

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122267.D
 Acq On : 4 Nov 2020 17:09
 Operator : JU/CG
 Sample : L4600-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-6

Quant Time: Nov 05 00:21:59 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)

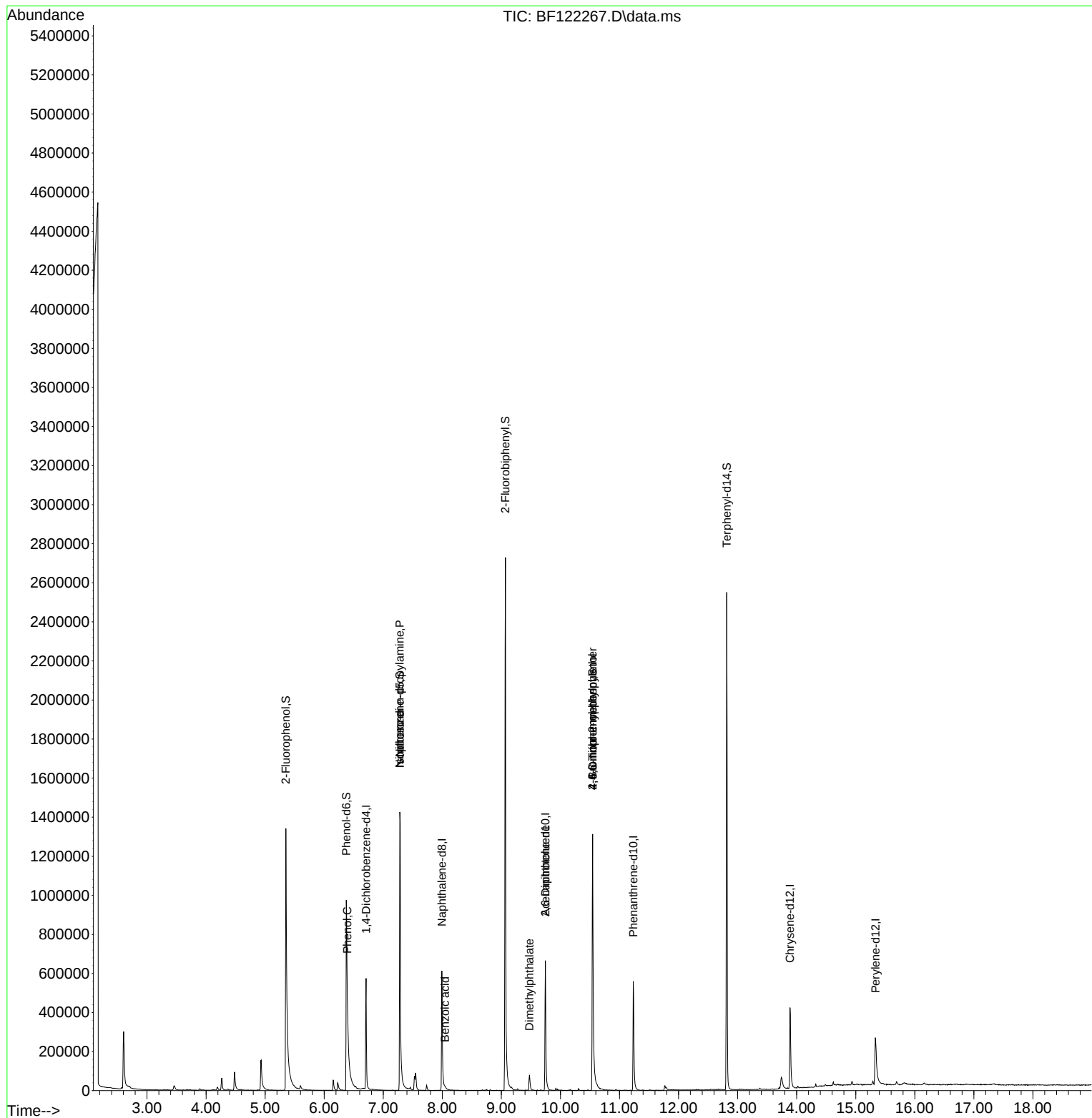
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	85122	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	339727	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	162141	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	263485	20.00	ng	0.00
76) Chrysene-d12	13.886	240	204784	20.00	ng	0.00
86) Perylene-d12	15.333	264	193552	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	612203	106.15	ng	0.02
7) Phenol-d6	6.375	99	637883	85.92	ng	0.00
23) Nitrobenzene-d5	7.281	82	598726	90.38	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	232701	116.02	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	976825	88.64	ng	0.00
79) Terphenyl-d14	12.816	244	824836	76.76	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	874	Below Cal	#	3
10) Phenol	6.392	94	19777	2.58 ng	#	23
19) n-Nitroso-di-n-propyla...	7.281	70	79450	18.80 ng	#	80
25) Isophorone	7.281	82	600734	47.96 ng	#	67
32) Benzoic acid	8.045	122	224	7.74 ng		87
50) Dimethylphthalate	9.475	163	50385	4.25 ng		99
51) 2,6-Dinitrotoluene	9.745	165	20439	7.86 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.545	198	262	4.57 ng	#	1
67) 4-Bromophenyl-phenylether	10.545	248	13305	4.37 ng	#	1

