

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122231.D
 Acq On : 2 Nov 2020 17:55
 Operator : JU/CG
 Sample : L4573-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Quant Time: Nov 03 00:03:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

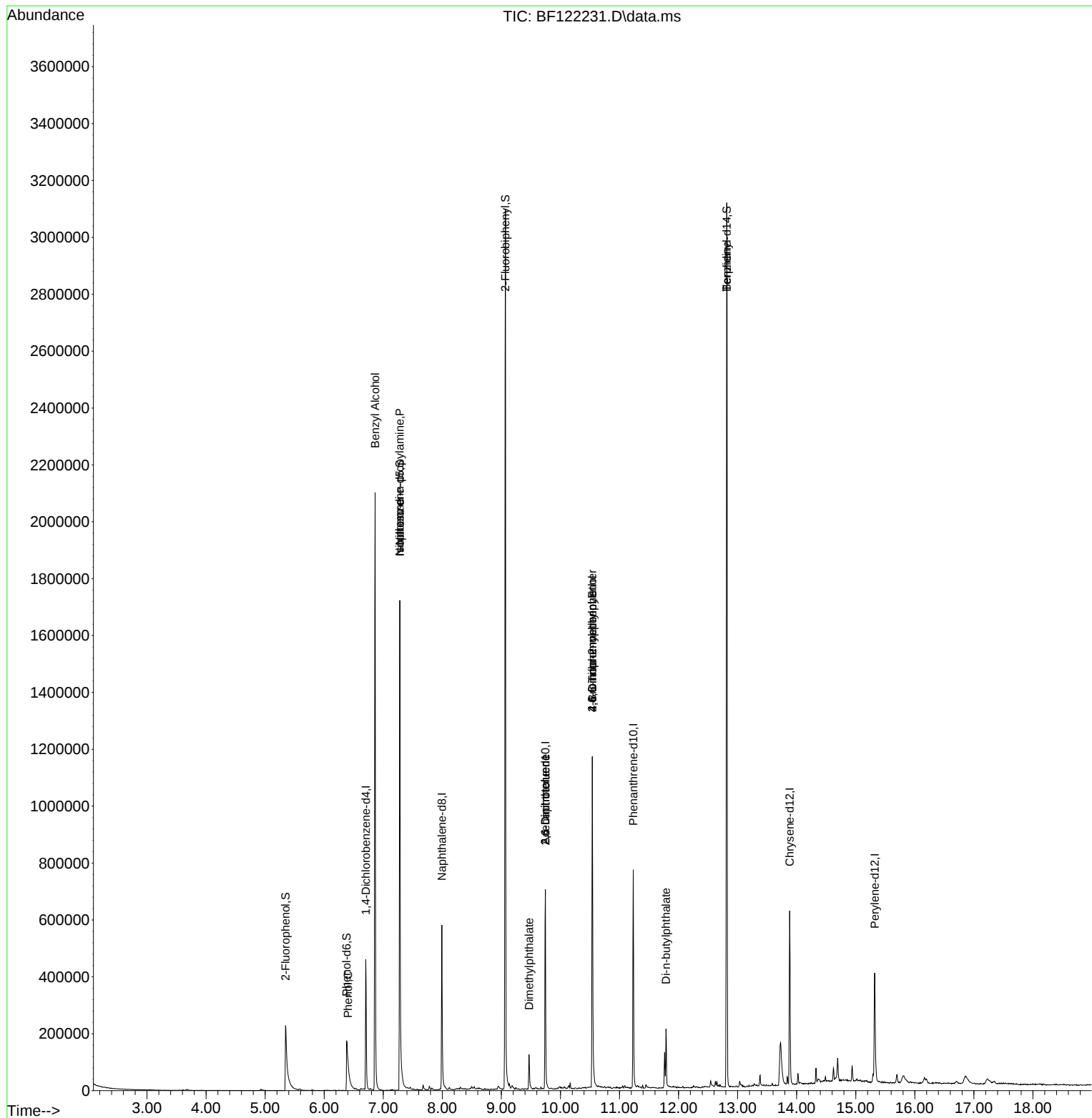
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	70829	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	276434	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	143370	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	283299	20.00	ng	0.00
76) Chrysene-d12	13.880	240	217326	20.00	ng	0.00
86) Perylene-d12	15.321	264	195785	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	157864	32.90	ng	0.01
7) Phenol-d6	6.381	99	125497	20.31	ng	0.01
23) Nitrobenzene-d5	7.281	82	582608	108.09	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	153280	86.43	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	954700	97.98	ng	0.00
79) Terphenyl-d14	12.815	244	1165128	102.17	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.404	94	25781	4.04	ng	87
15) Benzyl Alcohol	6.863	79	9242	2.31	ng	# 43
19) n-Nitroso-di-n-propyla...	7.281	70	79518	22.61	ng	# 78
25) Isophorone	7.281	82	582605	57.16	ng	# 67
50) Dimethylphthalate	9.469	163	51219	4.89	ng	99
51) 2,6-Dinitrotoluene	9.745	165	18288	7.95	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	18288	6.46	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	138	4.50	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	9095	2.78	ng	# 1
74) Di-n-butylphthalate	11.786	149	90170	5.47	ng	99
77) Benzidine	12.815	184	15628	2.33	ng	# 93

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

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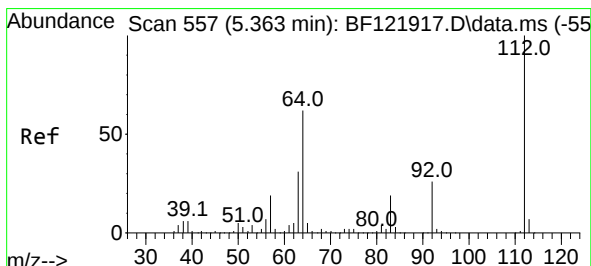
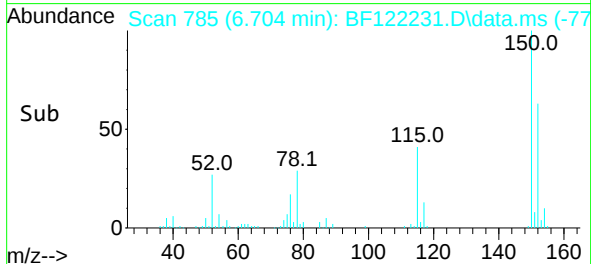
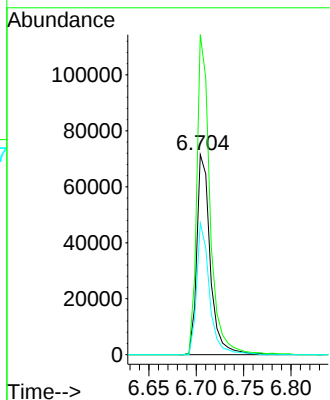
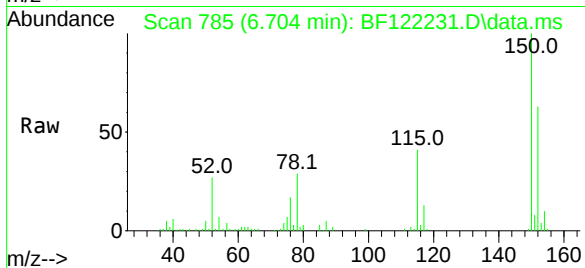




