

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122171.D
 Acq On : 29 Oct 2020 18:45
 Operator : JU/CG
 Sample : L4552-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VW-STONE-B

Quant Time: Oct 29 19:07:42 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)

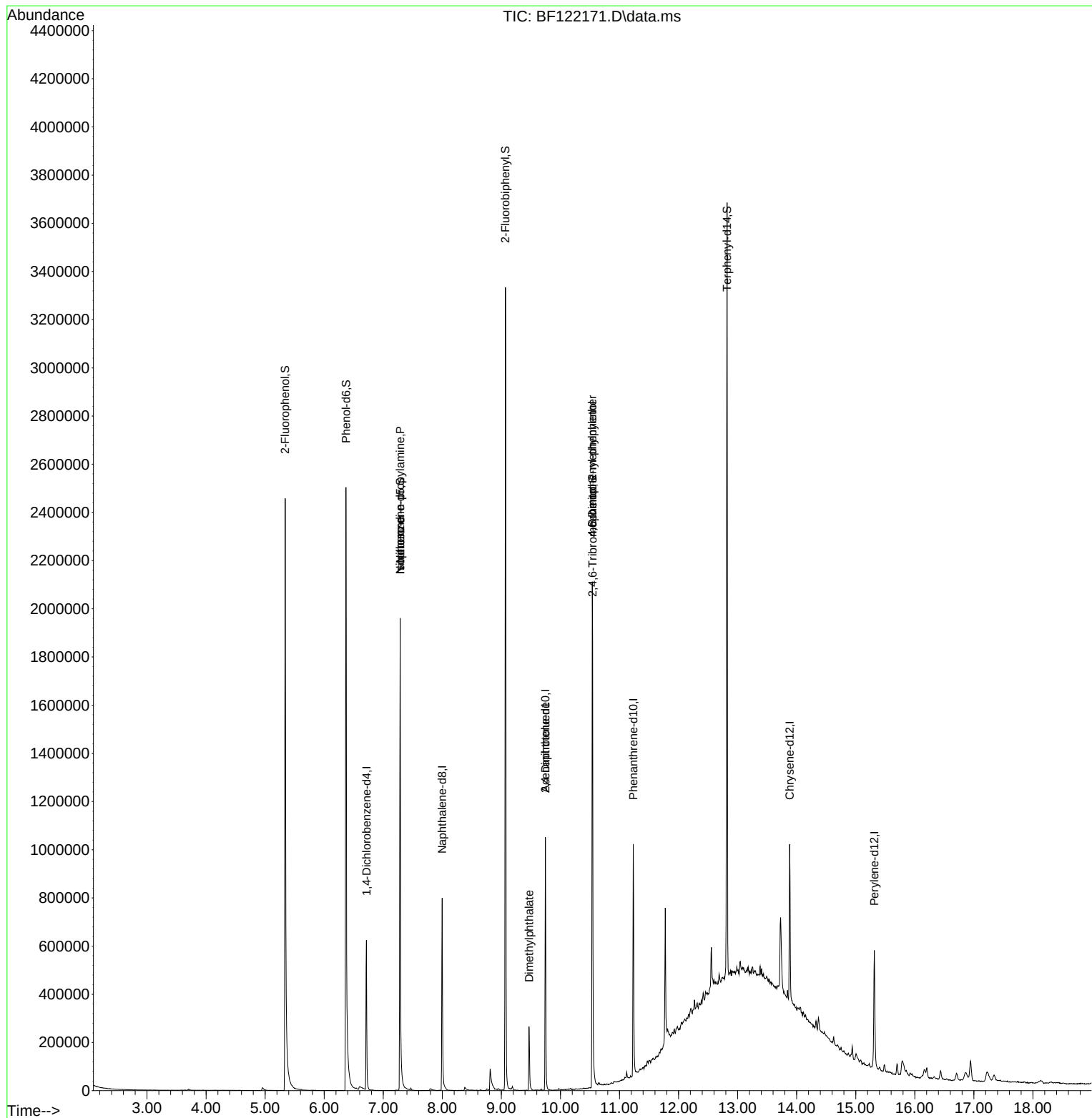
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	96572	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	389465	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	197591	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	364922	20.00	ng	0.00
76) Chrysene-d12	13.880	240	234718	20.00	ng	0.00
86) Perylene-d12	15.315	264	231961	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	792585	121.13	ng	0.00
7) Phenol-d6	6.369	99	1006966	119.55	ng	0.00
23) Nitrobenzene-d5	7.287	82	650550	85.66	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	304933	124.76	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1087977	81.02	ng	0.00
79) Terphenyl-d14	12.822	244	1031636	83.76	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1311	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.287	70	88156	18.38	ng	# 79
25) Isophorone	7.287	82	650547	45.30	ng	# 67
50) Dimethylphthalate	9.469	163	109483	7.58	ng	100
57) 2,4-Dinitrotoluene	9.745	165	25480	6.53	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	591	4.65	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	17760	4.21	ng	# 1