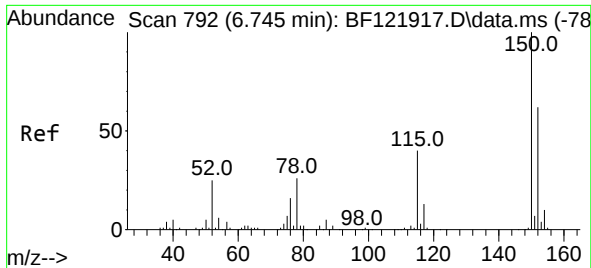
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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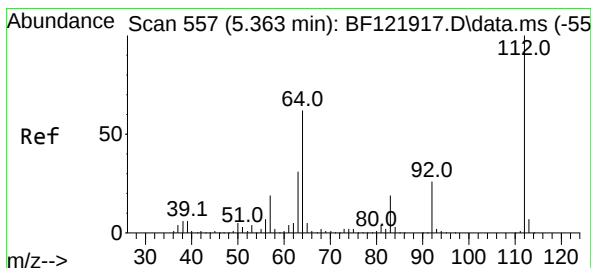
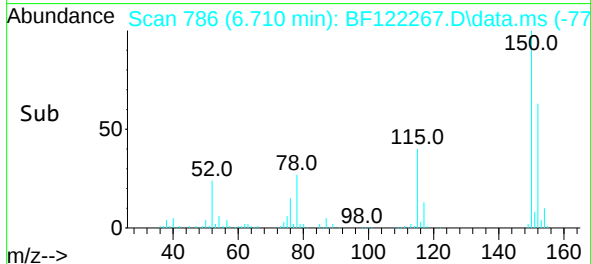
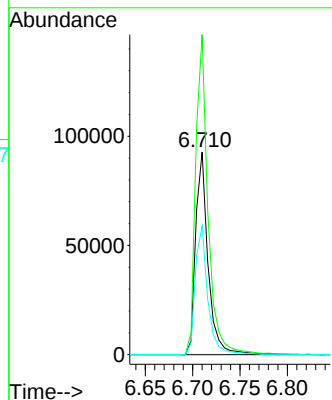
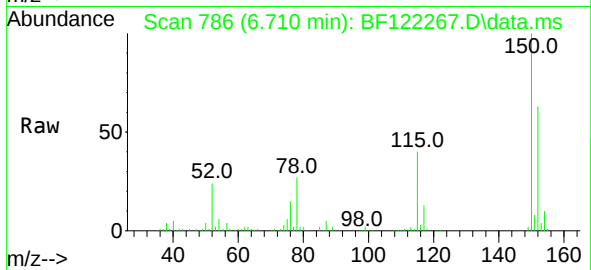




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

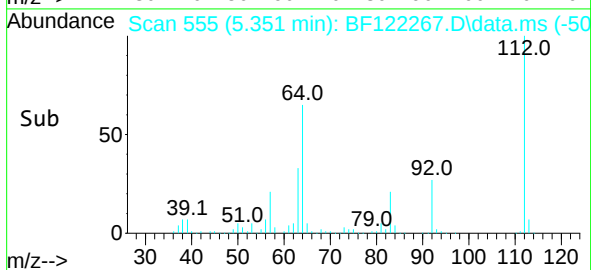
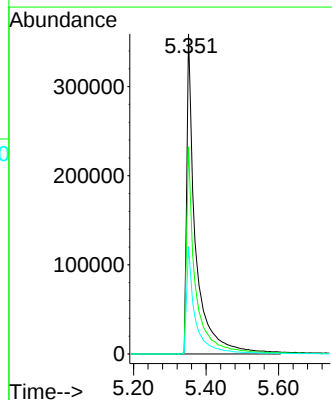
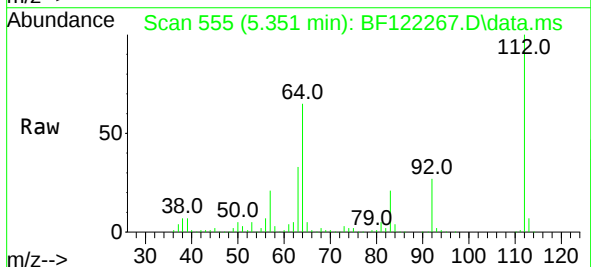
Instrument :
BNA_F
ClientSampleId :
CRT-6

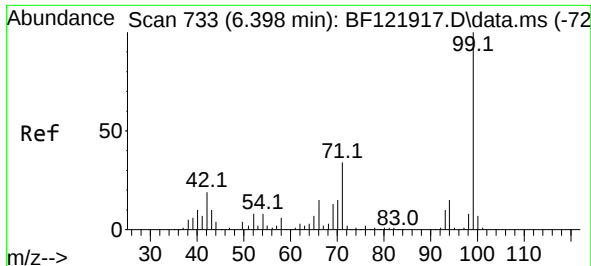
Tgt Ion:152 Resp: 85122
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 106.15 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion:112 Resp: 612203
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.5 25.8 38.6

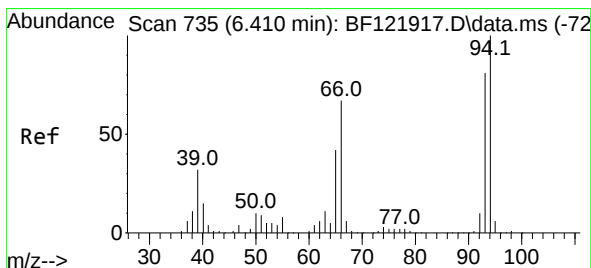
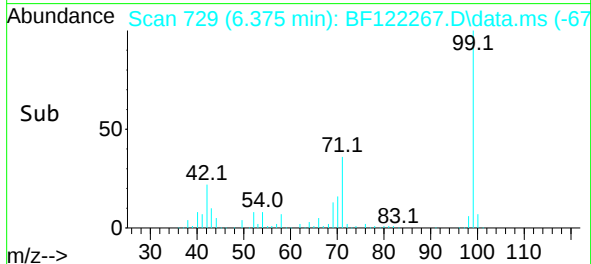
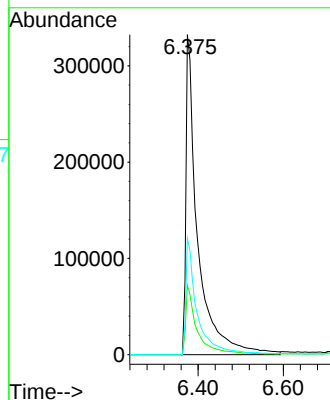
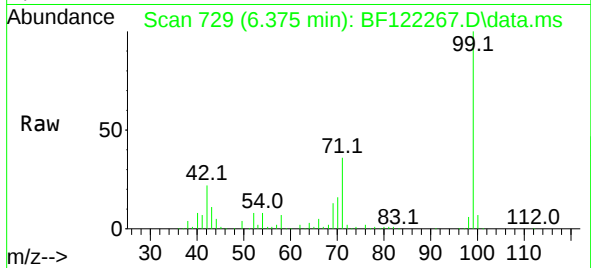