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

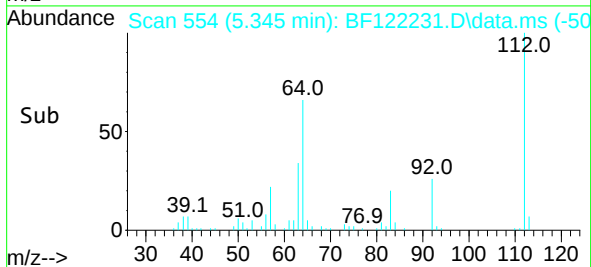
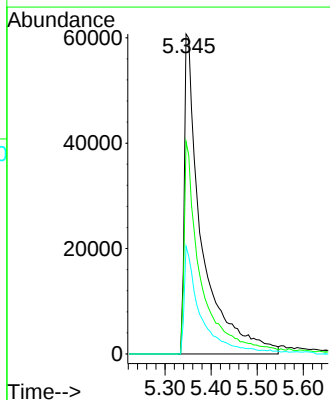
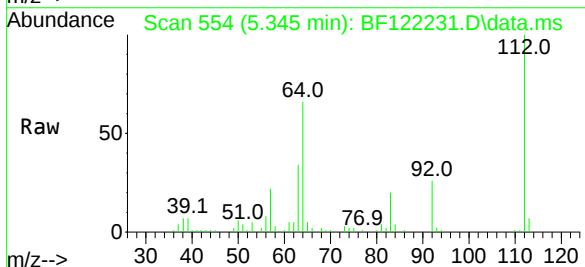
Instrument :
BNA_F
ClientSampleId :
OB-722

Tgt Ion:152 Resp: 70829
Ion Ratio Lower Upper
152 100
150 160.0 125.3 187.9
115 65.8 51.9 77.9



#5
2-Fluorophenol
Concen: 32.90 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion:112 Resp: 157864
Ion Ratio Lower Upper
112 100
64 66.4 50.4 75.6
63 33.7 25.8 38.6

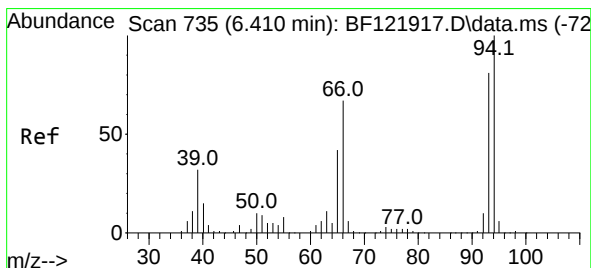
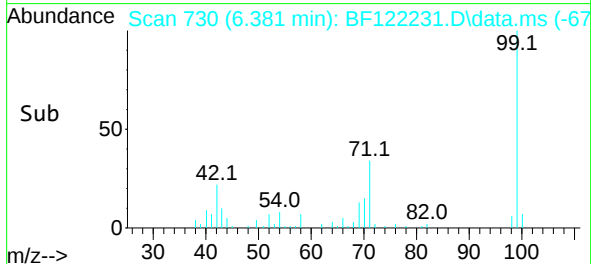
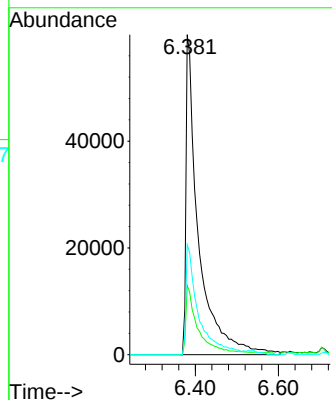
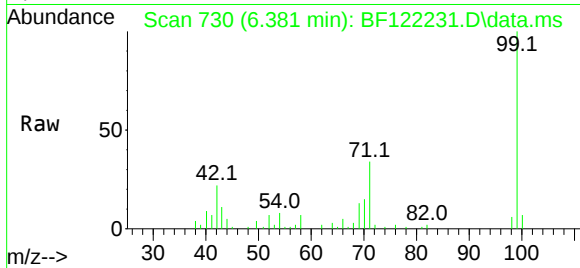




#7
Phenol-d6
Concen: 20.31 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

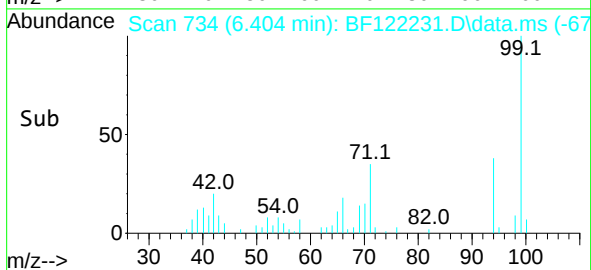
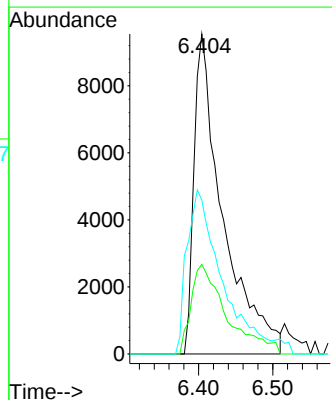
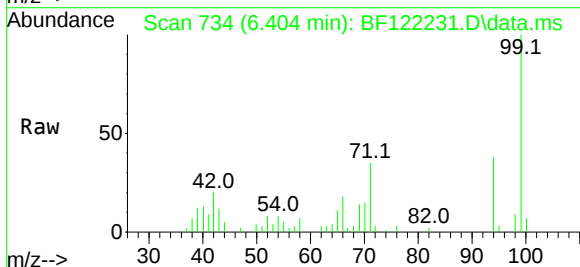
Instrument :
BNA_F
ClientSampleId :
OB-722

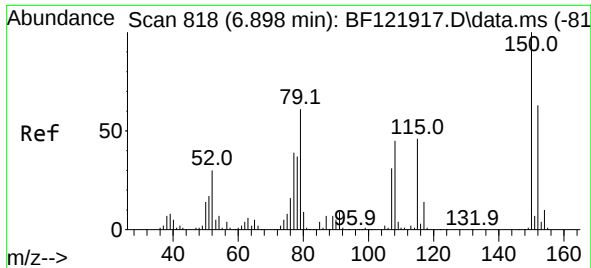
Tgt Ion: 99 Resp: 125497
Ion Ratio Lower Upper
99 100
42 21.7 15.9 23.9
71 34.4 27.1 40.7



