

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122170.D
 Acq On : 29 Oct 2020 18:14
 Operator : JU/CG
 Sample : L4531-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-A-B-C

Quant Time: Oct 29 19:01:14 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)

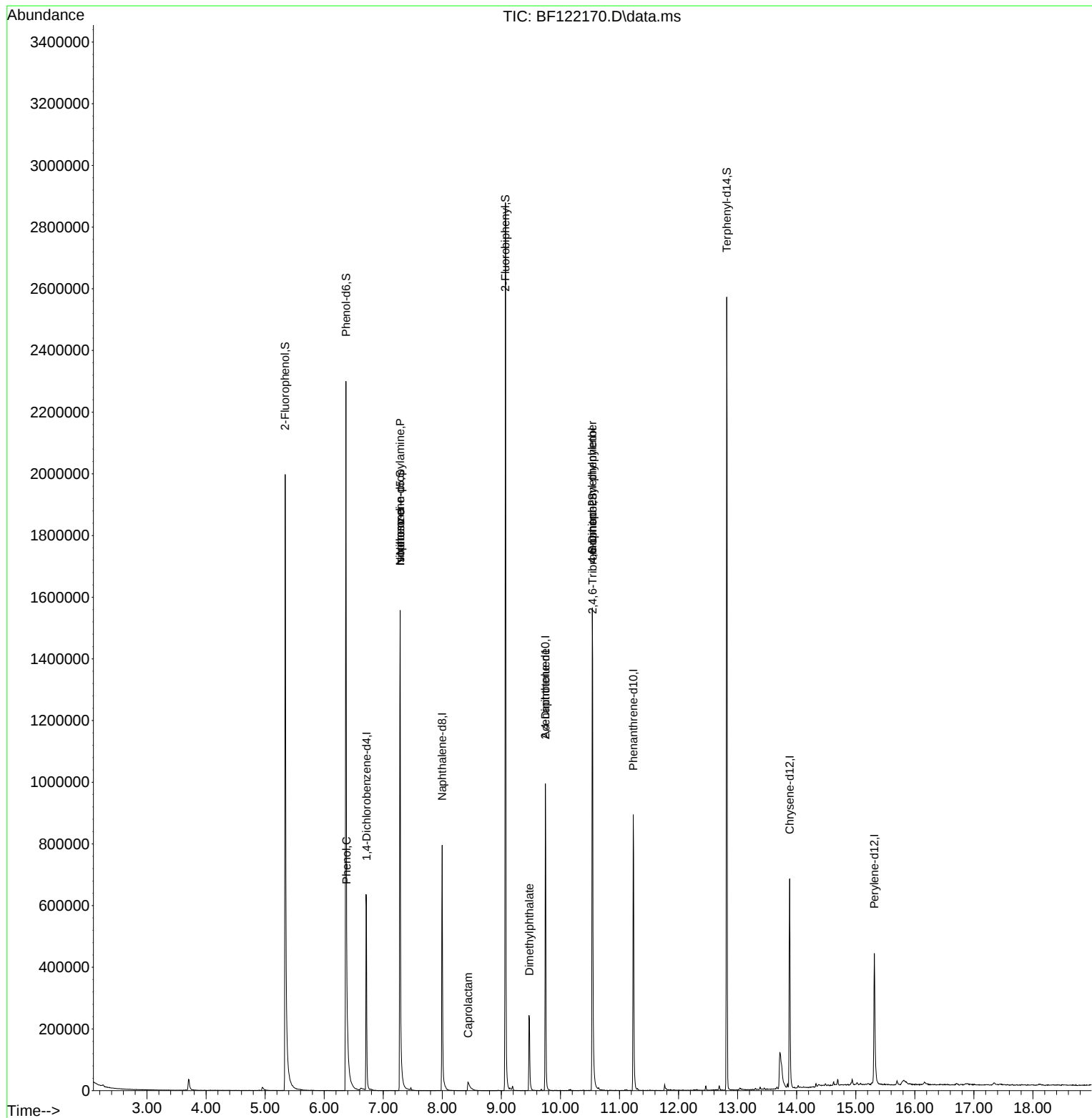
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	101447	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	404321	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	203474	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	379780	20.00	ng	0.00
76) Chrysene-d12	13.880	240	252987	20.00	ng	0.00
86) Perylene-d12	15.315	264	225071	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	680179	98.96	ng	0.00
7) Phenol-d6	6.369	99	855658	96.70	ng	0.00
23) Nitrobenzene-d5	7.286	82	559124	70.92	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	237316	94.29	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	890955	64.43	ng	0.00
79) Terphenyl-d14	12.816	244	816783	61.53	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1558	Below Cal	#	3
10) Phenol	6.381	94	45433	4.98 ng		95
19) n-Nitroso-di-n-propyla...	7.286	70	74261	14.74 ng	#	80
25) Isophorone	7.286	82	559122	37.51 ng	#	67
35) Caprolactam	8.439	113	7667	3.90 ng		93
50) Dimethylphthalate	9.475	163	124340	8.36 ng		100
57) 2,4-Dinitrotoluene	9.745	165	25707	6.40 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.539	198	321	4.55 ng	#	1
67) 4-Bromophenyl-phenylether	10.539	248	14337	3.27 ng	#	1