#7
Phenol-d6
Concen: 85.92 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

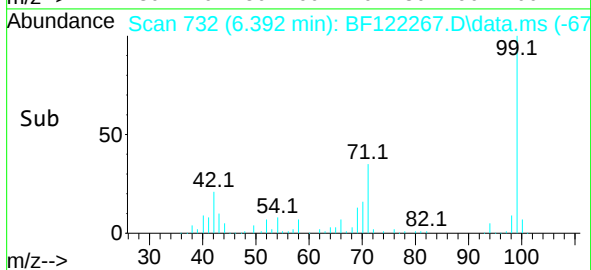
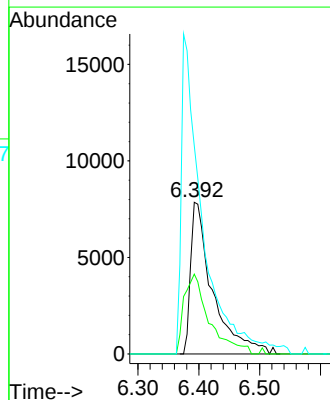
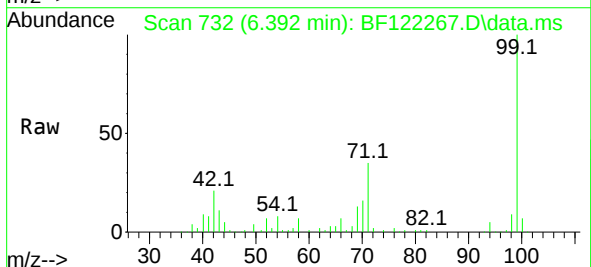
Instrument :
BNA_F
ClientSampled :
CRT-6

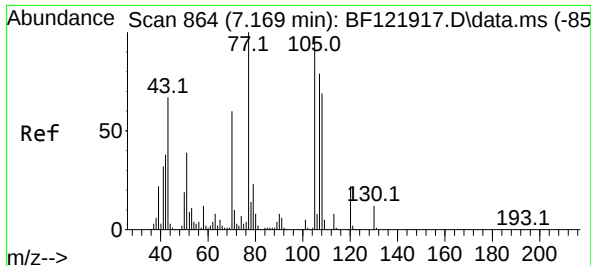
Tgt Ion: 99 Resp: 637883
Ion Ratio Lower Upper
99 100
42 21.7 15.9 23.9
71 36.4 27.1 40.7



#10
Phenol
Concen: 2.58 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.011 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion: 94 Resp: 19777
Ion Ratio Lower Upper
94 100
65 52.6 17.1 57.1
66 137.2 36.0 76.0#

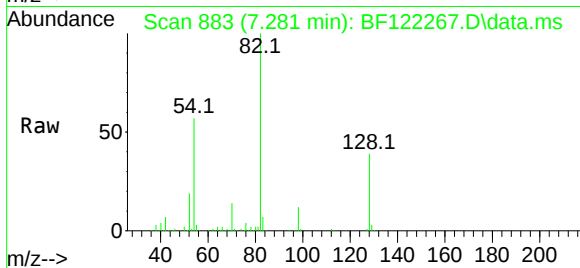




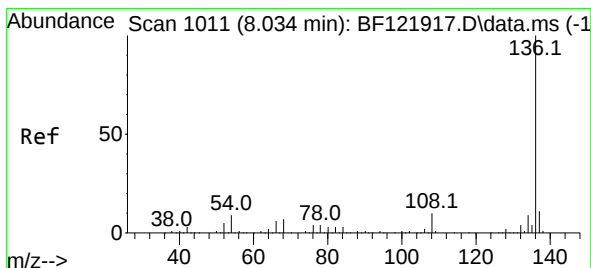
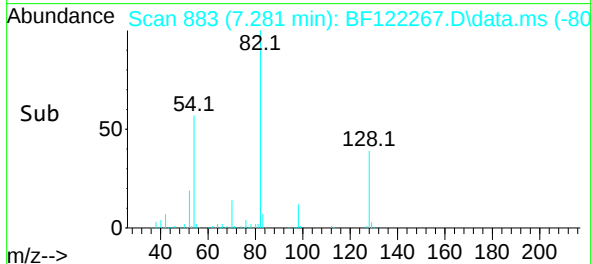
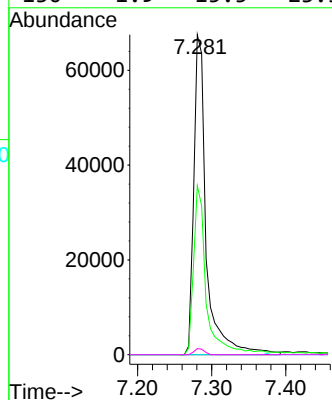
#19

n-Nitroso-di-n-propylamine
Concen: 18.80 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Instrument :
BNA_F
ClientSampleId :
CRT-6

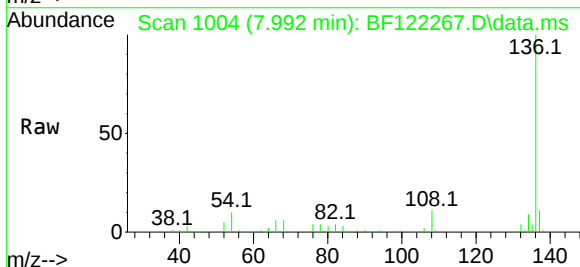


Tgt Ion:	70	Resp:	79450
Ion	Ratio	Lower	Upper
70	100		
42	52.8	50.2	75.4
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#

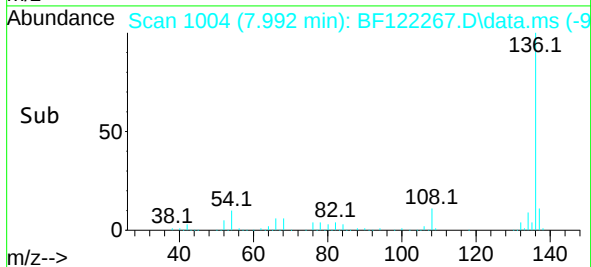
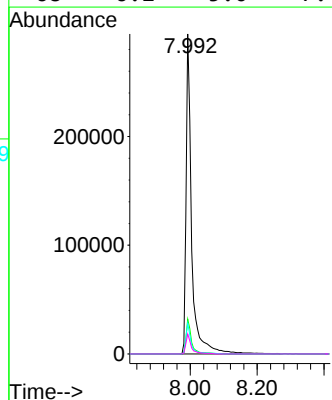


