

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122259.D
 Acq On : 4 Nov 2020 12:59
 Operator : JU/CG
 Sample : L4607-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OW-01

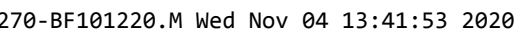
Quant Time: Nov 04 13:41:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	80854	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	318698	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	158393	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	277410	20.00	ng	0.00
76) Chrysene-d12	13.886	240	186805	20.00	ng	0.00
86) Perylene-d12	15.327	264	193674	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	263711	48.14	ng	0.02
7) Phenol-d6	6.422	99	206537	29.29	ng	0.05
23) Nitrobenzene-d5	7.281	82	578747	93.13	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	273248	139.46	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	980563	91.09	ng	0.00
79) Terphenyl-d14	12.821	244	776339	79.20	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.439	94	39940	5.49	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	80538	20.06	ng	# 81
25) Isophorone	7.281	82	578742	49.25	ng	# 67
32) Benzoic acid	7.857	122	1547	8.12	ng	# 49
50) Dimethylphthalate	9.469	163	82716	7.14	ng	99
54) 2,4-Dinitrophenol	10.104	184	116	8.77	ng	# 1
57) 2,4-Dinitrotoluene	9.745	165	21104	6.75	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.574	198	3188	5.99	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	16095	5.02	ng	# 1

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

Quant Time: Nov 04 13:41:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

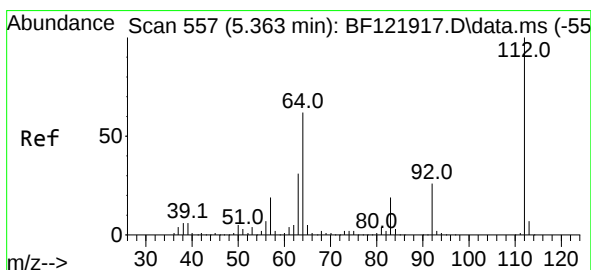
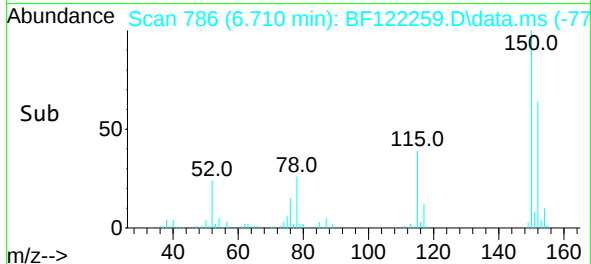
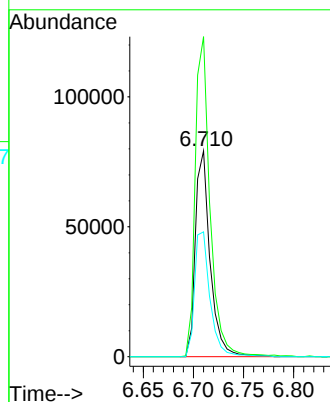
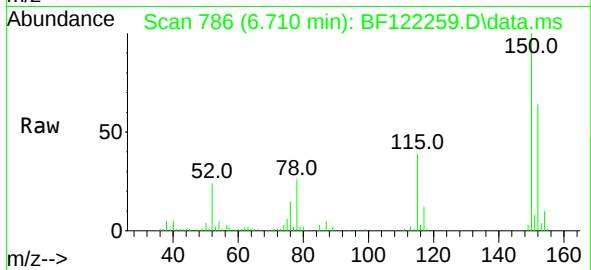




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122259.D
 Acq: 4 Nov 2020 12:59

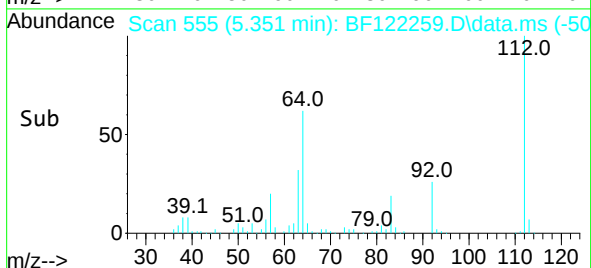
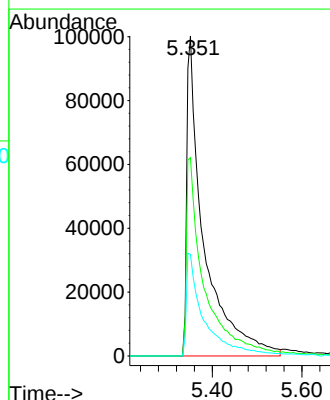
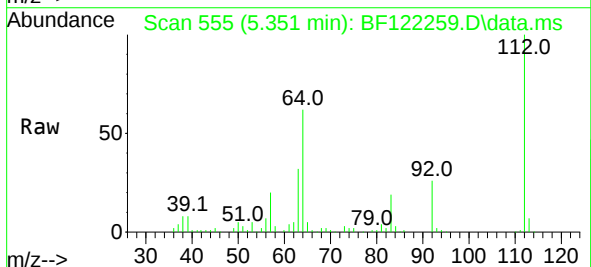
Instrument :
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 OW-01

Tgt Ion:152 Resp: 80854
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.3 187.9
 115 60.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 48.14 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF122259.D
 Acq: 4 Nov 2020 12:59

Tgt Ion:112 Resp: 263711
 Ion Ratio Lower Upper
 112 100
 64 62.0 50.4 75.6
 63 31.8 25.8 38.6

