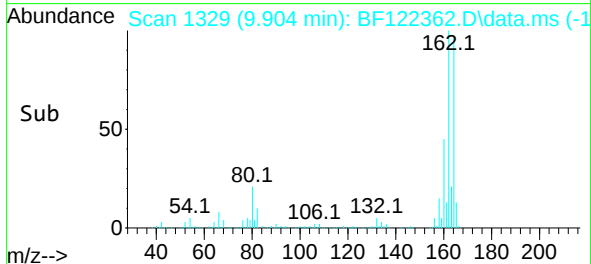
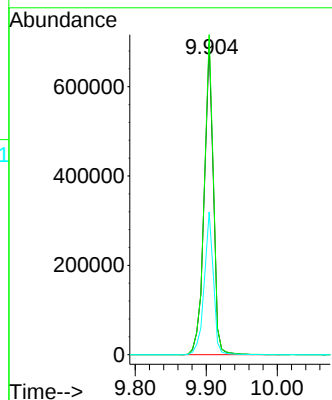
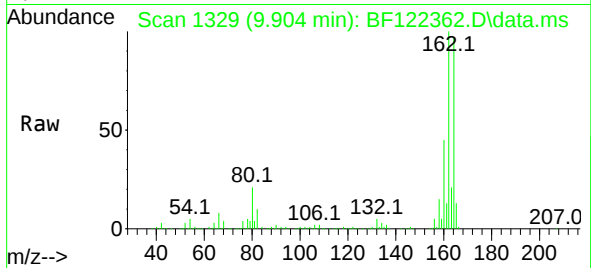




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

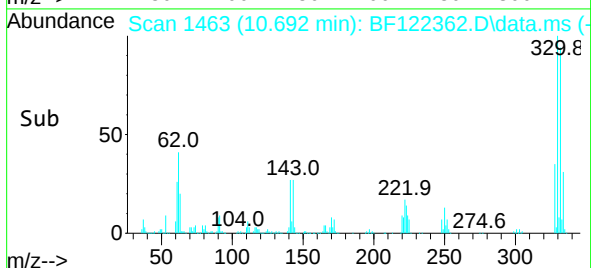
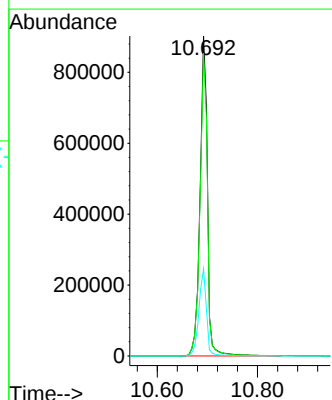
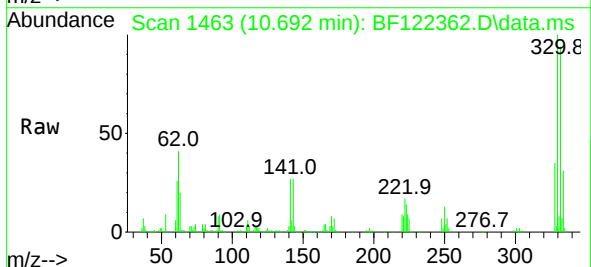
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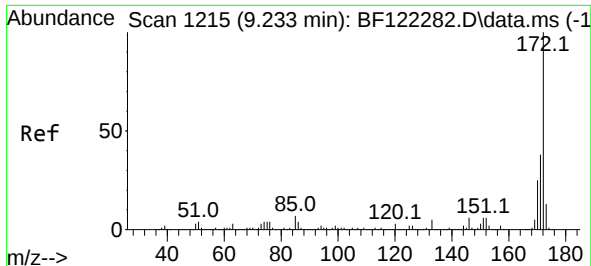
Tgt Ion:164 Resp: 632750
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 45.8 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 135.80 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion:330 Resp: 922269
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 28.0 22.3 33.5