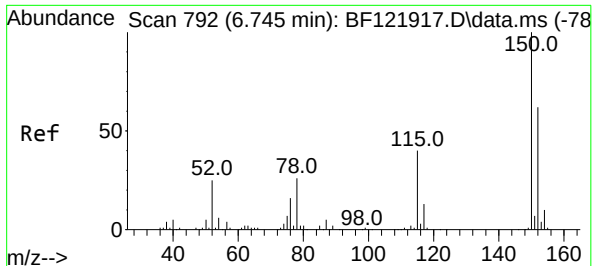
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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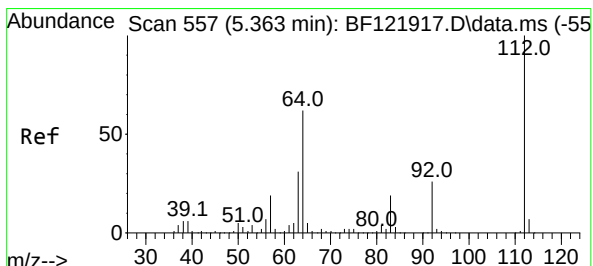
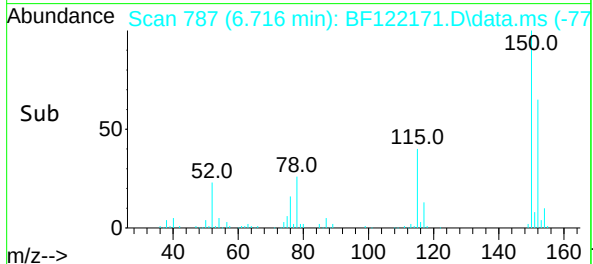
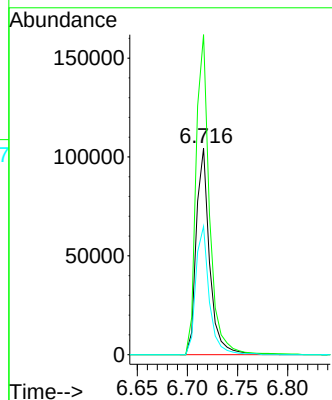
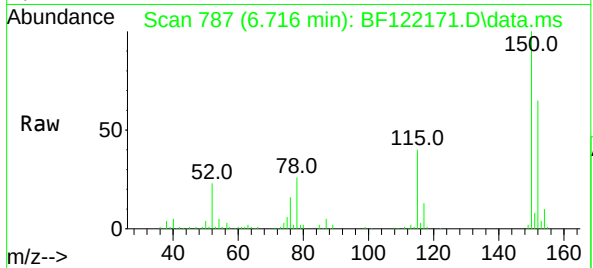




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.716 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: BF122171.D
 Acq: 29 Oct 2020 18:45

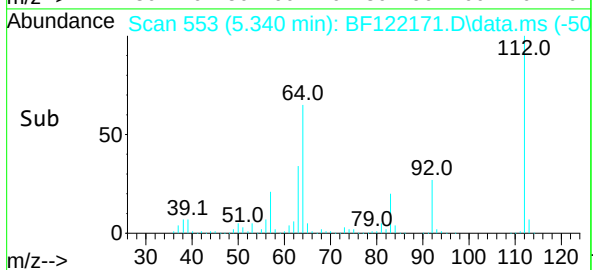
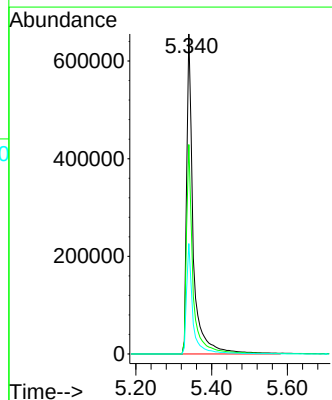
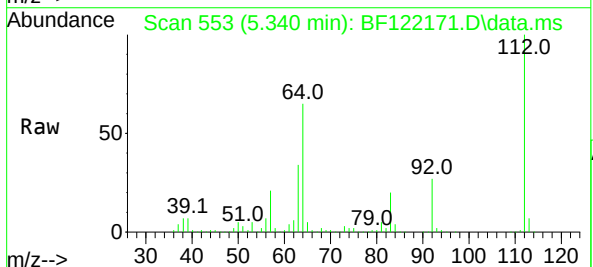
Instrument :
 BNA_F
 ClientSampleId :
 VW-STONE-B

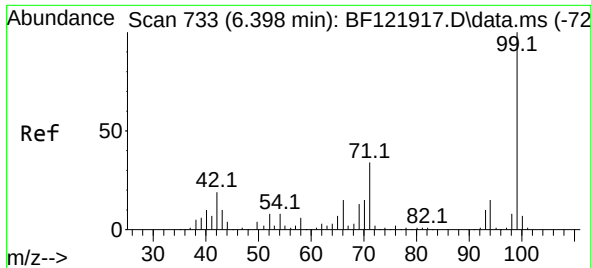
Tgt Ion:152 Resp: 96572
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.3 187.9
 115 62.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 121.13 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122171.D
 Acq: 29 Oct 2020 18:45

Tgt Ion:112 Resp: 792585
 Ion Ratio Lower Upper
 112 100
 64 65.4 50.4 75.6
 63 34.5 25.8 38.6