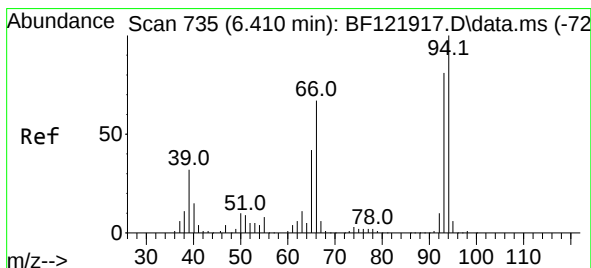
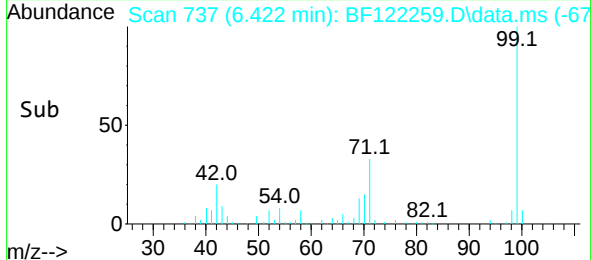
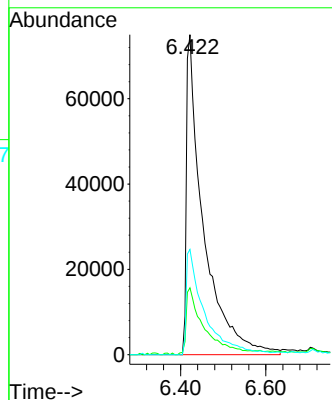
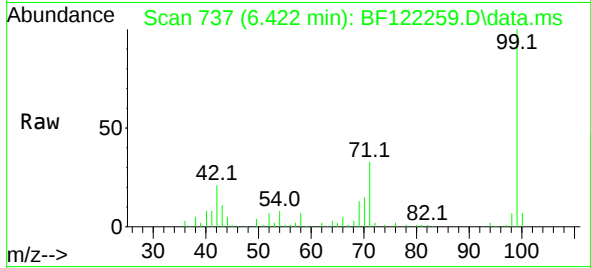




#7
Phenol-d6
Concen: 29.29 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.053 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

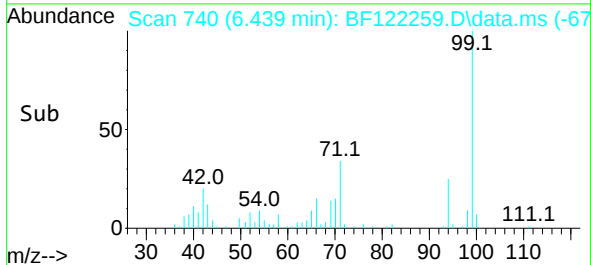
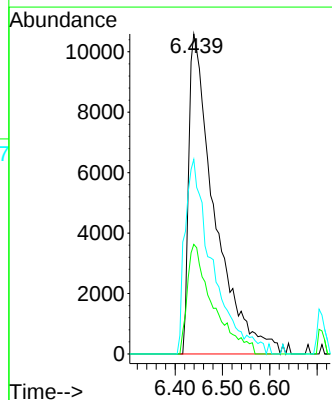
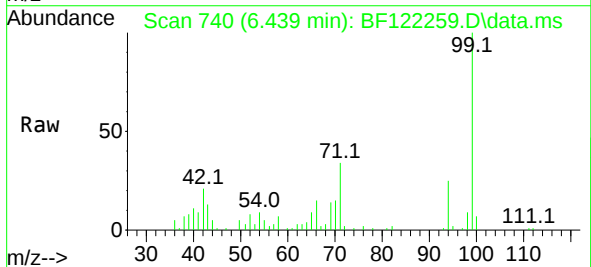
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ClientSampleId :
OW-01

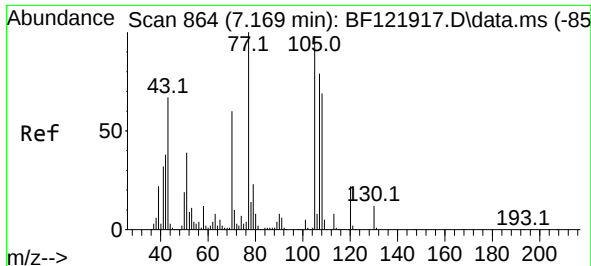
Tgt Ion: 99 Resp: 206537
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 32.9 27.1 40.7



#10
Phenol
Concen: 5.49 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.058 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion: 94 Resp: 39940
Ion Ratio Lower Upper
94 100
65 34.3 17.1 57.1
66 60.8 36.0 76.0



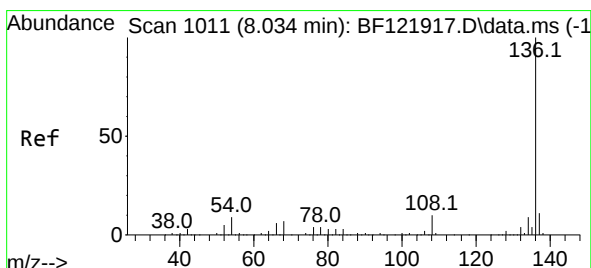
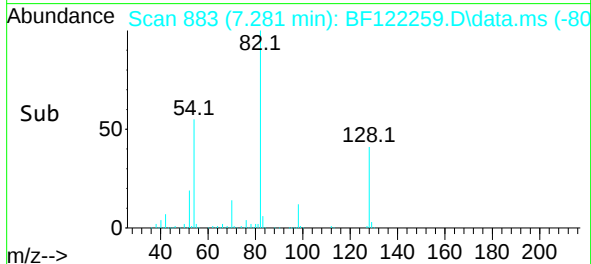
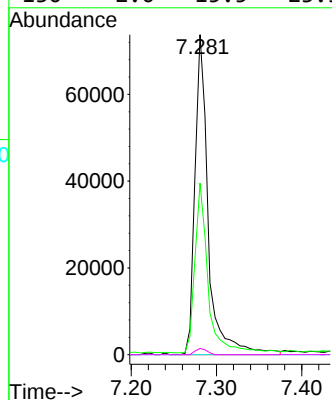
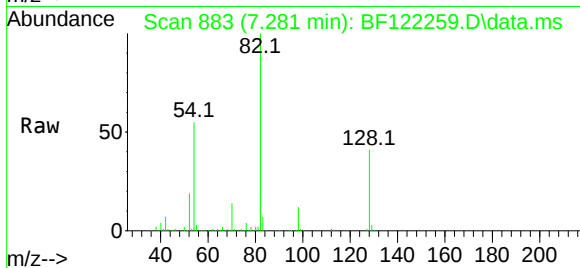