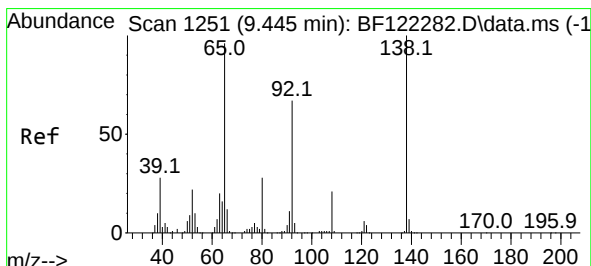
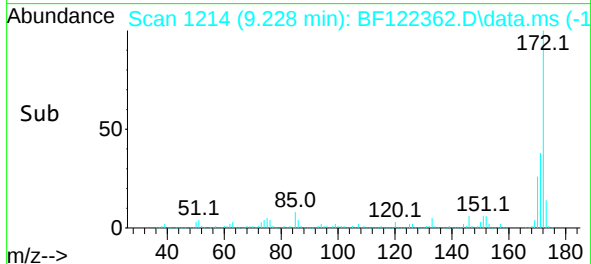
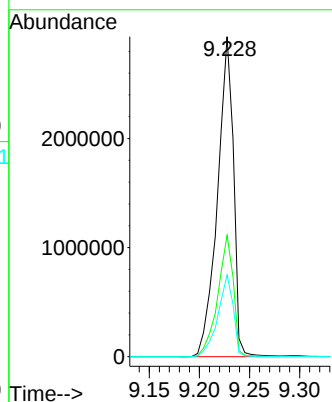
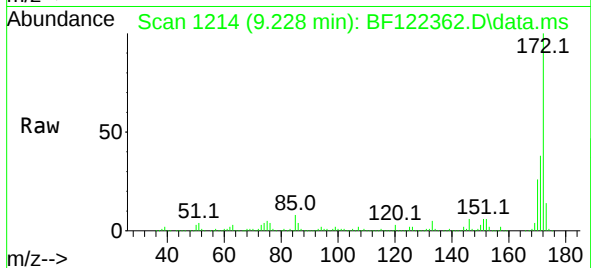




#45
2-Fluorobiphenyl
Concen: 80.36 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

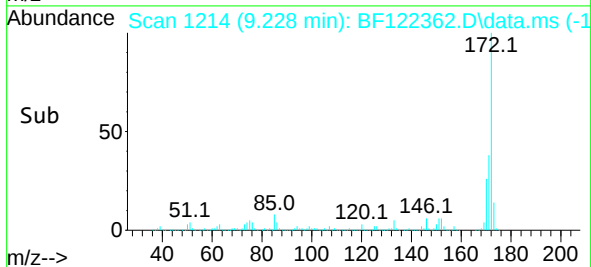
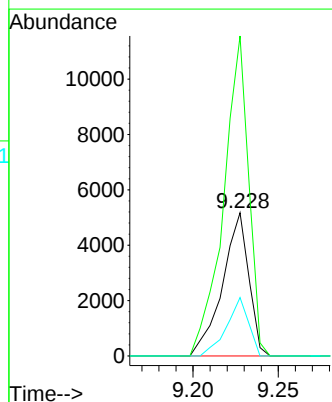
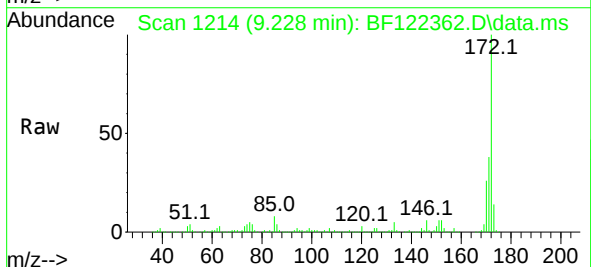
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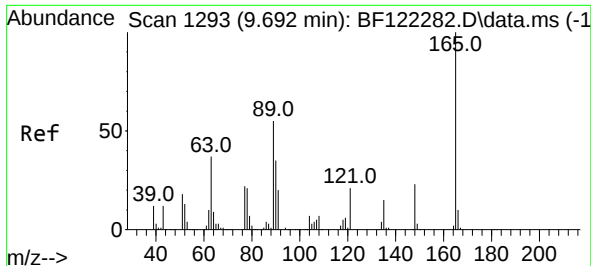
Tgt Ion:172 Resp: 3254550
Ion Ratio Lower Upper
172 100
171 37.9 29.1 43.7
170 25.6 19.8 29.6



