

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122184.D
 Acq On : 30 Oct 2020 17:01
 Operator : JU/CG
 Sample : PB132734BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132734BL

Quant Time: Oct 30 18:01:21 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)

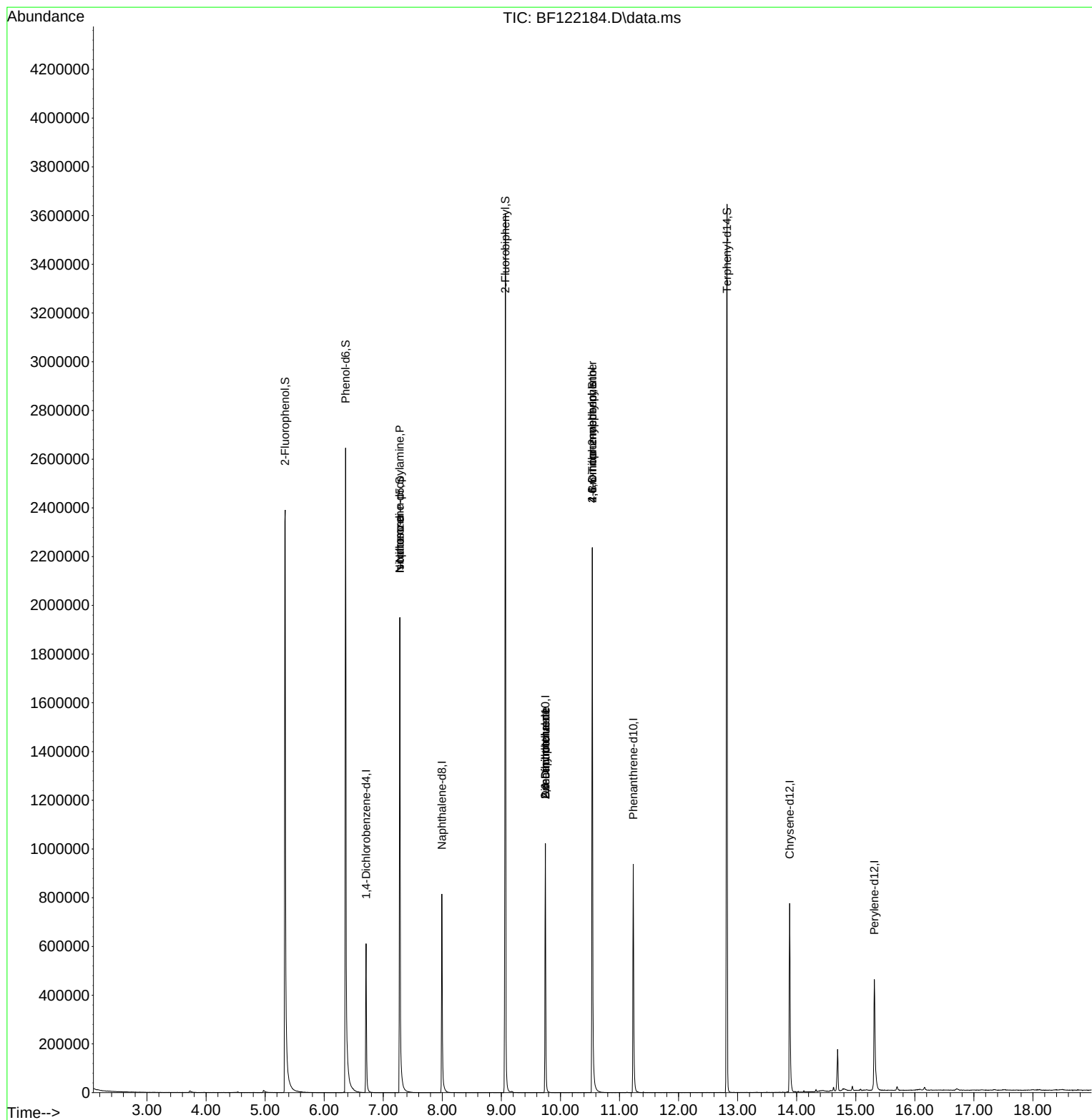
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	100294	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	408880	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	210431	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	399970	20.00	ng	0.00
76) Chrysene-d12	13.880	240	313594	20.00	ng	0.00
86) Perylene-d12	15.315	264	265691	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	832520	122.51	ng	0.00
7) Phenol-d6	6.363	99	1050911	120.14	ng	0.00
23) Nitrobenzene-d5	7.281	82	675536	84.73	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	303766	116.70	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1151458	80.51	ng	0.00
79) Terphenyl-d14	12.821	244	1254742	76.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.363	77	1465	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	91754	18.42	ng	# 79
25) Isophorone	7.281	82	675531	44.81	ng	# 67
50) Dimethylphthalate	9.745	163	41151	2.67	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	27272	8.08	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	27272	6.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	595	4.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	17877	3.87	ng	# 1

