

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122169.D
 Acq On : 29 Oct 2020 17:44
 Operator : JU/CG
 Sample : L4540-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341

Quant Time: Oct 29 18:56:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

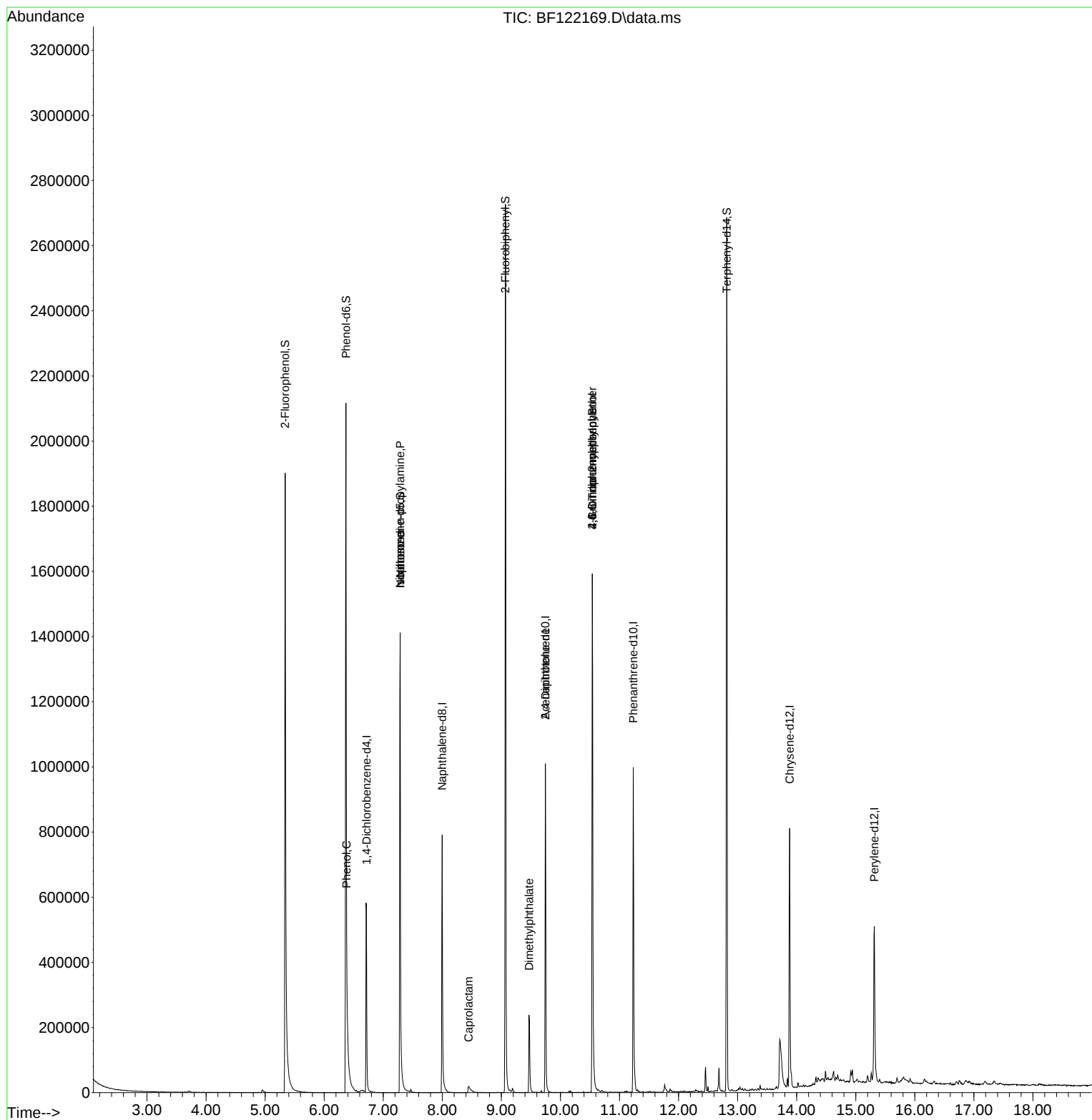
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	95220	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	388968	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	199038	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	378445	20.00	ng	0.00
76) Chrysene-d12	13.880	240	277222	20.00	ng	0.00
86) Perylene-d12	15.315	264	244717	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	643614	99.76	ng	0.00
7) Phenol-d6	6.369	99	803916	96.80	ng	0.00
23) Nitrobenzene-d5	7.287	82	520244	68.59	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	233634	94.89	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	836881	61.86	ng	0.00
79) Terphenyl-d14	12.816	244	873210	60.03	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1320	Below Cal	#	3
10) Phenol	6.381	94	44621	5.21 ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	70230	14.85 ng	#	77
25) Isophorone	7.287	82	520241	36.28 ng	#	67
35) Caprolactam	8.445	113	4994	2.64 ng		94
50) Dimethylphthalate	9.469	163	119686	8.22 ng		98
57) 2,4-Dinitrotoluene	9.745	165	25058	6.38 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.539	198	340	4.55 ng	#	1
67) 4-Bromophenyl-phenylether	10.539	248	13784	3.15 ng	#	1