#10
Phenol
Concen: 4.04 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.023 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion: 94 Resp: 25781
Ion Ratio Lower Upper
94 100
65 28.0 17.1 57.1
66 48.1 36.0 76.0

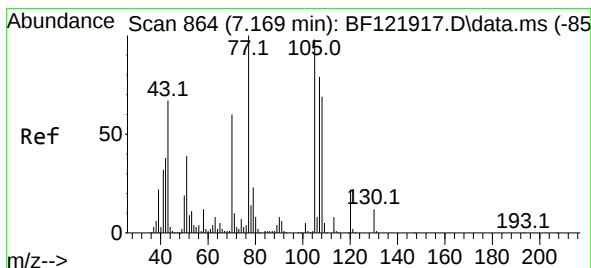
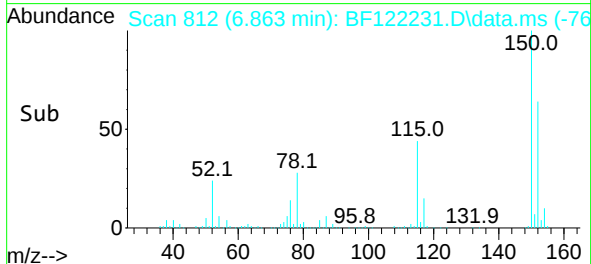
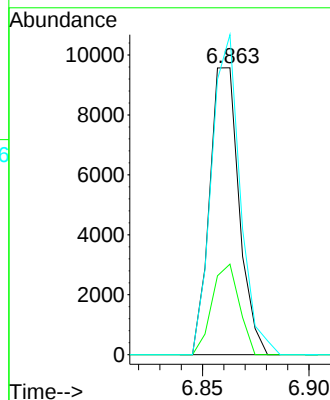
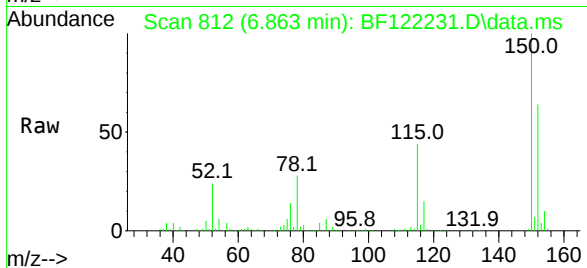




#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

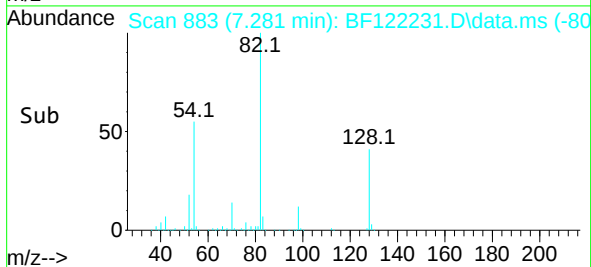
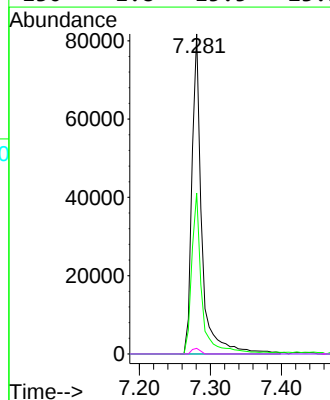
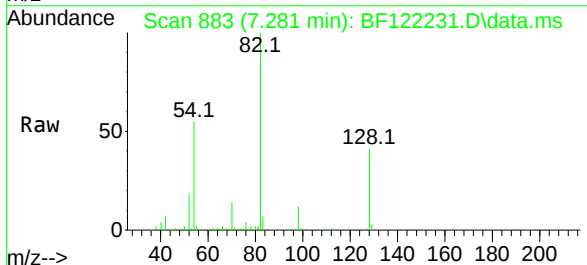
Instrument :
BNA_F
ClientSampleId :
OB-722

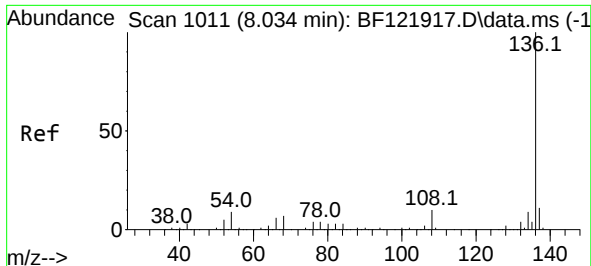
Tgt Ion: 79 Resp: 9242
Ion Ratio Lower Upper
79 100
108 31.6 62.3 93.5#
77 111.5 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.61 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

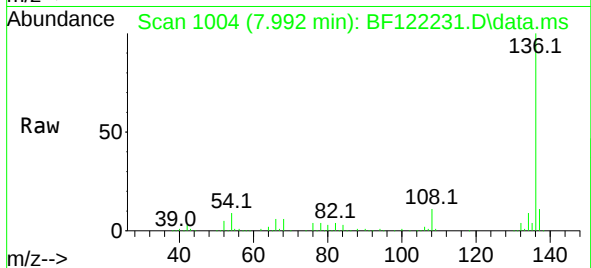
Tgt Ion: 70 Resp: 79518
Ion Ratio Lower Upper
70 100
42 50.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



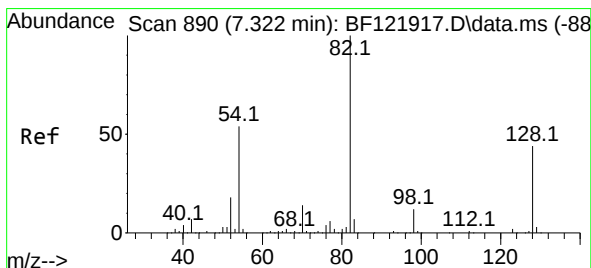
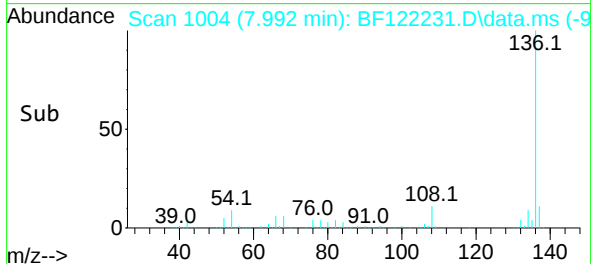
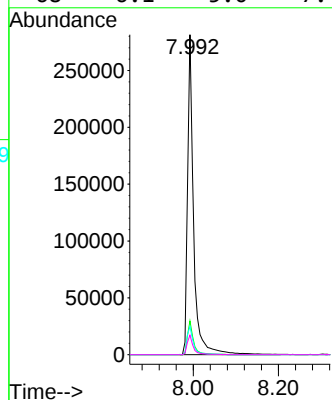