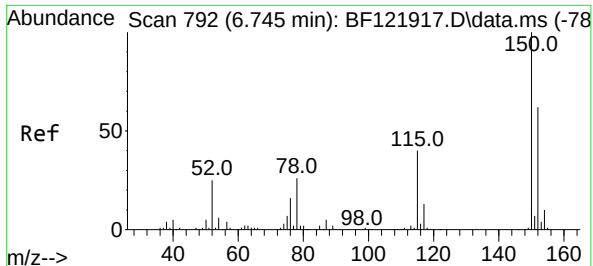
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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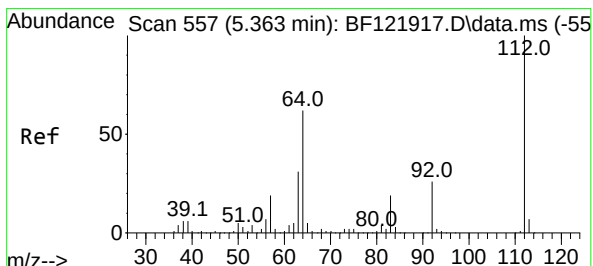
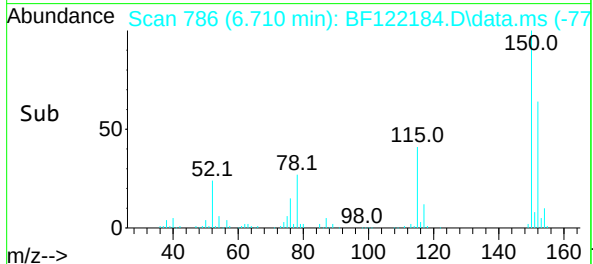
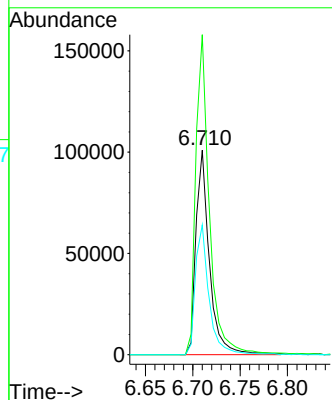
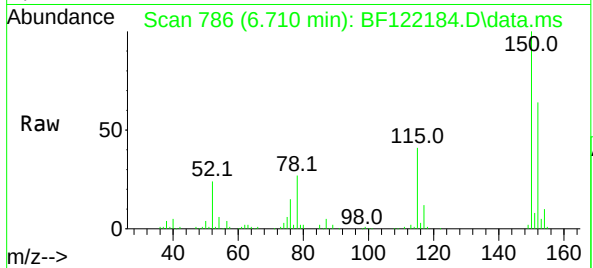




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

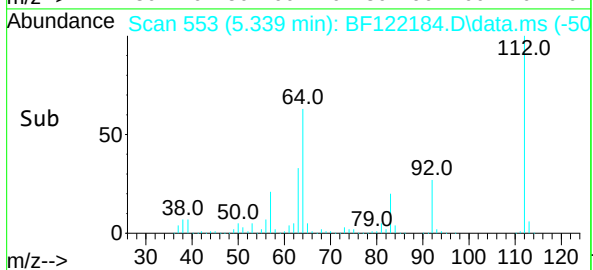
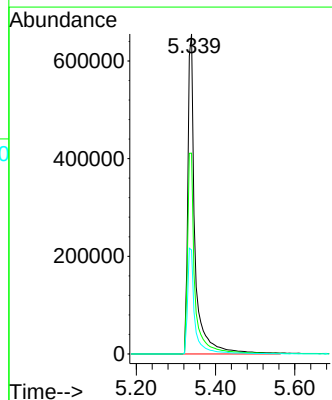
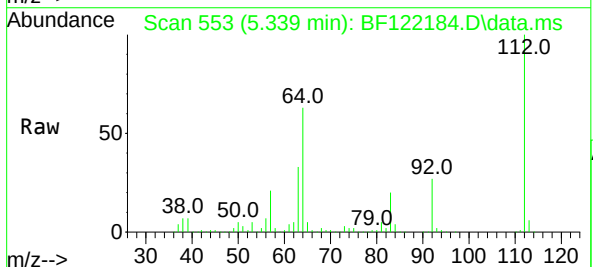
Instrument :
BNA_F
ClientSampleId :
PB132734BL

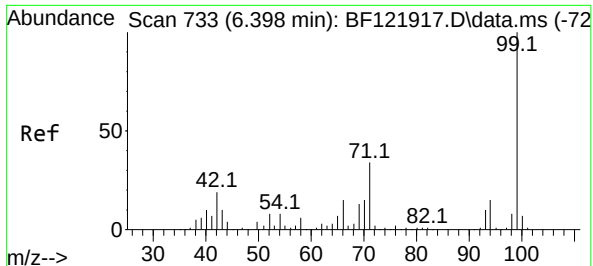
Tgt Ion:152 Resp: 100294
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 122.51 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion:112 Resp: 832520
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 32.5 25.8 38.6

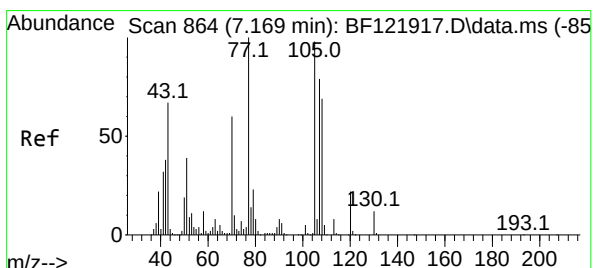
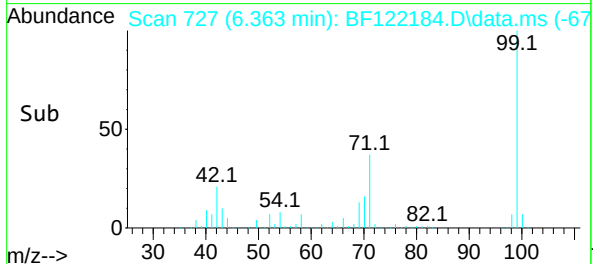
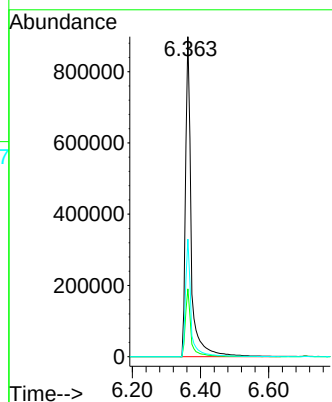
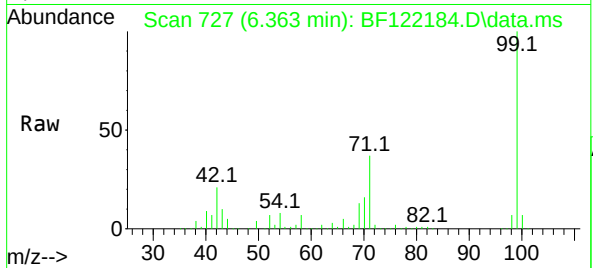




