

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122244.D
 Acq On : 3 Nov 2020 17:02
 Operator : JU/CG
 Sample : L4607-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OW-04

Quant Time: Nov 04 01:07:14 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)

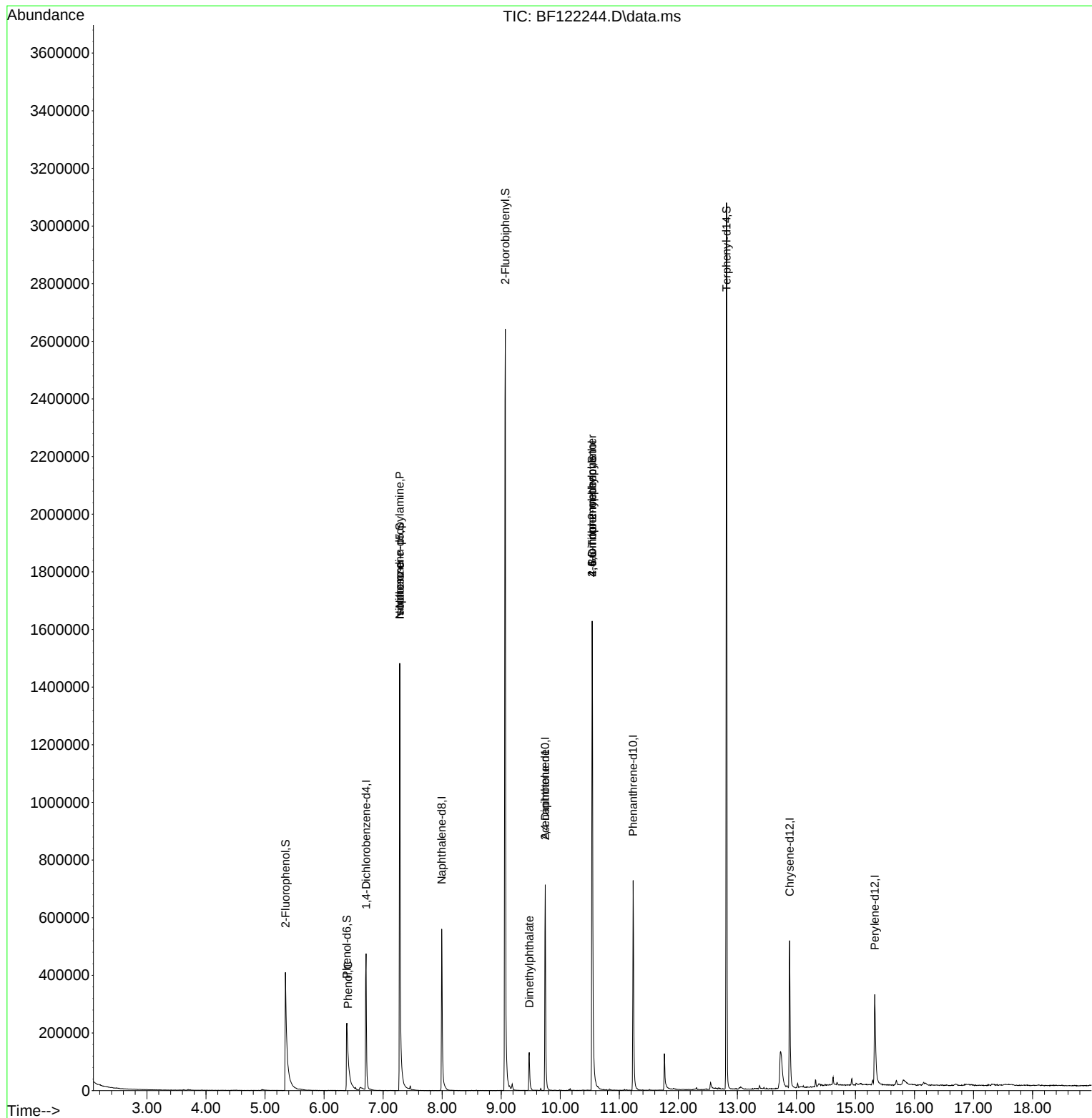
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	78325	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	311763	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	163138	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	316823	20.00	ng	0.00
76) Chrysene-d12	13.886	240	223452	20.00	ng	0.00
86) Perylene-d12	15.327	264	207847	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	255809	48.20	ng	0.01
7) Phenol-d6	6.386	99	194135	28.42	ng	0.02
23) Nitrobenzene-d5	7.280	82	568677	93.55	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	256904	127.30	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	958674	86.46	ng	0.00
79) Terphenyl-d14	12.815	244	994807	84.84	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.404	94	17675	2.51	ng	# 80
19) n-Nitroso-di-n-propyla...	7.280	70	75130	19.32	ng	# 79
25) Isophorone	7.280	82	569094	49.51	ng	# 67
50) Dimethylphthalate	9.474	163	77133	6.47	ng	100
57) 2,4-Dinitrotoluene	9.745	165	20347	6.32	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	343	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	15136	4.14	ng	# 1