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

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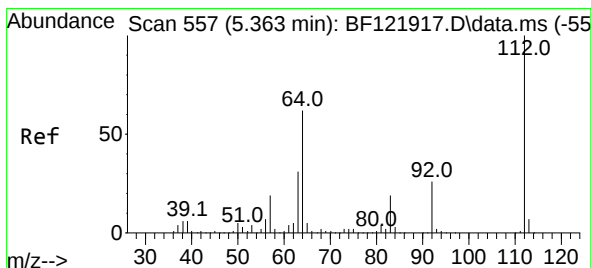
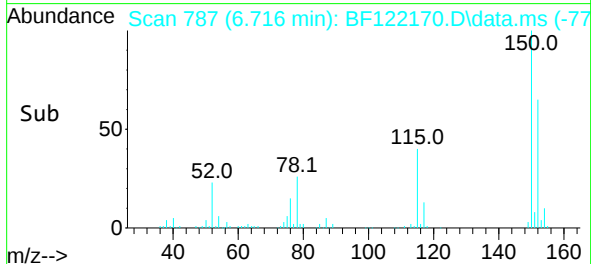
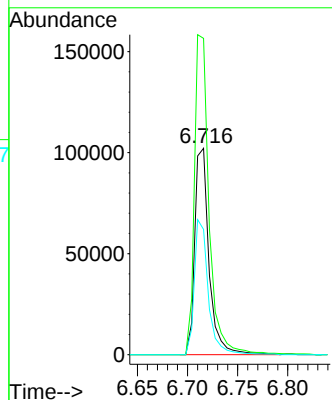
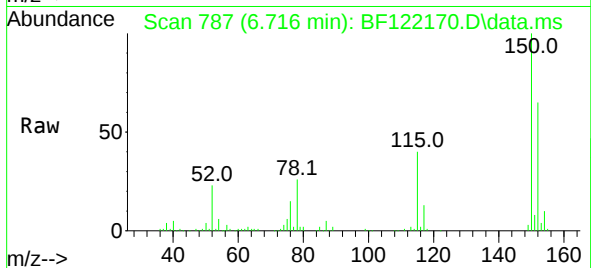




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

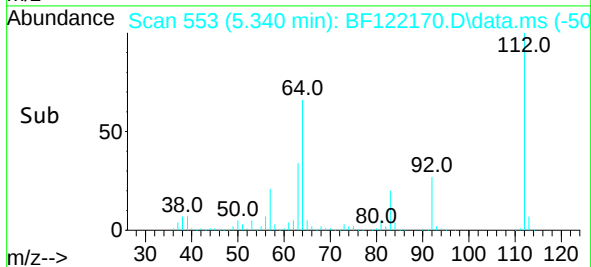
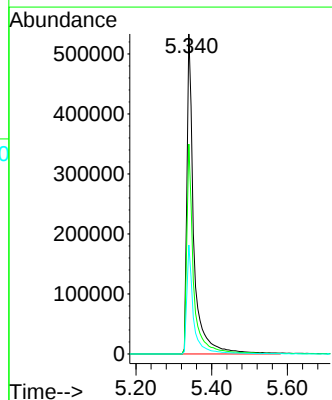
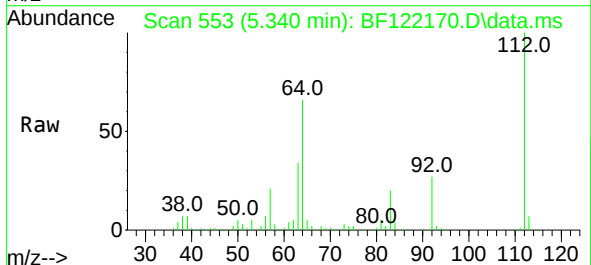
Instrument :
BNA_F
ClientSampleId :
COMP-A-B-C

Tgt Ion:152 Resp: 101447
Ion Ratio Lower Upper
152 100
150 153.3 125.3 187.9
115 60.7 51.9 77.9



#5
2-Fluorophenol
Concen: 98.96 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Tgt Ion:112 Resp: 680179
Ion Ratio Lower Upper
112 100
64 65.6 50.4 75.6
63 34.0 25.8 38.6

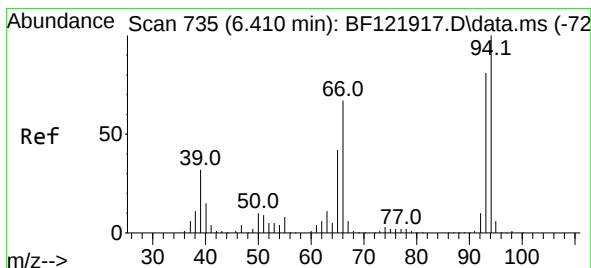
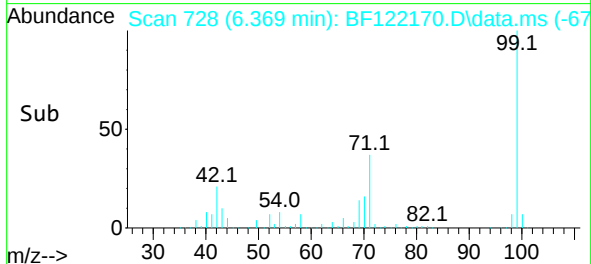
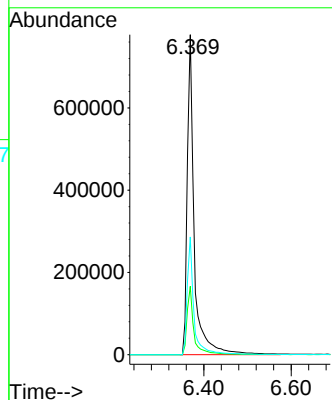
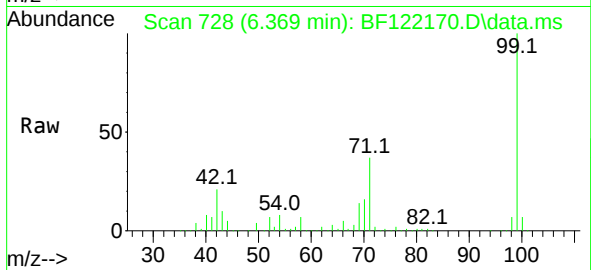




