

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121942.D
 Acq On : 13 Oct 2020 17:13
 Operator : JU/CG
 Sample : L4333-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH-WC-C-C1

Quant Time: Oct 13 18:05:56 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 12 16:22:33 2020
 Response via : Initial Calibration

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

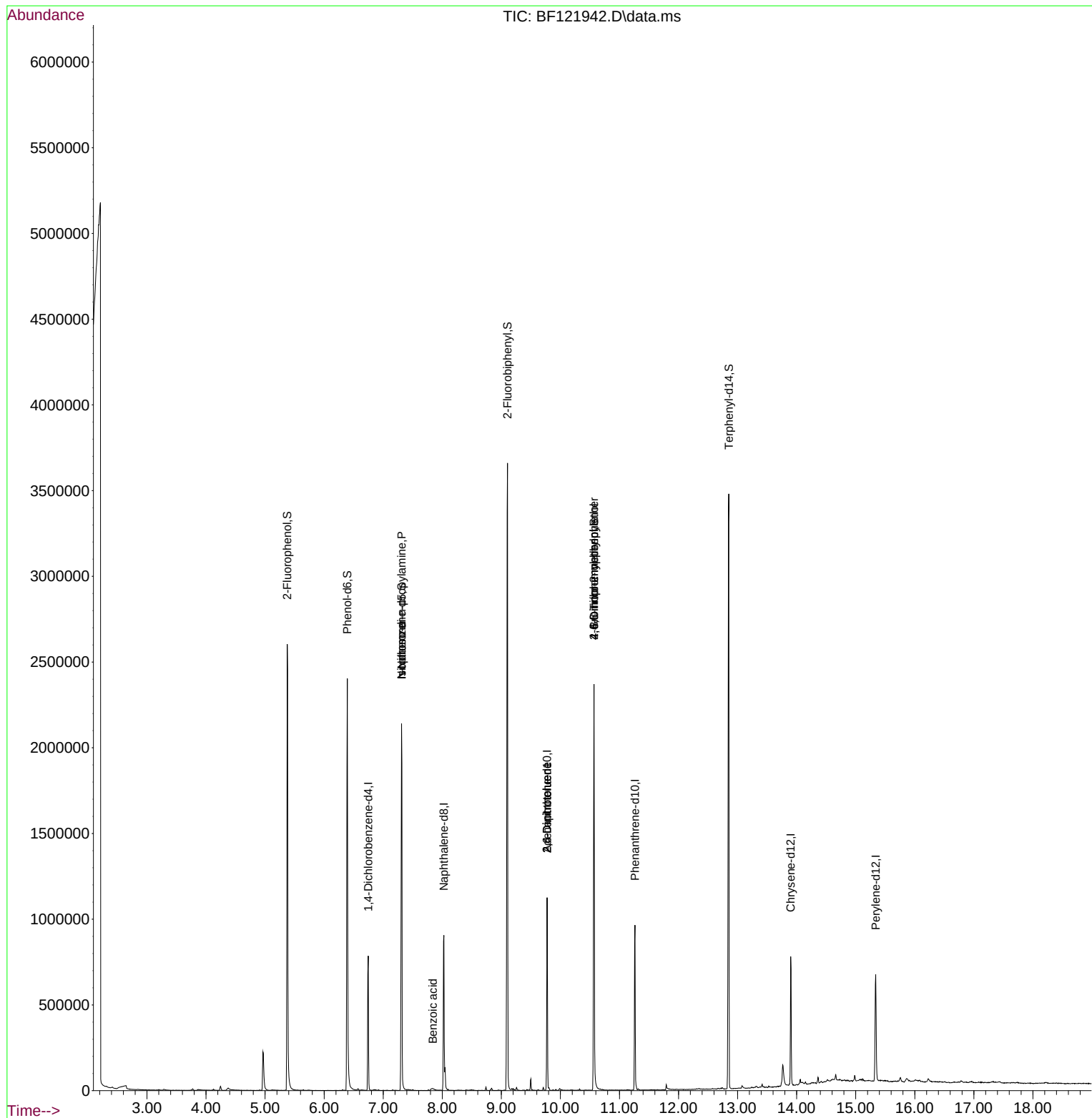
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	113524	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	433051	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	212458	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	364910	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	265915	20.00	ng	-0.02
86) Perylene-d12	15.339	264	264999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	783466	101.86	ng	0.01
7) Phenol-d6	6.393	99	852191	86.07	ng	0.00
23) Nitrobenzene-d5	7.310	82	799961	94.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	326905	124.39	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1283932	88.92	ng	0.00
79) Terphenyl-d14	12.851	244	1195099	85.65	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.310	77	1633	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.310	70	108247	19.20	ng	# 79
25) Isophorone	7.310	82	790996	49.54	ng	# 67
32) Benzoic acid	7.840	122	8646	9.48	ng	# 72
51) 2,6-Dinitrotoluene	9.775	165	27432	8.05	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	27432	6.54	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.569	198	539	4.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	18946	4.49	ng	# 1