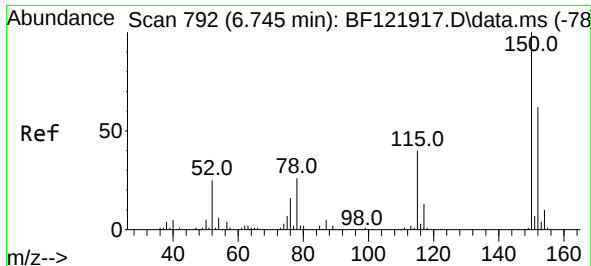
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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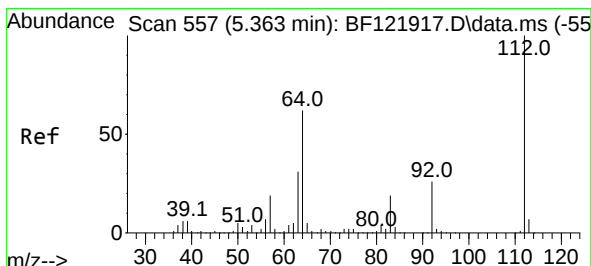
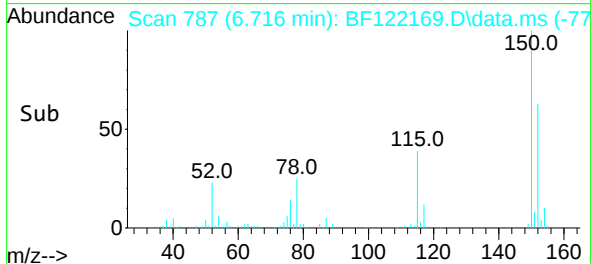
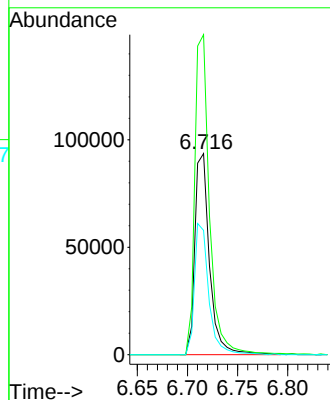
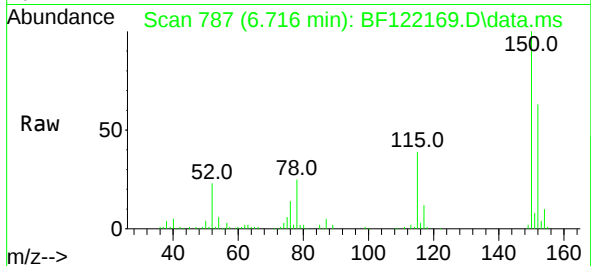




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

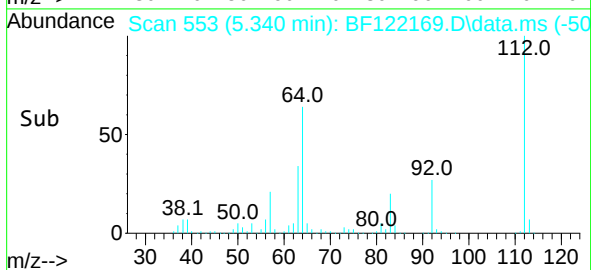
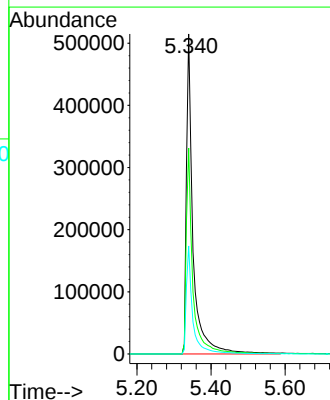
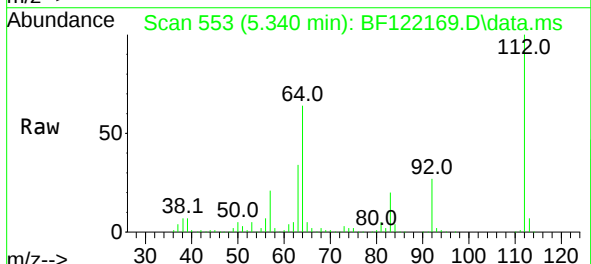
Instrument :
BNA_F
ClientSampleId :
341

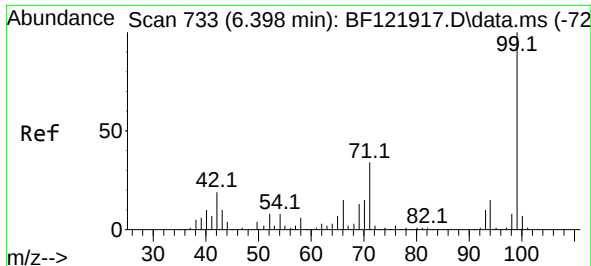
Tgt Ion:152 Resp: 95220
Ion Ratio Lower Upper
152 100
150 159.1 125.3 187.9
115 61.8 51.9 77.9



#5
2-Fluorophenol
Concen: 99.76 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:112 Resp: 643614
Ion Ratio Lower Upper
112 100
64 64.3 50.4 75.6
63 33.8 25.8 38.6

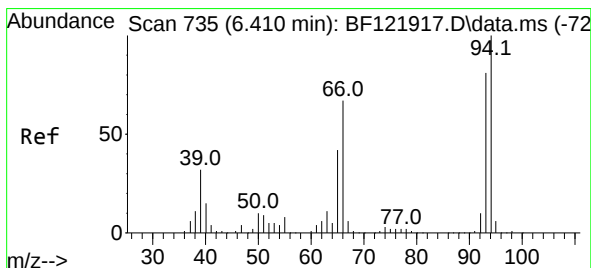
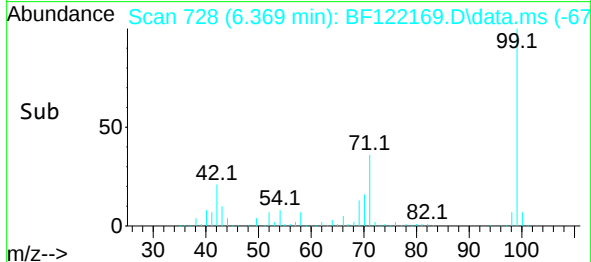
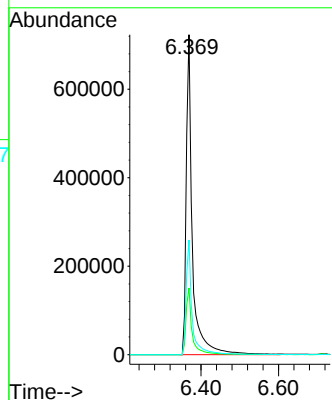
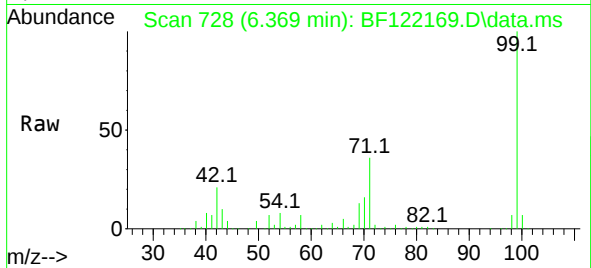