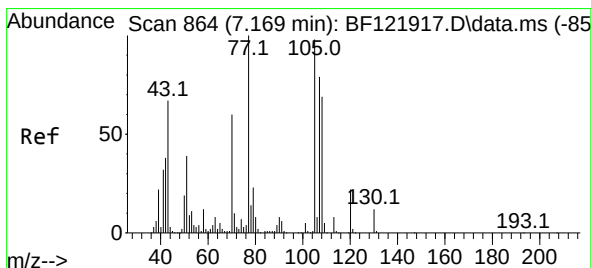
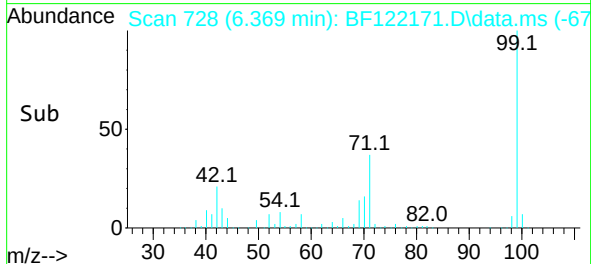
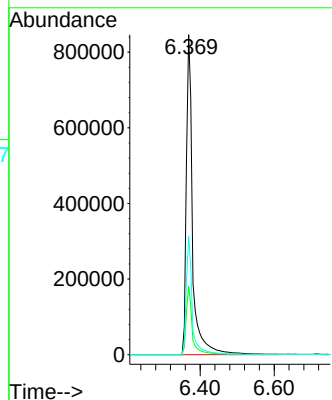
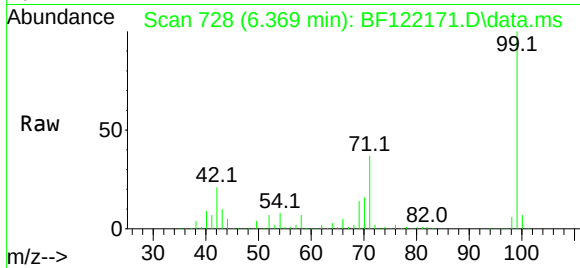




#7
Phenol-d6
Concen: 119.55 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

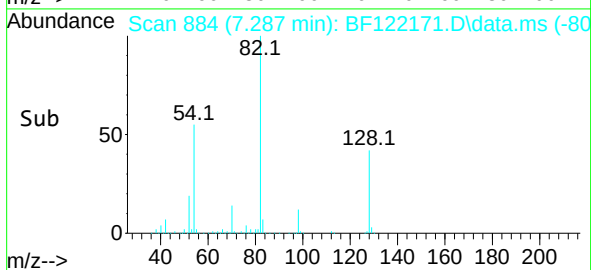
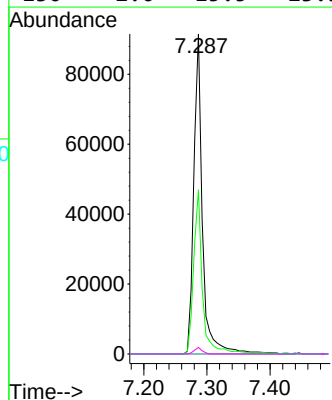
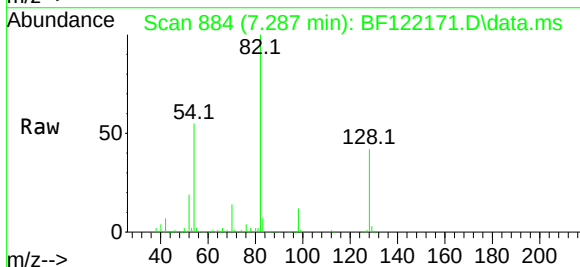
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BNA_F
ClientSampleId :
VW-STONE-B

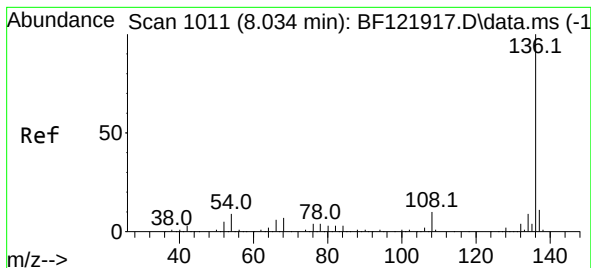
Tgt Ion: 99 Resp: 1006966
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 36.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.38 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Tgt Ion: 70 Resp: 88156
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



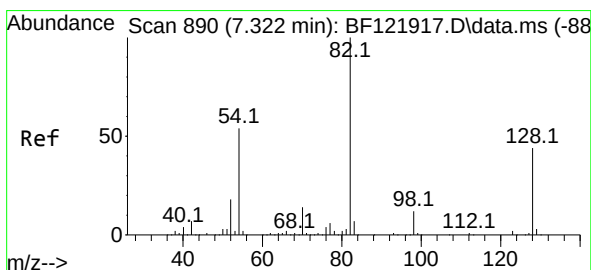
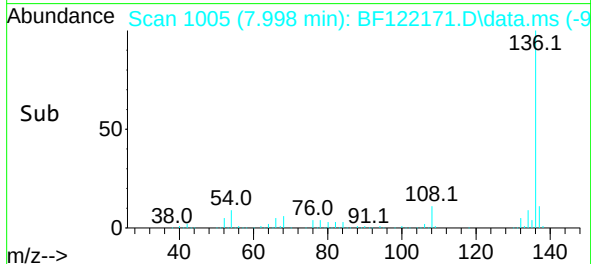
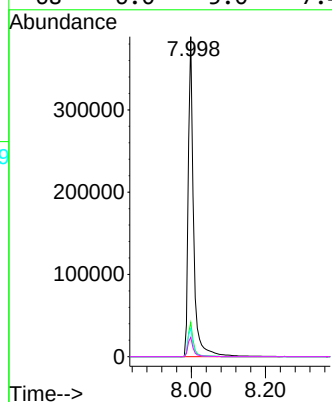
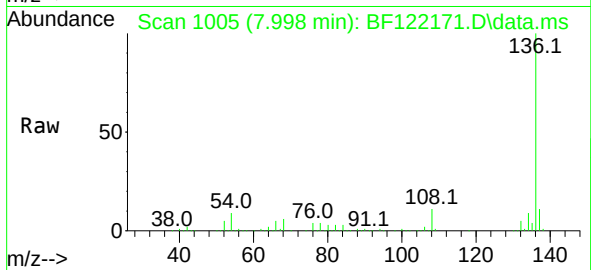