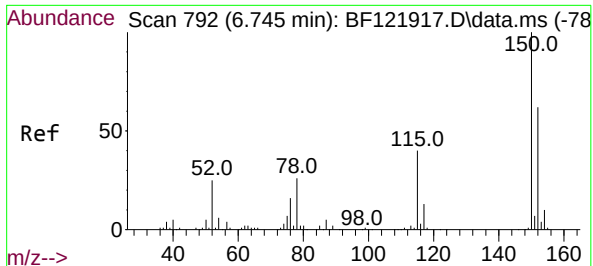
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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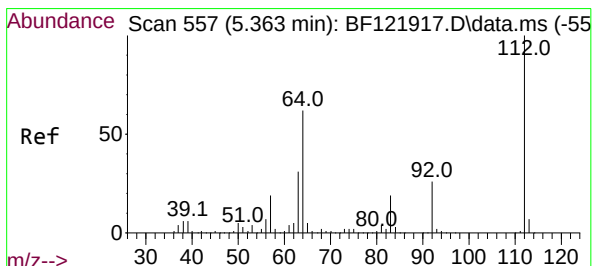
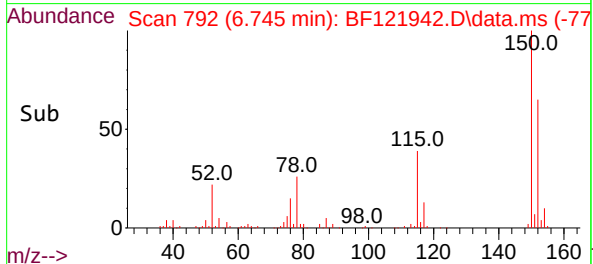
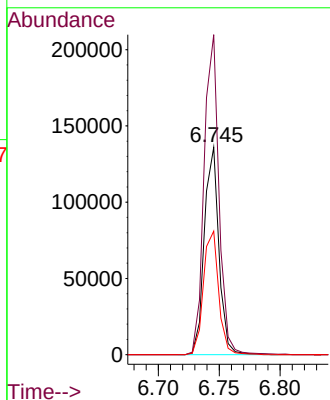
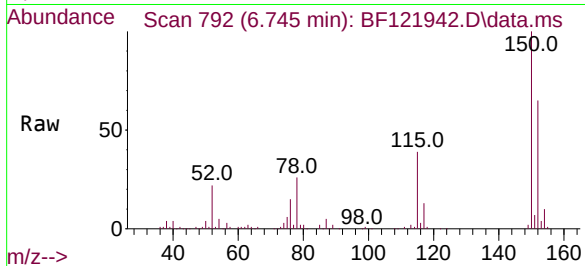




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

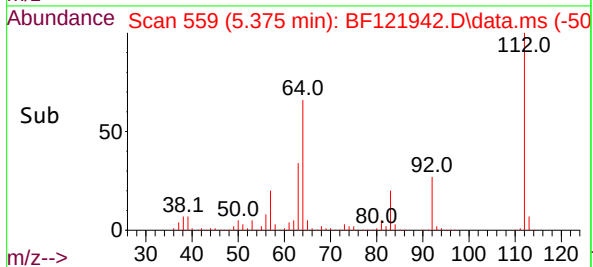
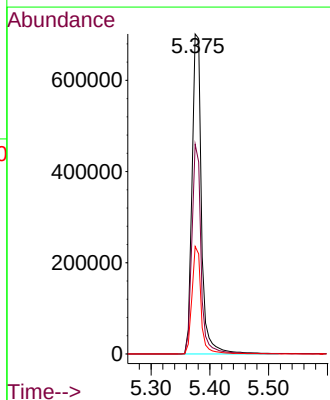
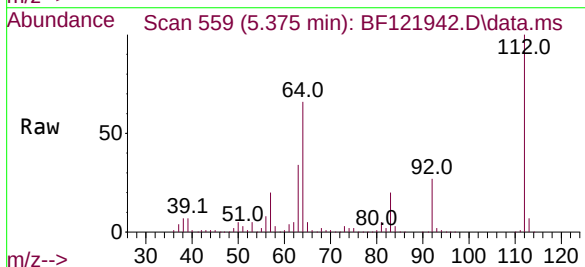
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1

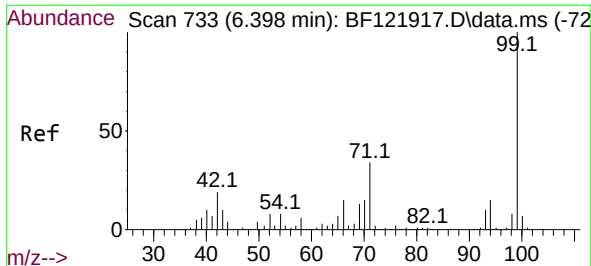
Tgt Ion:152 Resp: 113524
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 59.6 51.9 77.9



#5
2-Fluorophenol
Concen: 101.86 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

Tgt Ion:112 Resp: 783466
Ion Ratio Lower Upper
112 100
64 65.6 50.4 75.6
63 33.6 25.8 38.6