#7
Phenol-d6
Concen: 96.80 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

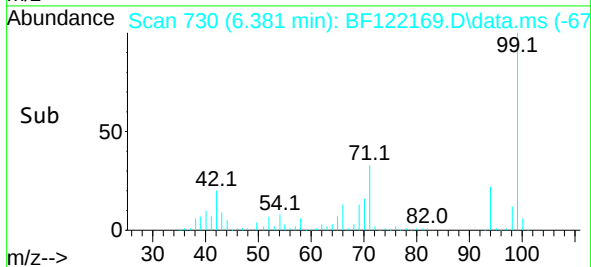
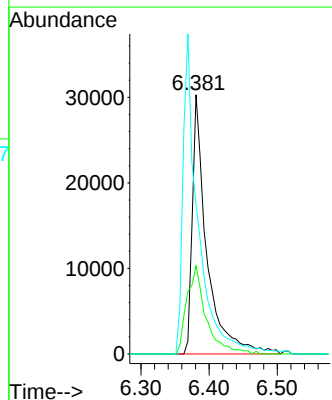
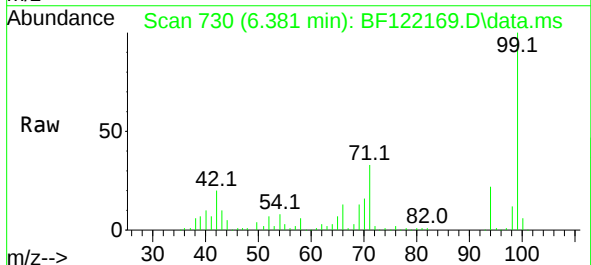
Instrument :
BNA_F
ClientSampled :
341

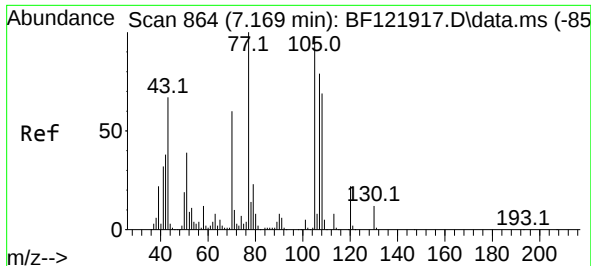
Tgt Ion: 99 Resp: 803916
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.9 27.1 40.7



#10
Phenol
Concen: 5.21 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion: 94 Resp: 44621
Ion Ratio Lower Upper
94 100
65 34.0 17.1 57.1
66 57.6 36.0 76.0



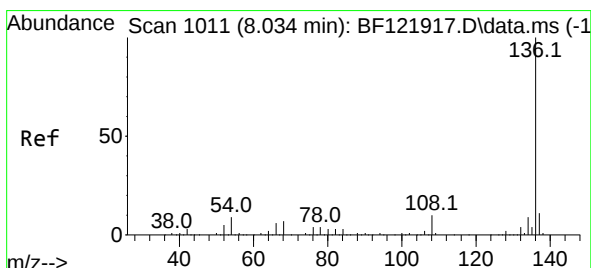
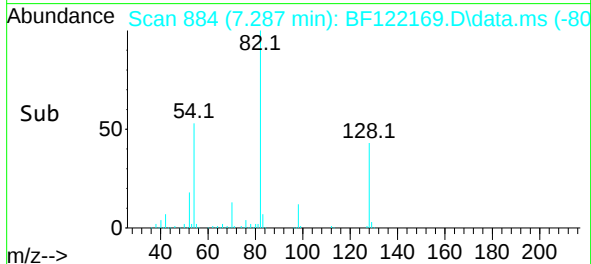
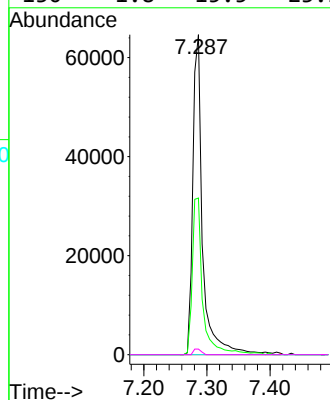
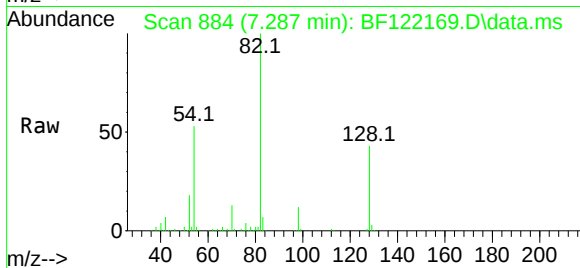


#19

n-Nitroso-di-n-propylamine
Concen: 14.85 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Instrument :
BNA_F
ClientSampleId :
341

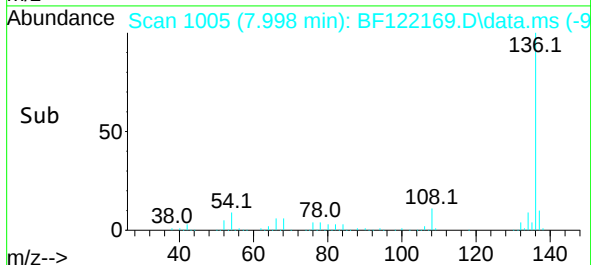
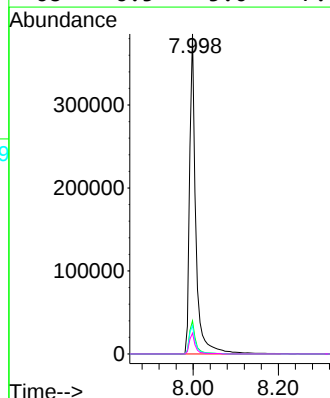
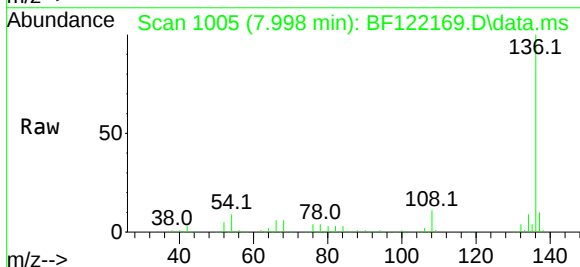
Tgt Ion:	70	Resp:	70230
Ion	Ratio	Lower	Upper
70	100		
42	49.0	50.2	75.4#
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#