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Instrument :
BNA_F
ClientSampleId :
VW-STONE-B

Tgt Ion:136 Resp: 389465

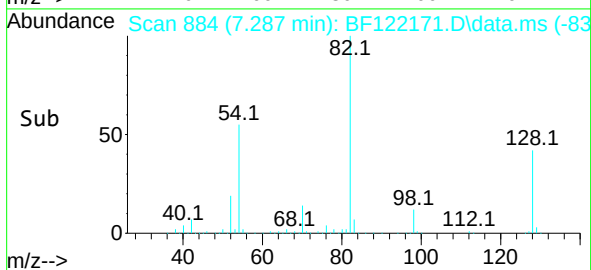
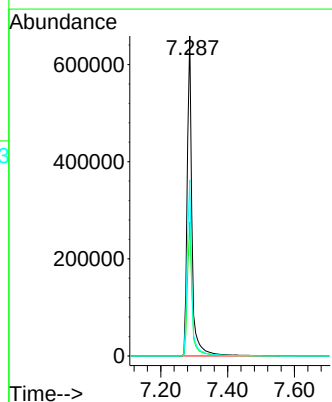
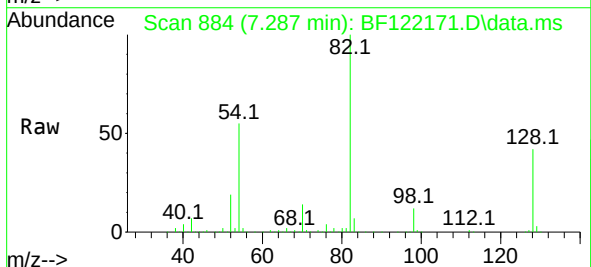
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.8	7.1	10.7
68	6.0	5.0	7.4

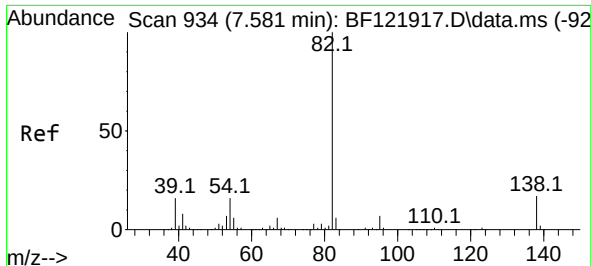


#23
Nitrobenzene-d5
Concen: 85.66 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Tgt Ion: 82 Resp: 650550

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.0	52.4
54	55.0	43.9	65.9

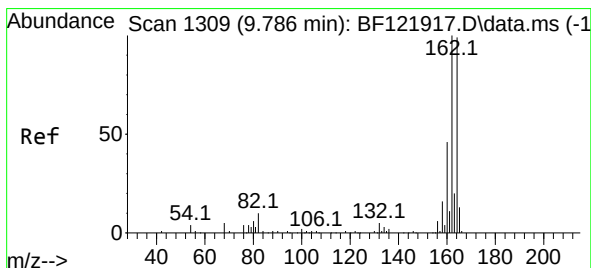
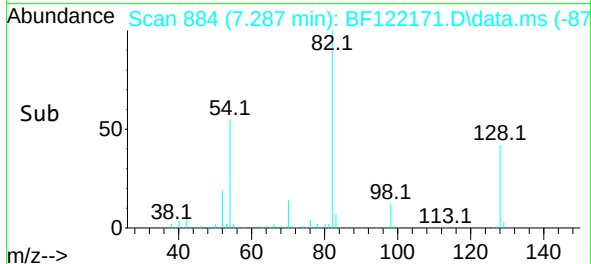
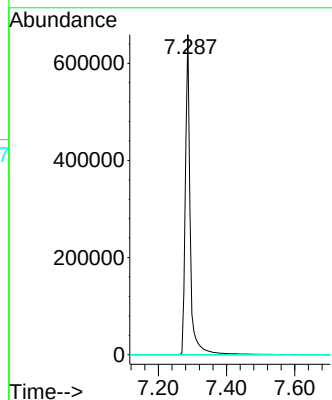
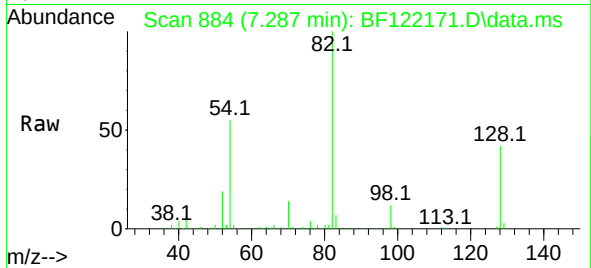




#25
Isophorone
Concen: 45.30 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