#19

n-Nitroso-di-n-propylamine
Concen: 20.06 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Instrument :
BNA_F
ClientSampleId :
OW-01

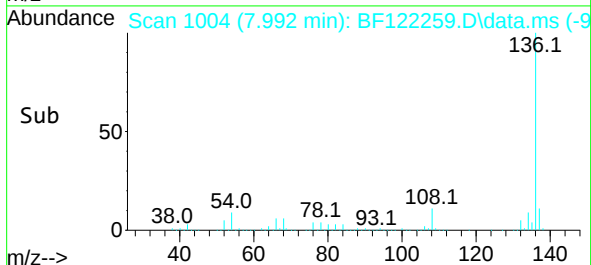
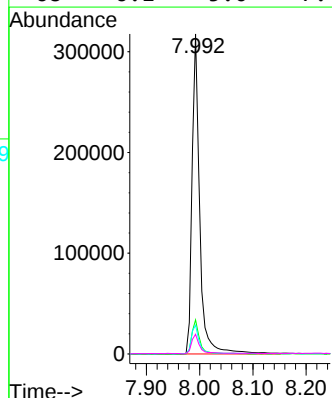
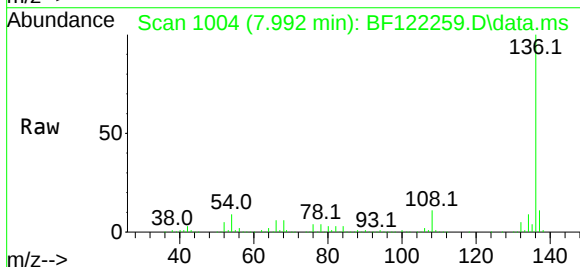
Tgt Ion: 70 Resp: 80538
Ion Ratio Lower Upper
70 100
42 53.7 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

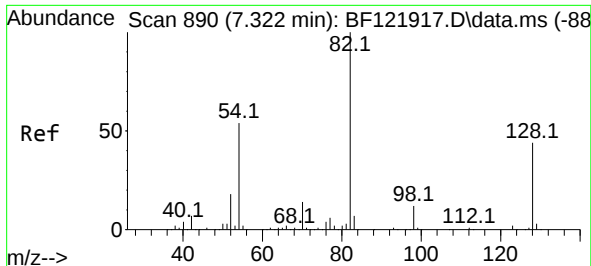


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion: 136 Resp: 318698
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.1 10.7
68 6.1 5.0 7.4

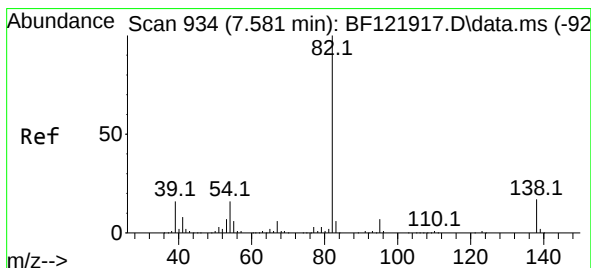
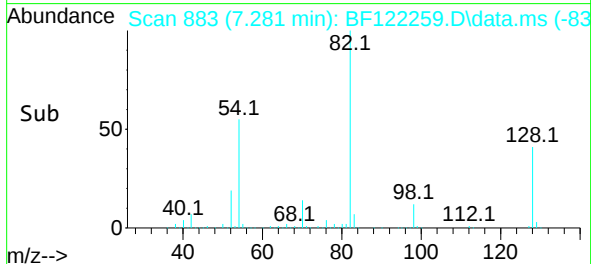
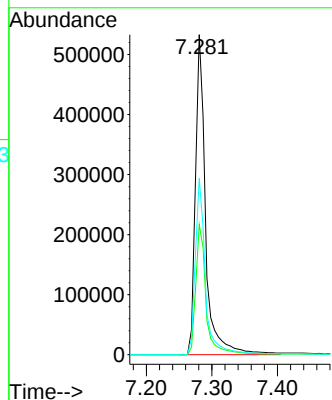
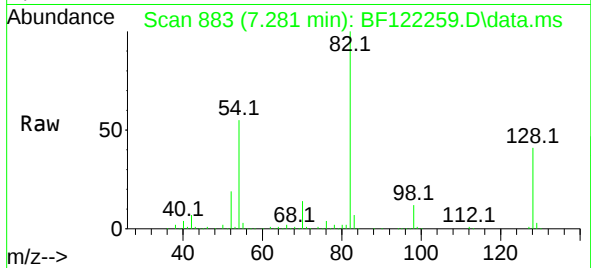




#23
Nitrobenzene-d5
Concen: 93.13 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