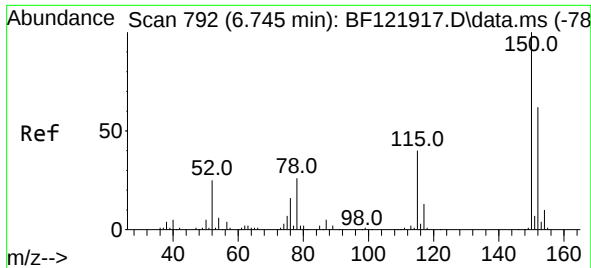
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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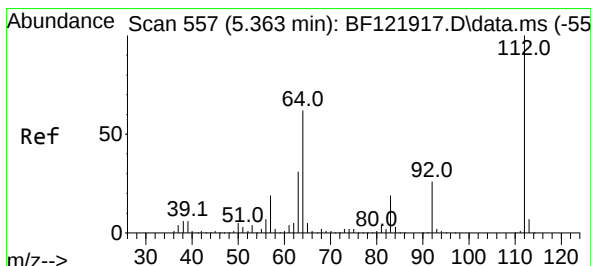
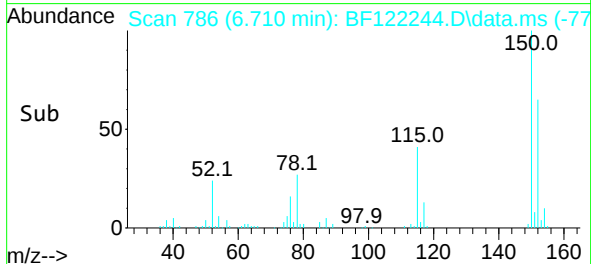
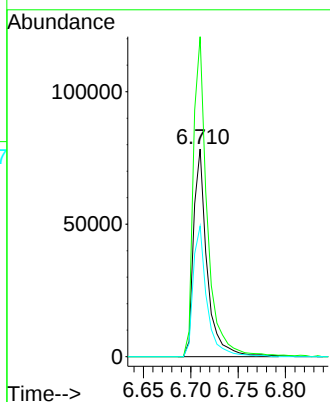
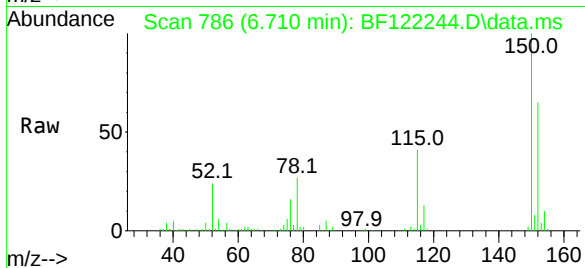




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

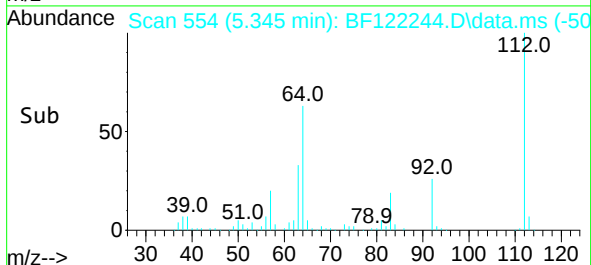
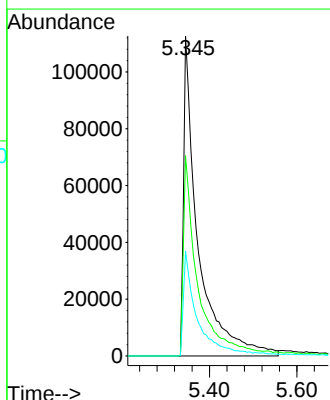
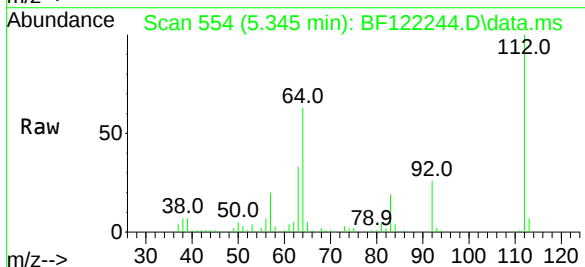
Instrument :
BNA_F
ClientSampleId :
OW-04

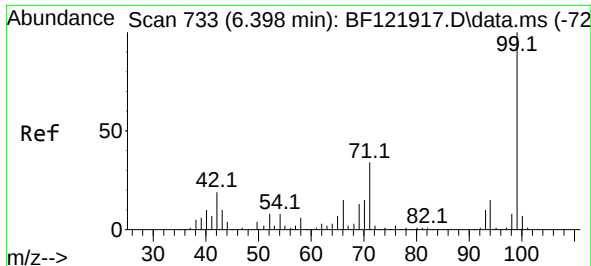
Tgt Ion:152 Resp: 78325
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 48.20 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Tgt Ion:112 Resp: 255809
Ion Ratio Lower Upper
112 100
64 62.6 50.4 75.6
63 32.8 25.8 38.6

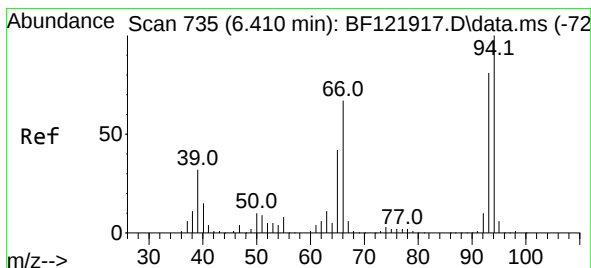
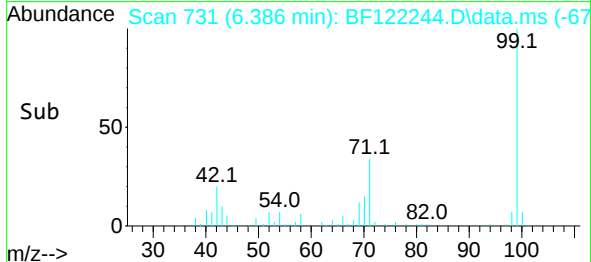
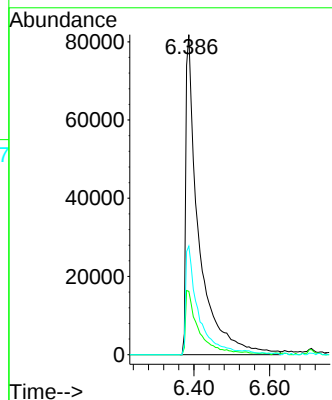
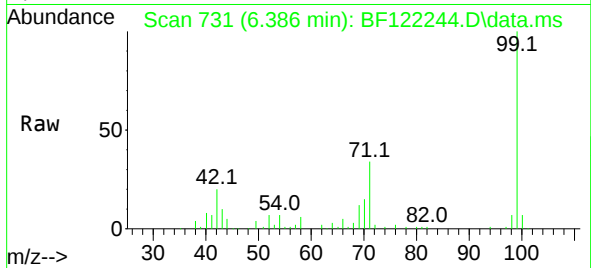