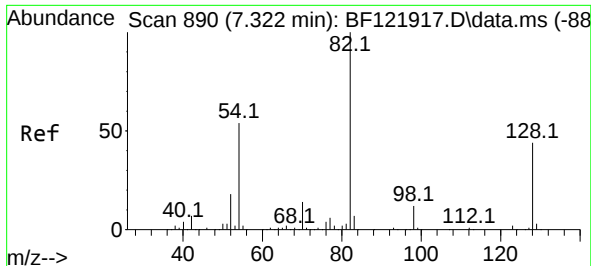
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09



Tgt Ion:	136	Resp:	339727
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	7.1	10.7
68	6.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 90.38 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122267.D

Acq: 4 Nov 2020 17:09

Tgt Ion: 82 Resp: 598726

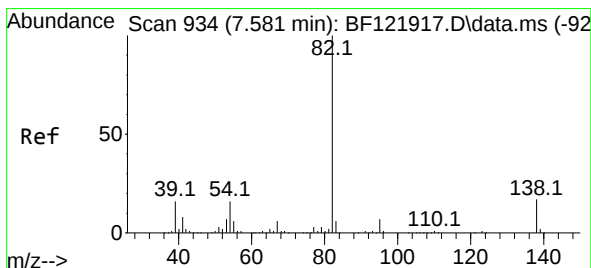
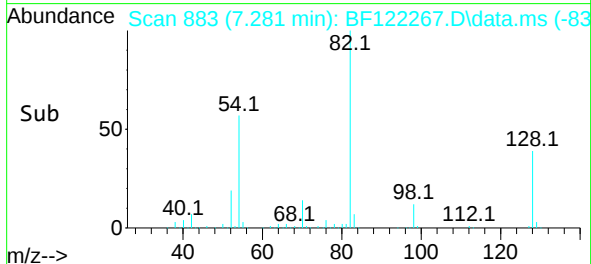
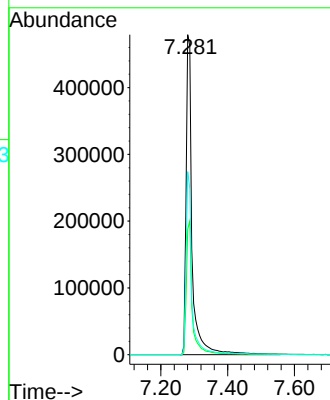
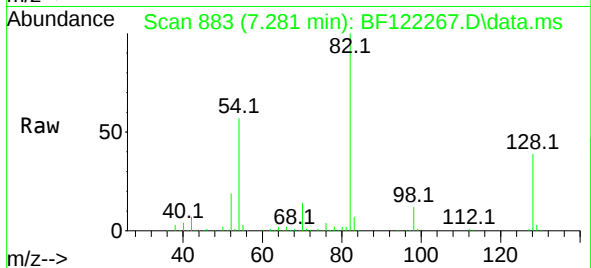
Ion	Ratio	Lower	Upper
82	100		
128	39.2	35.0	52.4
54	57.2	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

CRT-6



#25

Isophorone

Concen: 47.96 ng

RT: 7.281 min Scan# 883

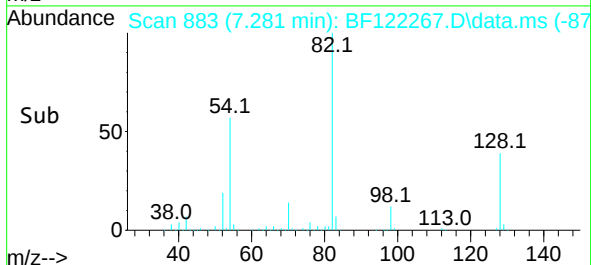
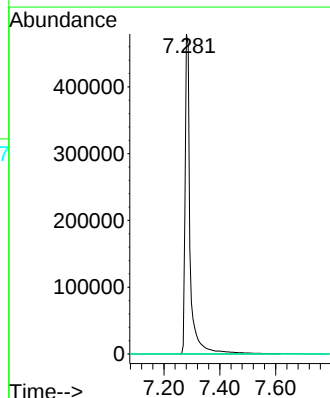
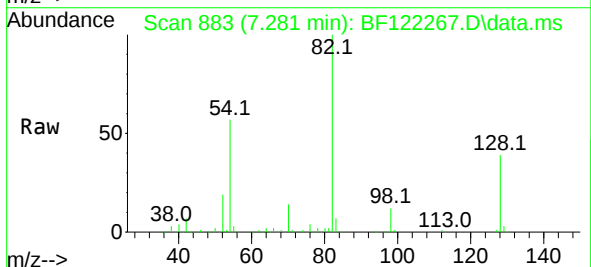
Delta R.T. -0.265 min