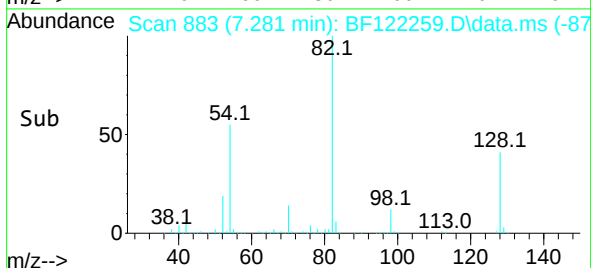
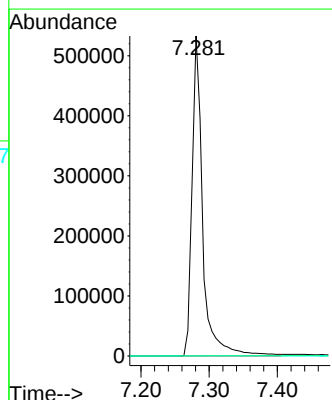
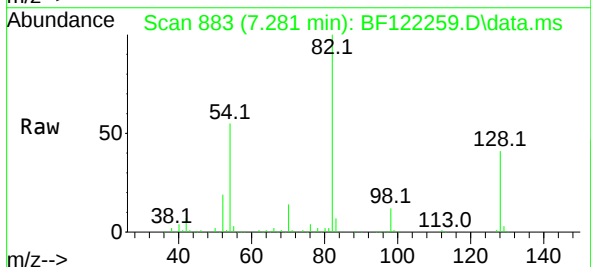
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ClientSampleId :
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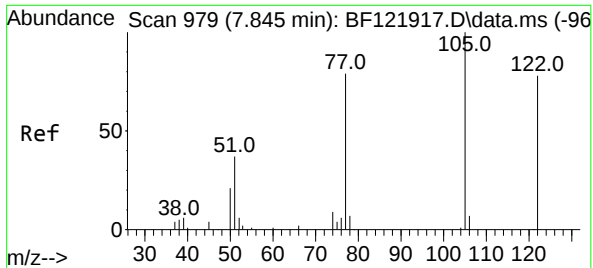
Tgt Ion: 82 Resp: 578747
Ion Ratio Lower Upper
82 100
128 40.7 35.0 52.4
54 55.1 43.9 65.9



#25
Isophorone
Concen: 49.25 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion: 82 Resp: 578742
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.4 20.0#

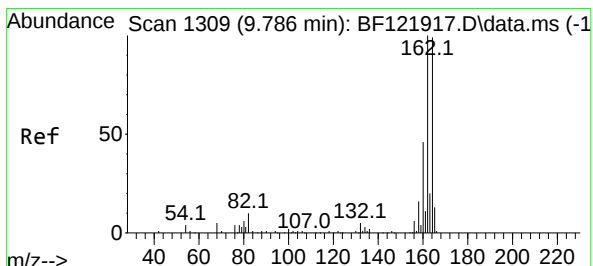
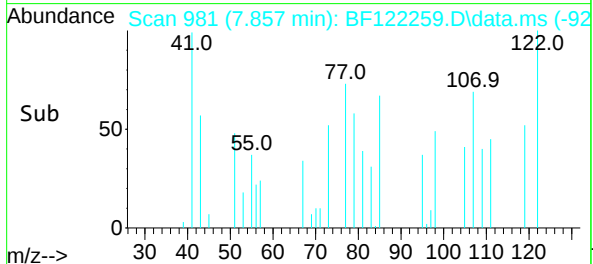
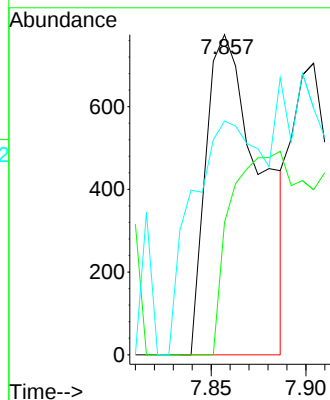
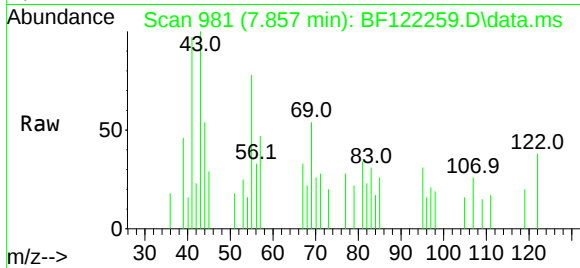




#32
Benzoic acid
Concen: 8.12 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.029 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

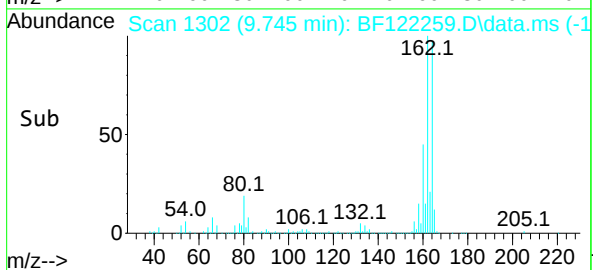
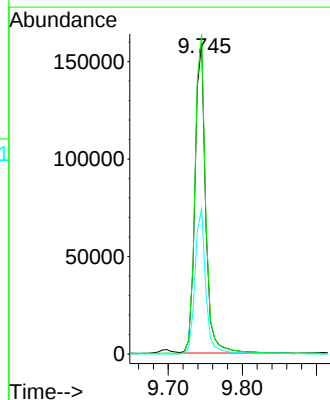
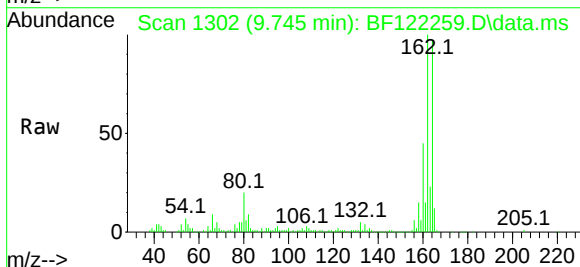
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ClientSampleId :
OW-01

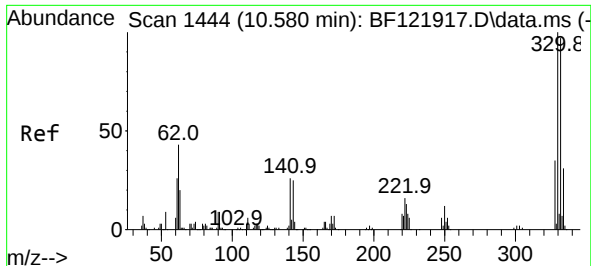
Tgt Ion:122 Resp: 1547
Ion Ratio Lower Upper
122 100
105 41.3 103.3 143.3#
77 73.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion:164 Resp: 158393
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 46.7 37.5 56.3