#7
Phenol-d6
Concen: 120.14 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

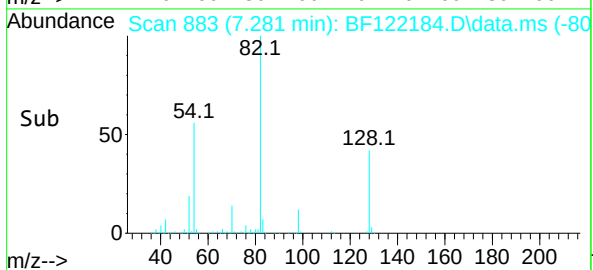
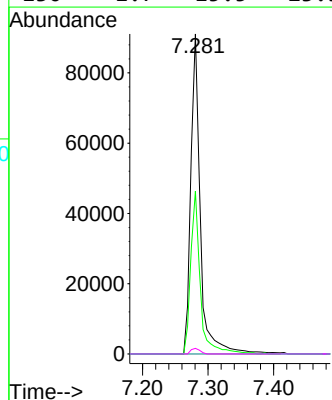
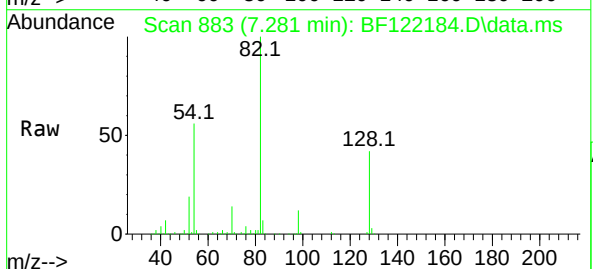
Instrument :
BNA_F
ClientSampleId :
PB132734BL

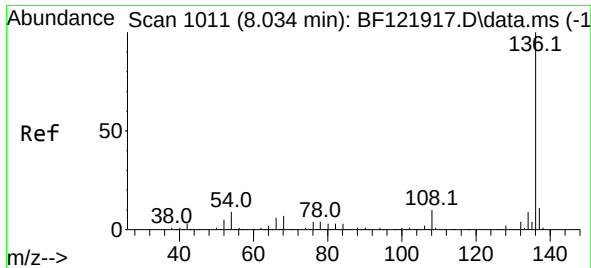
Tgt Ion: 99 Resp: 1050911
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 36.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.42 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

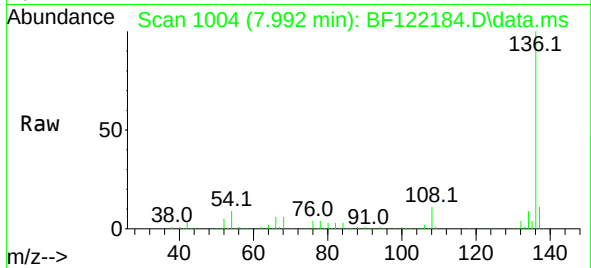
Tgt Ion: 70 Resp: 91754
Ion Ratio Lower Upper
70 100
42 50.9 50.2 75.4
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#



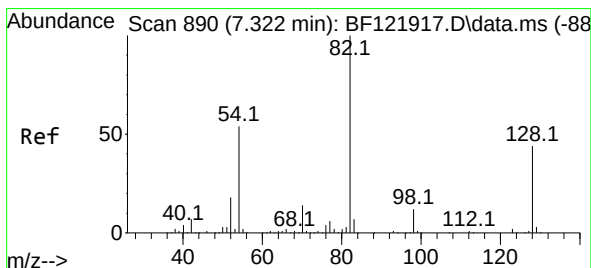
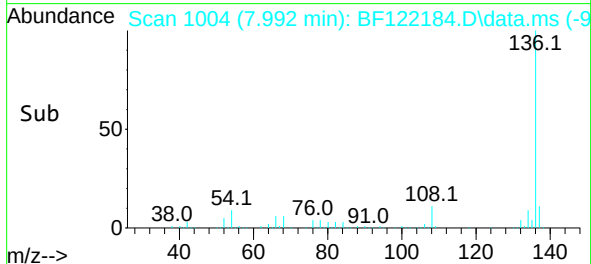
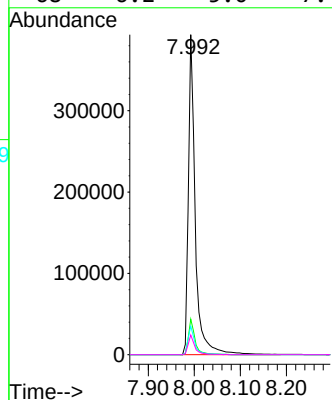


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB132734BL

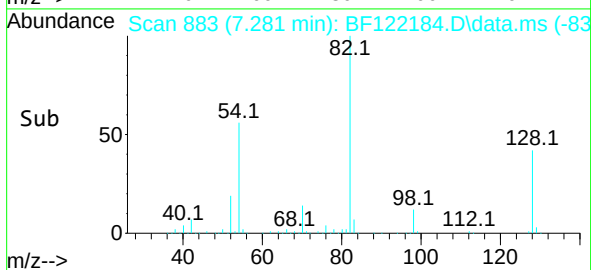
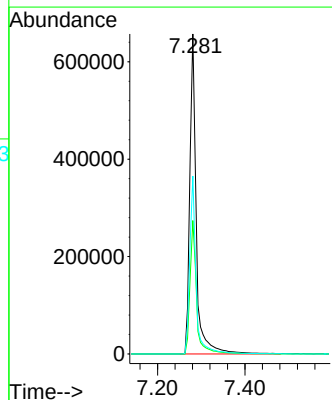
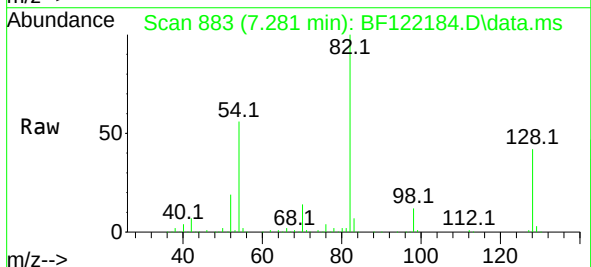