#7
Phenol-d6
Concen: 28.42 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.017 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

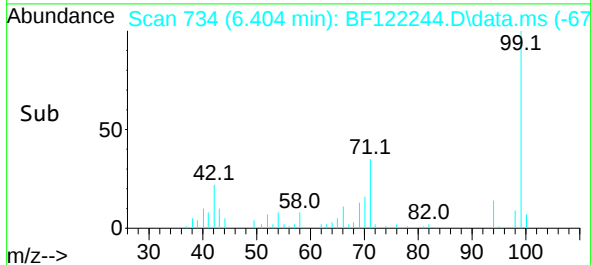
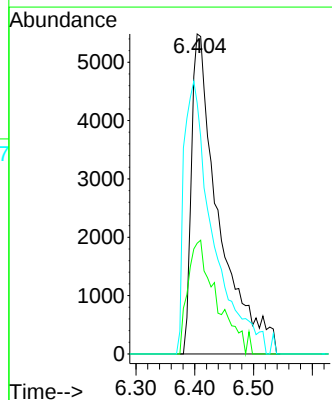
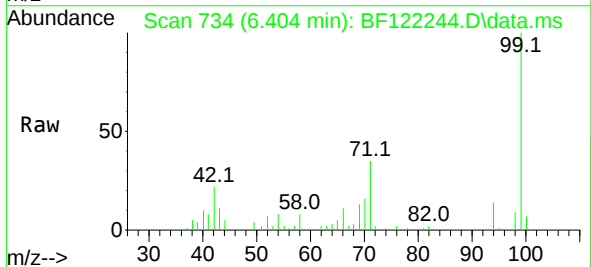
Instrument :
BNA_F
ClientSampleId :
OW-04

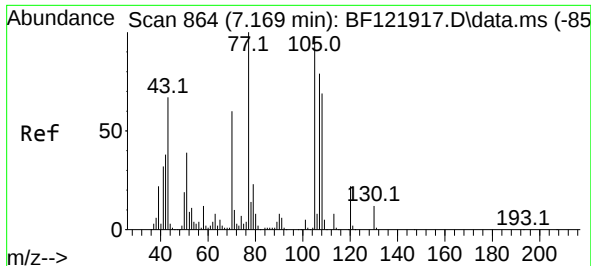
Tgt Ion: 99 Resp: 194135
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 34.0 27.1 40.7



#10
Phenol
Concen: 2.51 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.023 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Tgt Ion: 94 Resp: 17675
Ion Ratio Lower Upper
94 100
65 34.6 17.1 57.1
66 78.4 36.0 76.0#

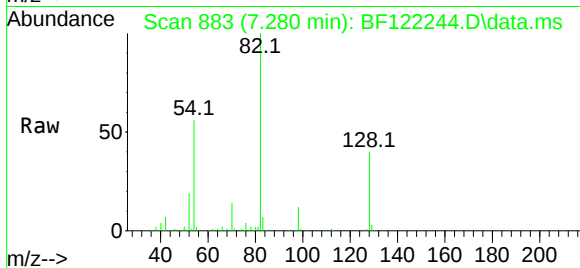




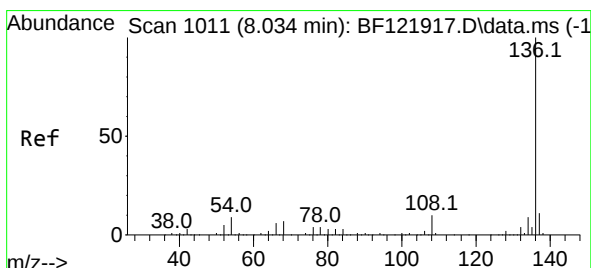
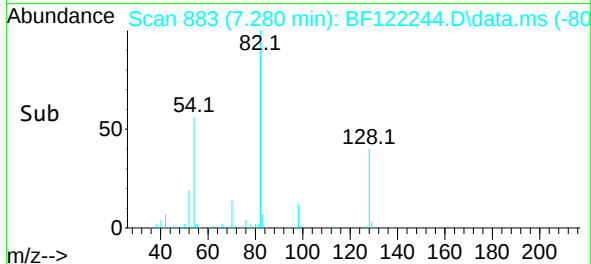
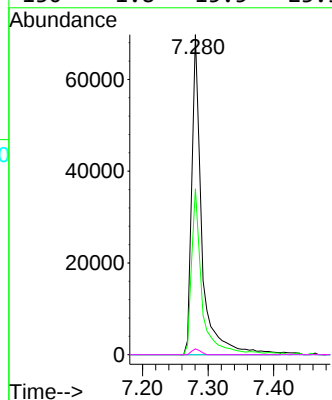
#19

n-Nitroso-di-n-propylamine
Concen: 19.32 ng
RT: 7.280 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Instrument :
BNA_F
ClientSampleId :
OW-04