#7
Phenol-d6
Concen: 96.70 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

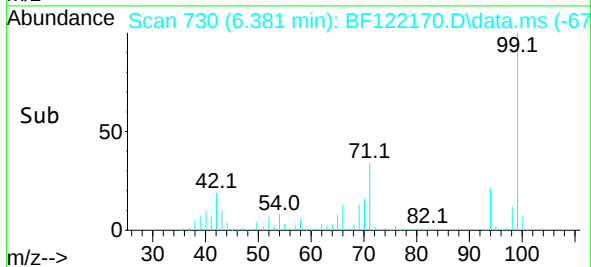
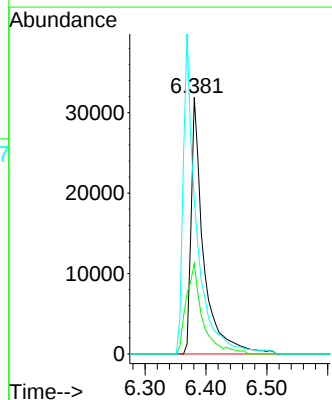
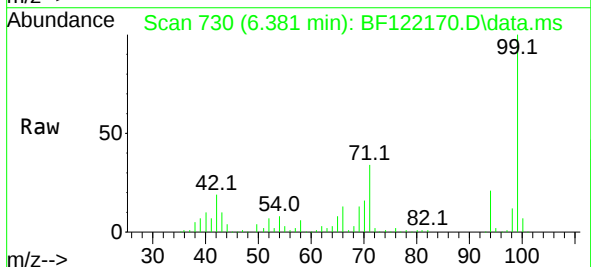
Instrument :
BNA_F
ClientSampleId :
COMP-A-B-C

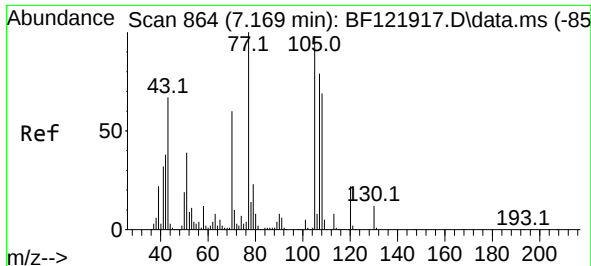
Tgt Ion: 99 Resp: 855658
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 36.8 27.1 40.7



#10
Phenol
Concen: 4.98 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Tgt Ion: 94 Resp: 45433
Ion Ratio Lower Upper
94 100
65 35.3 17.1 57.1
66 60.2 36.0 76.0

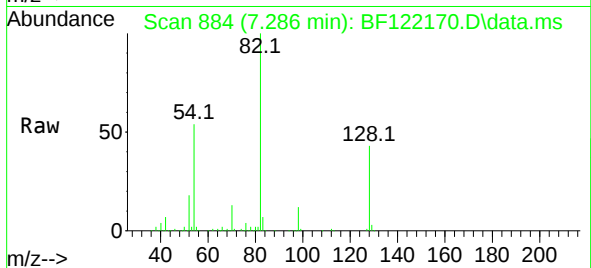




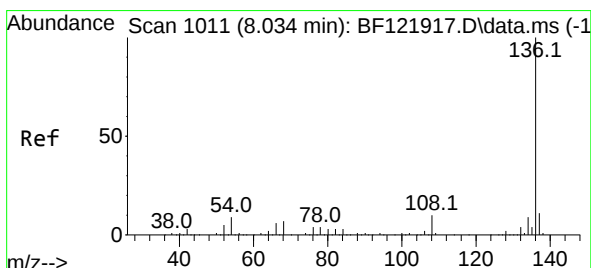
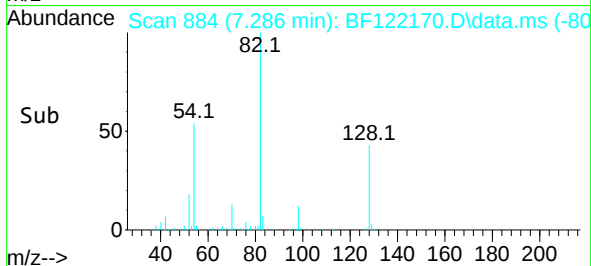
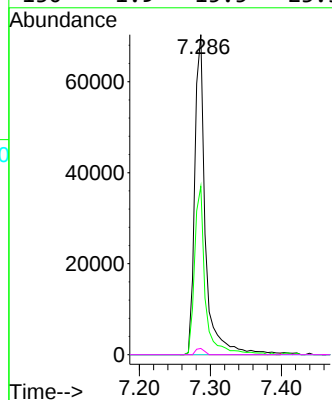
#19

n-Nitroso-di-n-propylamine
Concen: 14.74 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Instrument :
BNA_F
ClientSampleId :
COMP-A-B-C

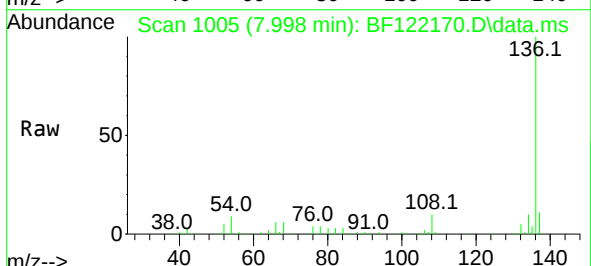


Tgt Ion:	70	Resp:	74261
Ion Ratio	Lower	Upper	
70	100		
42	52.6	50.2	75.4
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#

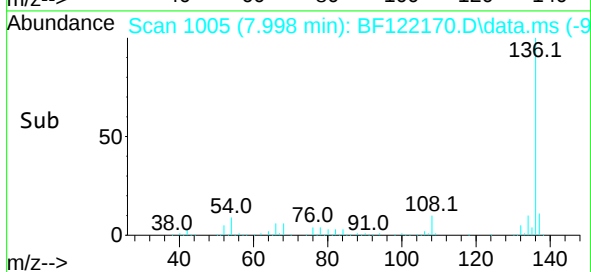
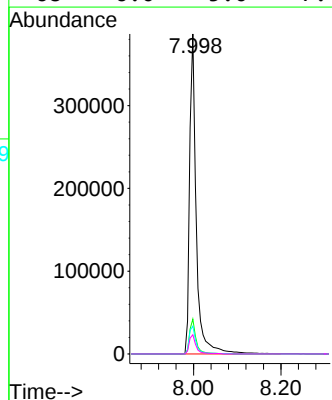