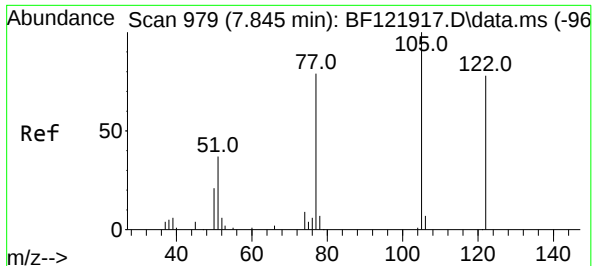
Lab File: BF122267.D

Acq: 4 Nov 2020 17:09

Tgt Ion: 82 Resp: 600734

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

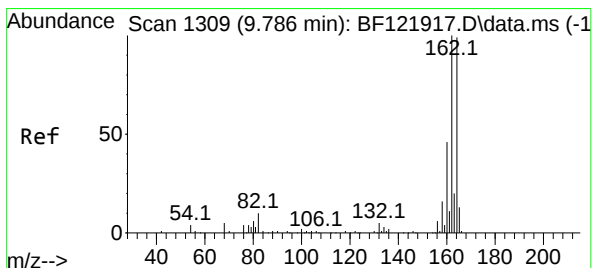
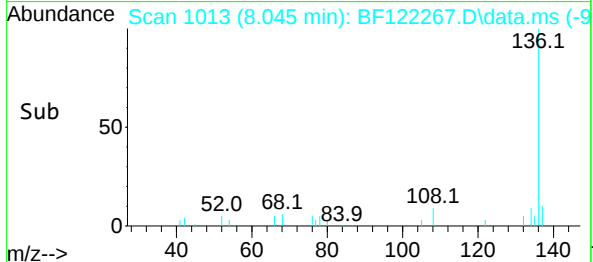
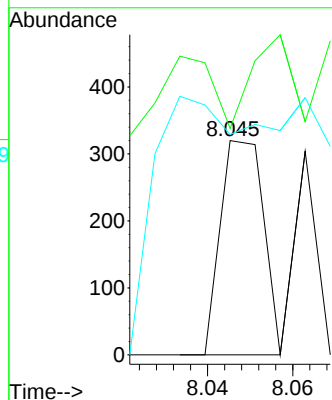
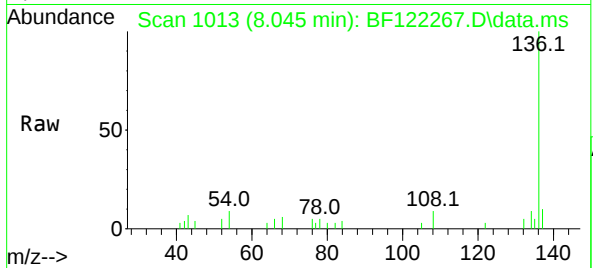




#32
Benzoic acid
Concen: 7.74 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.218 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

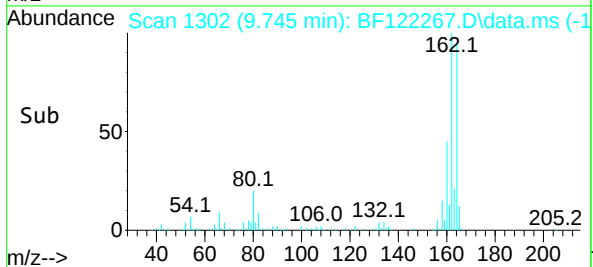
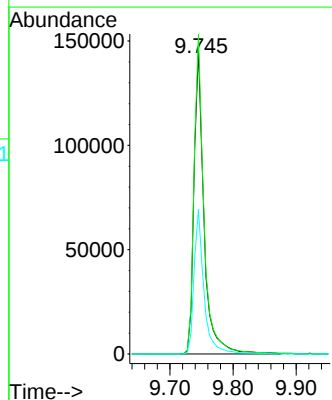
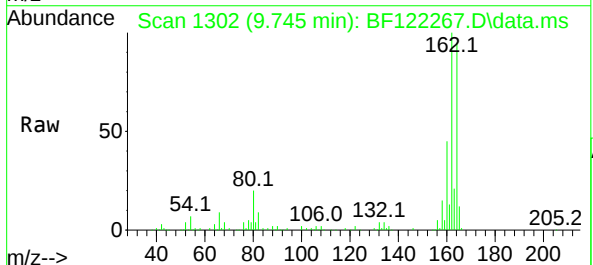
Instrument :
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ClientSampleId :
CRT-6

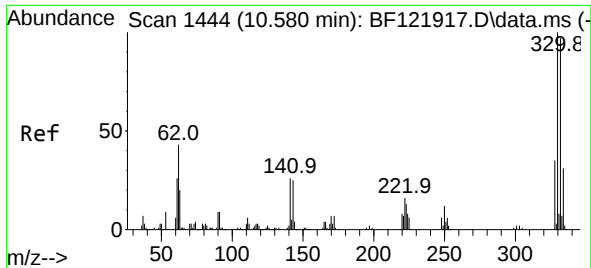
Tgt Ion:122	Resp:	224	
Ion	Ratio	Lower	Upper
122	100		
105	105.6	103.3	143.3
77	102.8	73.9	113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion:164	Resp:	162141	
Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.2	124.8
160	47.7	37.5	56.3

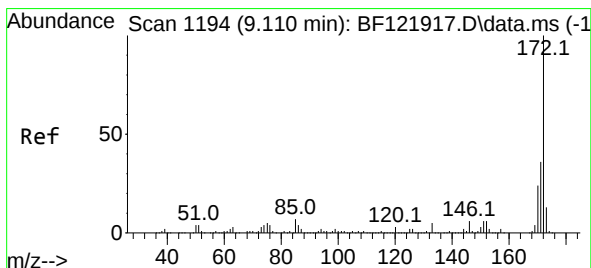
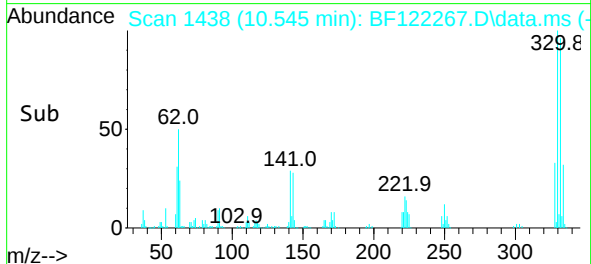
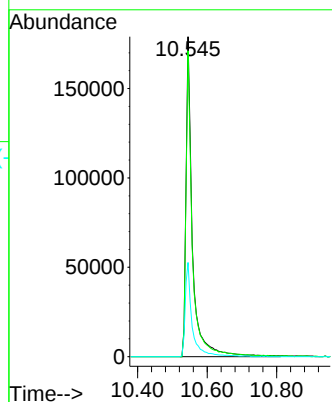
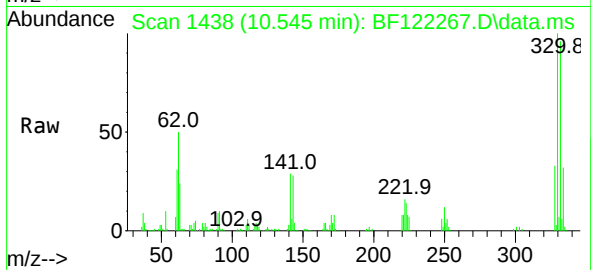