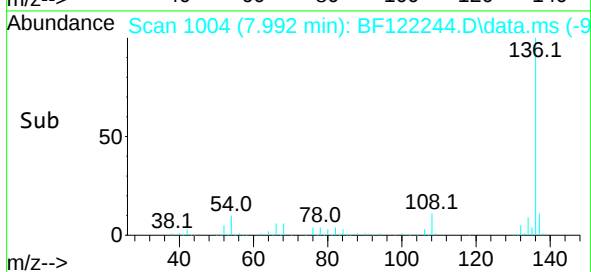
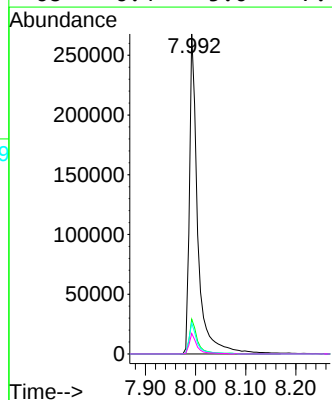
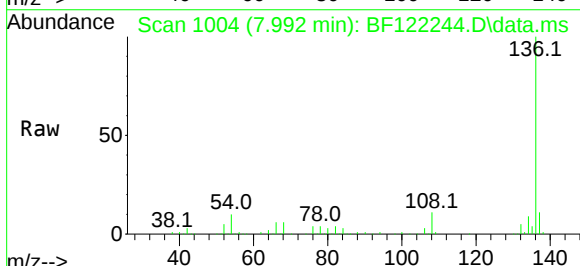
Tgt Ion:	70	Resp:	75130
Ion	Ratio	Lower	Upper
70	100		
42	51.9	50.2	75.4
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#

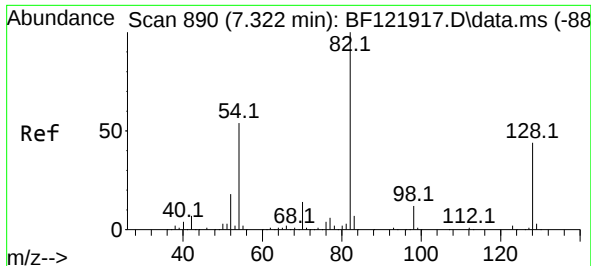


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Tgt Ion:	136	Resp:	311763
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.7	7.1	10.7
68	6.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 93.55 ng

RT: 7.280 min Scan# 883

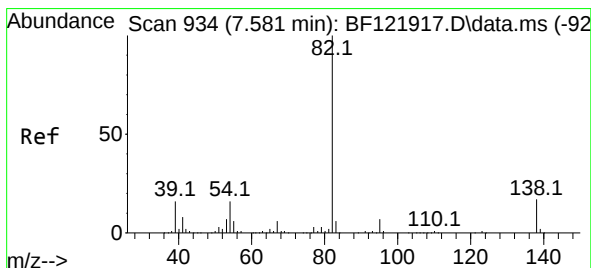
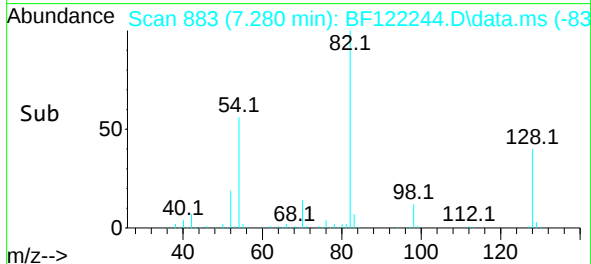
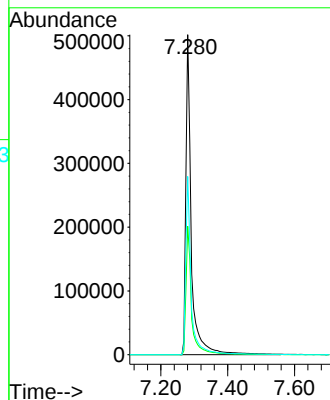
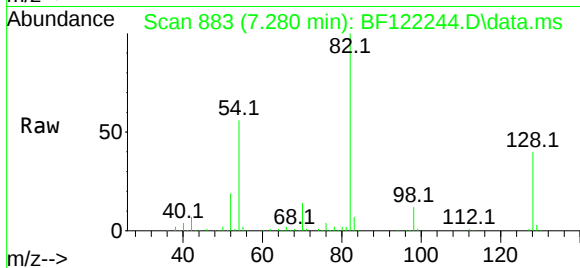
Delta R.T. -0.006 min

Lab File: BF122244.D

Acq: 3 Nov 2020 17:02

Tgt Ion: 82 Resp: 568677

Ion	Ratio	Lower	Upper
82	100		
128	40.2	35.0	52.4
54	55.7	43.9	65.9



#25

Isophorone

Concen: 49.51 ng

RT: 7.280 min Scan# 883

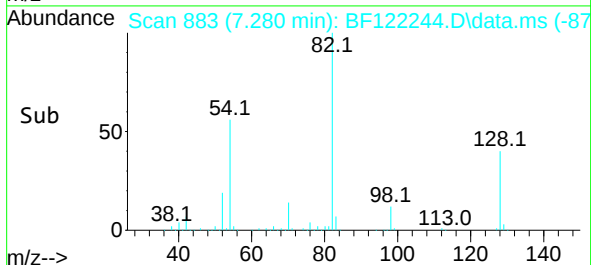
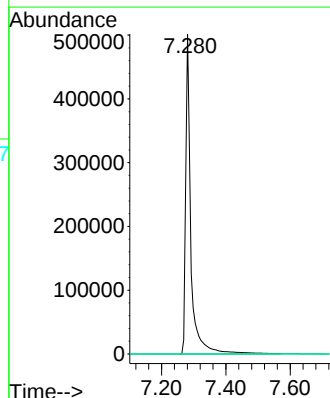
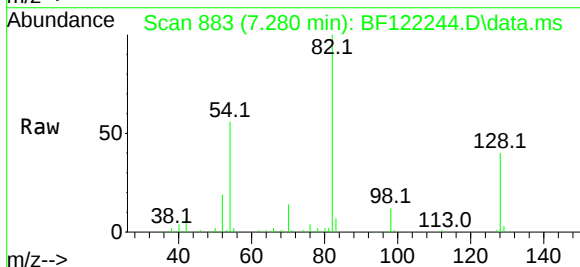
Delta R.T. -0.265 min