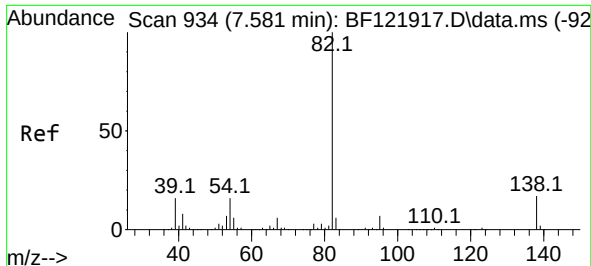
Tgt Ion:136 Resp: 408880
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.1 10.7
68 6.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion: 82 Resp: 675536
Ion Ratio Lower Upper
82 100
128 41.7 35.0 52.4
54 55.6 43.9 65.9

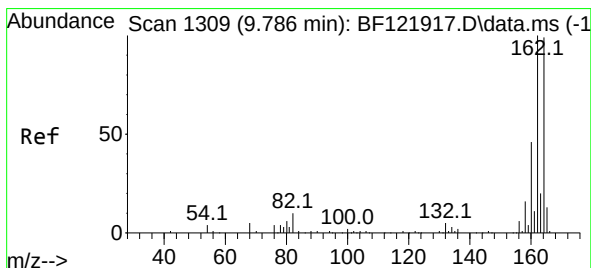
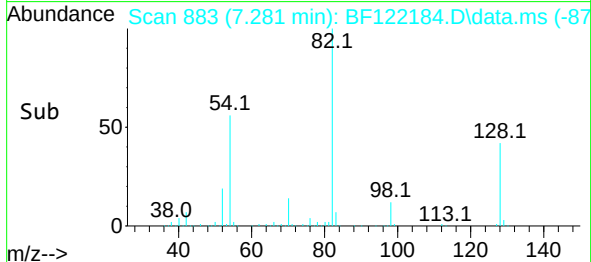
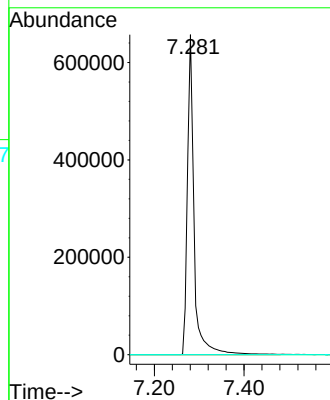
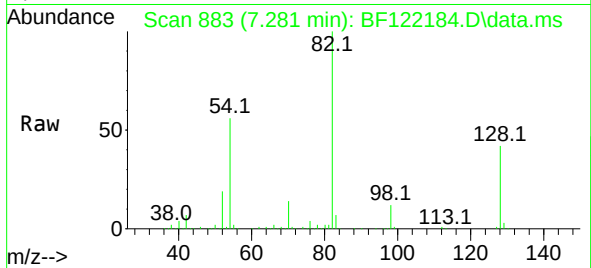




#25
Isophorone
Concen: 44.81 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

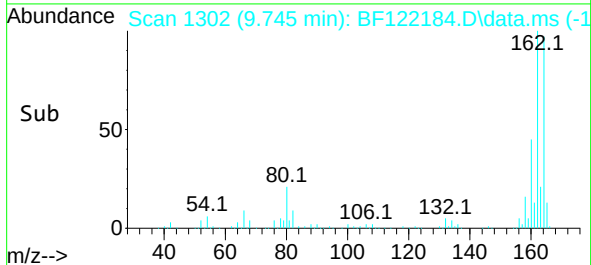
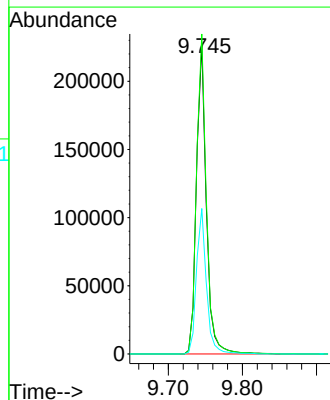
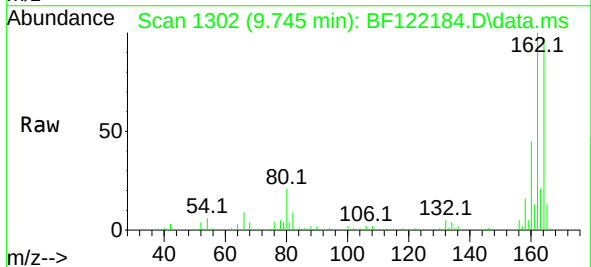
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ClientSampleId :
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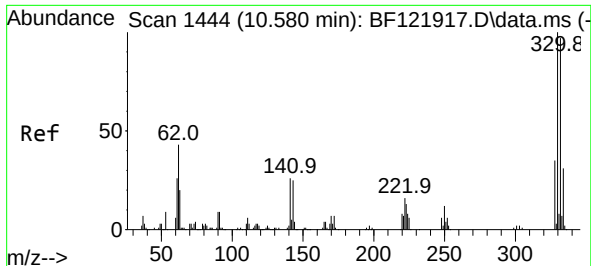
Tgt Ion: 82 Resp: 675531
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion: 164 Resp: 210431
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 47.0 37.5 56.3