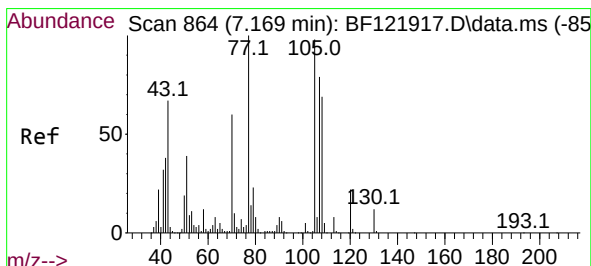
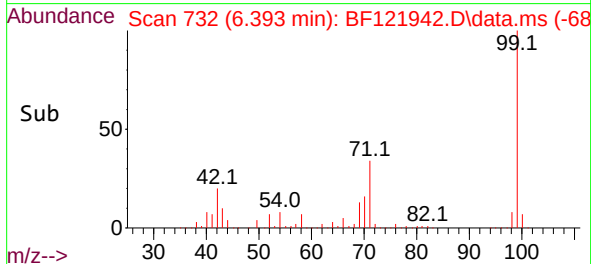
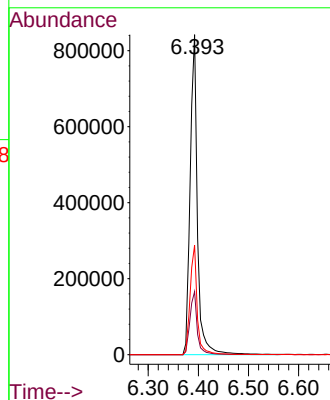
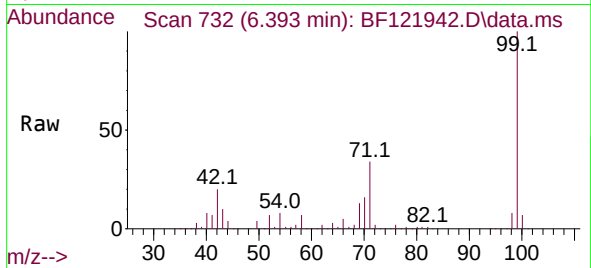




#7
Phenol-d6
Concen: 86.07 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

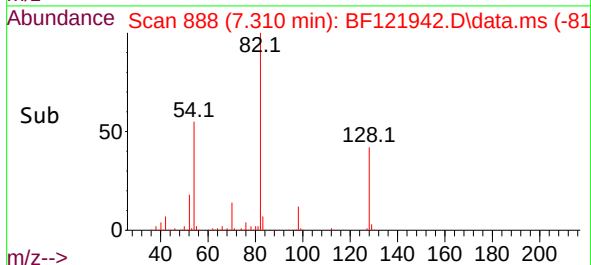
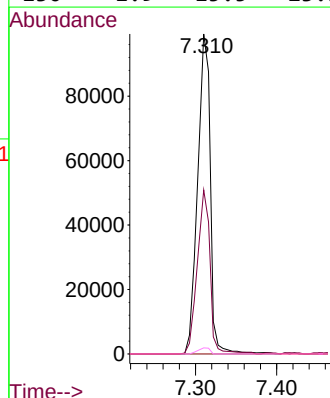
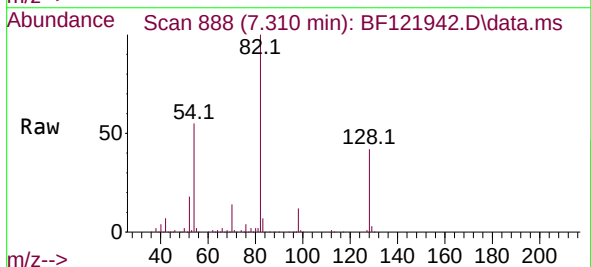
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1

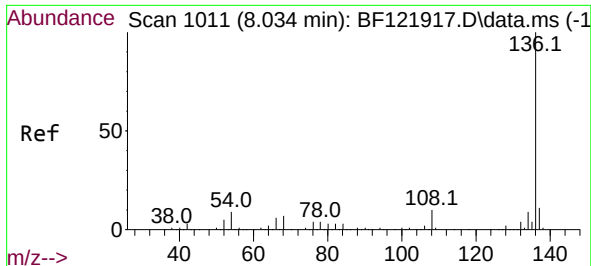
Tgt Ion: 99 Resp: 852191
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.20 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

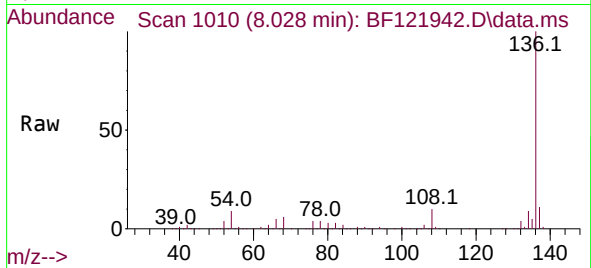
Tgt Ion: 70 Resp: 108247
Ion Ratio Lower Upper
70 100
42 51.2 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