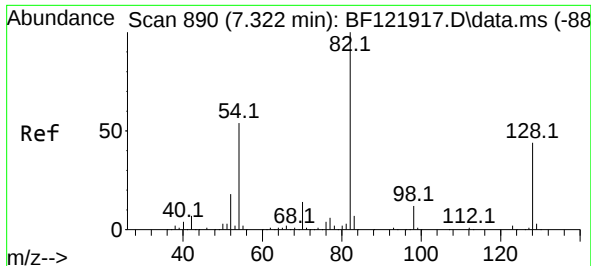


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:	136	Resp:	388968
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.9	7.1	10.7
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 68.59 ng

RT: 7.287 min Scan# 884

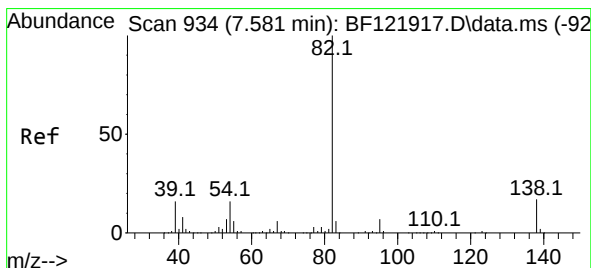
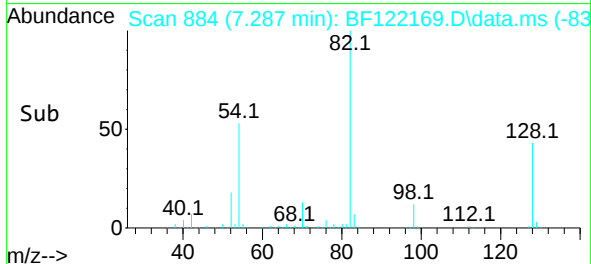
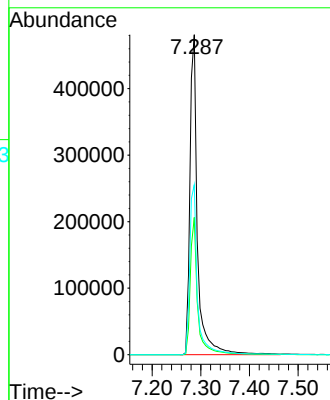
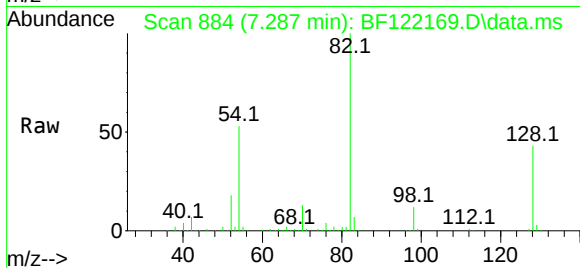
Delta R.T. -0.000 min

Lab File: BF122169.D

Acq: 29 Oct 2020 17:44

Tgt Ion: 82 Resp: 520244

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.1	43.9	65.9



#25

Isophorone

Concen: 36.28 ng

RT: 7.287 min Scan# 884

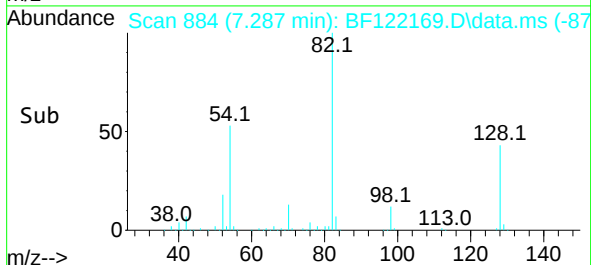
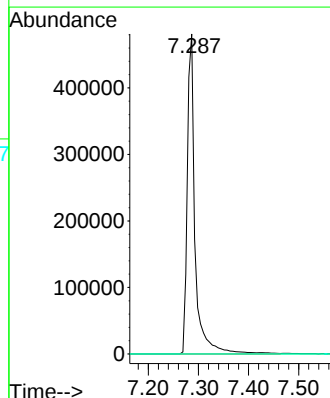
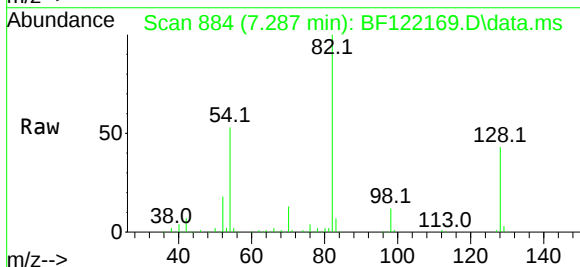
Delta R.T. -0.259 min