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Instrument :
BNA_F
ClientSampleId :
OB-722

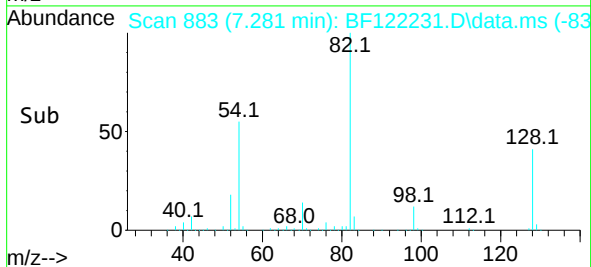
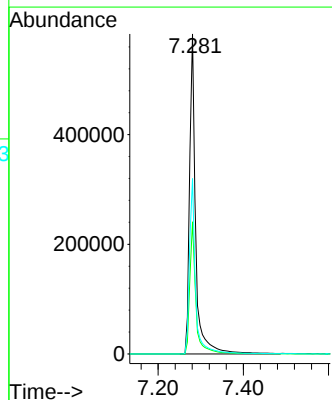
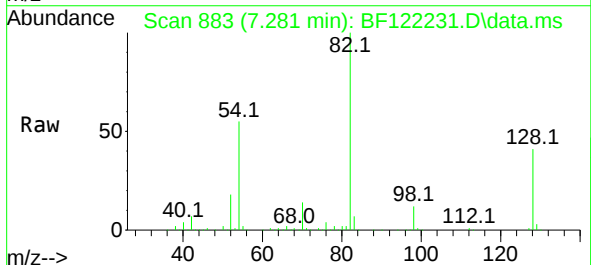


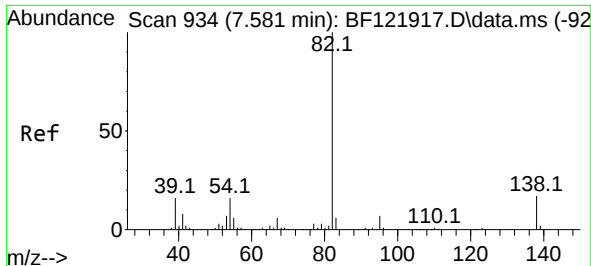
Tgt Ion:136 Resp: 276434
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.8 7.1 10.7
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 108.09 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion: 82 Resp: 582608
Ion Ratio Lower Upper
82 100
128 41.3 35.0 52.4
54 54.8 43.9 65.9

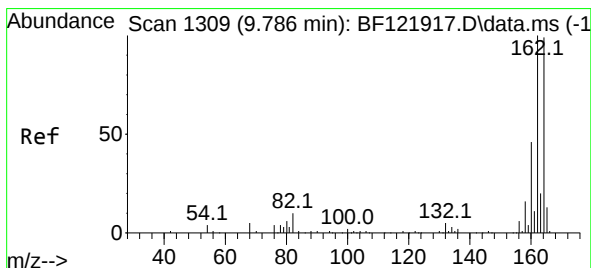
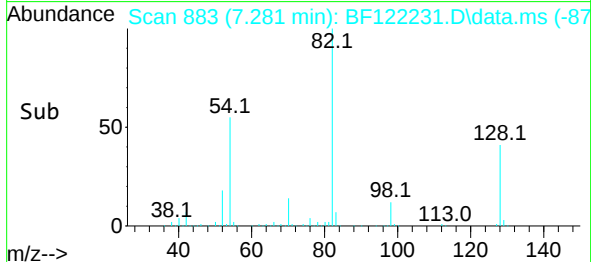
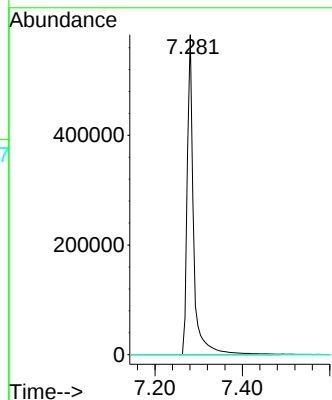
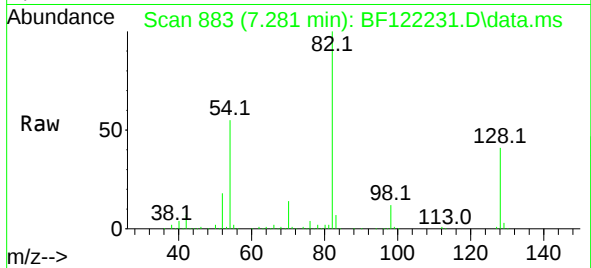




#25
Isophorone
Concen: 57.16 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

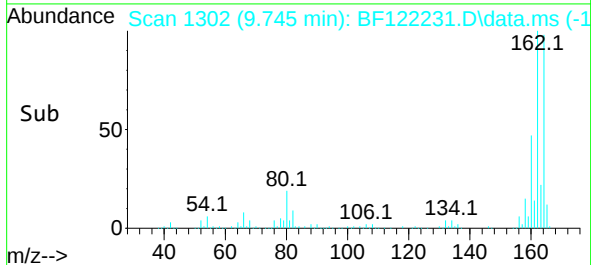
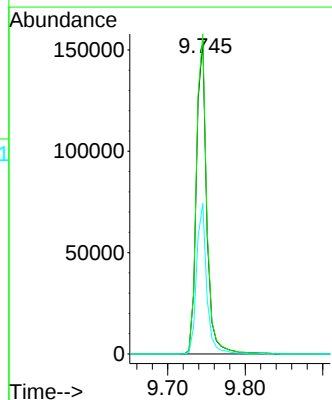
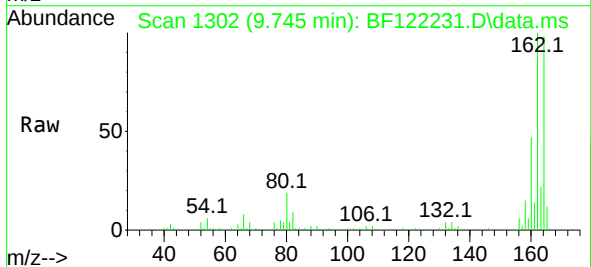
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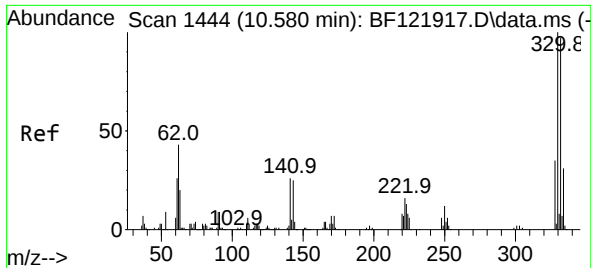
Tgt Ion: 82 Resp: 582605
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion:164 Resp: 143370
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 48.0 37.5 56.3