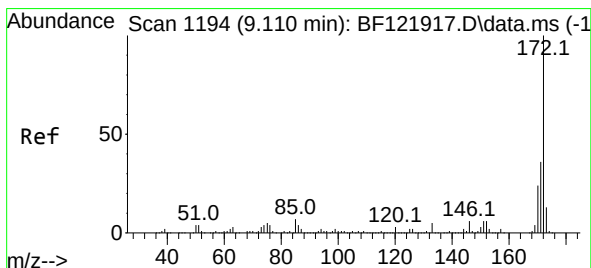
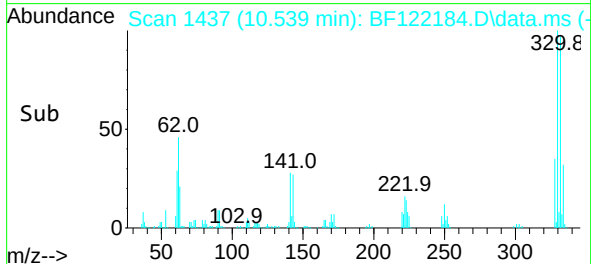
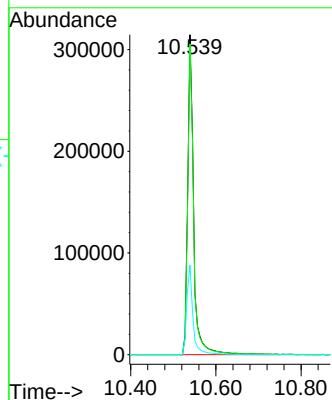
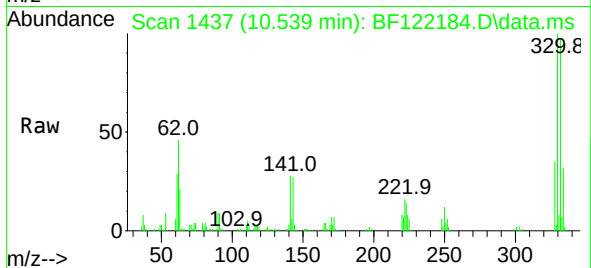




#42
2,4,6-Tribromophenol
Concen: 116.70 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

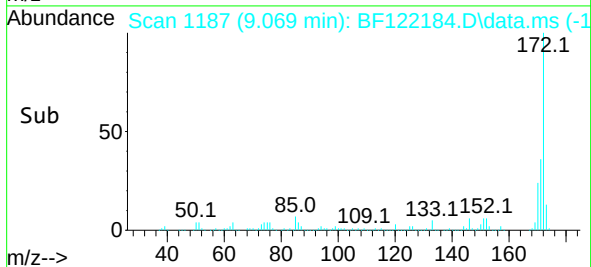
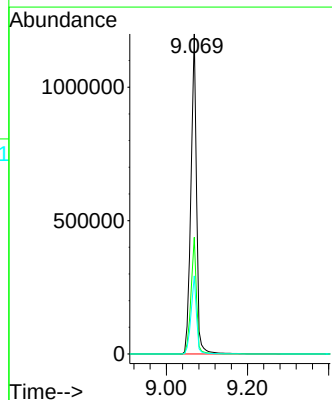
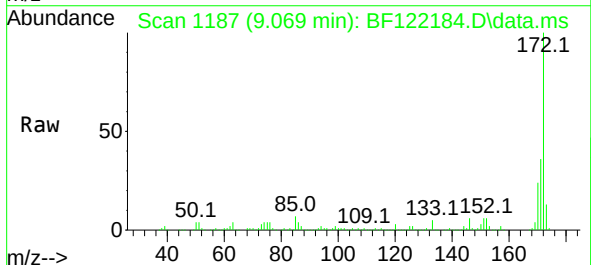
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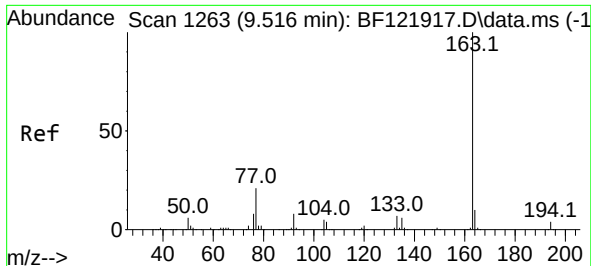
Tgt Ion:330 Resp: 303766
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 80.51 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion:172 Resp: 1151458
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.4 19.8 29.6

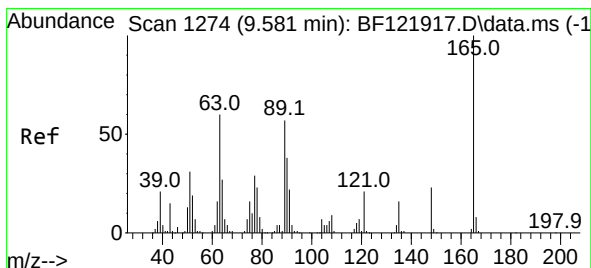
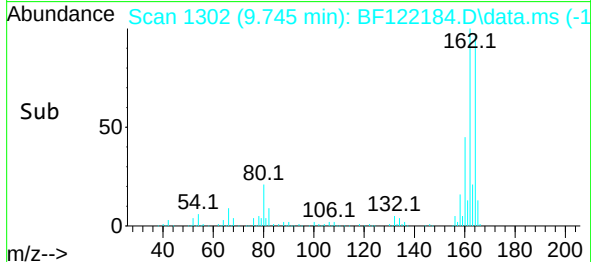
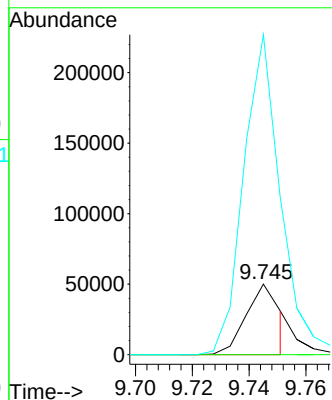
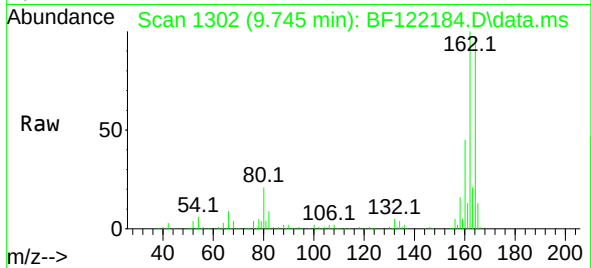