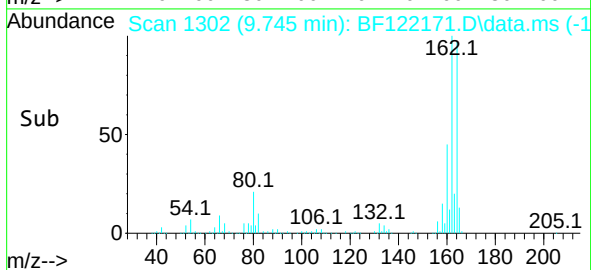
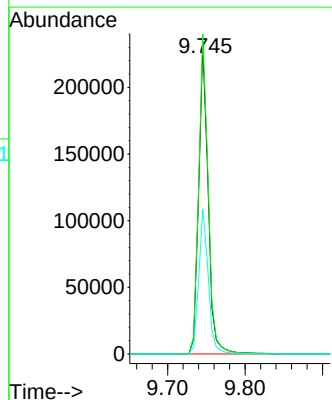
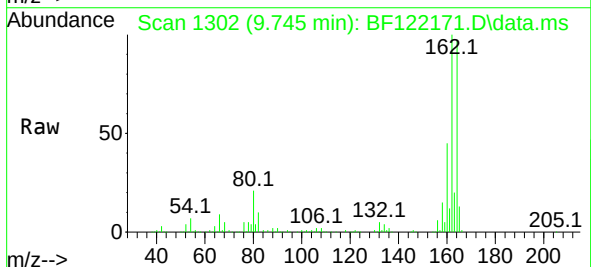
Instrument :
BNA_F
ClientSampleId :
VW-STONE-B

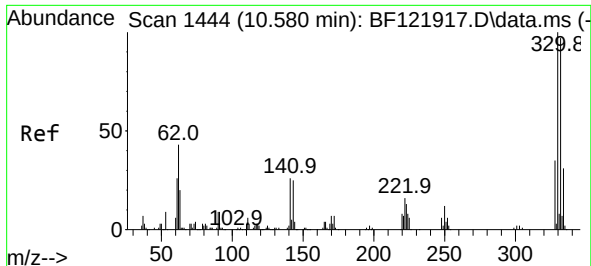
Tgt Ion: 82 Resp: 650547
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

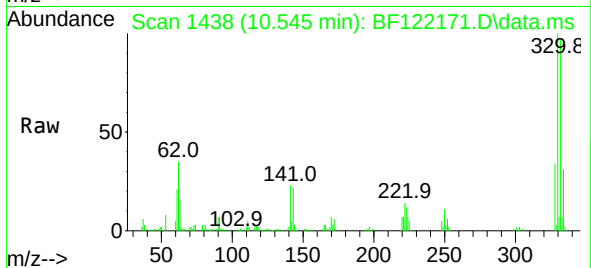
Tgt Ion:164 Resp: 197591
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 46.8 37.5 56.3



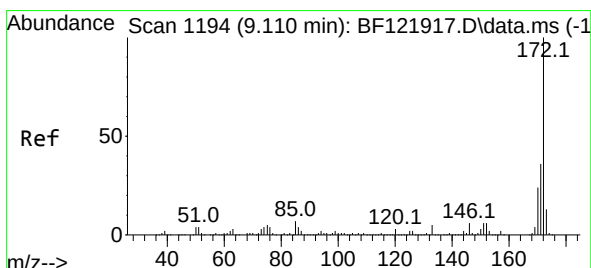
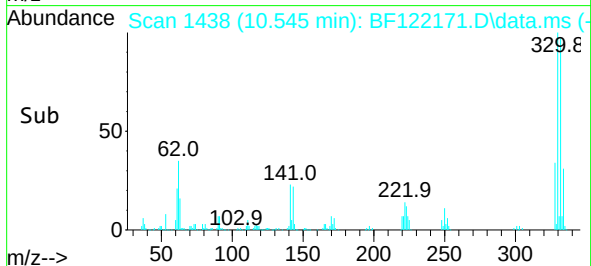
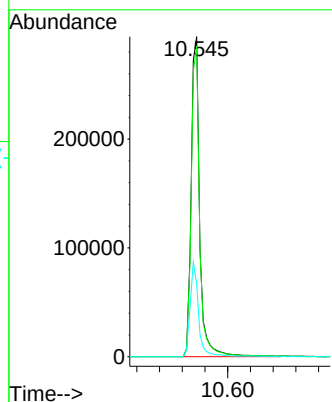


#42
2,4,6-Tribromophenol
Concen: 124.76 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Instrument :
BNA_F
ClientSampleId :
VW-STONE-B

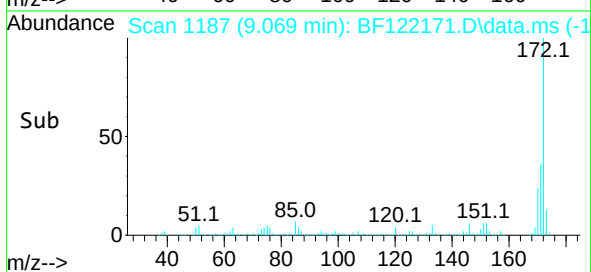
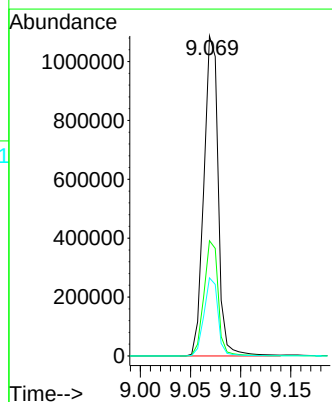
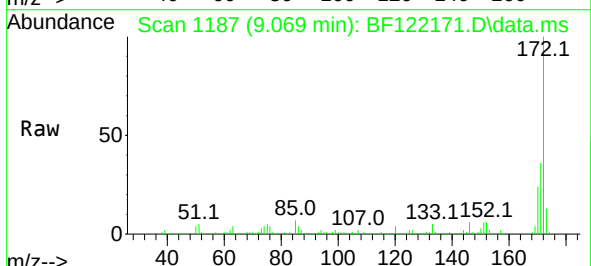