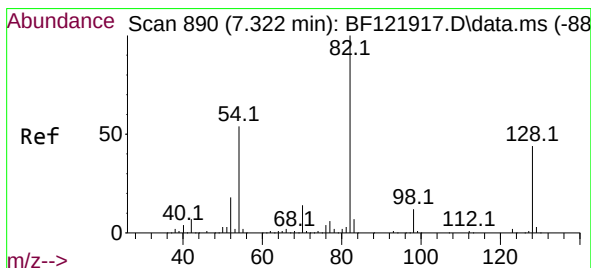
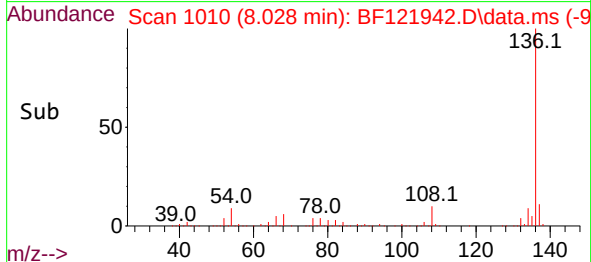
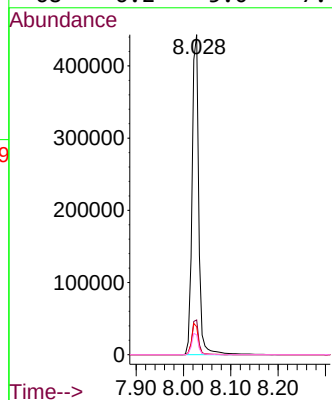


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

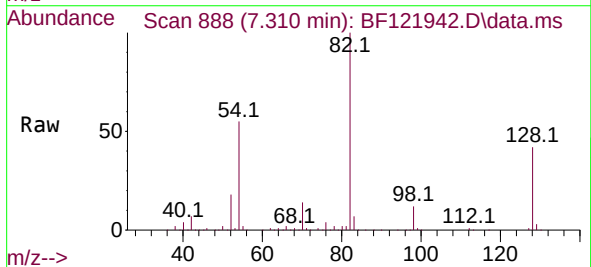
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1



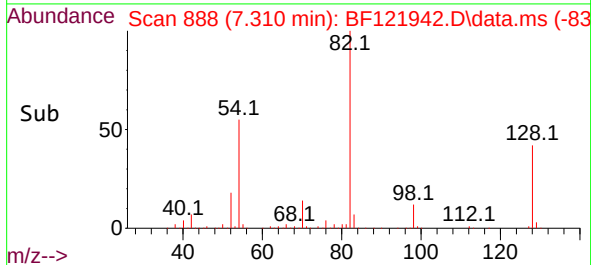
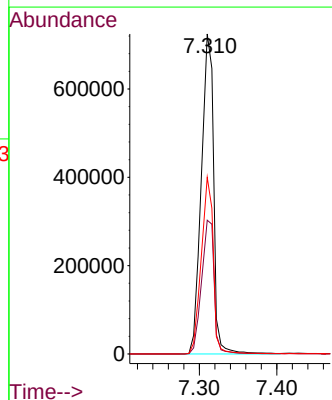
Tgt Ion:136 Resp: 433051
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.1 10.7
68 6.2 5.0 7.4

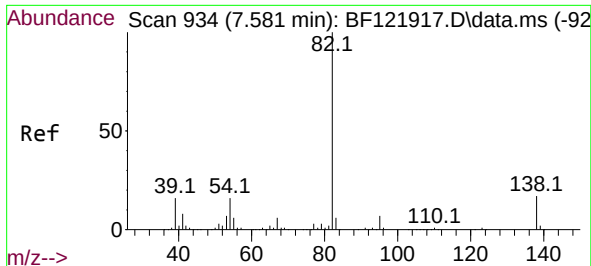


#23
Nitrobenzene-d5
Concen: 94.74 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13



Tgt Ion: 82 Resp: 799961
Ion Ratio Lower Upper
82 100
128 41.8 35.0 52.4
54 55.2 43.9 65.9

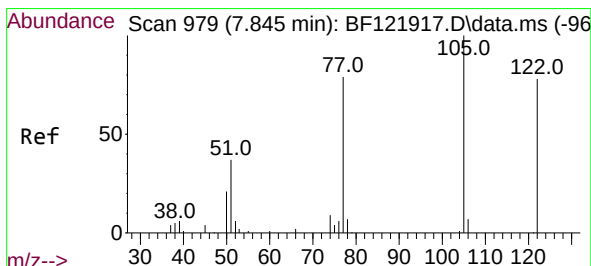
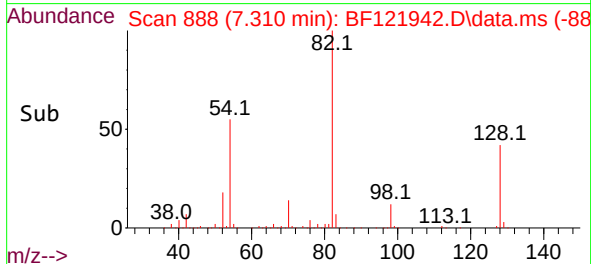
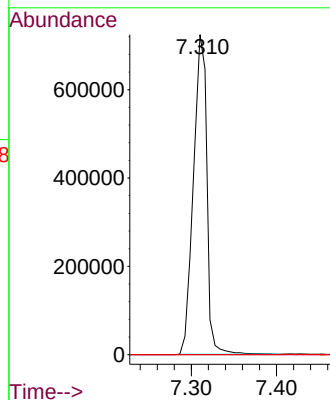
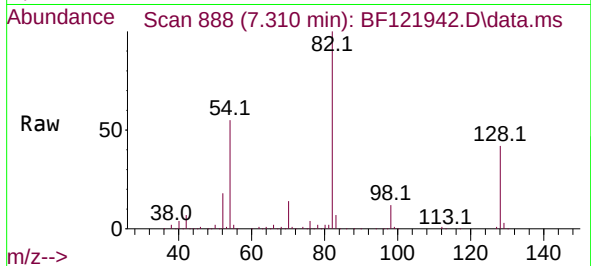