#50
Dimethylphthalate
Concen: 2.67 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.264 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

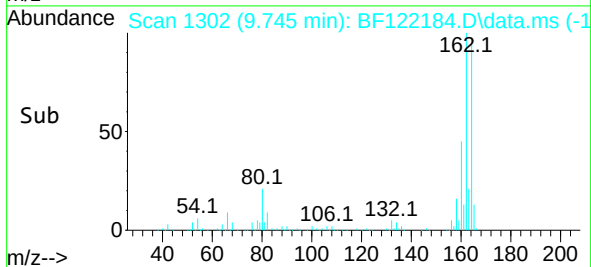
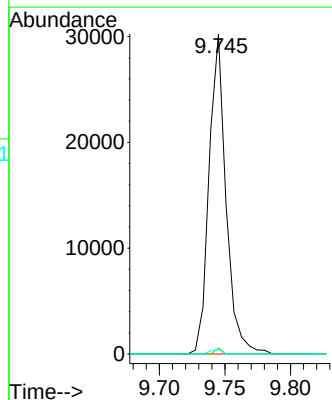
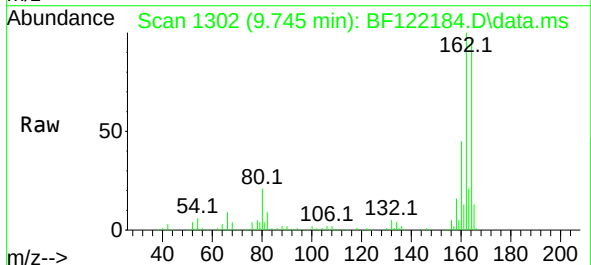
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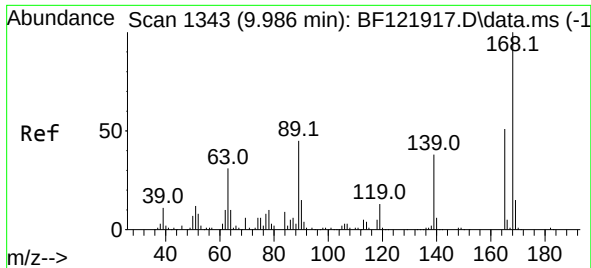
Tgt Ion:163 Resp: 41151
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 453.5 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion:165 Resp: 27272
Ion Ratio Lower Upper
165 100
63 1.8 51.8 77.6#
89 1.4 49.0 73.6#

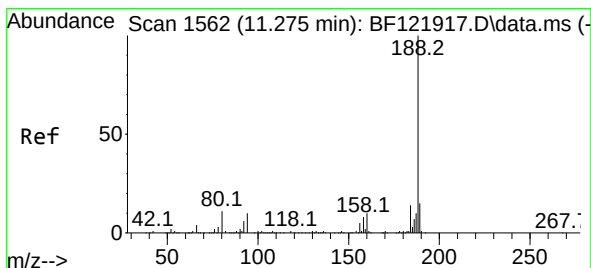
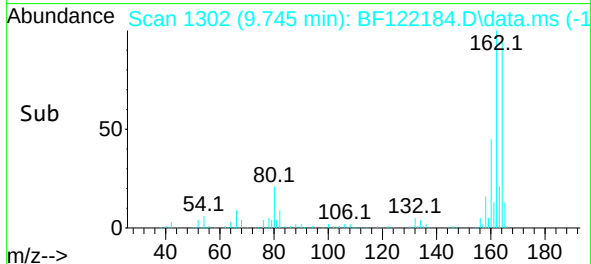
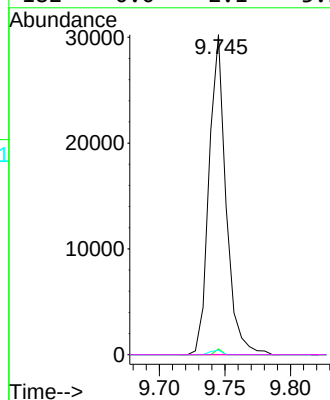
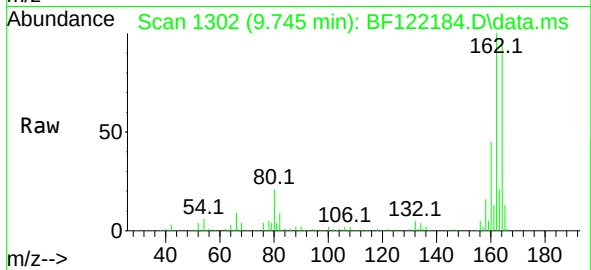