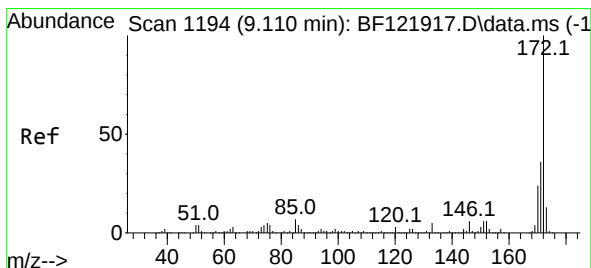
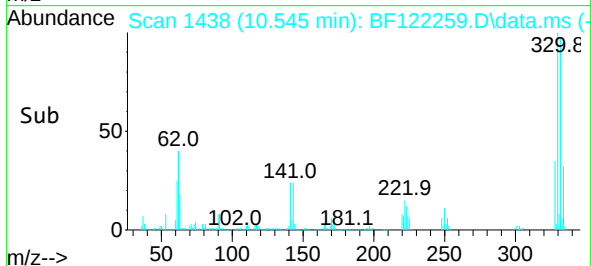
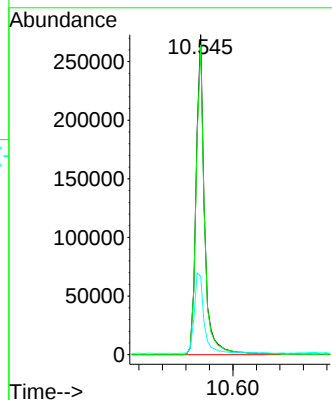
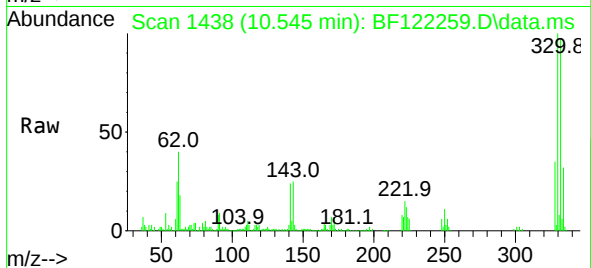




#42
2,4,6-Tribromophenol
Concen: 139.46 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

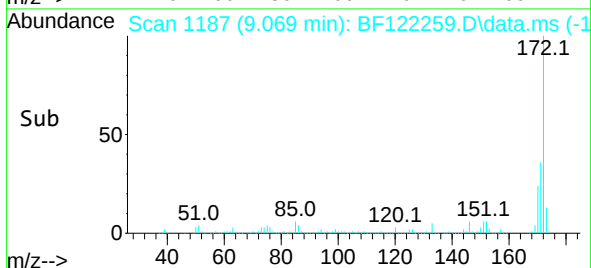
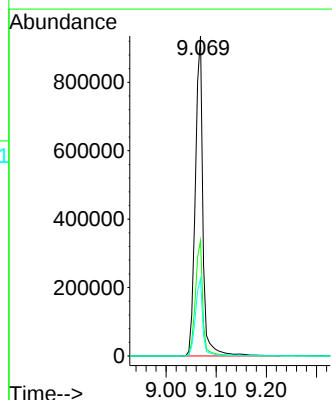
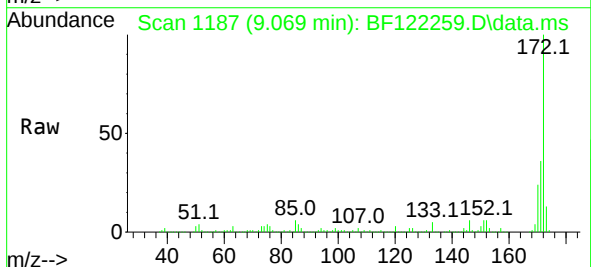
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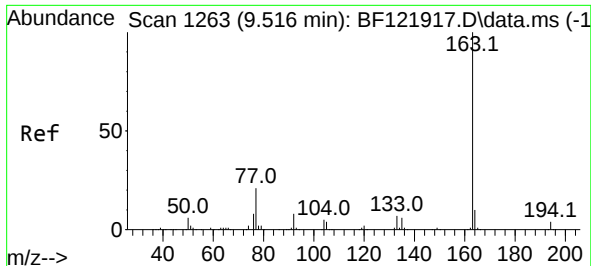
Tgt Ion: 330 Resp: 273248
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 29.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 91.09 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion: 172 Resp: 980563
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

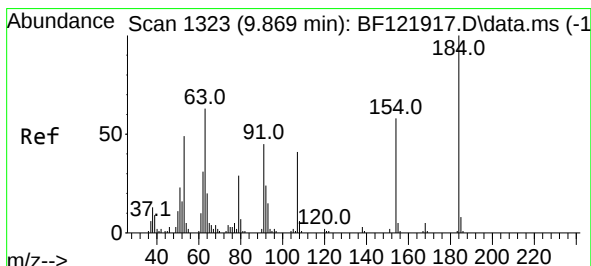
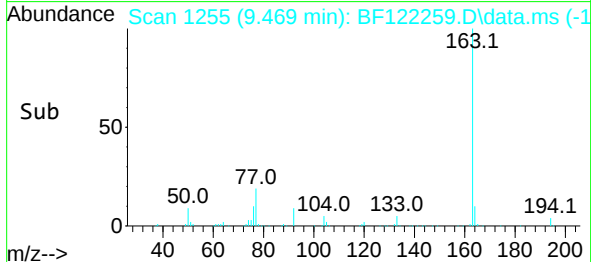
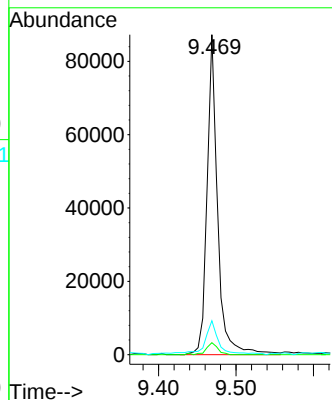
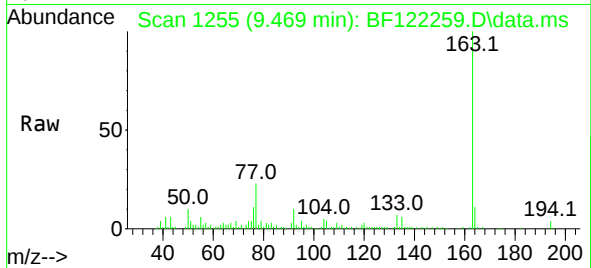