#25
Isophorone
Concen: 49.54 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.270 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

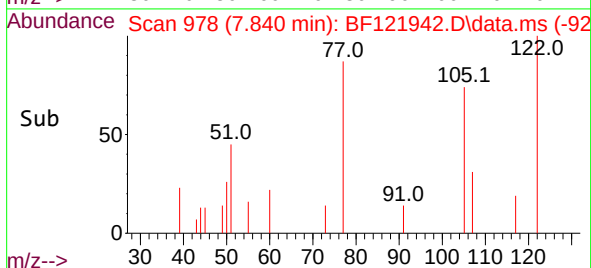
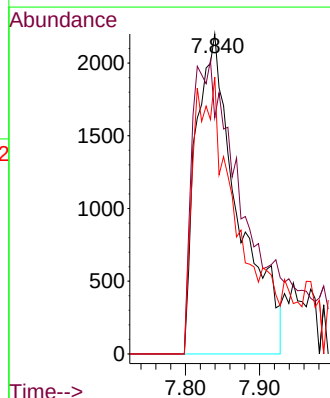
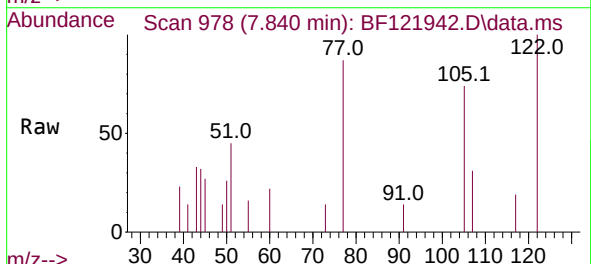
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1

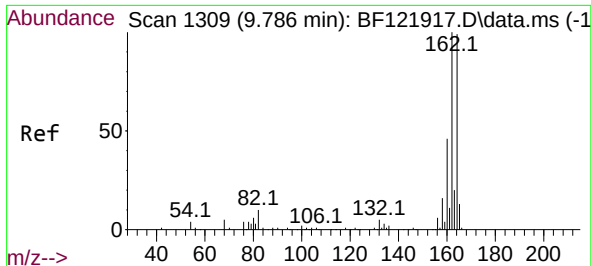
Tgt Ion: 82 Resp: 790996
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 9.48 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.005 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

Tgt Ion: 122 Resp: 8646
Ion Ratio Lower Upper
122 100
105 73.8 103.3 143.3#
77 86.5 73.9 113.9

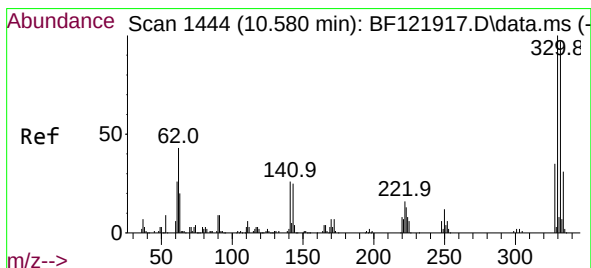
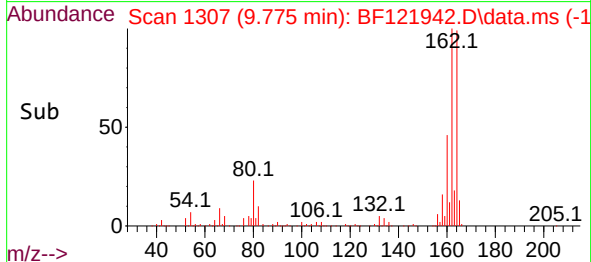
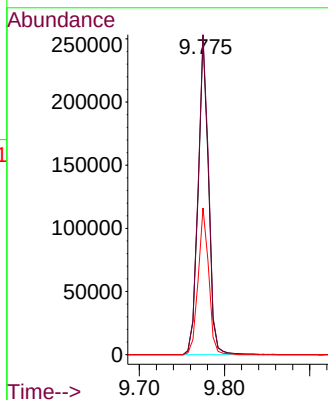
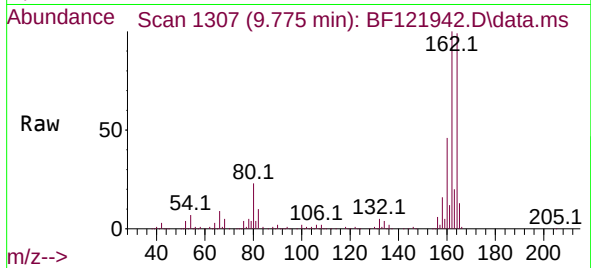