#42
2,4,6-Tribromophenol
Concen: 116.02 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

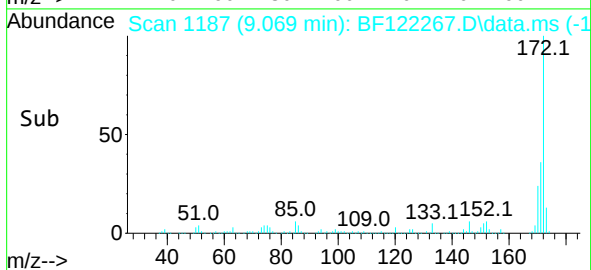
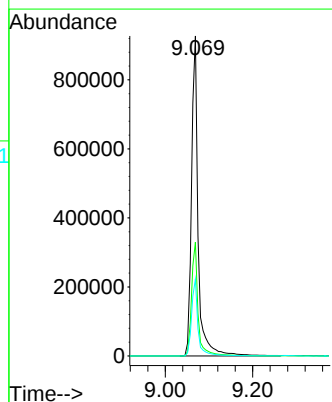
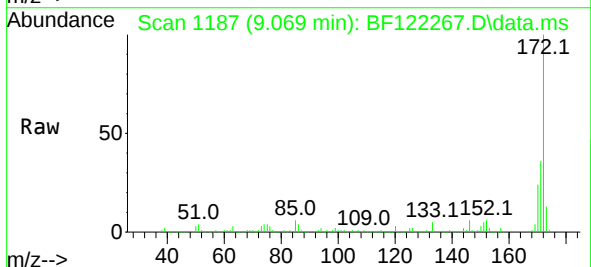
Instrument :
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ClientSampleId :
CRT-6

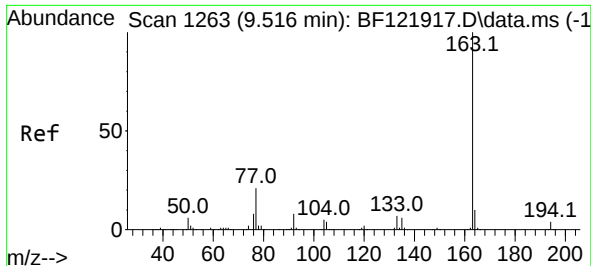
Tgt Ion:330 Resp: 232701
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 31.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 88.64 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion:172 Resp: 976825
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.0 19.8 29.6

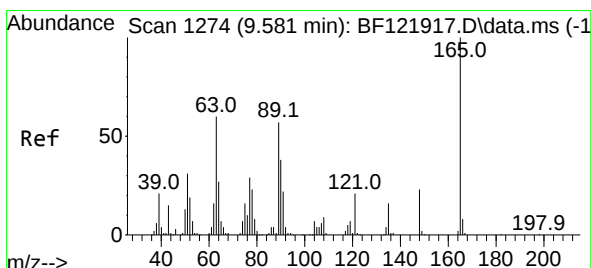
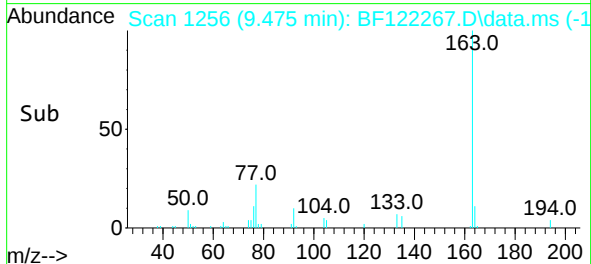
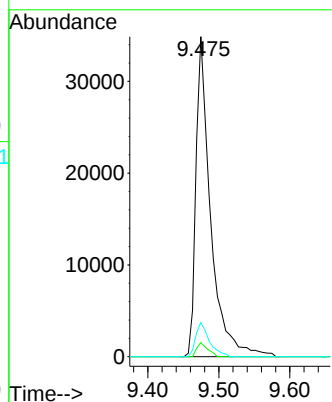
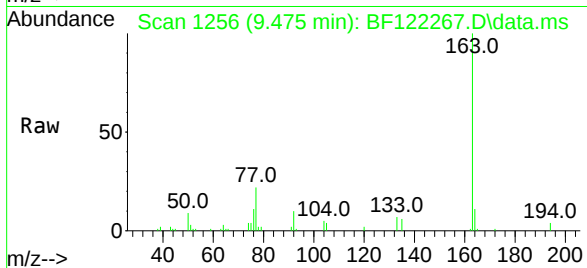




#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

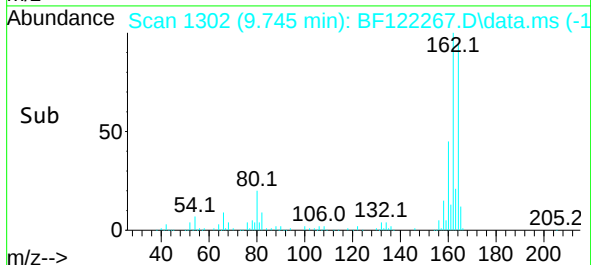
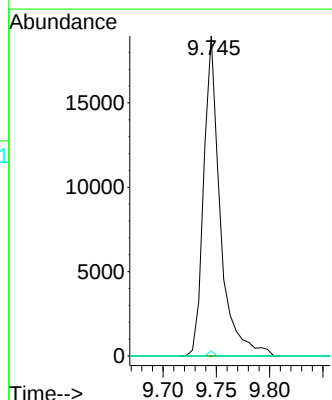
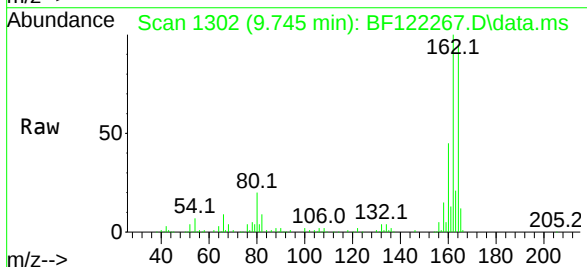
Instrument :
BNA_F
ClientSampleId :
CRT-6