#50
Dimethylphthalate
Concen: 7.14 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

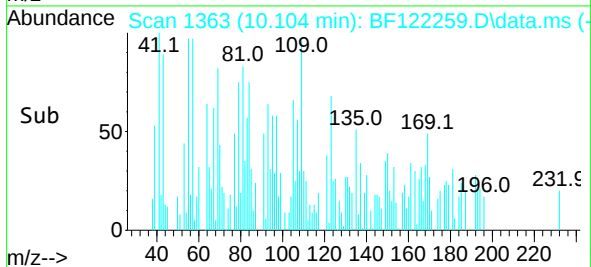
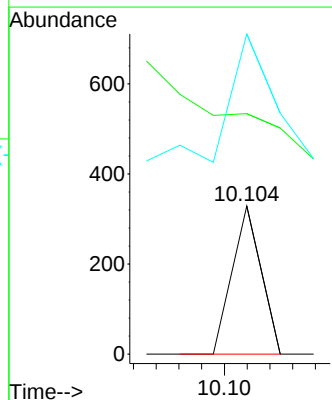
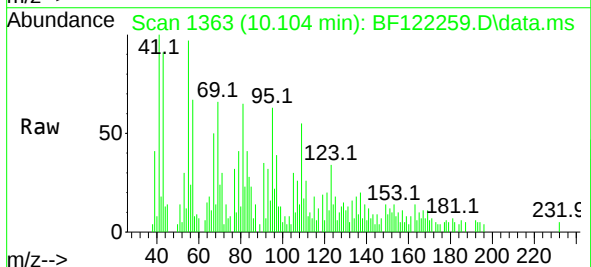
Instrument :
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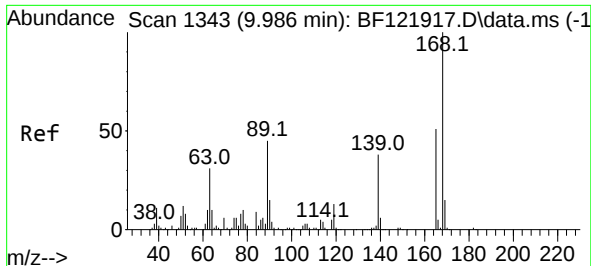
Tgt Ion:163 Resp: 82716
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.6 8.2 12.4



#54
2,4-Dinitrophenol
Concen: 8.77 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.259 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 162.3 45.9 68.9#
154 216.1 45.8 68.6#

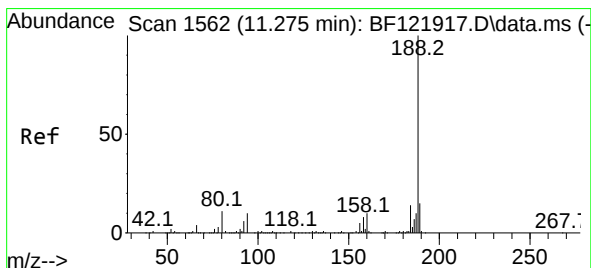
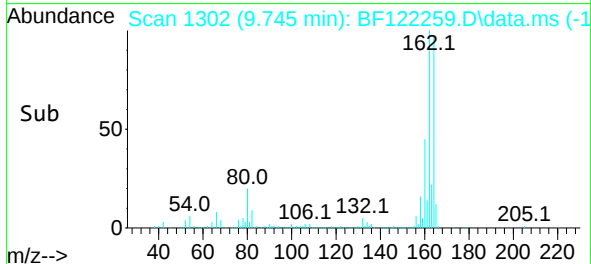
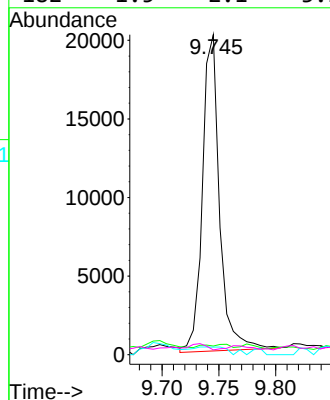
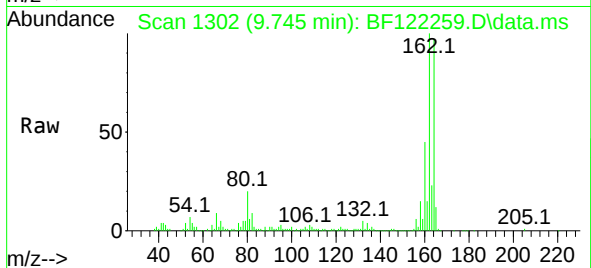