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

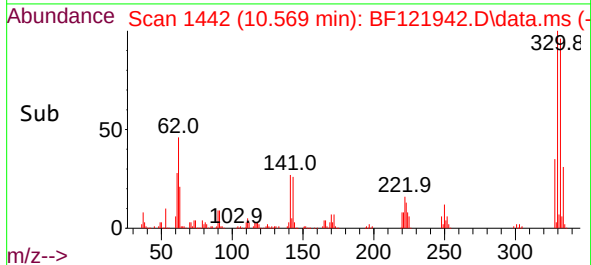
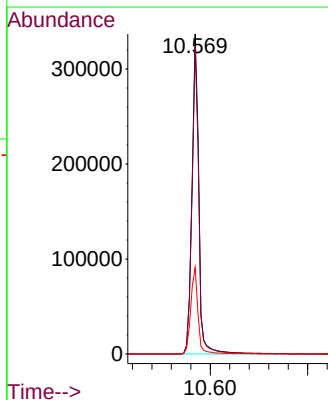
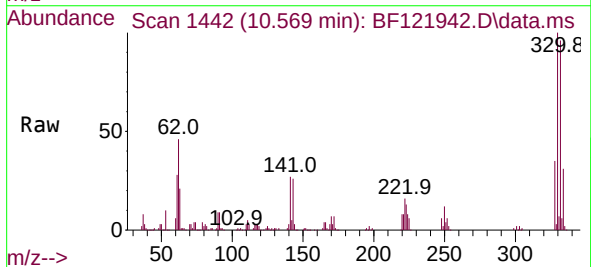
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1

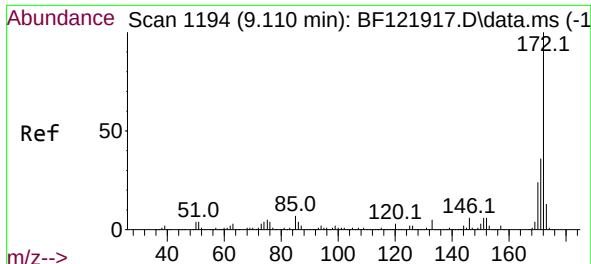
Tgt Ion:164 Resp: 212458
Ion Ratio Lower Upper
164 100
162 101.0 83.2 124.8
160 46.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 124.39 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

Tgt Ion:330 Resp: 326905
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 28.5 22.3 33.5

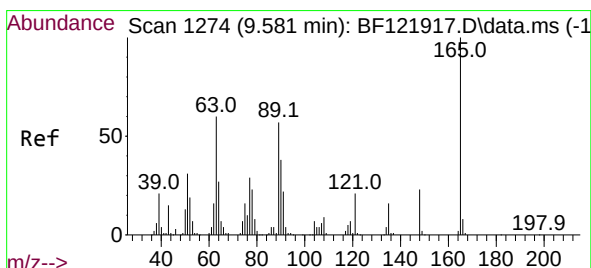
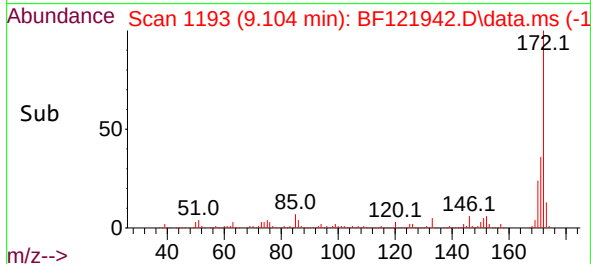
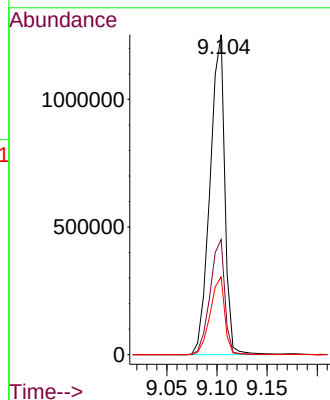
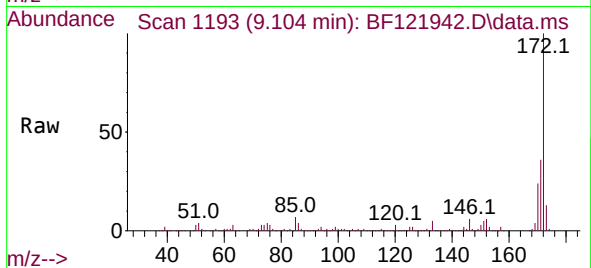




#45
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

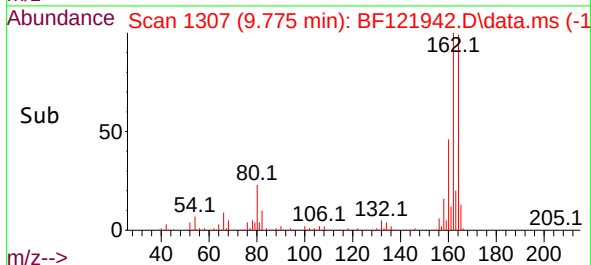
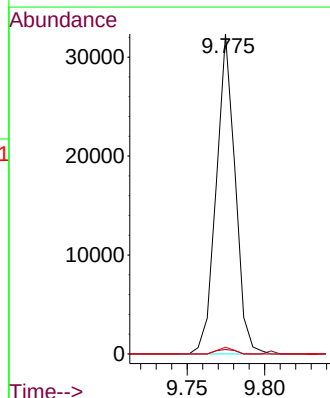
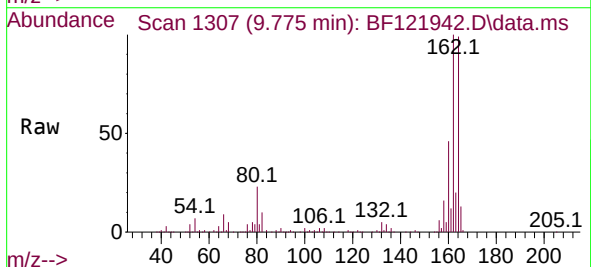
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OH-WC-C-C1