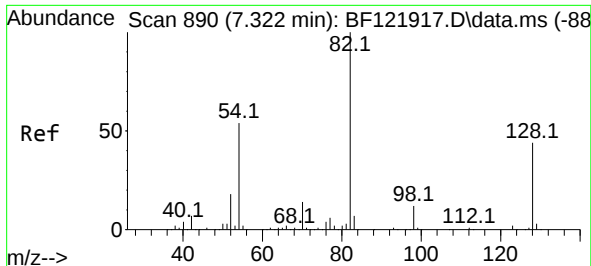
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14



Tgt Ion:	136	Resp:	404321
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.7	7.1	10.7
68	6.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 70.92 ng

RT: 7.286 min Scan# 884

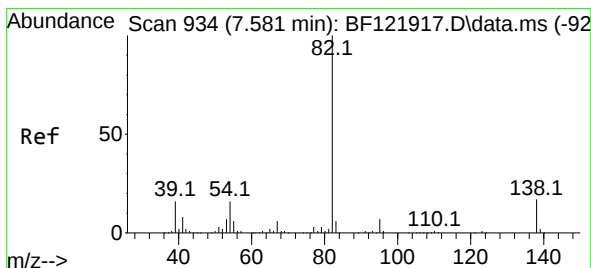
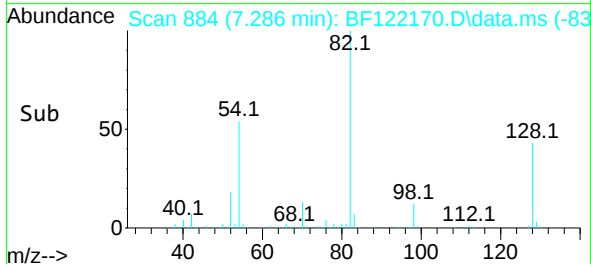
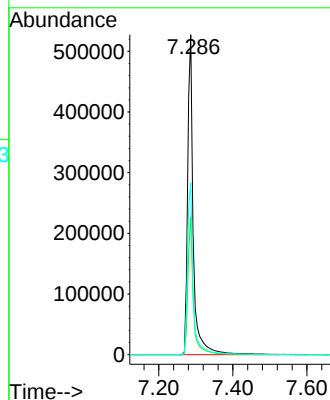
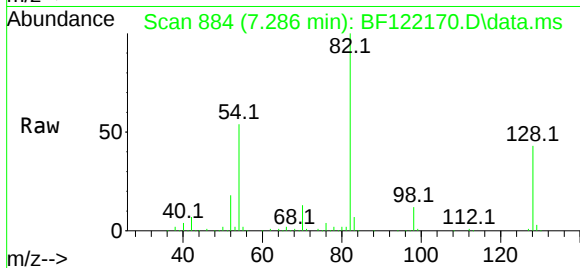
Delta R.T. -0.000 min

Lab File: BF122170.D

Acq: 29 Oct 2020 18:14

Tgt Ion: 82 Resp: 559124

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.0	52.4
54	53.7	43.9	65.9



#25

Isophorone

Concen: 37.51 ng

RT: 7.286 min Scan# 884

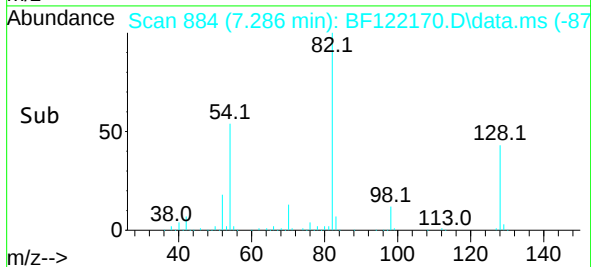
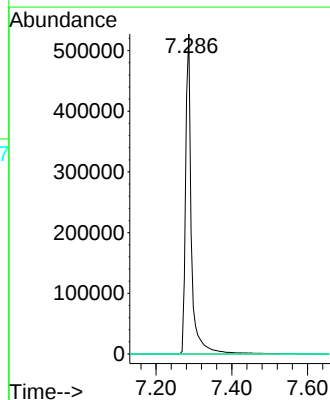
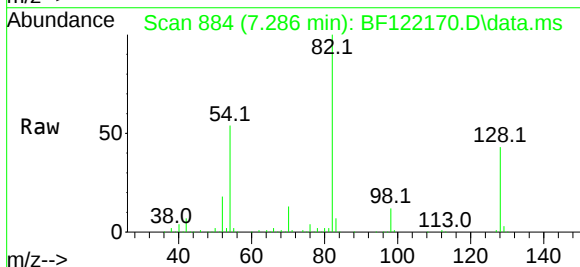
Delta R.T. -0.259 min