#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

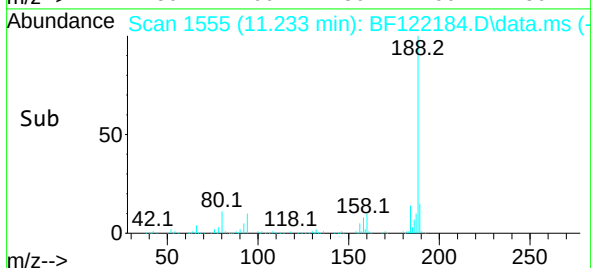
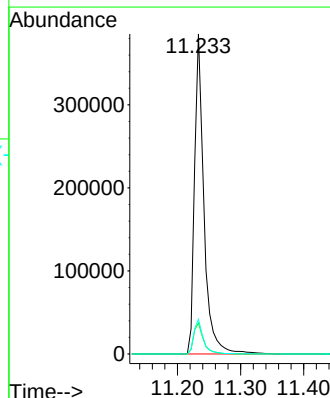
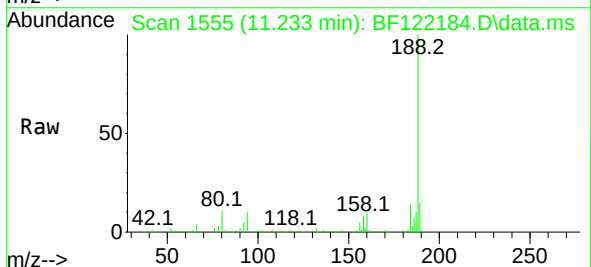
Instrument :
BNA_F
ClientSampleId :
PB132734BL

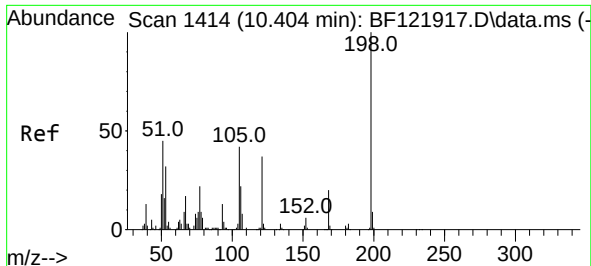
Tgt Ion:165	Resp:	27272
Ion Ratio	Lower	Upper
165	100	
63	1.8	41.3 61.9#
89	1.4	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion:188	Resp:	399970
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.3 12.5
80	10.9	9.1 13.7

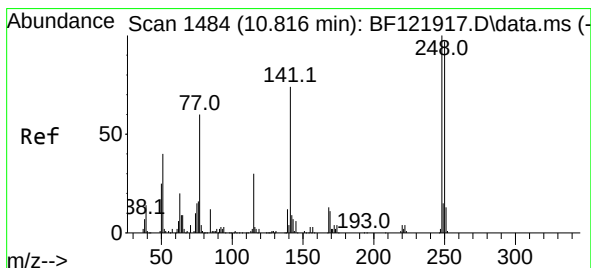
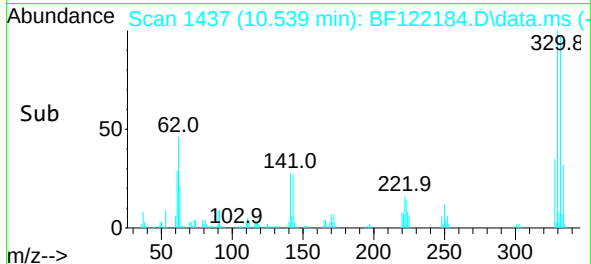
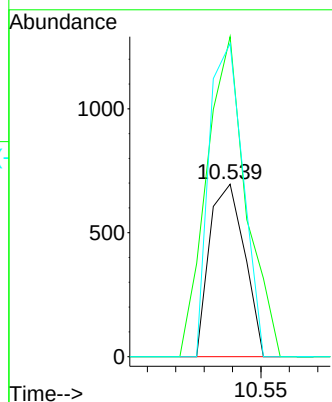
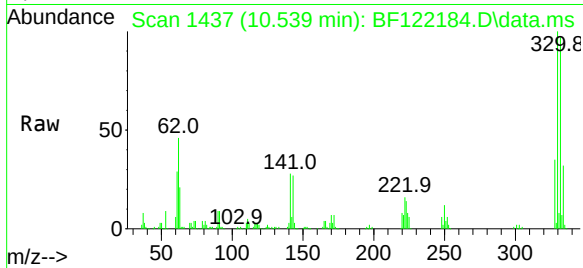




#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

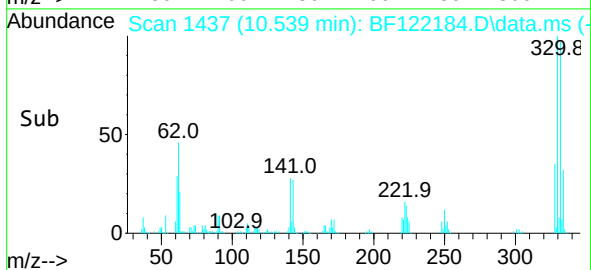
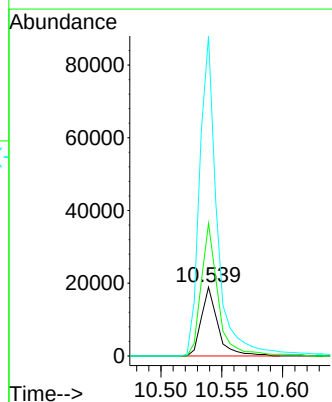
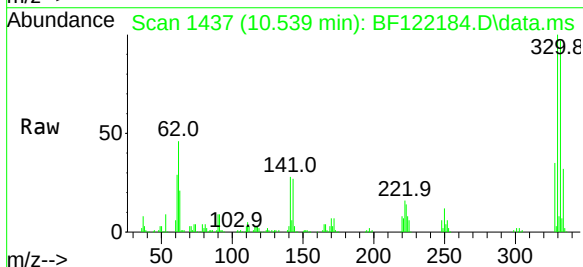
Instrument :
BNA_F
ClientSampleId :
PB132734BL