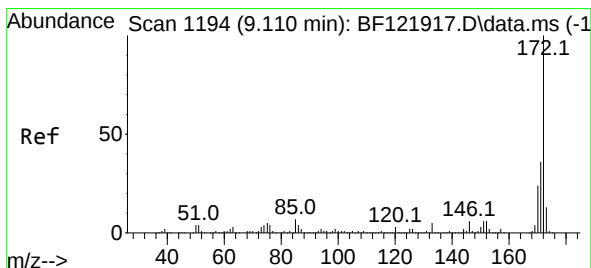
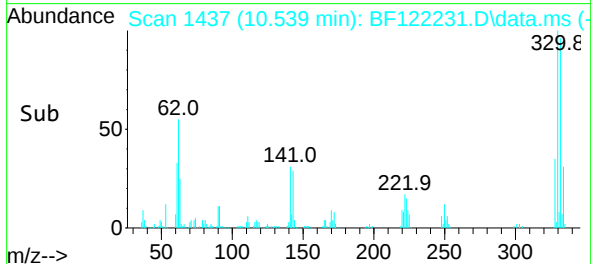
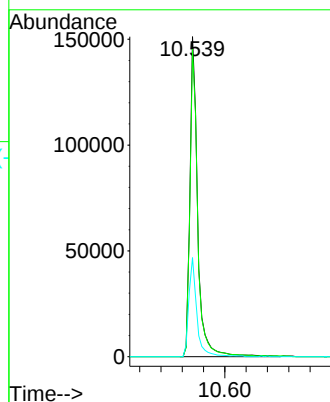
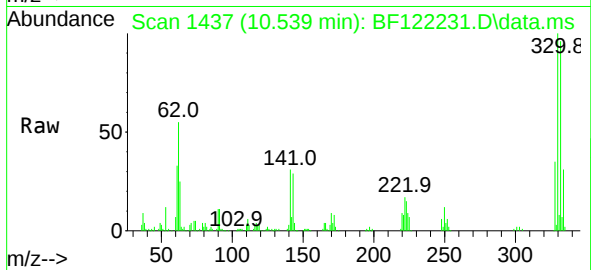




#42
2,4,6-Tribromophenol
Concen: 86.43 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

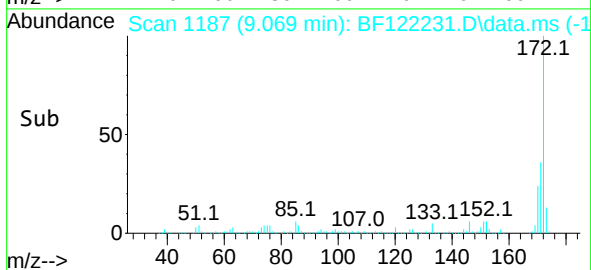
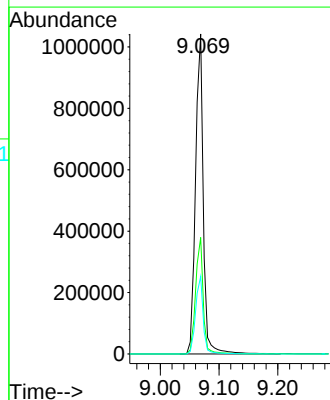
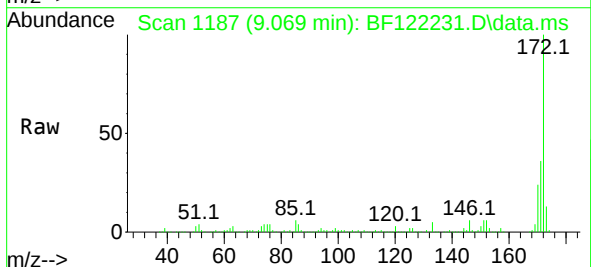
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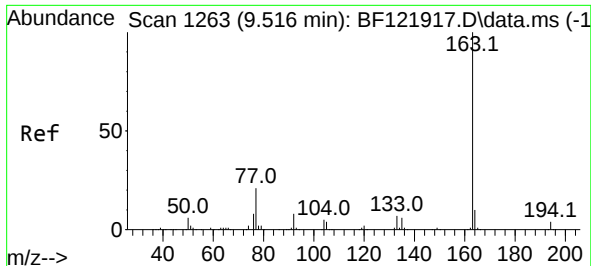
Tgt Ion: 330 Resp: 153280
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 31.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 97.98 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion: 172 Resp: 954700
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.2 19.8 29.6

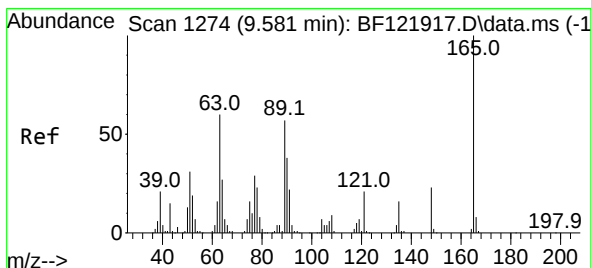
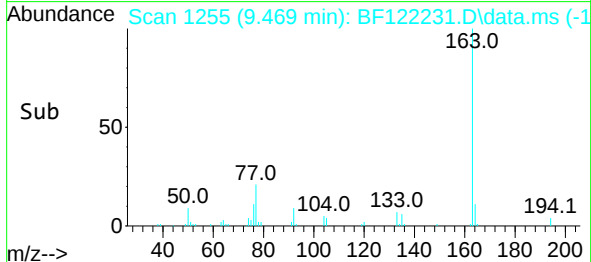
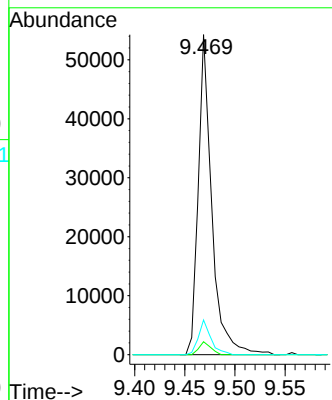
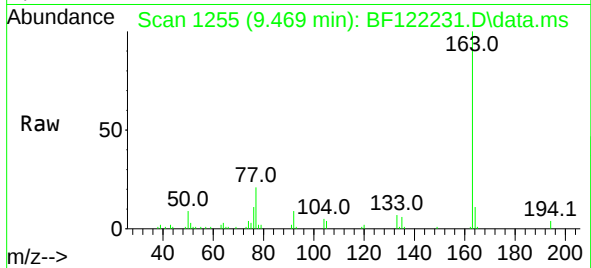




#50
Dimethylphthalate
Concen: 4.89 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