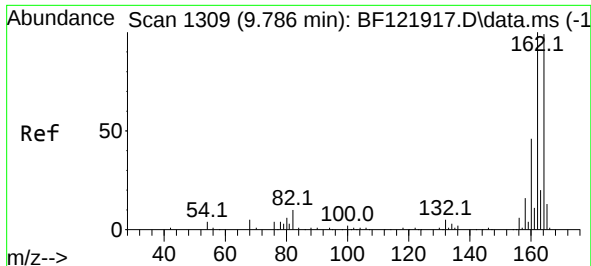
Lab File: BF122244.D

Acq: 3 Nov 2020 17:02

Tgt Ion: 82 Resp: 569094

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: BF122244.D

Acq: 3 Nov 2020 17:02

Tgt Ion:164 Resp: 163138

Ion Ratio Lower Upper

164 100

162 103.1 83.2 124.8

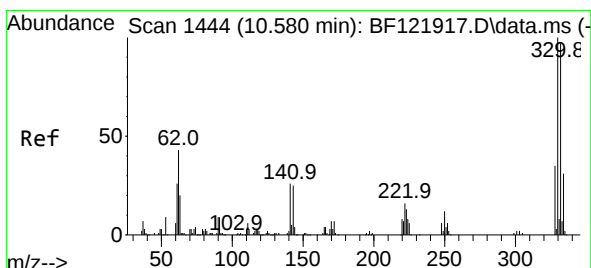
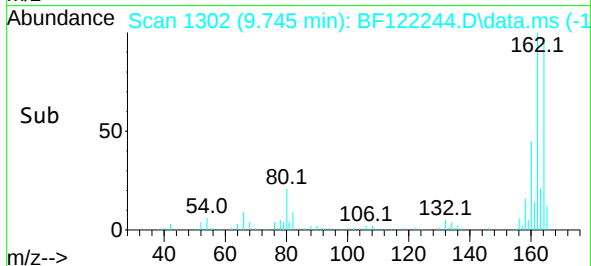
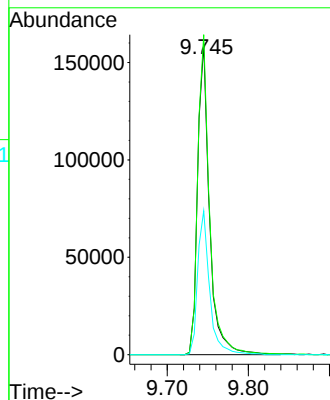
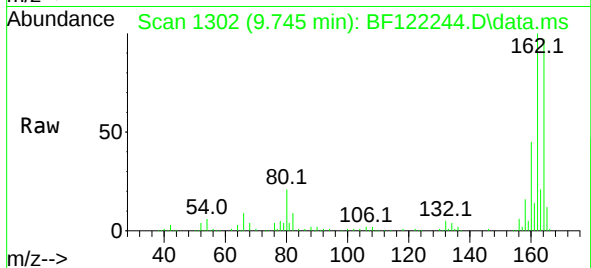
160 46.4 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

OW-04



#42

2,4,6-Tribromophenol

Concen: 127.30 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF122244.D

Acq: 3 Nov 2020 17:02

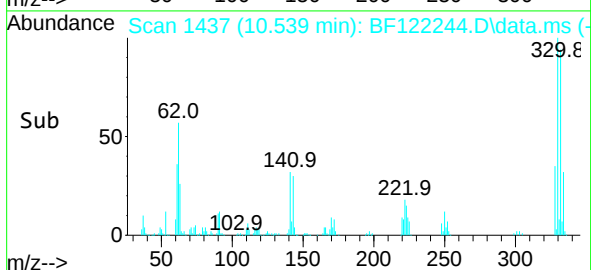
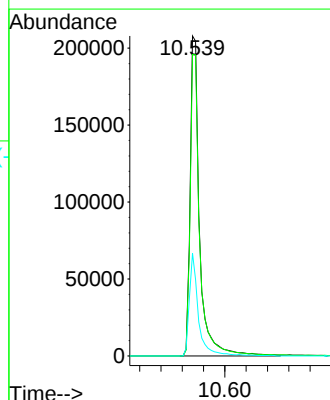
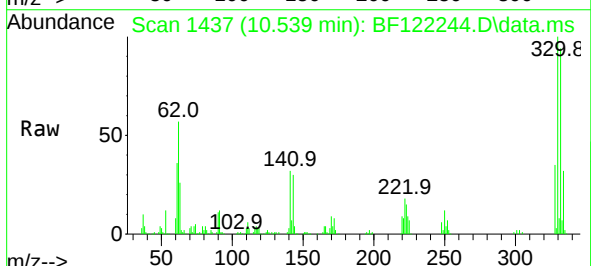
Tgt Ion:330 Resp: 256904

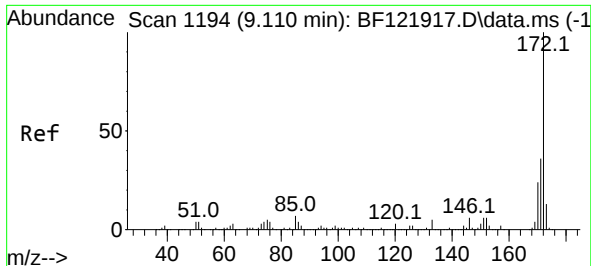
Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 30.8 22.3 33.5