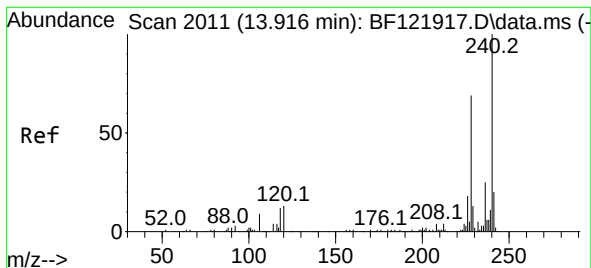
Tgt Ion:198 Resp: 595
Ion Ratio Lower Upper
198 100
51 185.5 29.6 69.6#
105 181.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Tgt Ion:248 Resp: 17877
Ion Ratio Lower Upper
248 100
250 193.0 77.0 115.6#
141 465.5 53.7 80.5#

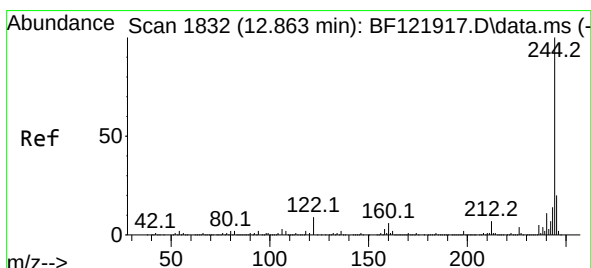
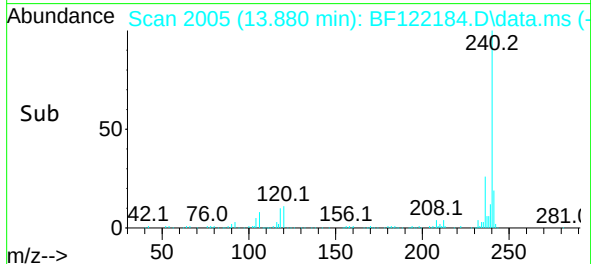
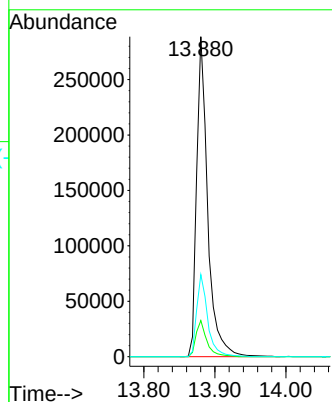
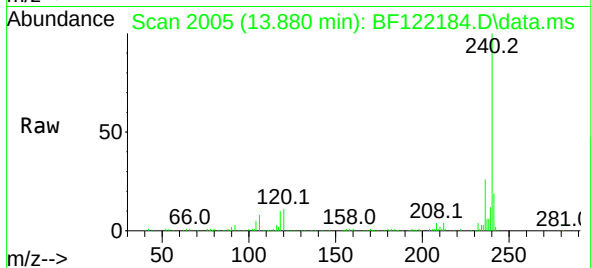




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

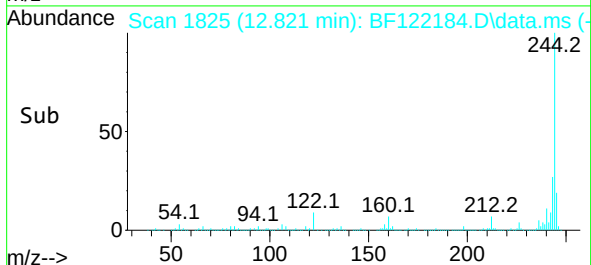
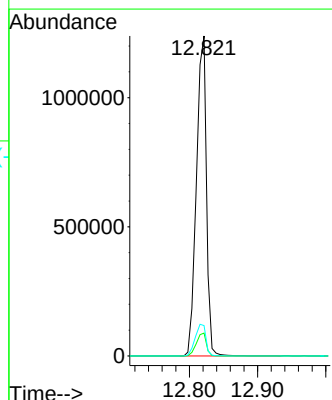
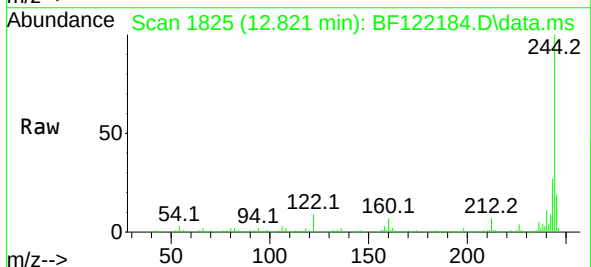
Instrument :
BNA_F
ClientSampleId :
PB132734BL

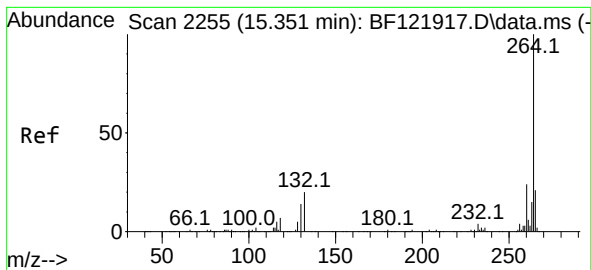
Tgt Ion:240 Resp: 313594
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 76.25 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

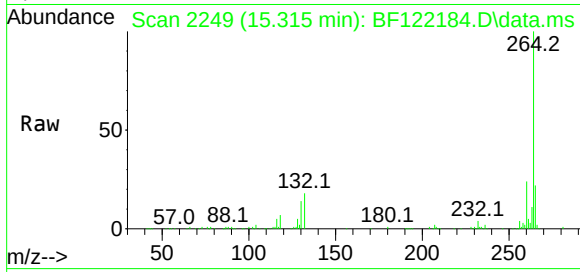
Tgt Ion:244 Resp: 1254742
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.5 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122184.D
Acq: 30 Oct 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB132734BL



Tgt Ion:264 Resp: 265691
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.3 25.9