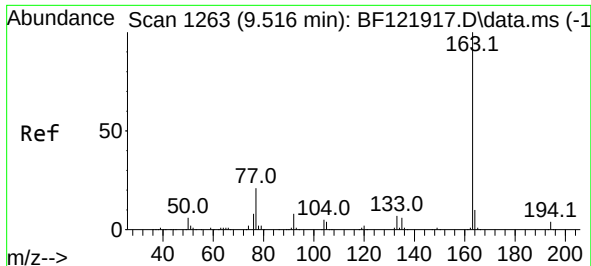
Tgt Ion: 330 Resp: 304933
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 29.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.02 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Tgt Ion: 172 Resp: 1087977
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.4 19.8 29.6

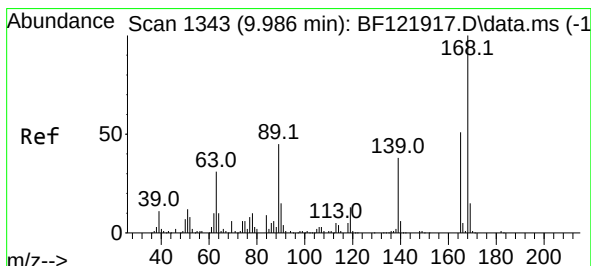
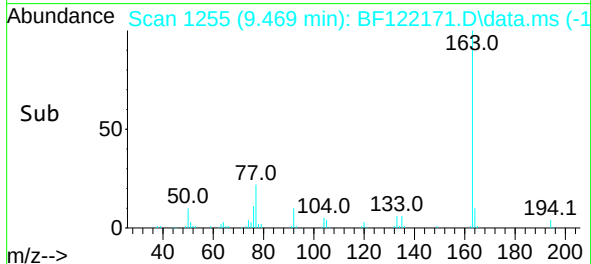
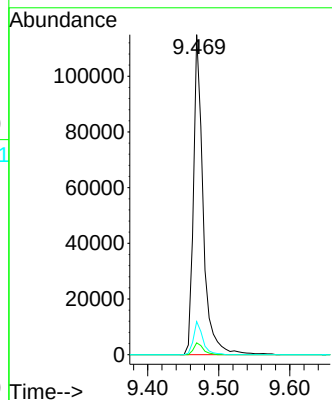
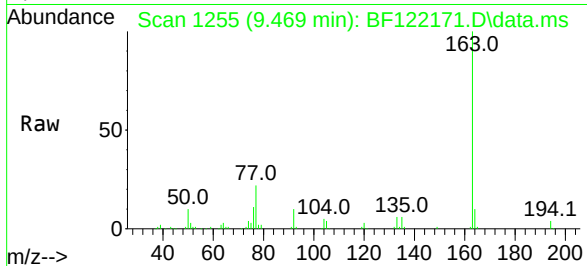




#50
Dimethylphthalate
Concen: 7.58 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

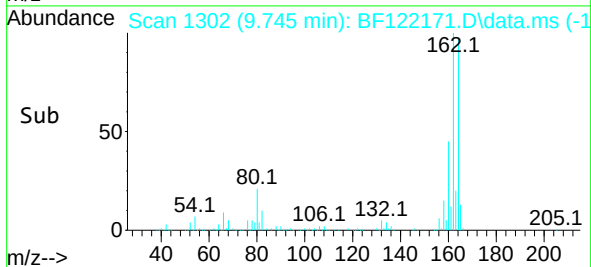
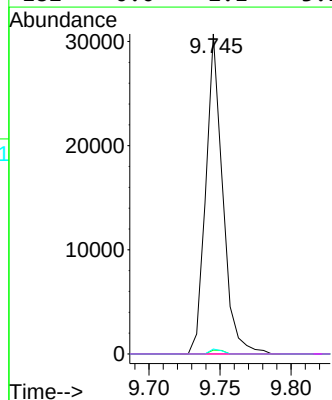
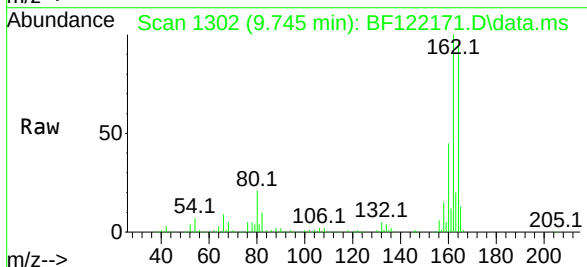
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VW-STONE-B

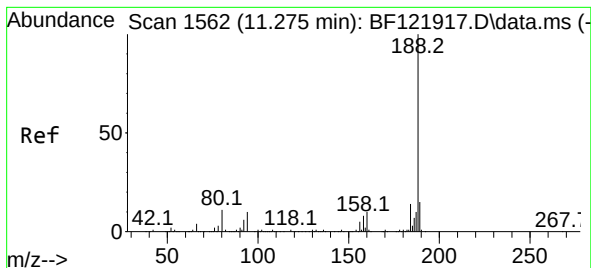
Tgt Ion:163 Resp: 109483
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Tgt Ion:165 Resp: 25480
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