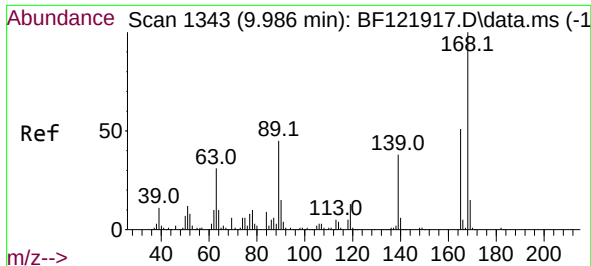
Tgt Ion:172 Resp: 1283932
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

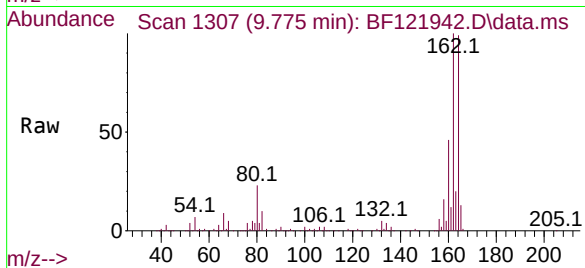
Tgt Ion:165 Resp: 27432
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 2.1 49.0 73.6#



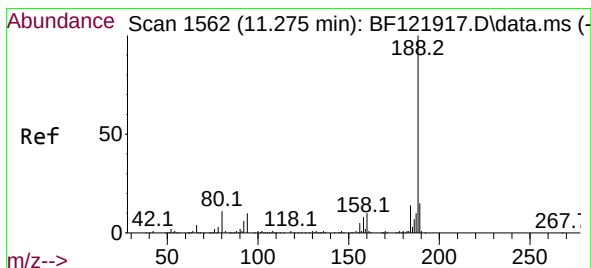
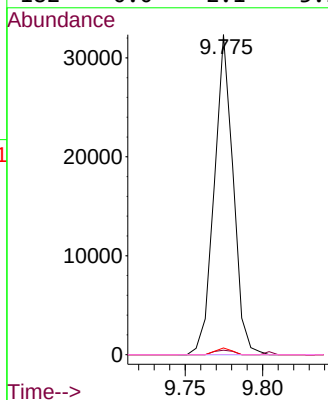
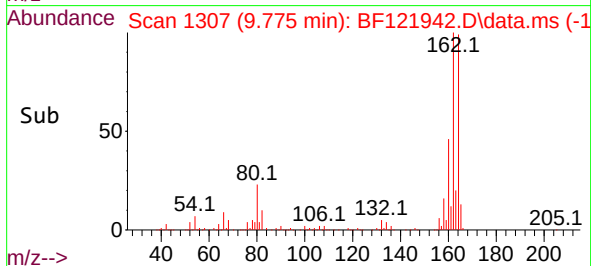


#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

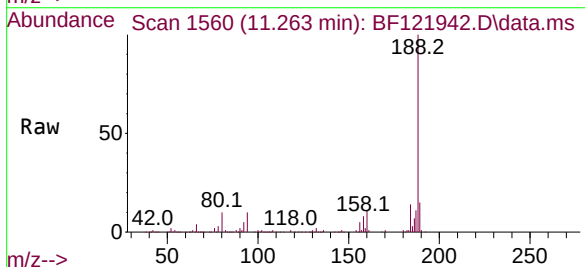
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1



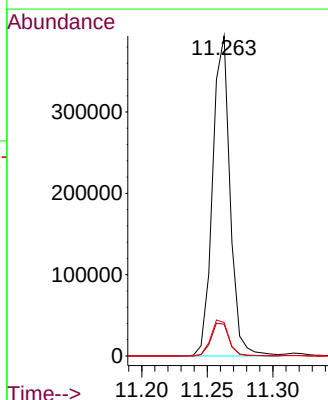
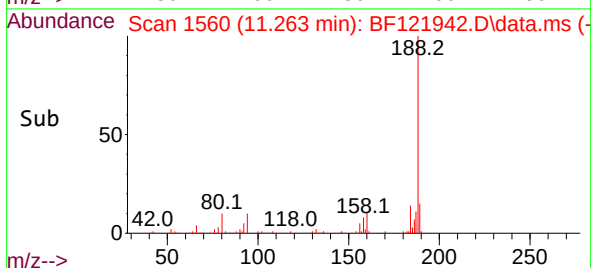
Tgt Ion:165 Resp: 27432
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 2.1 61.8 92.8#
182 0.0 2.1 3.1#

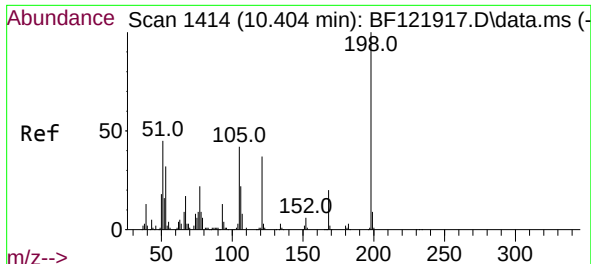


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13



Tgt Ion:188 Resp: 364910
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.5 9.1 13.7