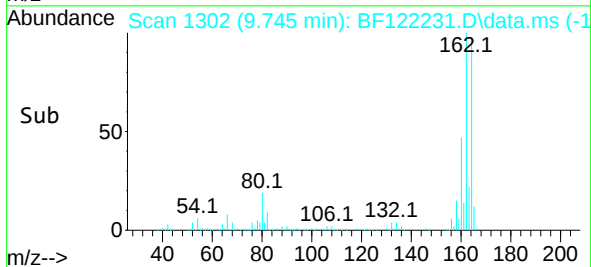
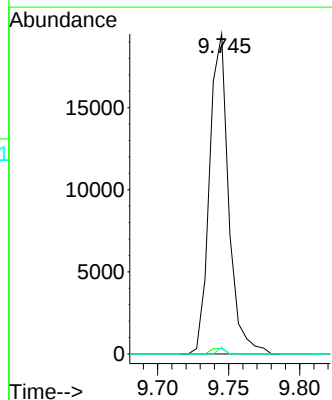
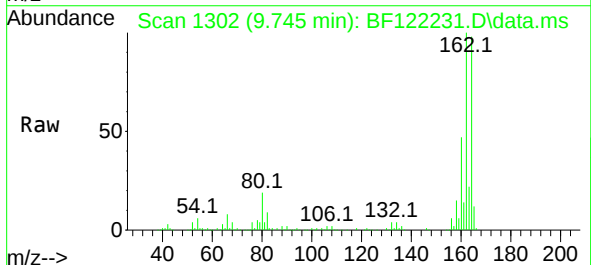
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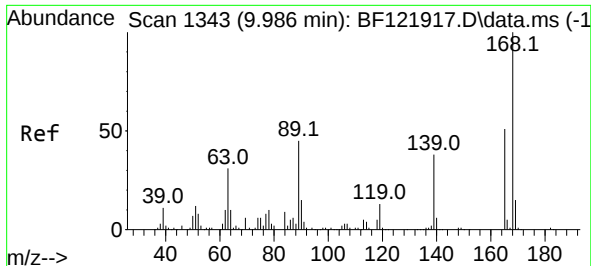
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Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion:165 Resp: 18288
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.6#
89 2.1 49.0 73.6#

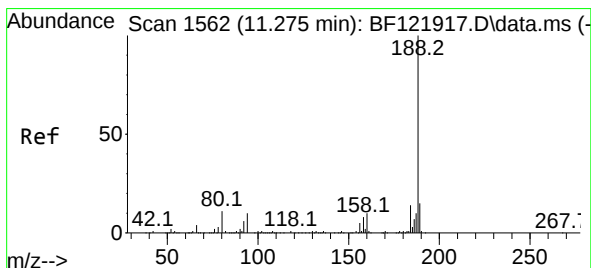
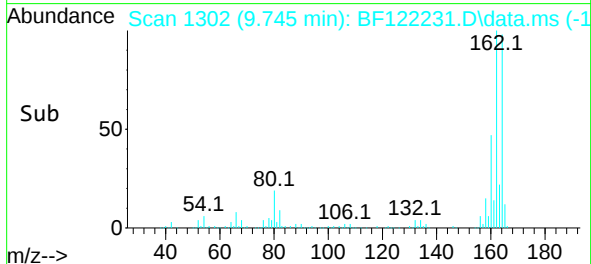
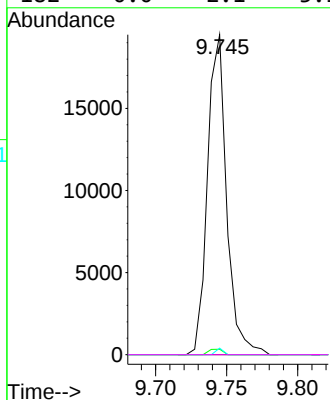
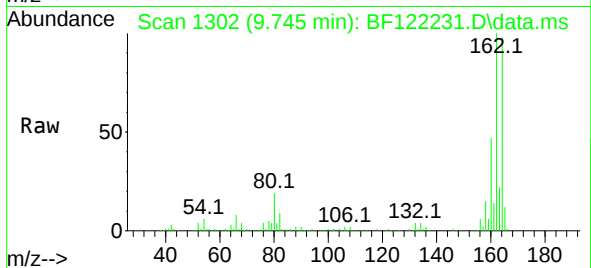




#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

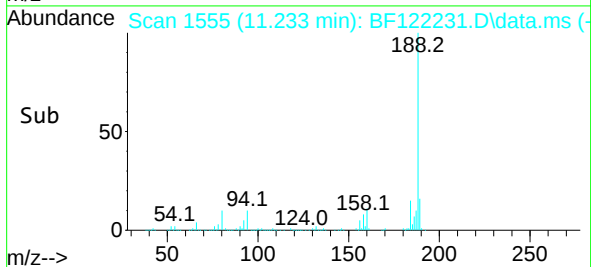
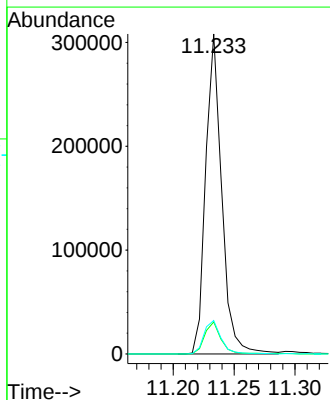
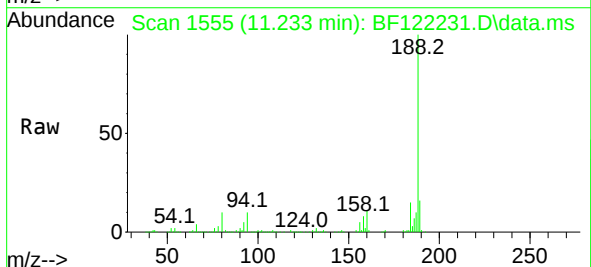
Instrument :
BNA_F
ClientSampled :
OB-722

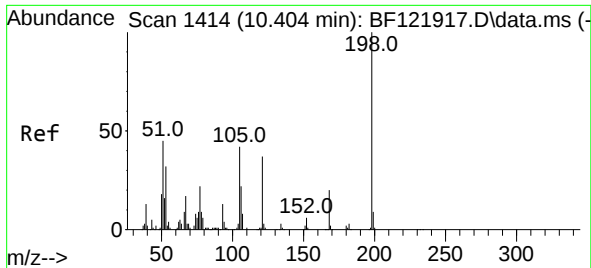
Tgt Ion:	165	Resp:	18288
Ion Ratio	Lower	Upper	
165	100		
63	1.7	41.3	61.9#
89	2.1	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion:	188	Resp:	283299
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.3	12.5
80	10.4	9.1	13.7