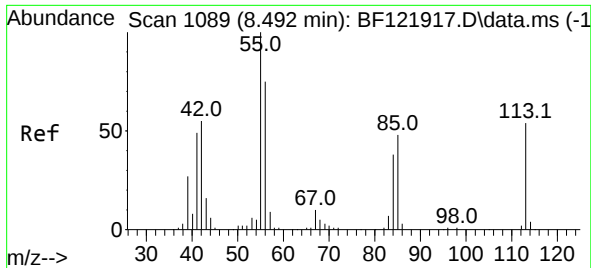
Lab File: BF122169.D

Acq: 29 Oct 2020 17:44

Tgt Ion: 82 Resp: 520241

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

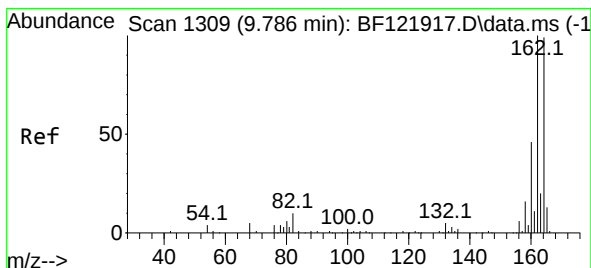
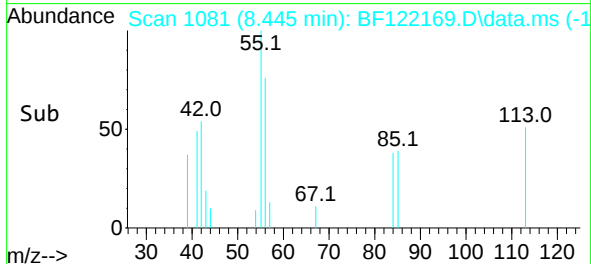
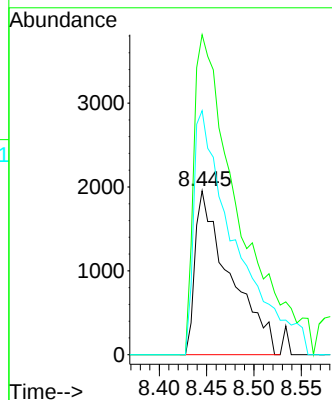
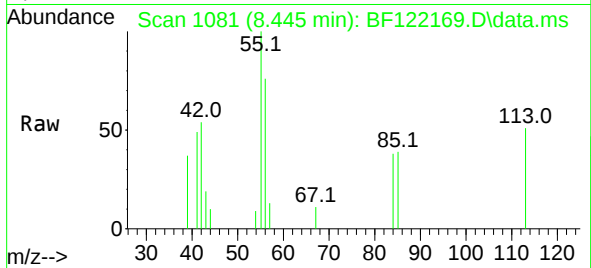




#35
 Caprolactam
 Concen: 2.64 ng
 RT: 8.445 min Scan# 1081
 Delta R.T. -0.018 min
 Lab File: BF122169.D
 Acq: 29 Oct 2020 17:44

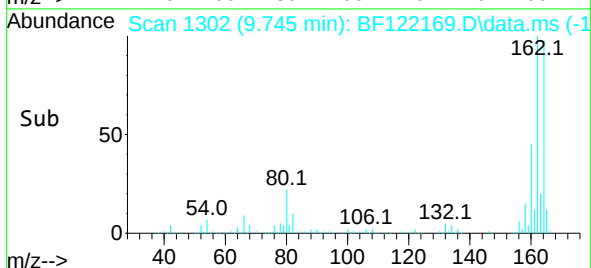
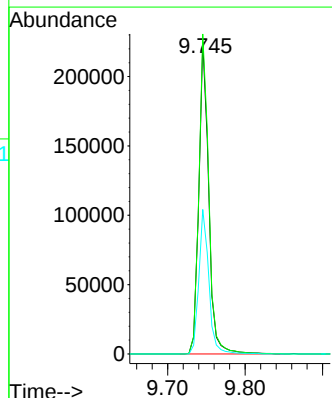
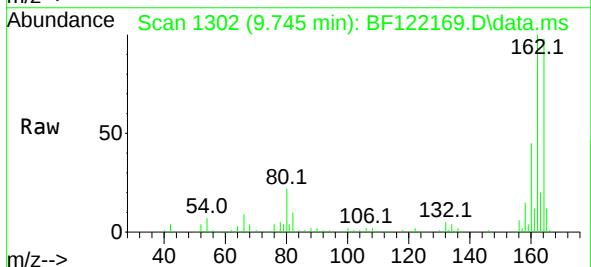
Instrument :
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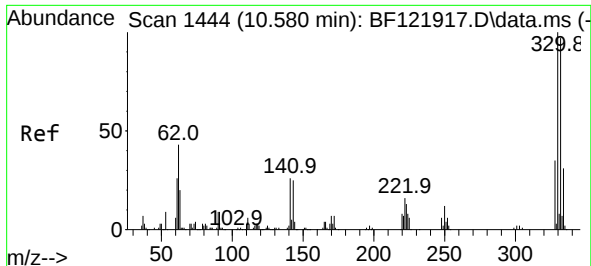
Tgt Ion:	113	Resp:	4994
Ion	Ratio	Lower	Upper
113	100		
55	195.2	167.5	207.5
56	148.8	121.2	161.2



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.745 min Scan# 1302
 Delta R.T. -0.006 min
 Lab File: BF122169.D
 Acq: 29 Oct 2020 17:44

Tgt Ion:	164	Resp:	199038
Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	46.3	37.5	56.3

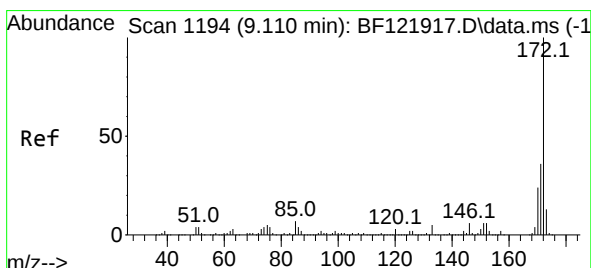
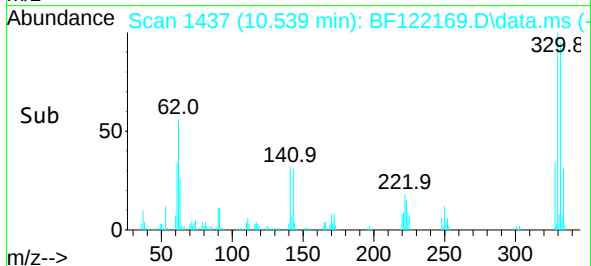
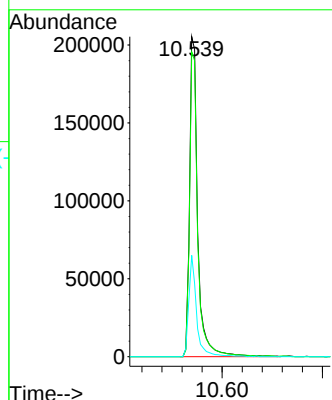
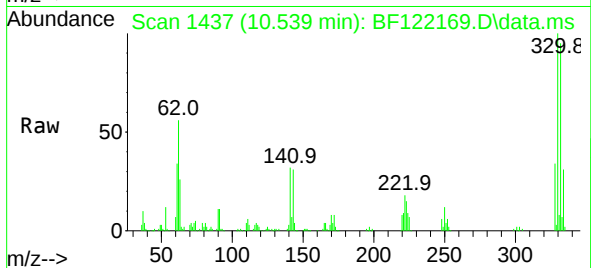