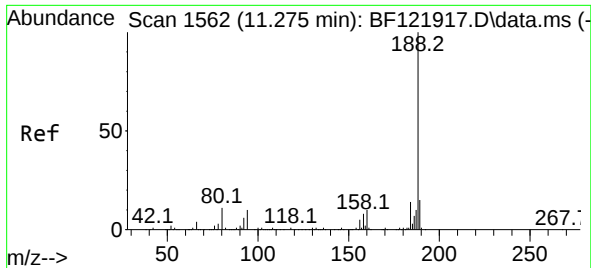
Tgt Ion:163 Resp: 50385
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.6 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion:165 Resp: 20439
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 1.6 49.0 73.6#

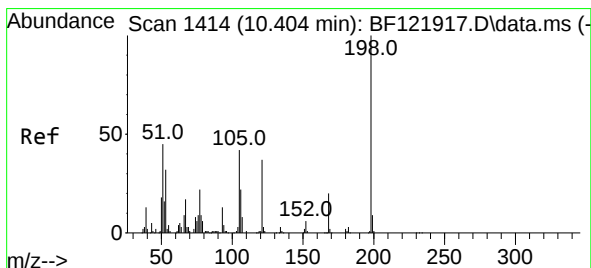
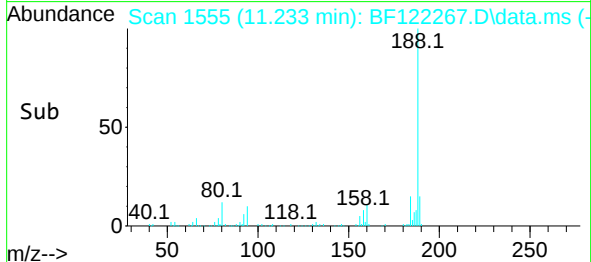
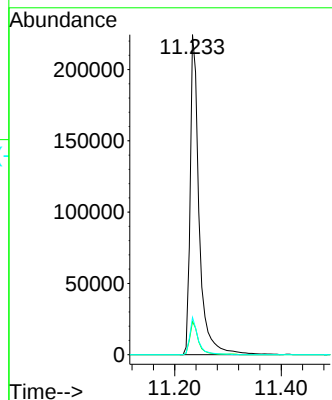
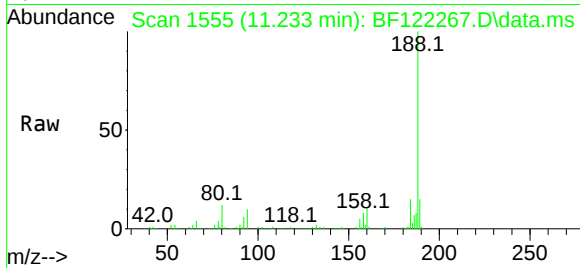




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

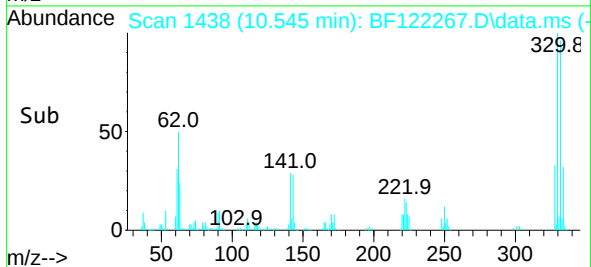
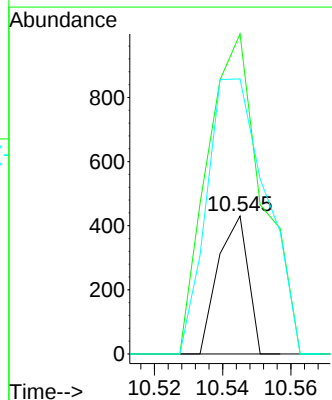
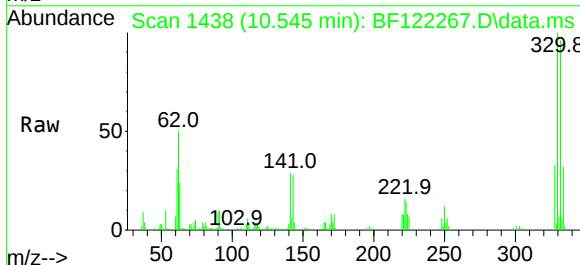
Instrument :
BNA_F
ClientSampleId :
CRT-6

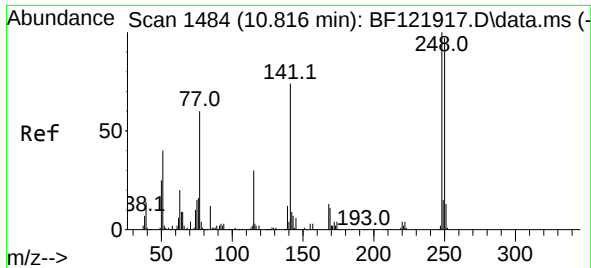
Tgt Ion:188 Resp: 263485
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.170 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion:198 Resp: 262
Ion Ratio Lower Upper
198 100
51 232.1 29.6 69.6#
105 199.5 24.4 64.4#