#48
2-Nitroaniline
Concen: 5.58 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.217 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion: 65 Resp: 5553
Ion Ratio Lower Upper
65 100
92 223.5 55.1 82.7#
138 40.8 80.5 120.7#

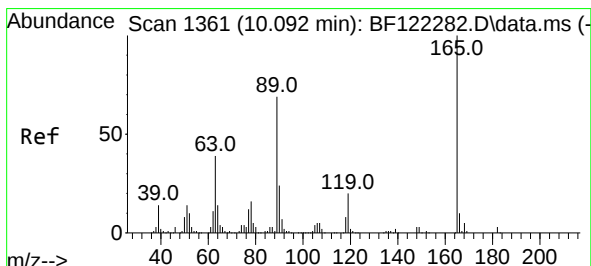
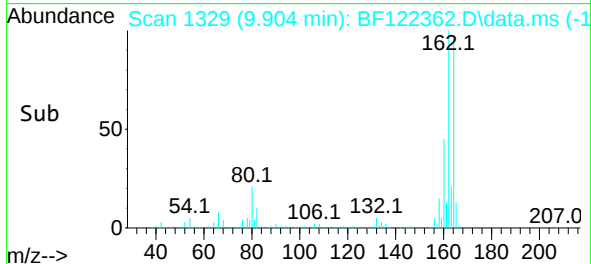
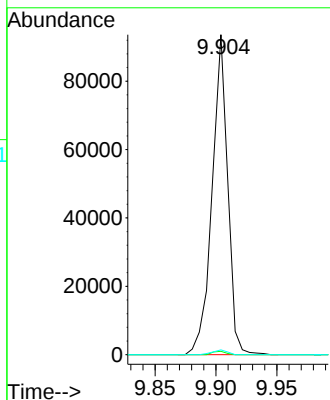
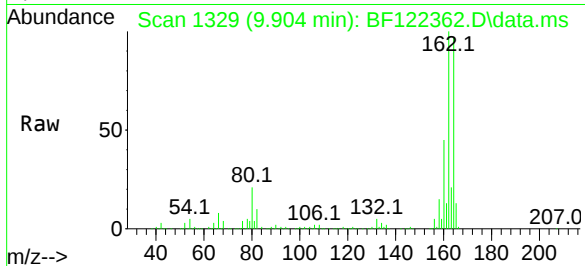




#51
2,6-Dinitrotoluene
Concen: 11.48 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

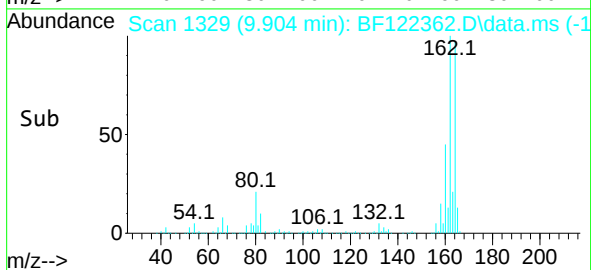
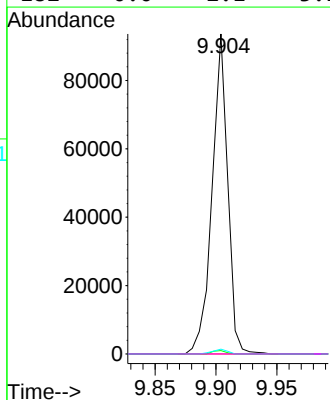
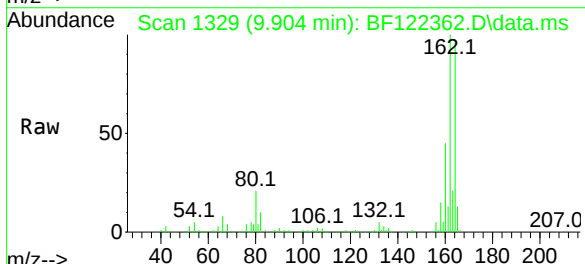
Instrument :
BNA_F
ClientSampleId :
PB133056BL