#57
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

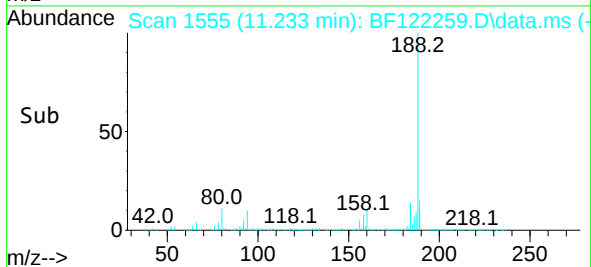
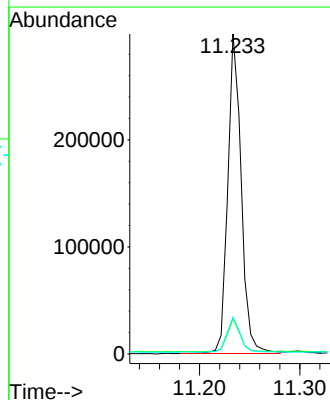
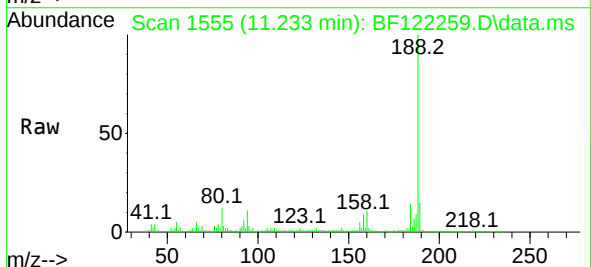
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BNA_F
ClientSampleId :
OW-01

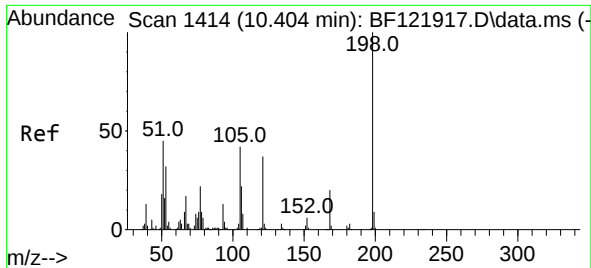
Tgt Ion:165	Resp:	21104
Ion Ratio	Lower	Upper
165	100	
63	2.7	41.3
89	2.4	61.8
182	1.5	2.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion:188	Resp:	277410
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.3
80	11.5	9.1

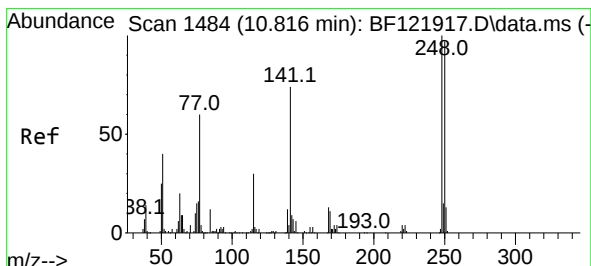
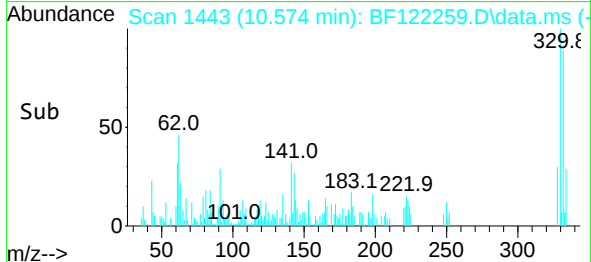
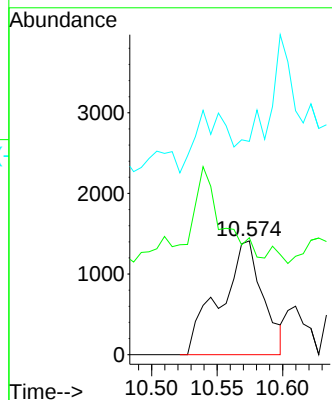
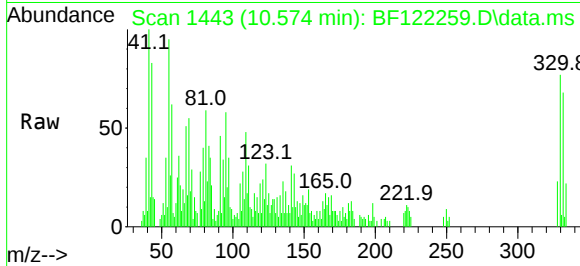




#65
4,6-Dinitro-2-methylphenol
Concen: 5.99 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.200 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

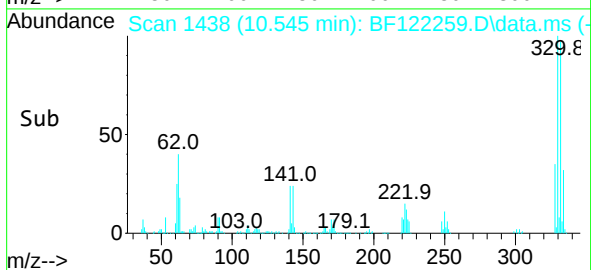
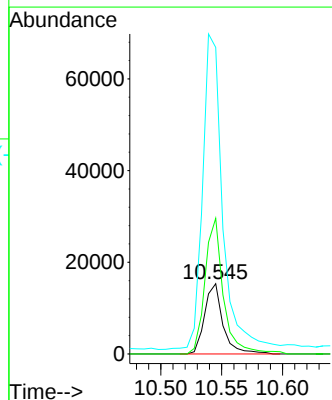
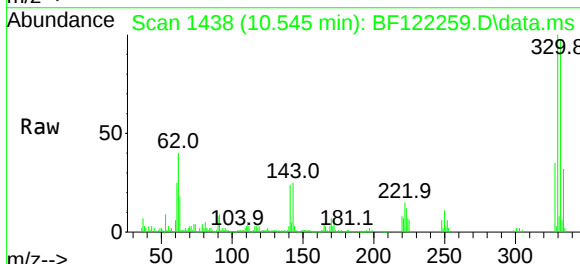
Instrument :
BNA_F
ClientSampleId :
OW-01