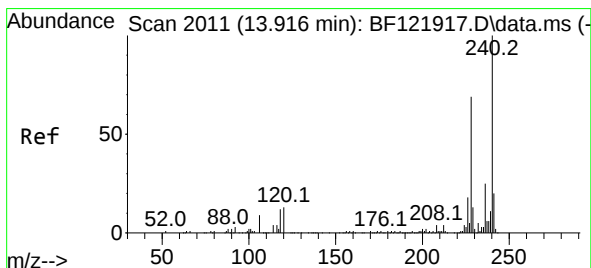
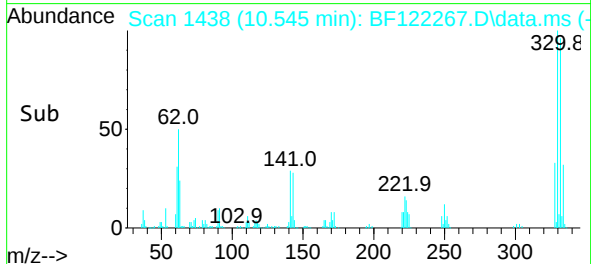
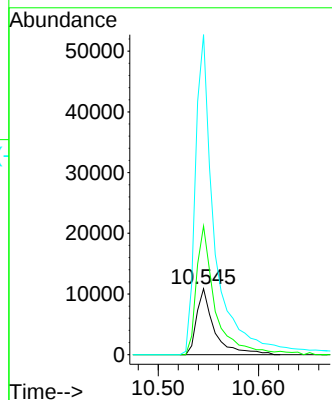
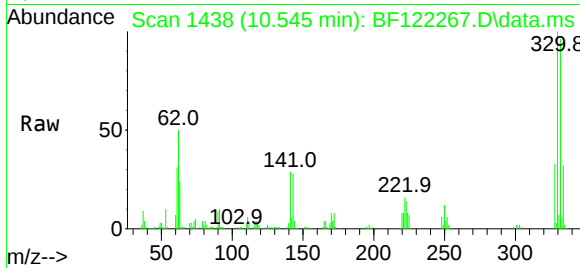




#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

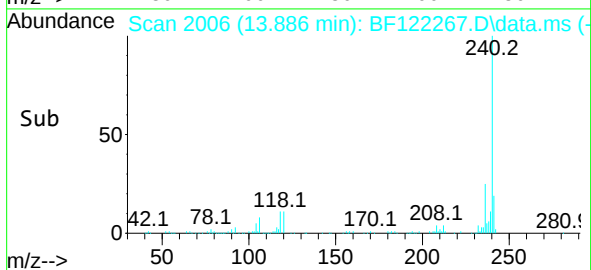
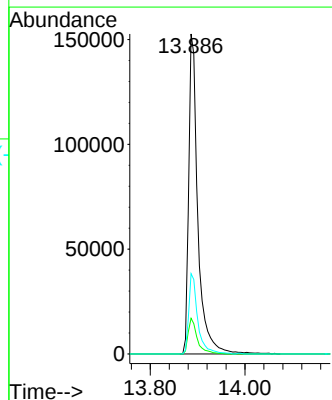
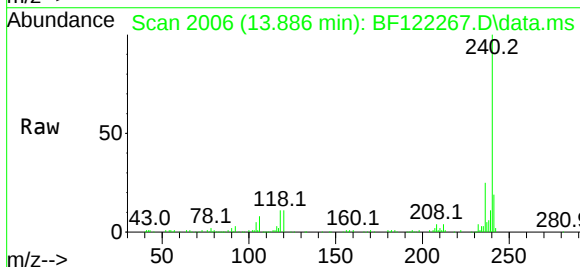
Instrument :
BNA_F
ClientSampleId :
CRT-6

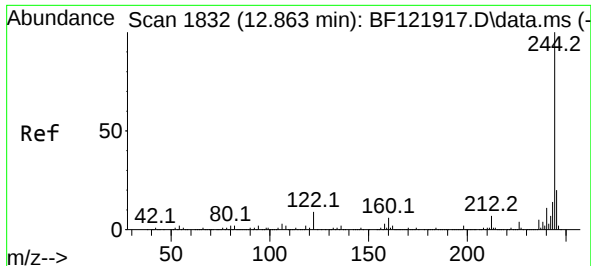
Tgt Ion:248 Resp: 13305
Ion Ratio Lower Upper
248 100
250 195.1 77.0 115.6#
141 485.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122267.D
Acq: 4 Nov 2020 17:09

Tgt Ion:240 Resp: 204784
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.1 20.9 31.3

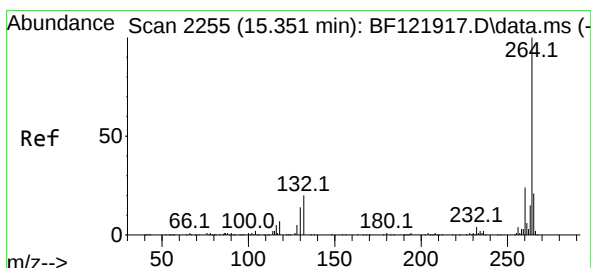
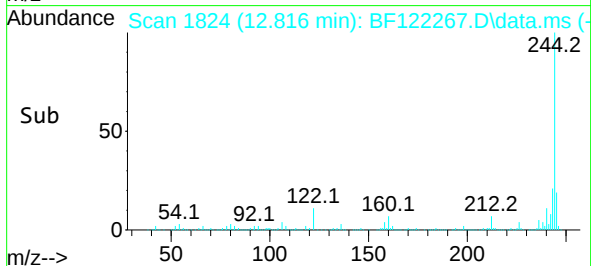
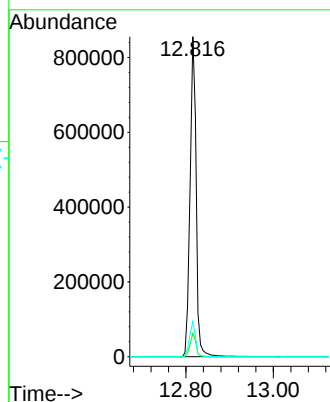
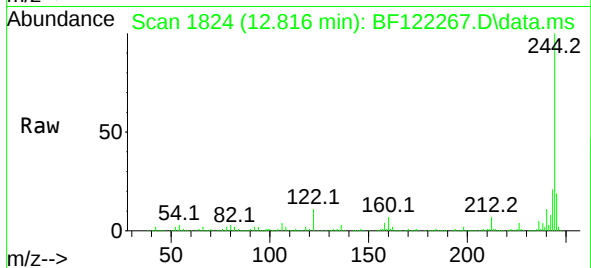




#79
 Terphenyl-d14
 Concen: 76.76 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122267.D
 Acq: 4 Nov 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 CRT-6

Tgt Ion:244 Resp: 824836
 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: 15.333 min Scan# 2252
 Delta R.T. 0.029 min
 Lab File: BF122267.D
 Acq: 4 Nov 2020 17:09

Tgt Ion:264 Resp: 193552
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.9 17.3 25.9