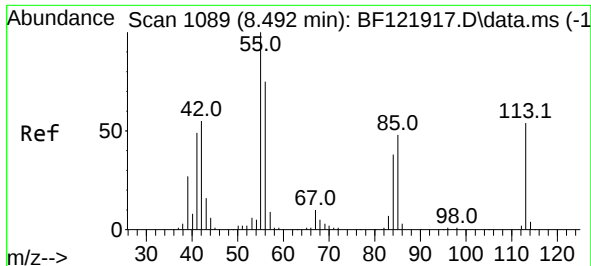
Lab File: BF122170.D

Acq: 29 Oct 2020 18:14

Tgt Ion: 82 Resp: 559122

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

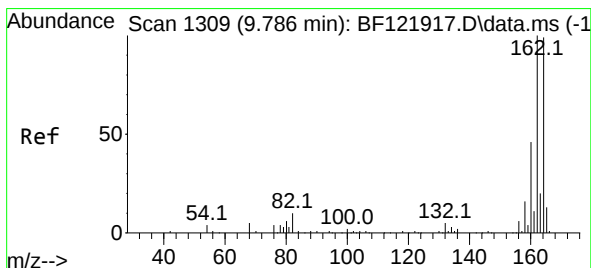
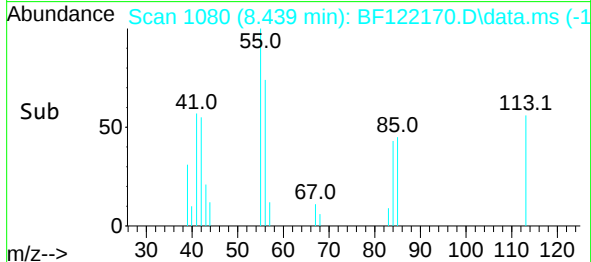
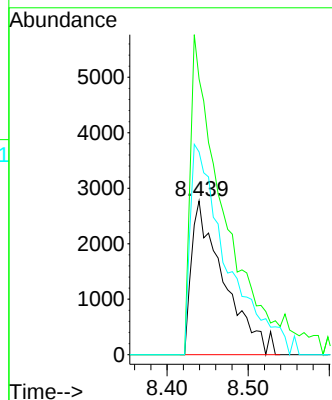
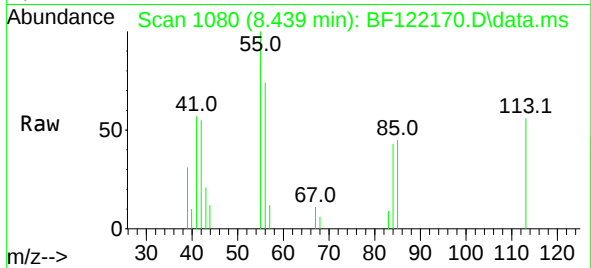




#35
Caprolactam
Concen: 3.90 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.024 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

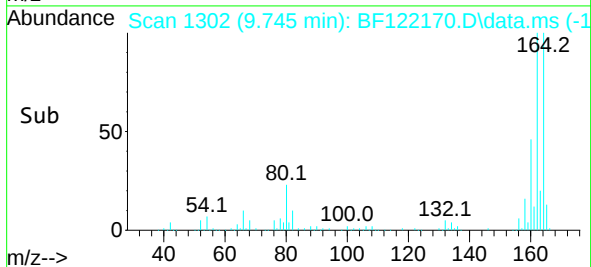
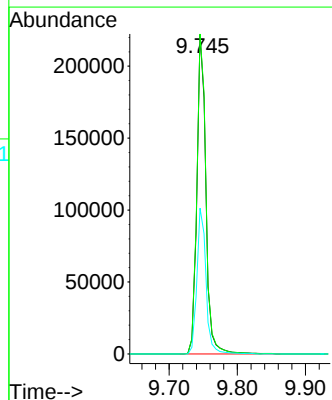
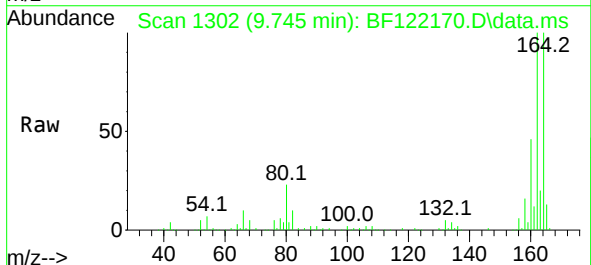
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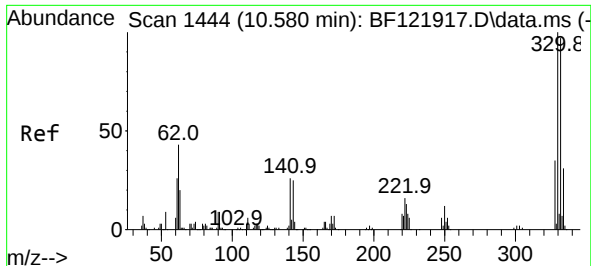
Tgt Ion:113 Resp: 7667
Ion Ratio Lower Upper
113 100
55 179.2 167.5 207.5
56 131.8 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Tgt Ion:164 Resp: 203474
Ion Ratio Lower Upper
164 100
162 100.1 83.2 124.8
160 45.6 37.5 56.3

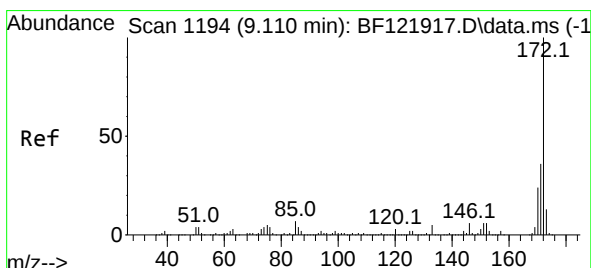
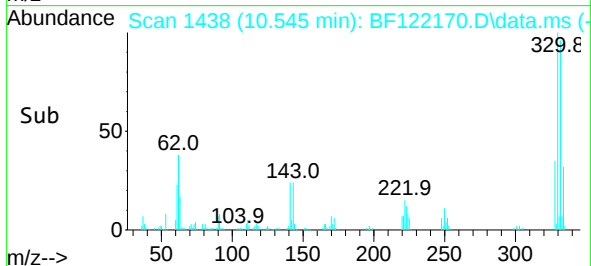
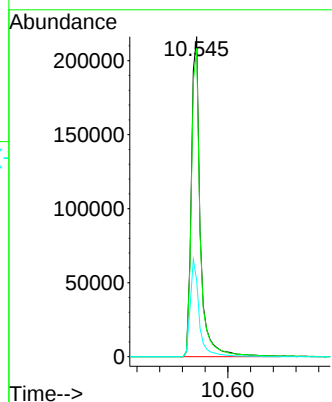
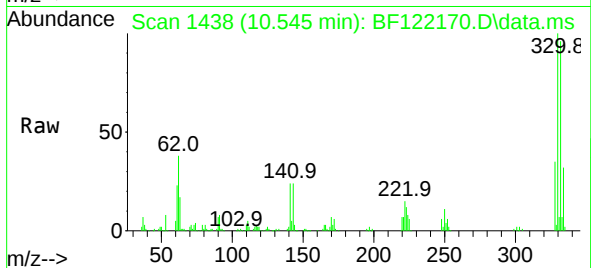




#42
2,4,6-Tribromophenol
Concen: 94.29 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