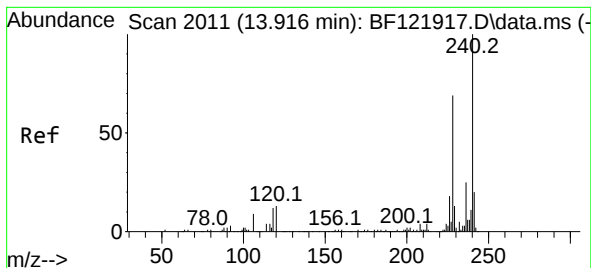
Tgt Ion:198 Resp: 3188
Ion Ratio Lower Upper
198 100
51 102.8 29.6 69.6#
105 187.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

Tgt Ion:248 Resp: 16095
Ion Ratio Lower Upper
248 100
250 193.2 77.0 115.6#
141 436.4 53.7 80.5#

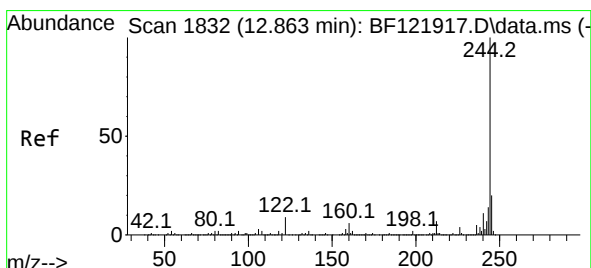
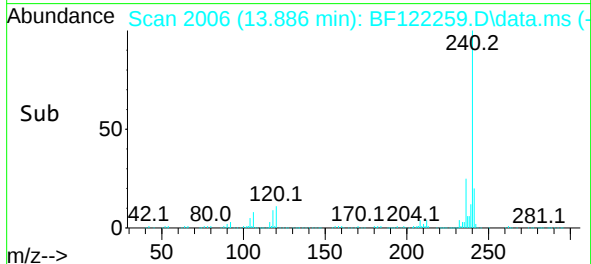
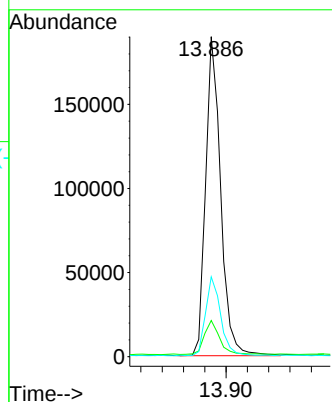
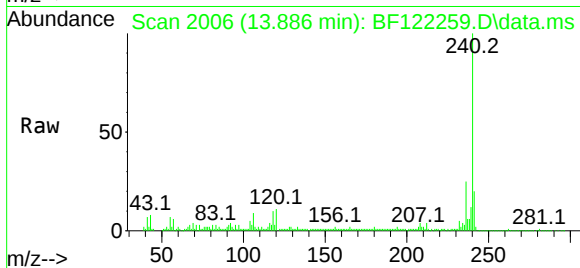




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

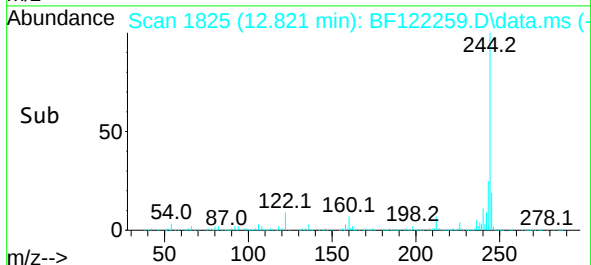
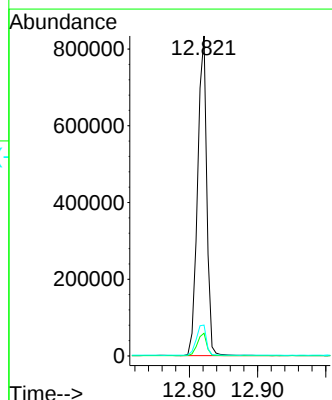
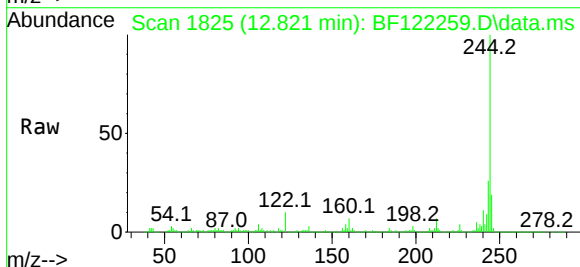
Instrument :
BNA_F
ClientSampleId :
OW-01

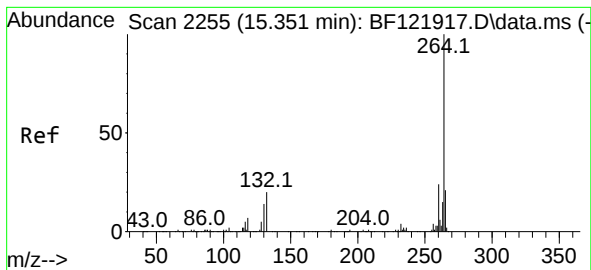
Tgt Ion:240 Resp: 186805
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 24.9 20.9 31.3



#79
Terphenyl-d14
Concen: 79.20 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122259.D
Acq: 4 Nov 2020 12:59

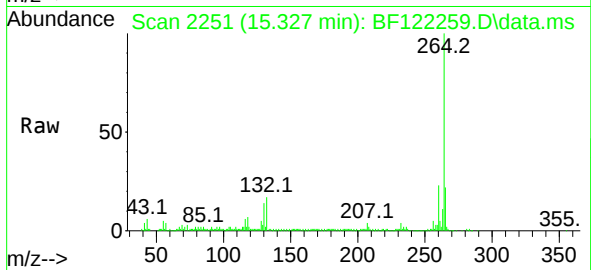
Tgt Ion:244 Resp: 776339
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.023 min
 Lab File: BF122259.D
 Acq: 4 Nov 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 OW-01



Tgt Ion:264 Resp: 193674

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.6	17.3	25.9