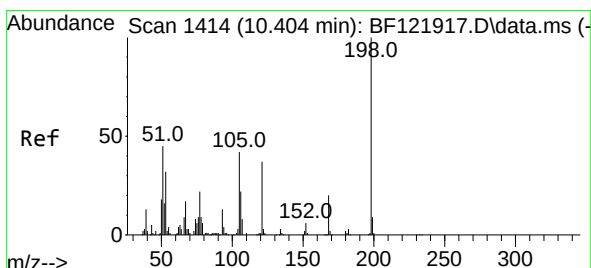
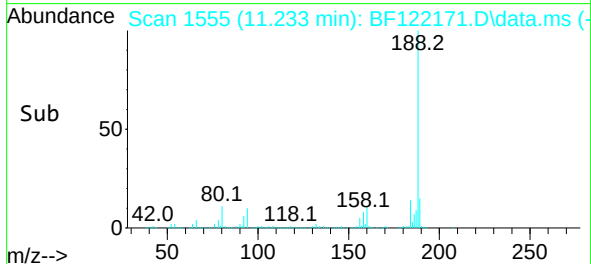
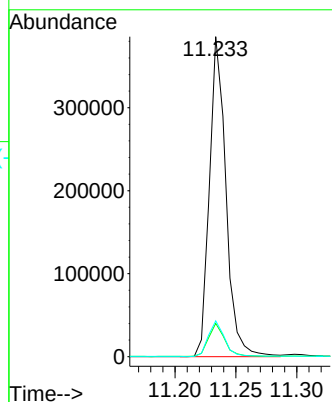
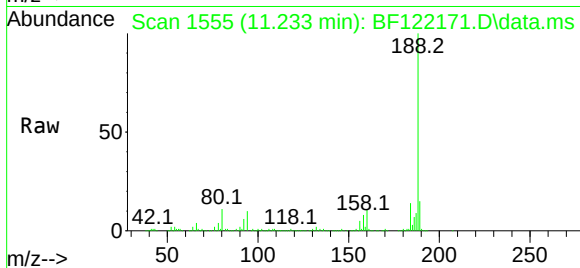




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

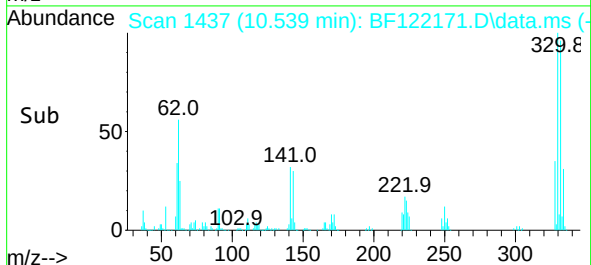
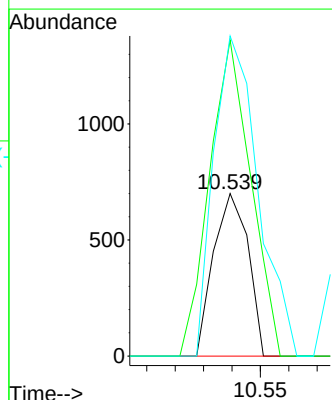
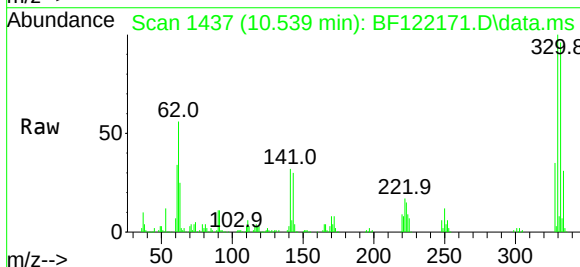
Instrument :
BNA_F
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VW-STONE-B

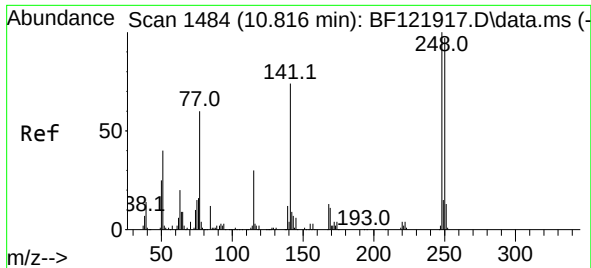
Tgt Ion:188 Resp: 364922
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.65 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Tgt Ion:198 Resp: 591
Ion Ratio Lower Upper
198 100
51 194.4 29.6 69.6#
105 197.0 24.4 64.4#

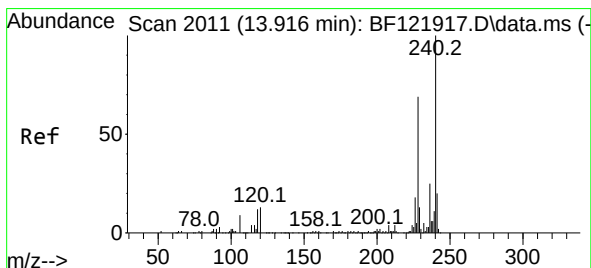
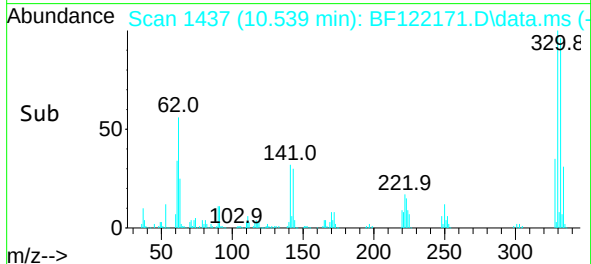
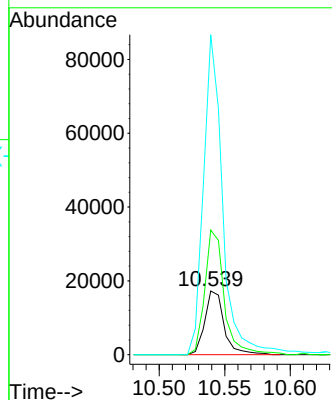
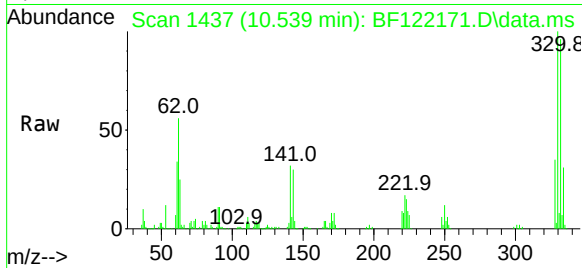