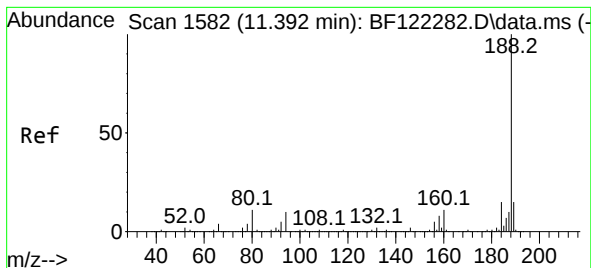
Tgt Ion:165 Resp: 83314
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.67 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion:165 Resp: 83314
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

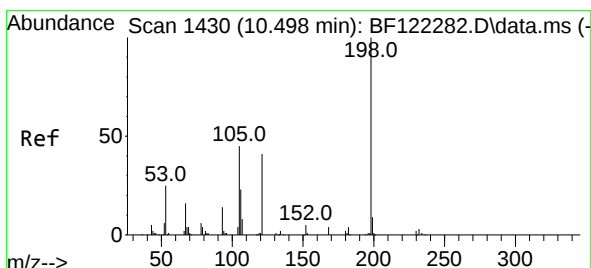
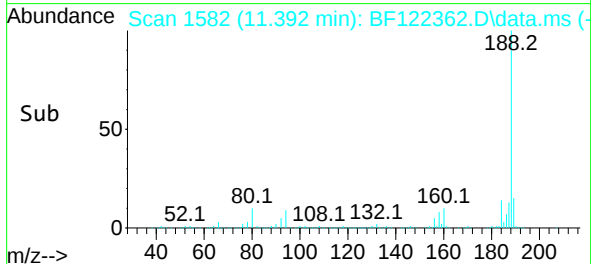
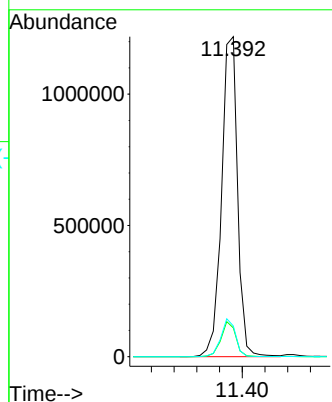
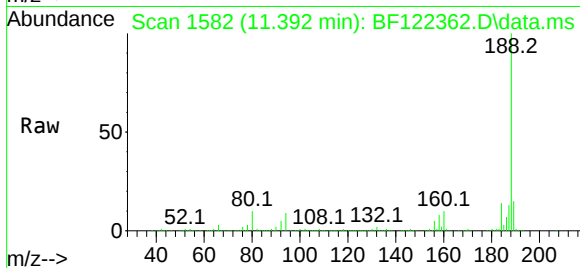




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

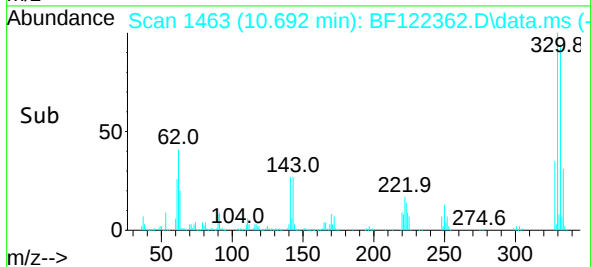
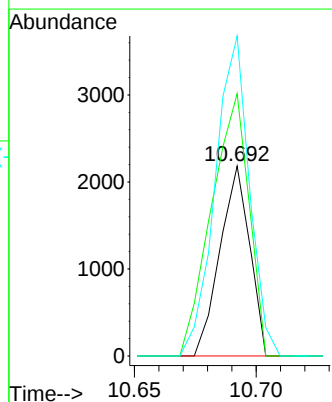
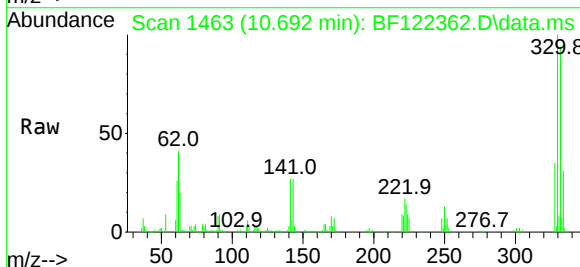
Instrument :
BNA_F
ClientSampleId :
PB133056BL