#42
2,4,6-Tribromophenol
Concen: 94.89 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

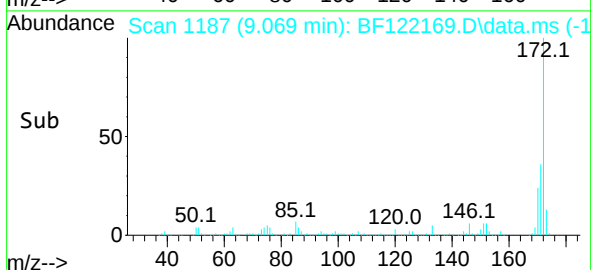
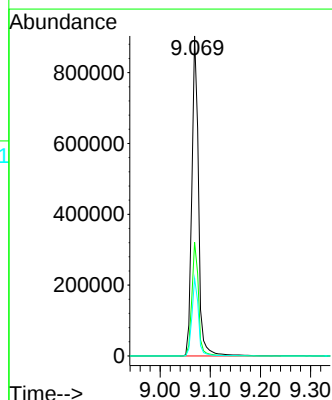
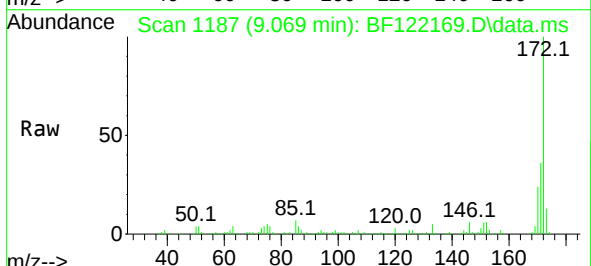
Instrument :
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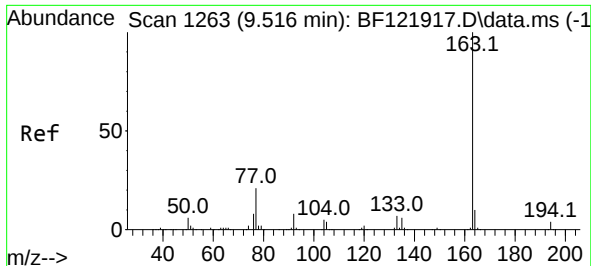
Tgt Ion:330 Resp: 233634
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 30.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 61.86 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:172 Resp: 836881
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.3 19.8 29.6

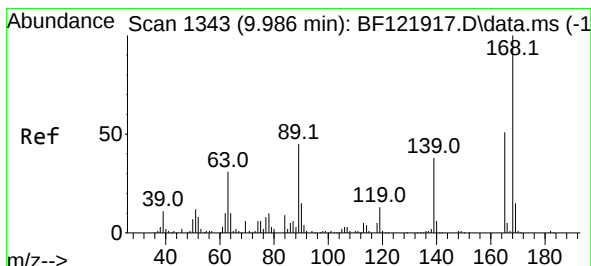
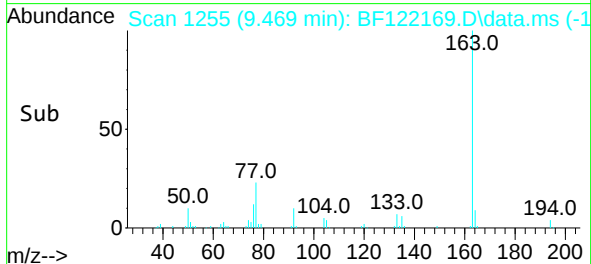
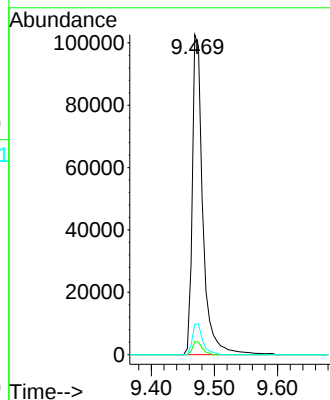
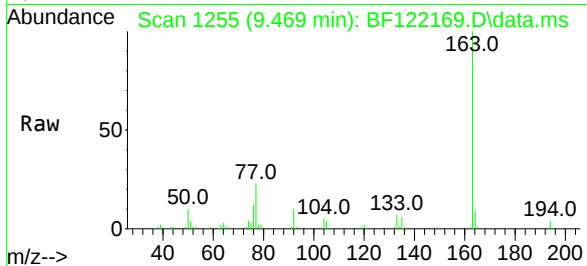




#50
Dimethylphthalate
Concen: 8.22 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

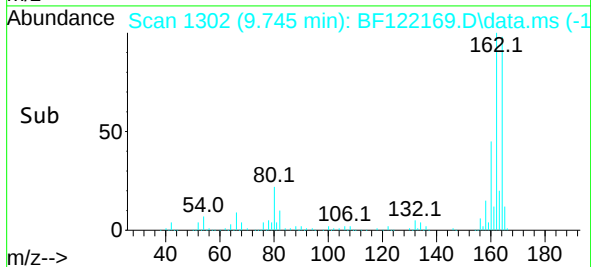
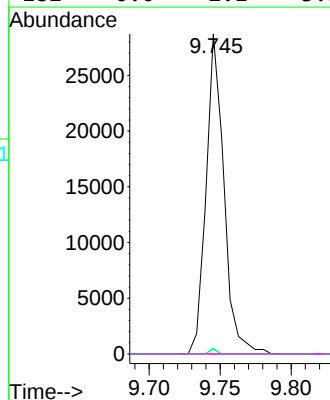
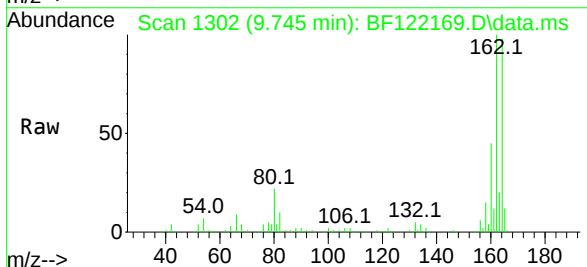
Instrument :
BNA_F
ClientSampleId :
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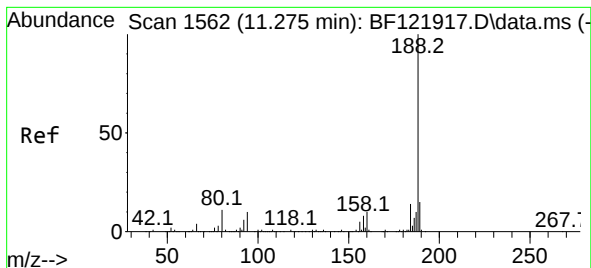
Tgt Ion:163 Resp: 119686
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:165 Resp: 25058
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#