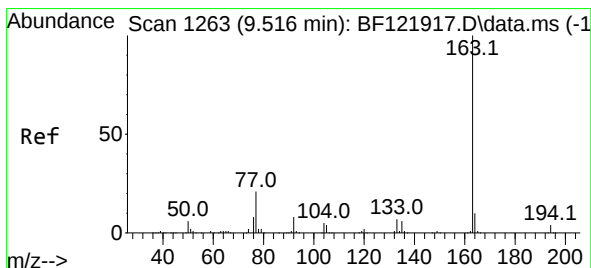
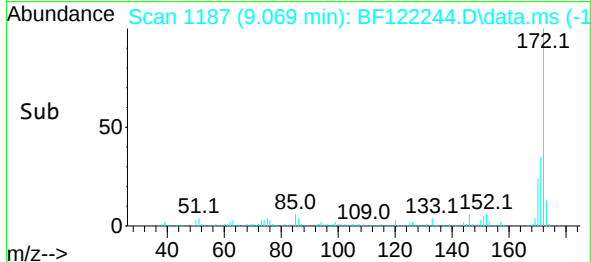
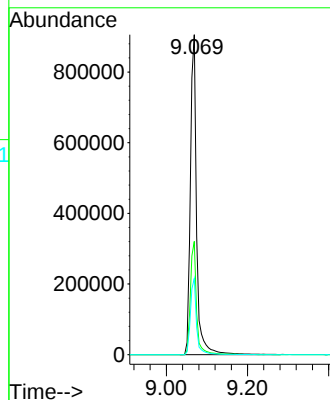
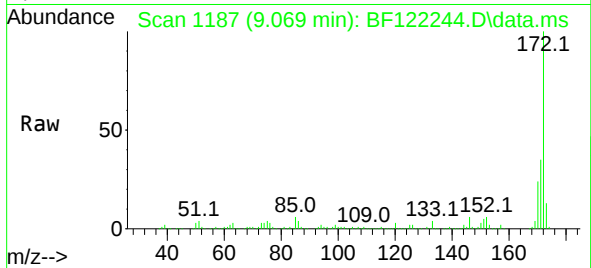




#45
2-Fluorobiphenyl
Concen: 86.46 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

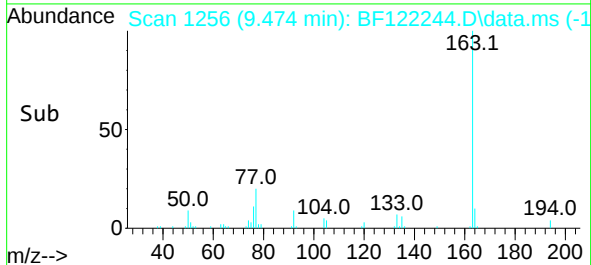
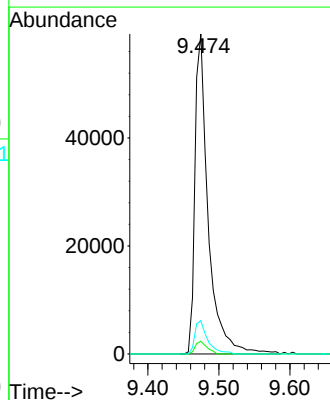
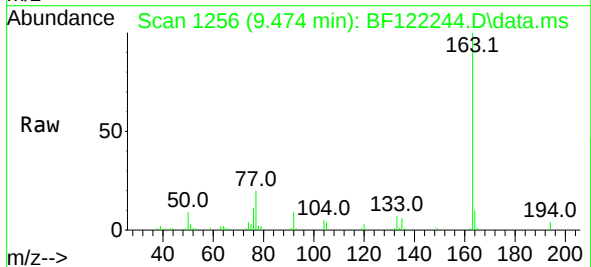
Instrument :
BNA_F
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OW-04

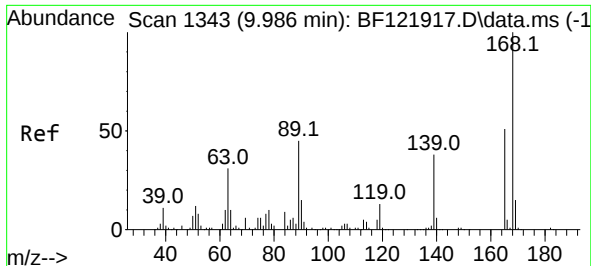
Tgt Ion:172 Resp: 958674
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 6.47 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

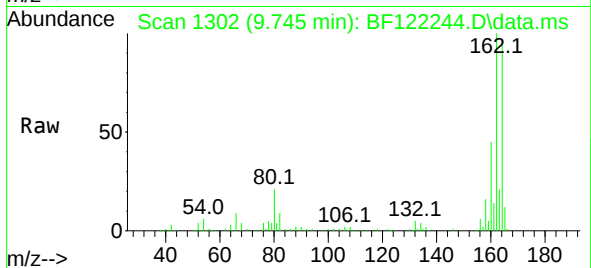
Tgt Ion:163 Resp: 77133
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4



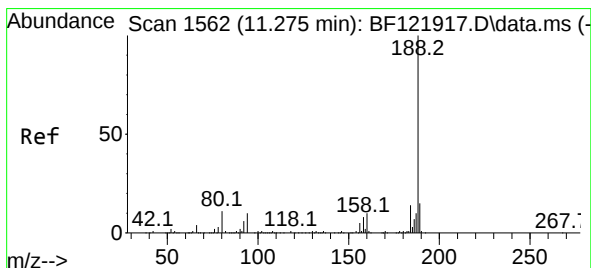
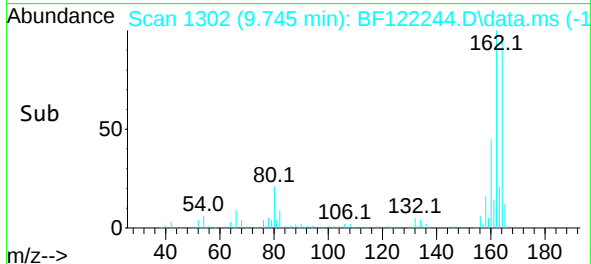
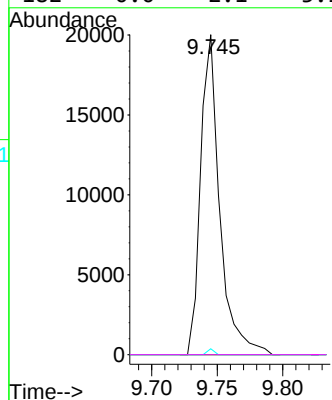