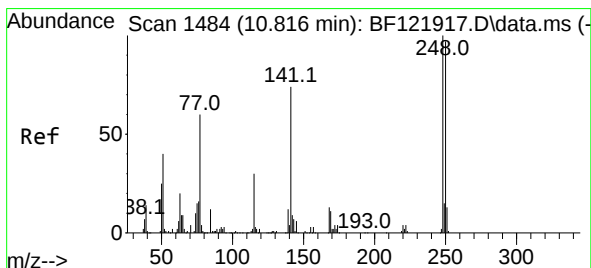
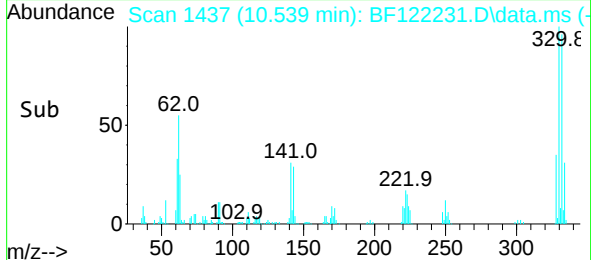
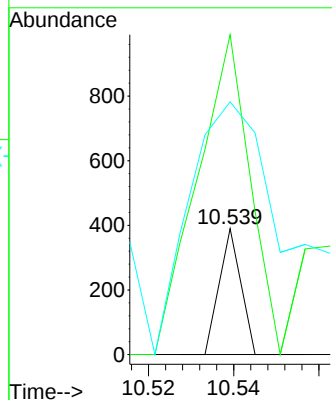
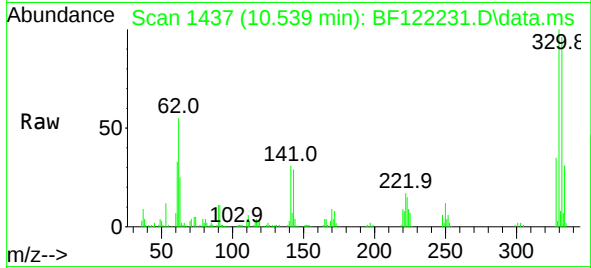




#65
4,6-Dinitro-2-methylphenol
Concen: 4.50 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

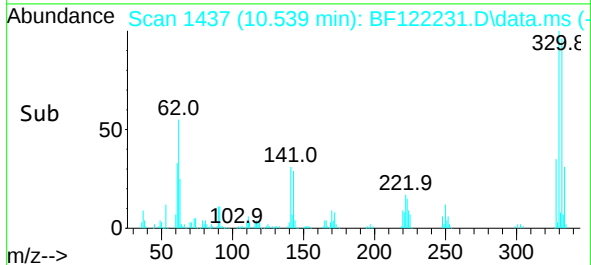
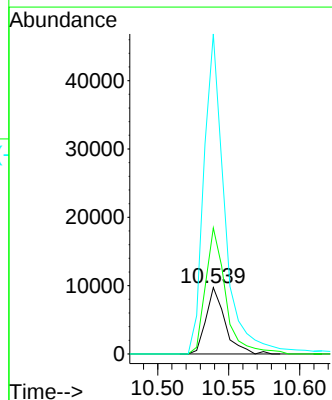
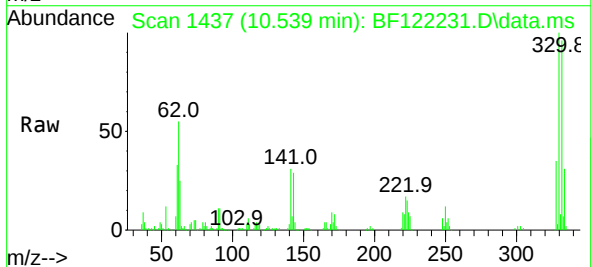
Instrument :
BNA_F
ClientSampled :
OB-722

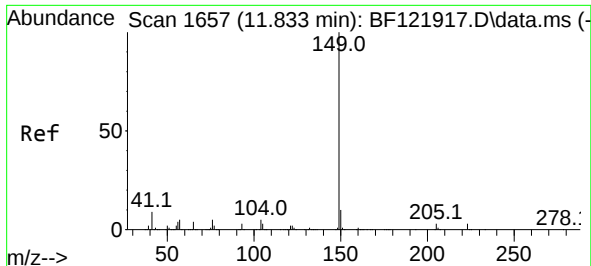
Tgt Ion:198 Resp: 138
Ion Ratio Lower Upper
198 100
51 253.8 29.6 69.6#
105 200.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion:248 Resp: 9095
Ion Ratio Lower Upper
248 100
250 189.9 77.0 115.6#
141 482.1 53.7 80.5#

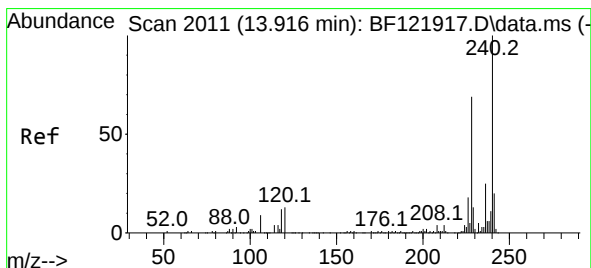
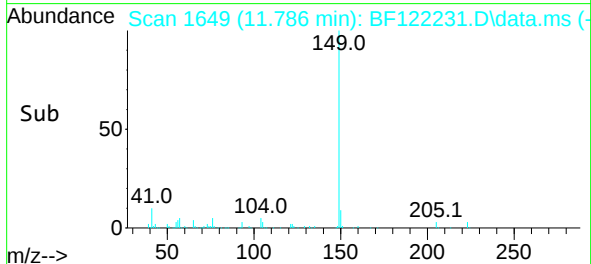
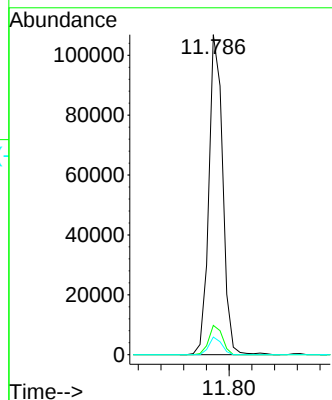
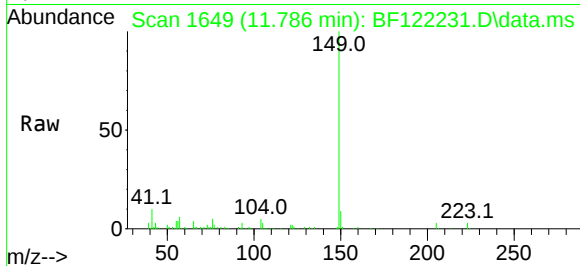




#74
Di-n-butylphthalate
Concen: 5.47 ng
RT: 11.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