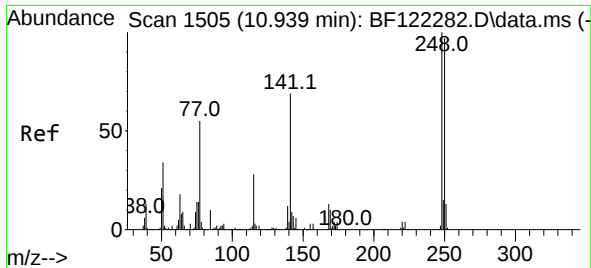
Tgt Ion:188 Resp: 1194188
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion:198 Resp: 1848
Ion Ratio Lower Upper
198 100
51 138.1 29.6 69.6#
105 168.5 24.4 64.4#

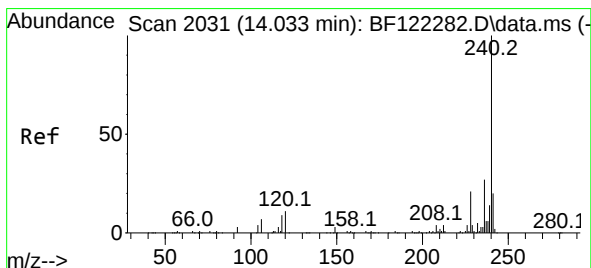
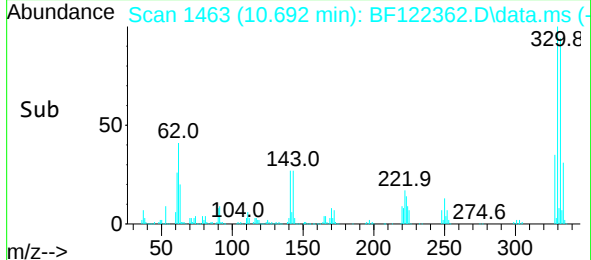
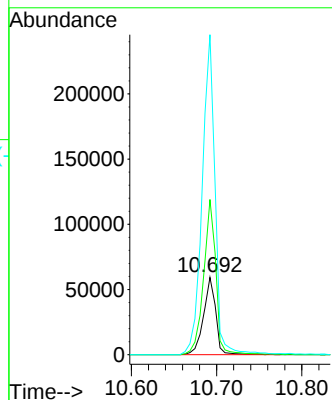
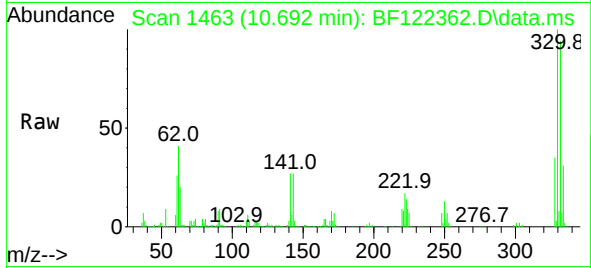




#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

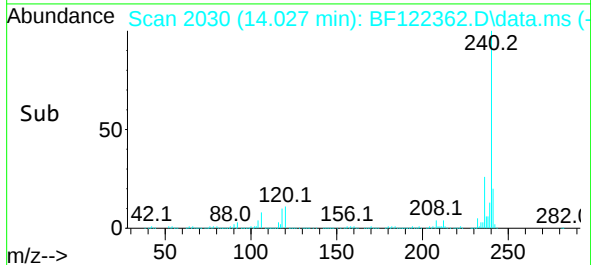
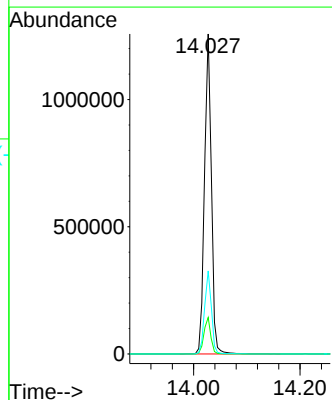
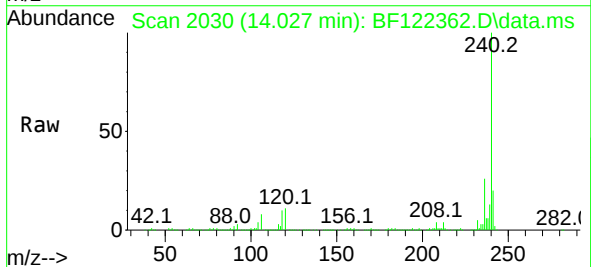
Instrument :
BNA_F
ClientSampleId :
PB133056BL