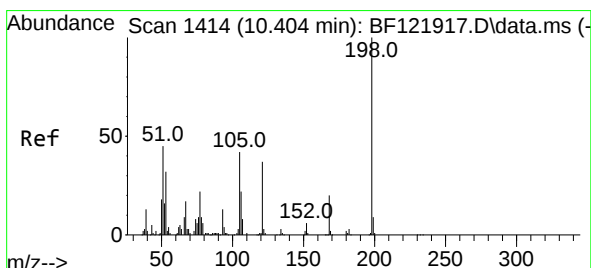
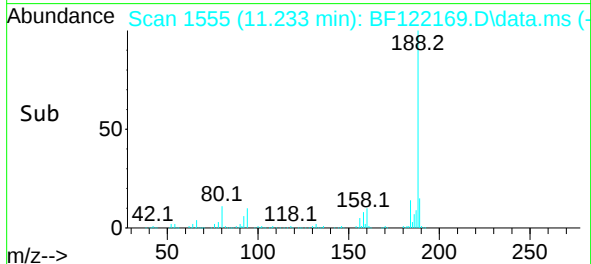
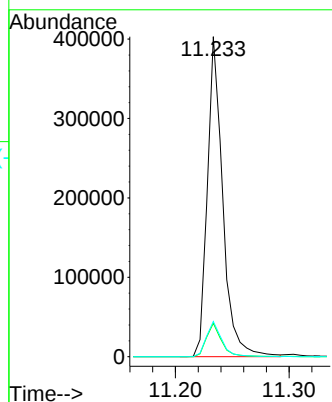
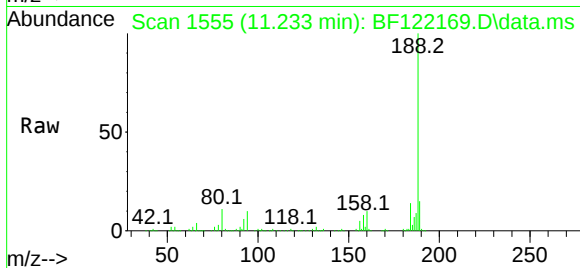




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

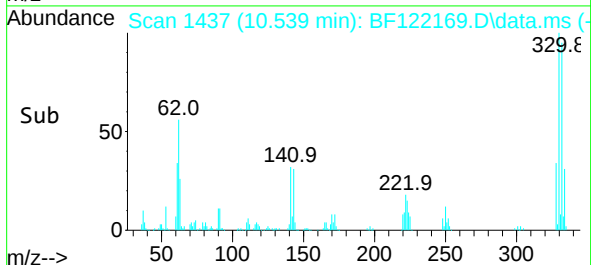
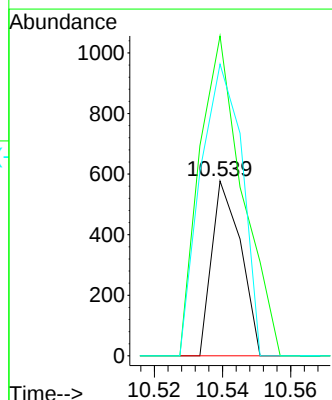
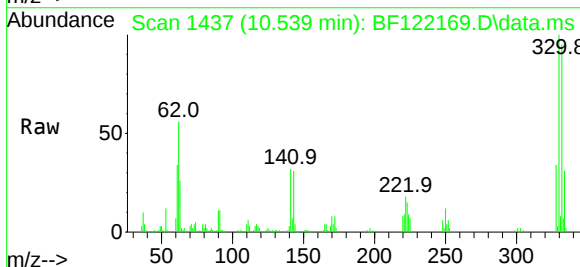
Instrument :
BNA_F
ClientSampleId :
341

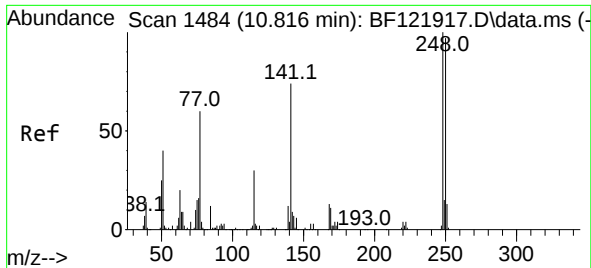
Tgt Ion:188 Resp: 378445
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.0 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:198 Resp: 340
Ion Ratio Lower Upper
198 100
51 183.0 29.6 69.6#
105 166.9 24.4 64.4#

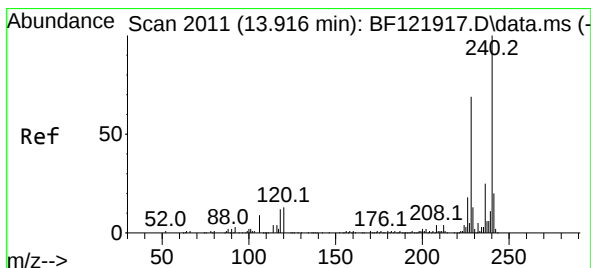
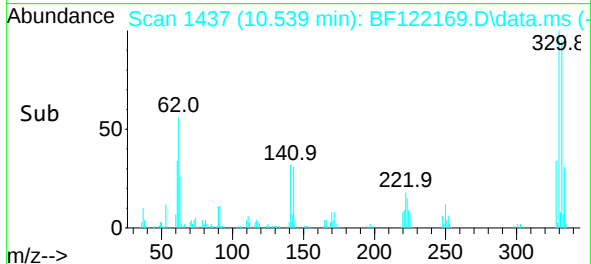
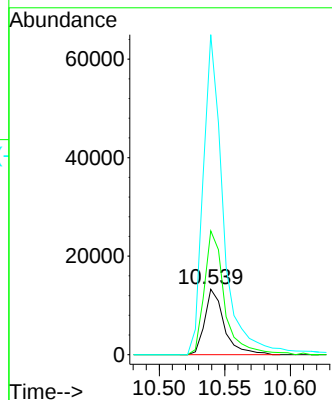
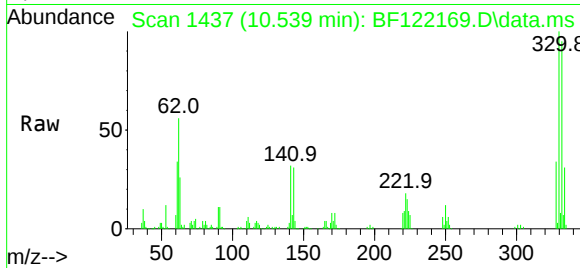