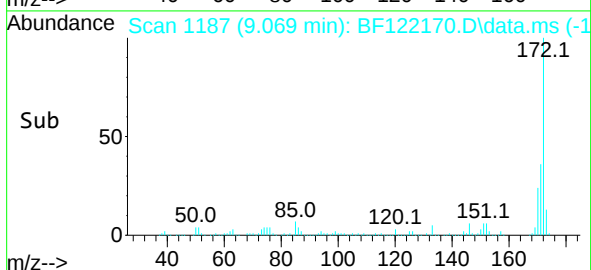
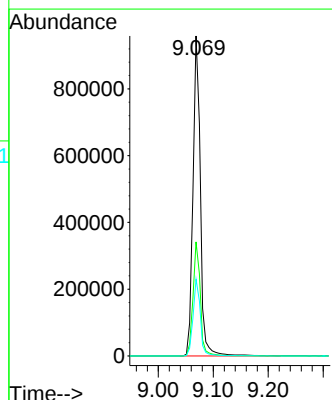
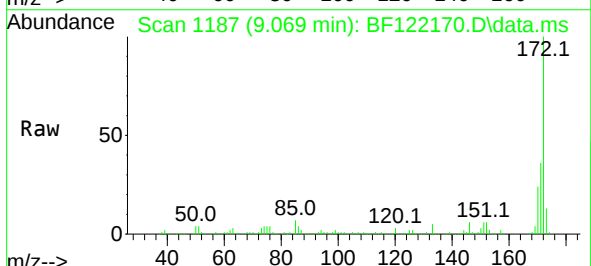
Instrument :
BNA_F
ClientSampleId :
COMP-A-B-C

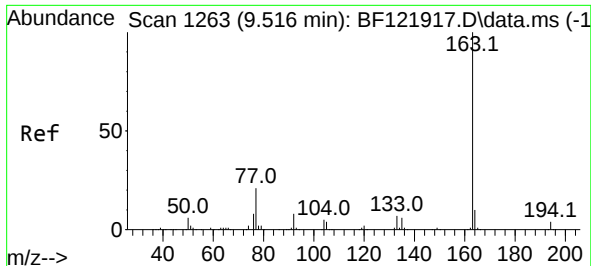
Tgt Ion:330 Resp: 237316
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 64.43 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Tgt Ion:172 Resp: 890955
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.0 19.8 29.6

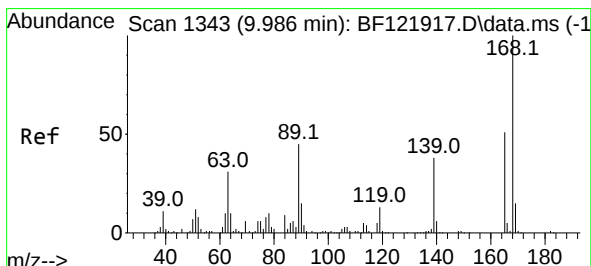
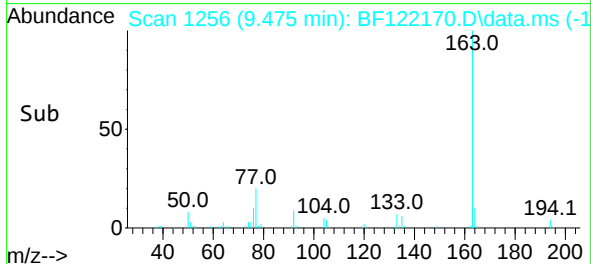
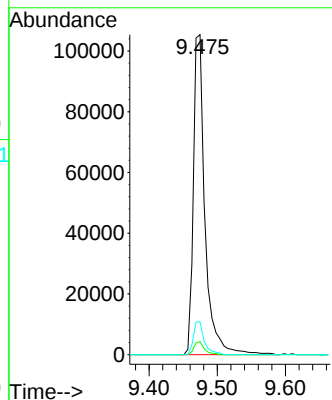
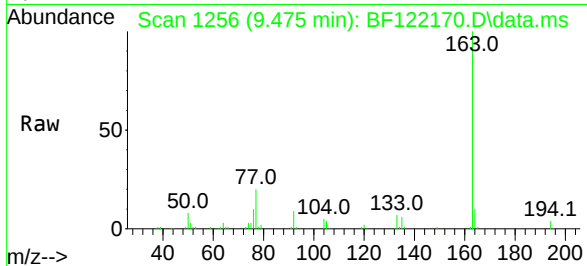




#50
Dimethylphthalate
Concen: 8.36 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

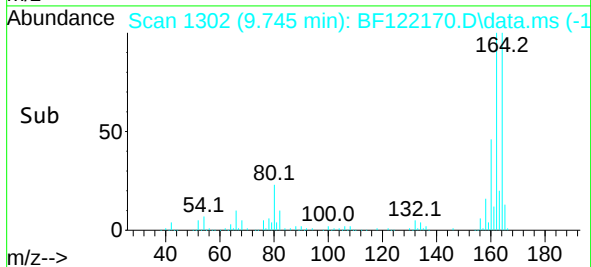
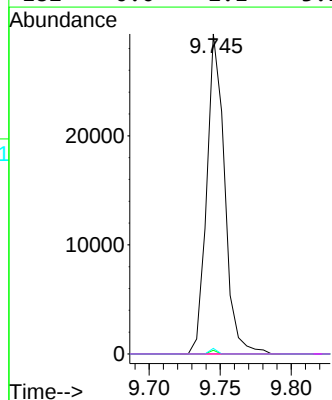
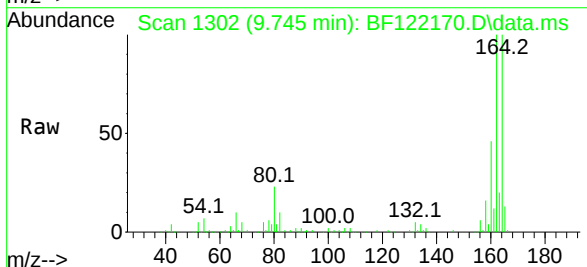
Instrument :
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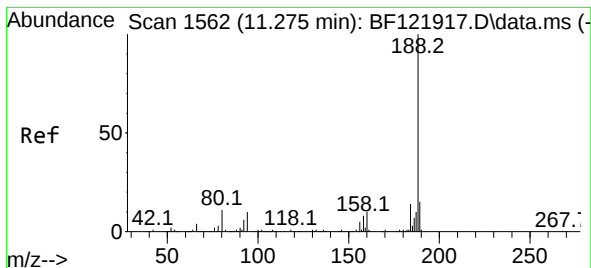
Tgt Ion:163 Resp: 124340
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Tgt Ion:165 Resp: 25707
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