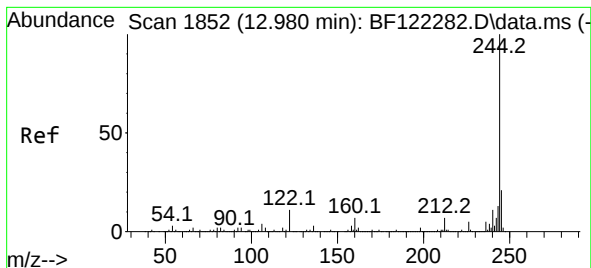
Tgt Ion:248 Resp: 58923
Ion Ratio Lower Upper
248 100
250 200.6 77.0 115.6#
141 413.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122362.D
Acq: 18 Nov 2020 12:00

Tgt Ion:240 Resp: 1128344
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 70.29 ng

RT: 12.980 min Scan# 1852

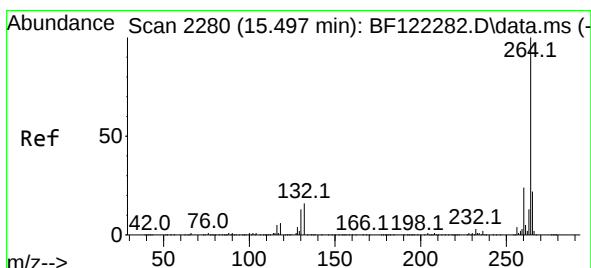
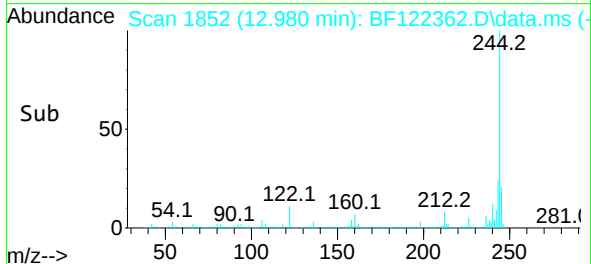
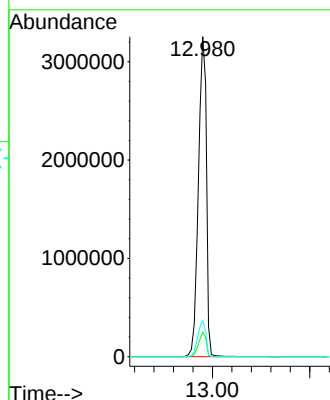
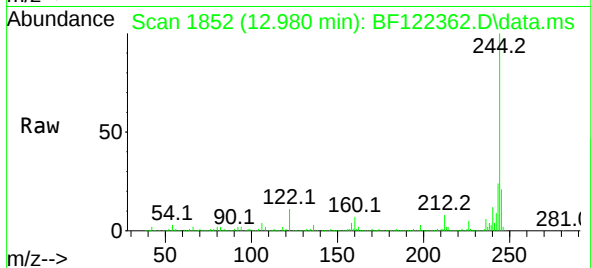
Delta R.T. 0.000 min

Lab File: BF122362.D

Acq: 18 Nov 2020 12:00

Tgt Ion:244 Resp: 3743501

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	11.3	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: BF122362.D

Acq: 18 Nov 2020 12:00

Tgt Ion:264 Resp: 1089877

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	17.3	25.9