#67
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

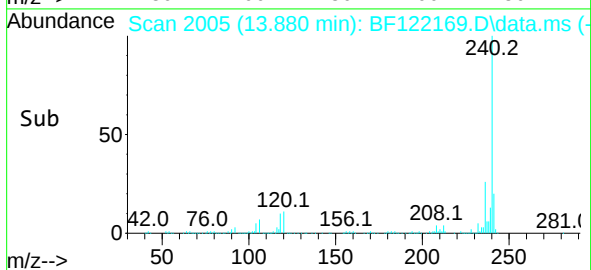
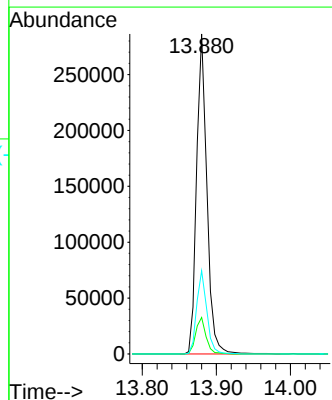
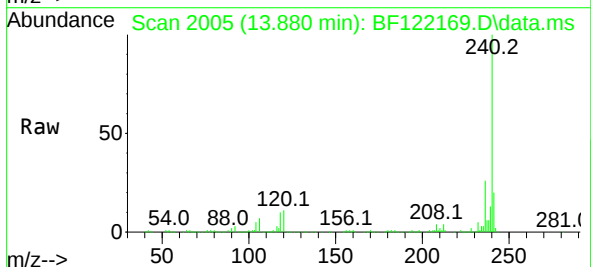
Instrument :
BNA_F
ClientSampleId :
341

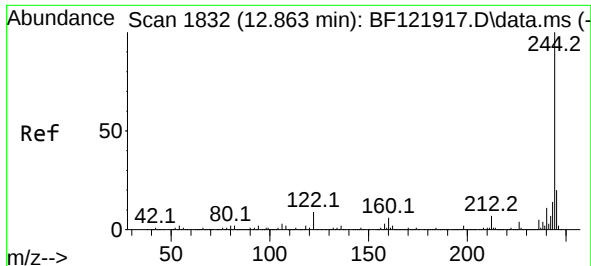
Tgt Ion:248 Resp: 13784
Ion Ratio Lower Upper
248 100
250 189.4 77.0 115.6#
141 489.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

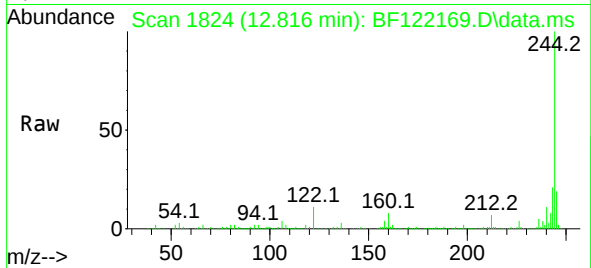
Tgt Ion:240 Resp: 277222
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3



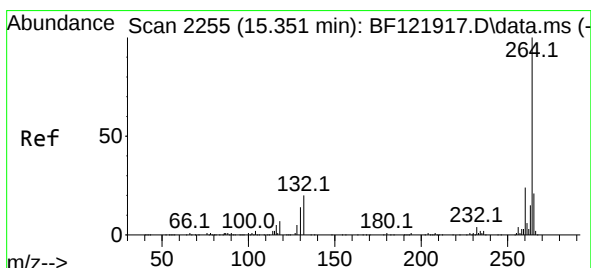
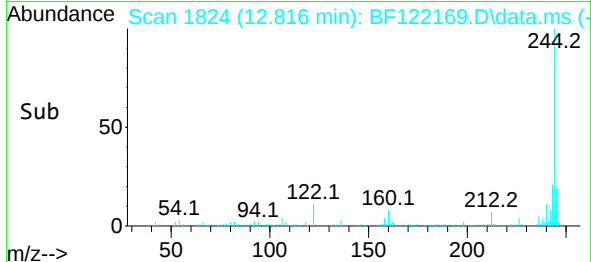
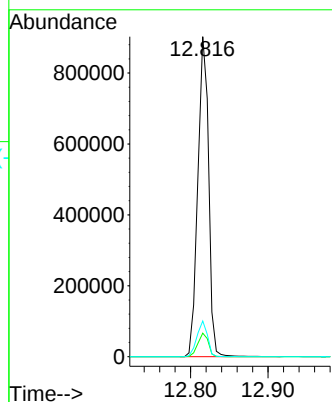


#79
 Terphenyl-d14
 Concen: 60.03 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122169.D
 Acq: 29 Oct 2020 17:44

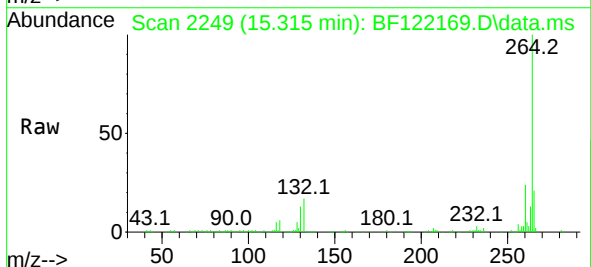
Instrument :
 BNA_F
 ClientSampleId :
 341



Tgt Ion:244 Resp: 873210
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 11.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122169.D
 Acq: 29 Oct 2020 17:44



Tgt Ion:264 Resp: 244717
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.3 17.3 25.9