#67
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

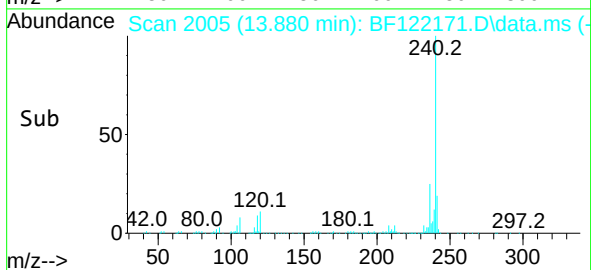
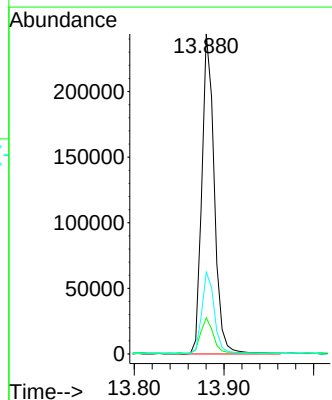
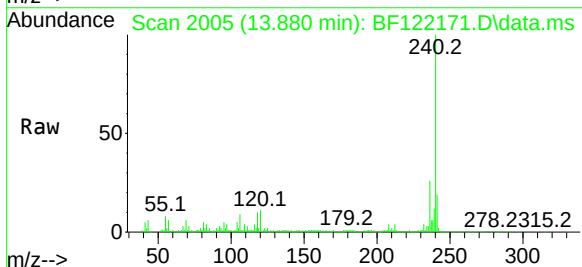
Instrument :
BNA_F
ClientSampleId :
VW-STONE-B

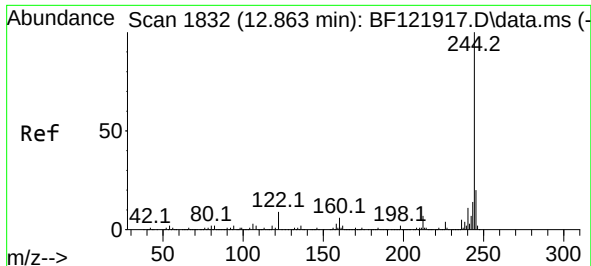
Tgt Ion:248 Resp: 17760
Ion Ratio Lower Upper
248 100
250 195.6 77.0 115.6#
141 502.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122171.D
Acq: 29 Oct 2020 18:45

Tgt Ion:240 Resp: 234718
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.6 20.9 31.3

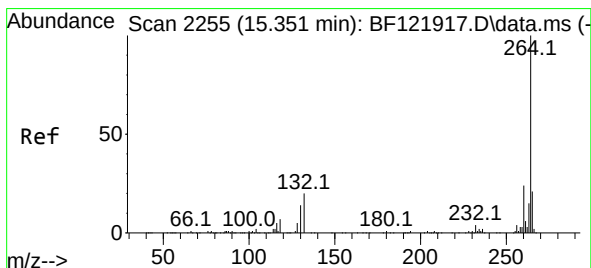
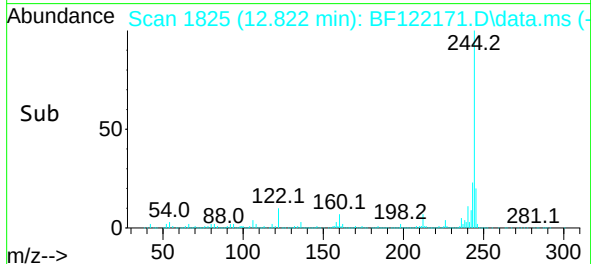
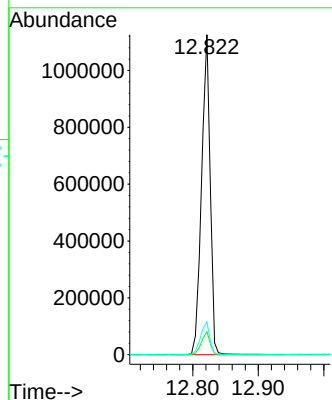
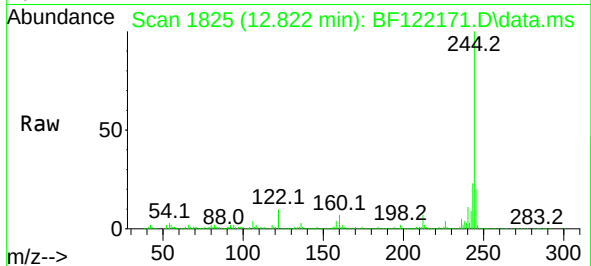




#79
 Terphenyl-d14
 Concen: 83.76 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122171.D
 Acq: 29 Oct 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :
 VW-STONE-B

Tgt Ion:244 Resp: 1031636
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.3 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: BF122171.D
 Acq: 29 Oct 2020 18:45

Tgt Ion:264 Resp: 231961
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.6 17.3 25.9