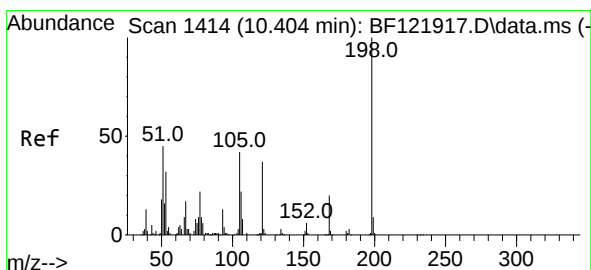
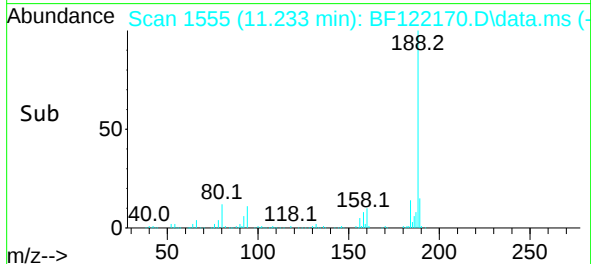
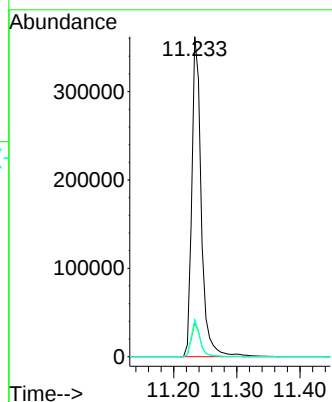
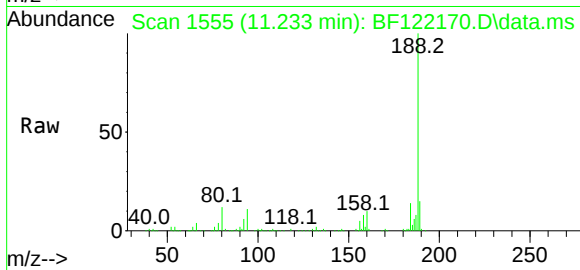




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

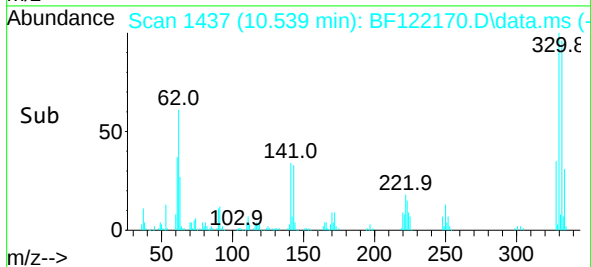
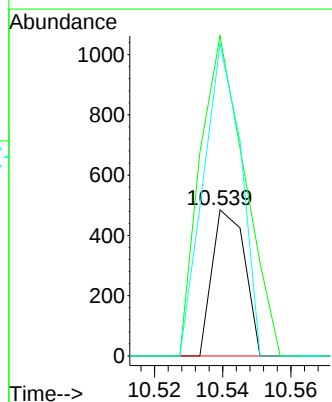
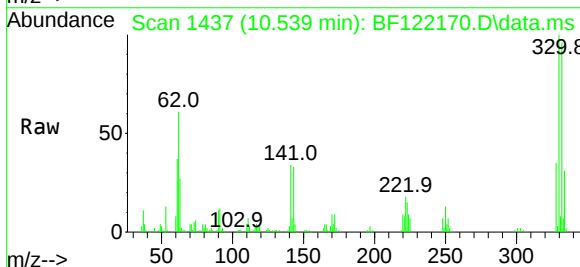
Instrument :
BNA_F
ClientSampleId :
COMP-A-B-C

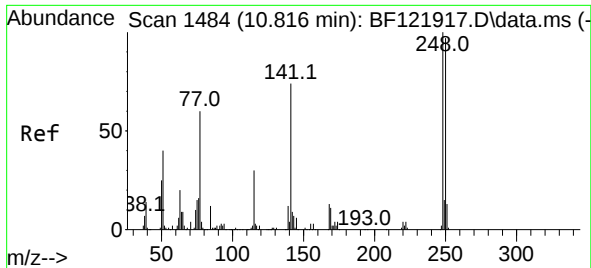
Tgt Ion:188 Resp: 379780
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

Tgt Ion:198 Resp: 321
Ion Ratio Lower Upper
198 100
51 219.0 29.6 69.6#
105 213.6 24.4 64.4#