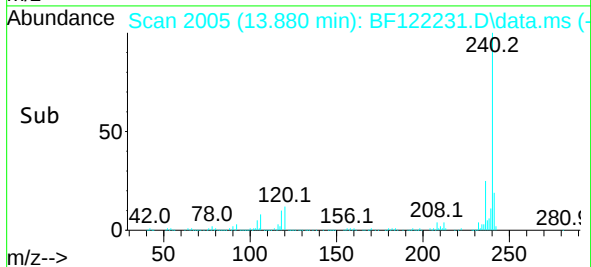
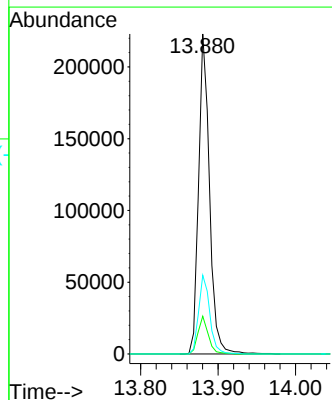
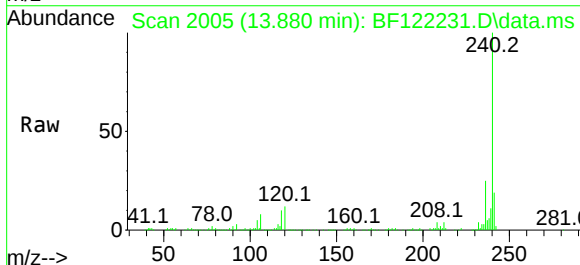
Instrument :
BNA_F
ClientSampleId :
OB-722

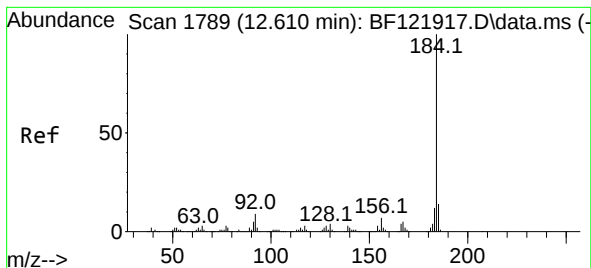
Tgt Ion:149 Resp: 90170
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122231.D
Acq: 2 Nov 2020 17:55

Tgt Ion:240 Resp: 217326
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 24.6 20.9 31.3





#77

Benzidine

Concen: 2.33 ng

RT: 12.815 min Scan# 1824

Delta R.T. 0.241 min

Lab File: BF122231.D

Acq: 2 Nov 2020 17:55

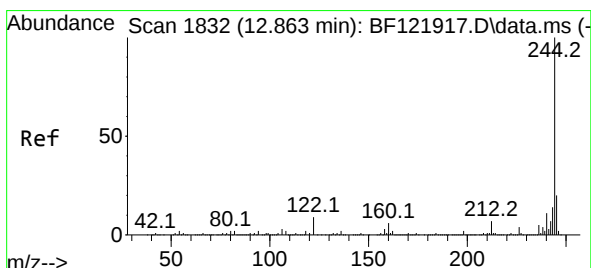
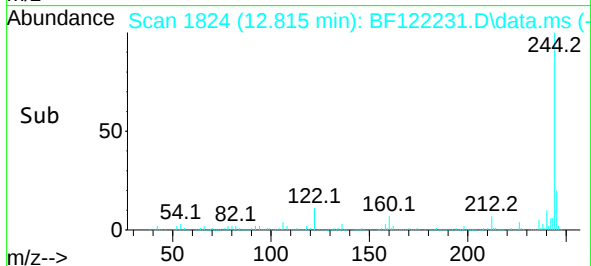
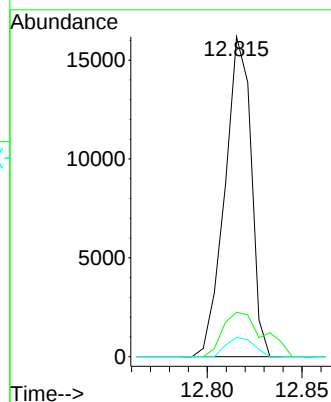
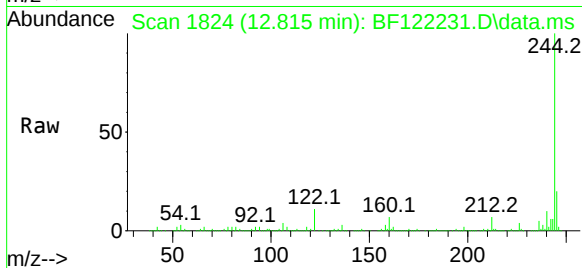
Tgt Ion:184 Resp: 15628

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 6.0 9.4 14.0#



#79

Terphenyl-d14

Concen: 102.17 ng

RT: 12.815 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF122231.D

Acq: 2 Nov 2020 17:55

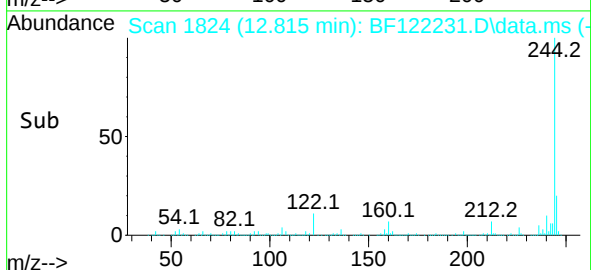
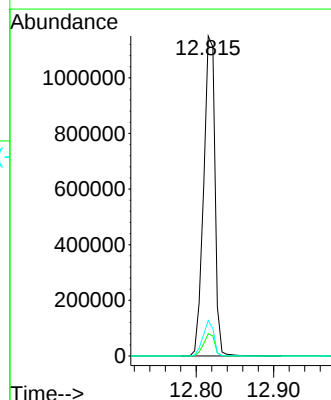
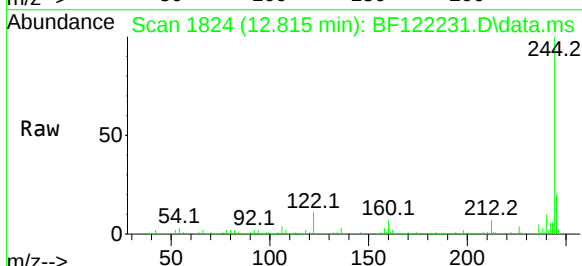
Tgt Ion:244 Resp: 1165128

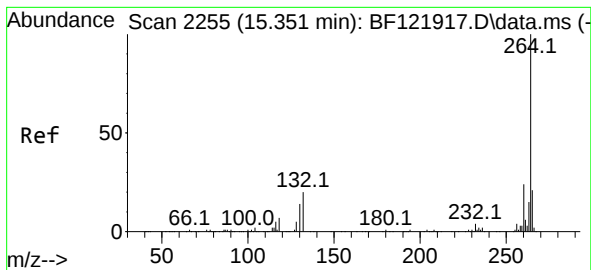
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.017 min
 Lab File: BF122231.D
 Acq: 2 Nov 2020 17:55

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tgt Ion:264 Resp: 195785
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.7 17.3 25.9