#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Instrument :
BNA_F
ClientSampleId :
OW-04

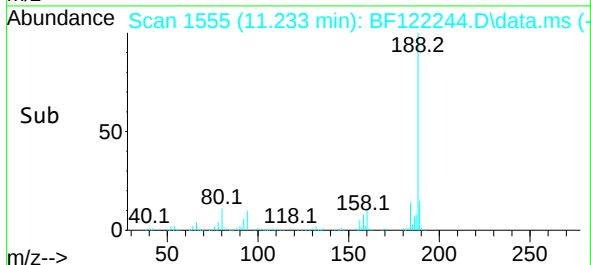
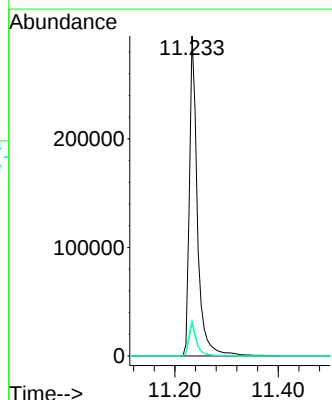
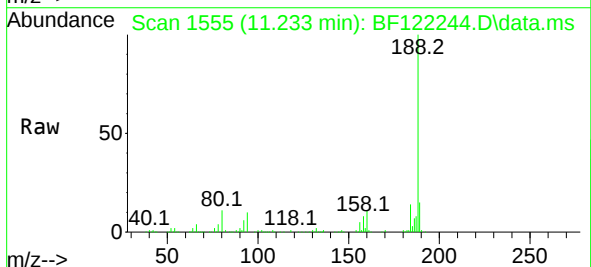


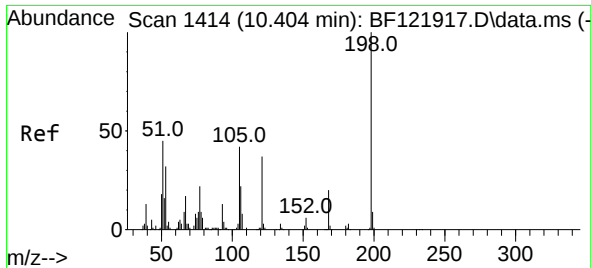
Tgt Ion:165 Resp: 20347
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Tgt Ion:188 Resp: 316823
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.0 9.1 13.7

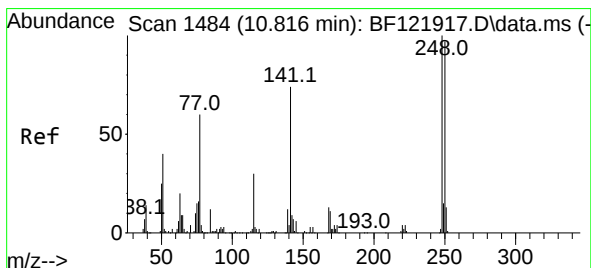
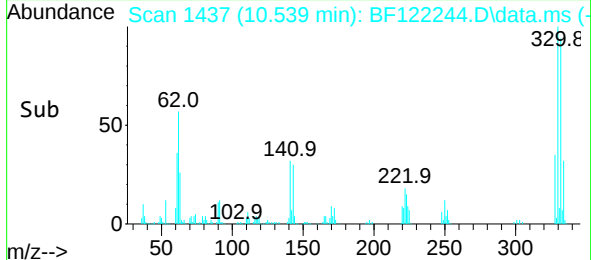
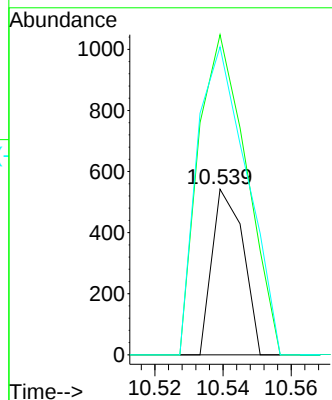
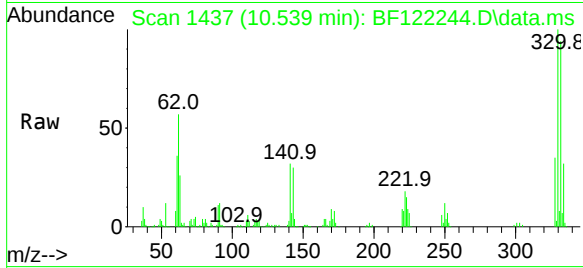




#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.164 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

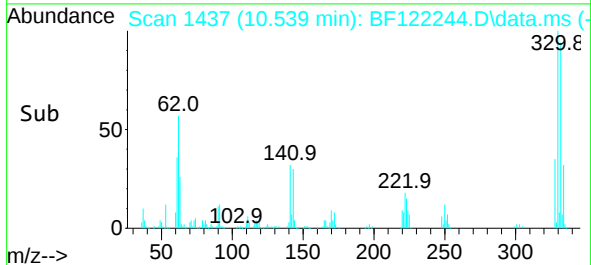
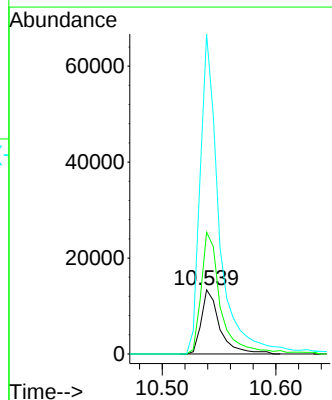
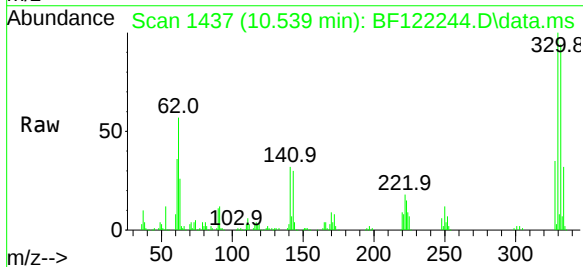
Instrument :
BNA_F
ClientSampled :
OW-04