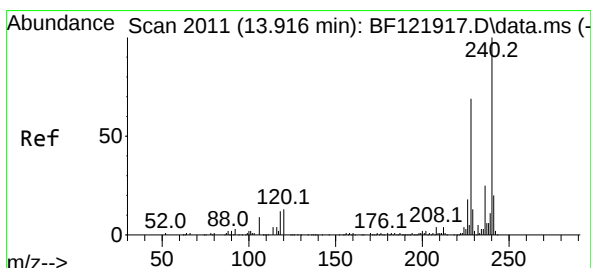
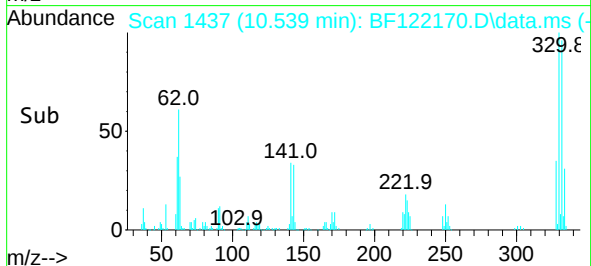
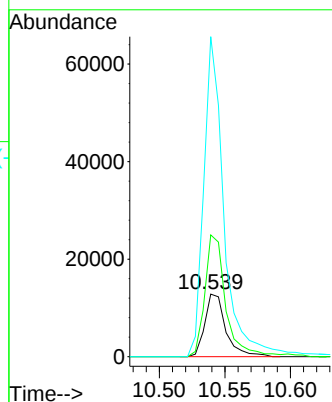
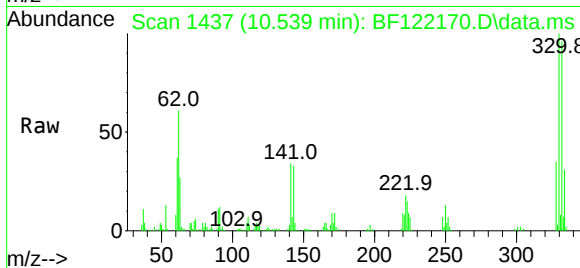




#67
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

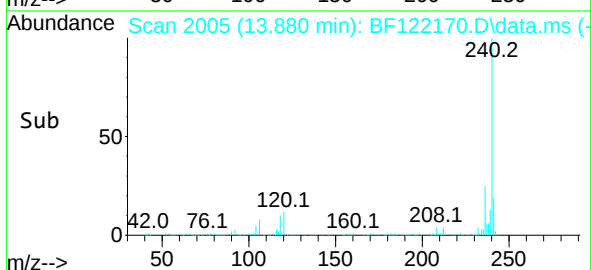
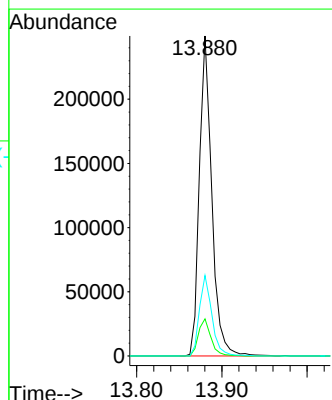
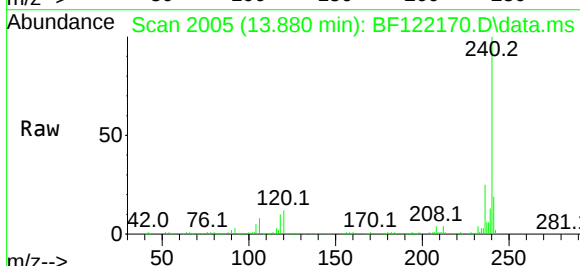
Instrument :
BNA_F
ClientSampleId :
COMP-A-B-C

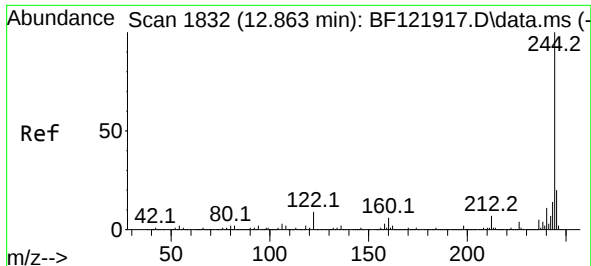
Tgt Ion:248 Resp: 14337
Ion Ratio Lower Upper
248 100
250 194.5 77.0 115.6#
141 511.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122170.D
Acq: 29 Oct 2020 18:14

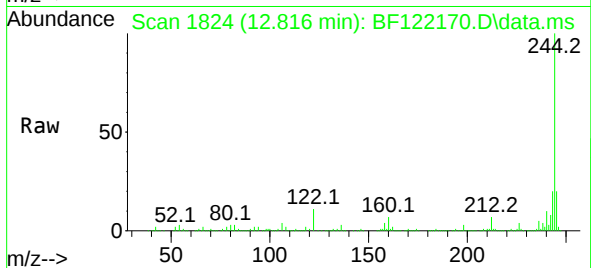
Tgt Ion:240 Resp: 252987
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.1 20.9 31.3



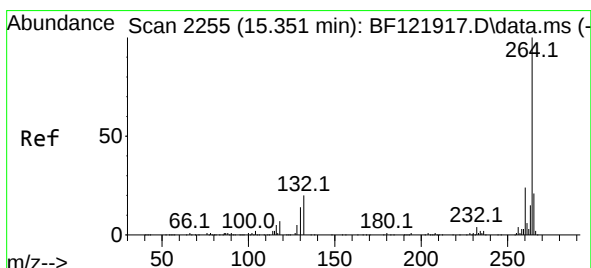
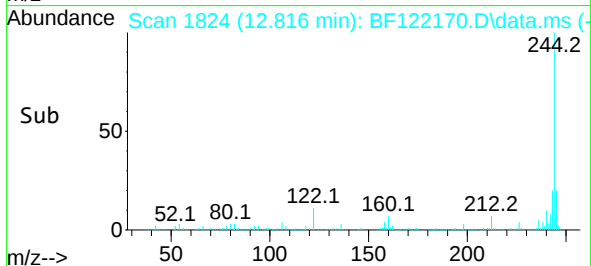
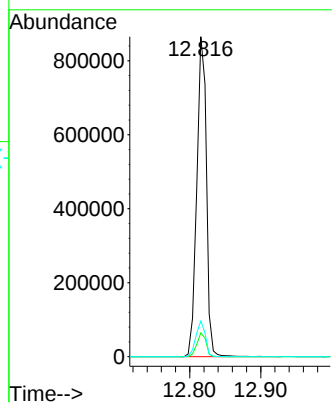


#79
 Terphenyl-d14
 Concen: 61.53 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122170.D
 Acq: 29 Oct 2020 18:14

Instrument :
 BNA_F
 ClientSampleId :
 COMP-A-B-C



Tgt Ion:244 Resp: 816783
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.2 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: BF122170.D
 Acq: 29 Oct 2020 18:14

Tgt Ion:264 Resp: 225071
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.8 17.3 25.9