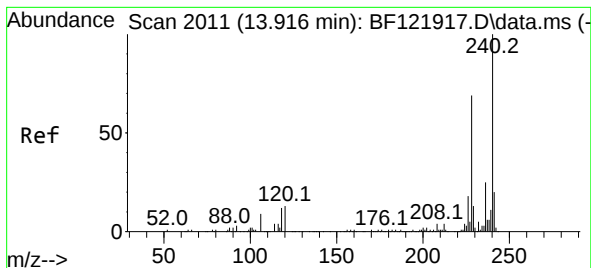
Tgt Ion:198 Resp: 343
Ion Ratio Lower Upper
198 100
51 193.4 29.6 69.6#
105 186.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.236 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Tgt Ion:248 Resp: 15136
Ion Ratio Lower Upper
248 100
250 189.9 77.0 115.6#
141 498.9 53.7 80.5#

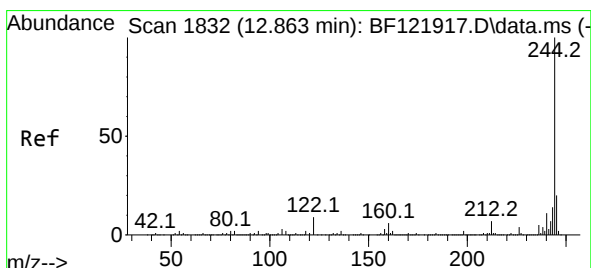
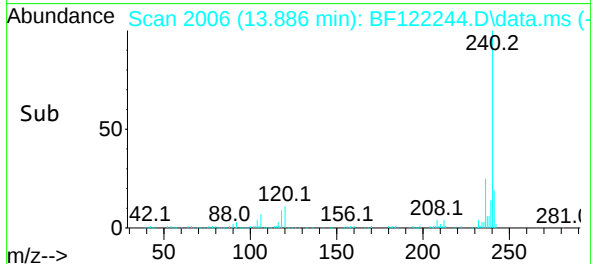
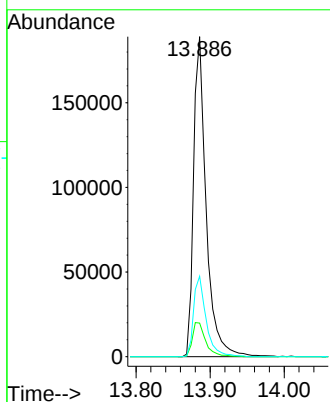
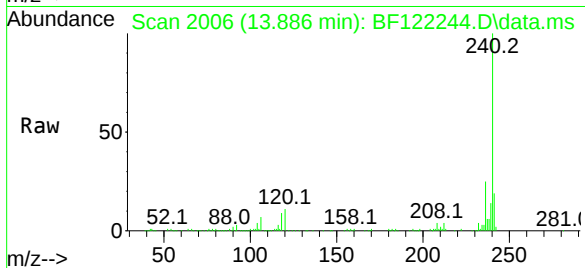




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

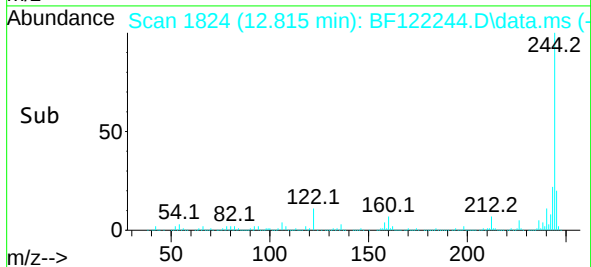
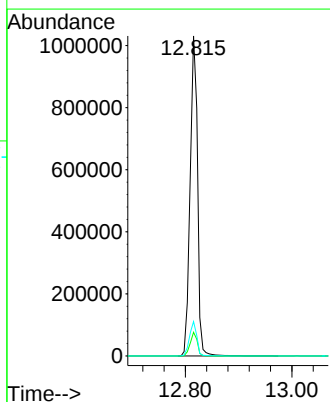
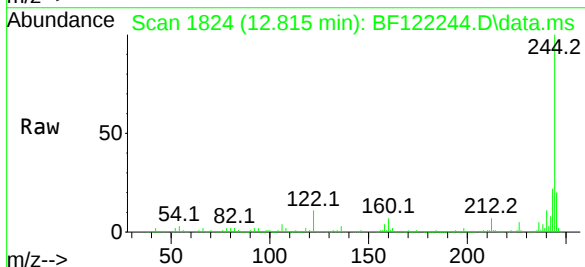
Instrument :
BNA_F
ClientSampleId :
OW-04

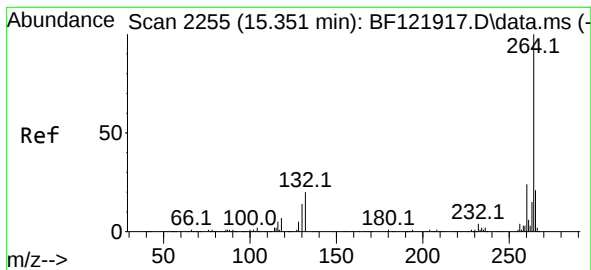
Tgt Ion:240 Resp: 223452
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 84.84 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122244.D
Acq: 3 Nov 2020 17:02

Tgt Ion:244 Resp: 994807
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.8 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.023 min
 Lab File: BF122244.D
 Acq: 3 Nov 2020 17:02

Instrument :
 BNA_F
 ClientSampleId :
 OW-04

Tgt Ion:264 Resp: 207847
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.9 17.3 25.9