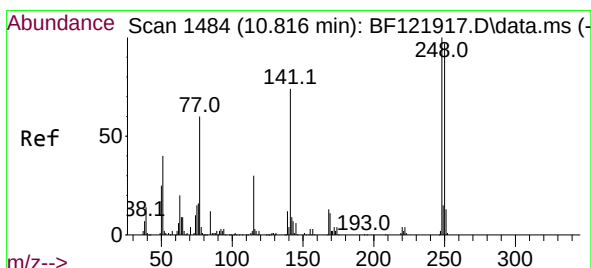
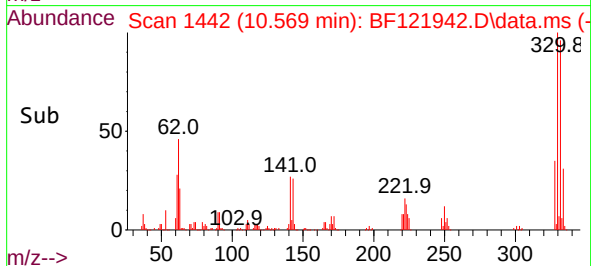
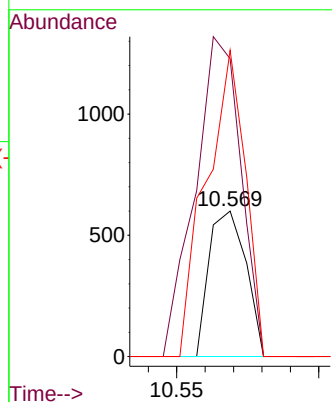
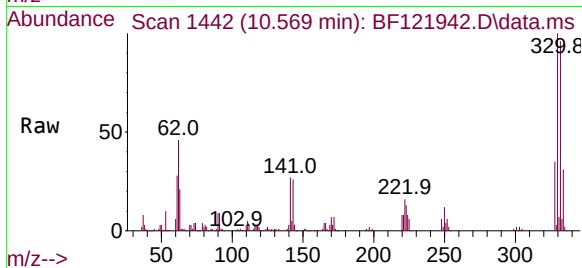




#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

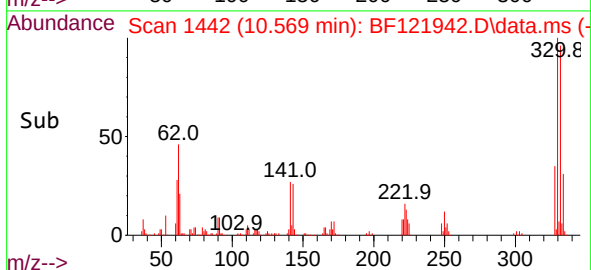
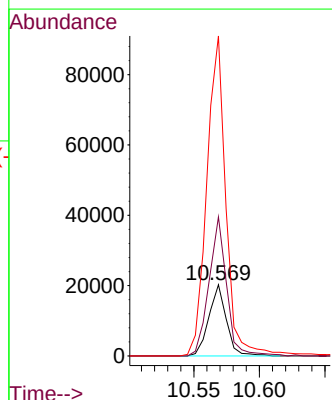
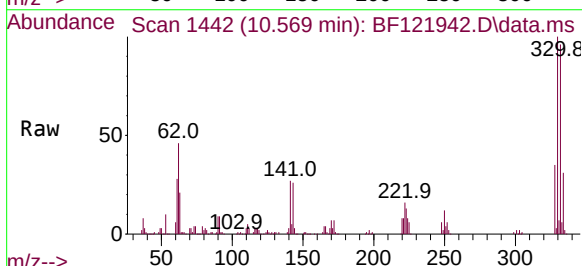
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1

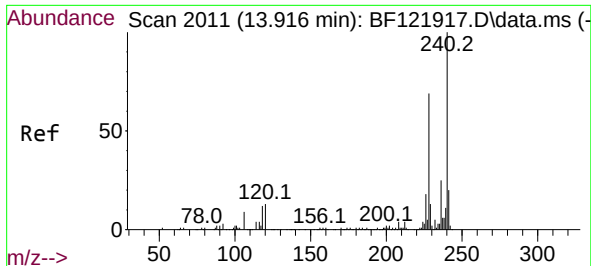
Tgt Ion:198 Resp: 539
Ion Ratio Lower Upper
198 100
51 204.7 29.6 69.6#
105 210.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

Tgt Ion:248 Resp: 18946
Ion Ratio Lower Upper
248 100
250 195.3 77.0 115.6#
141 449.2 53.7 80.5#

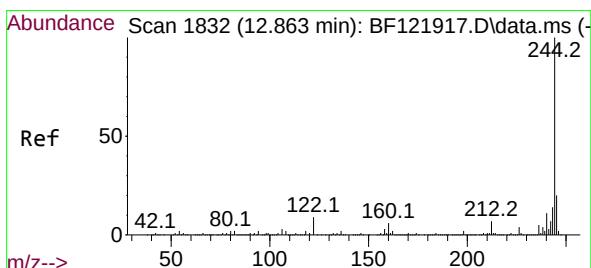
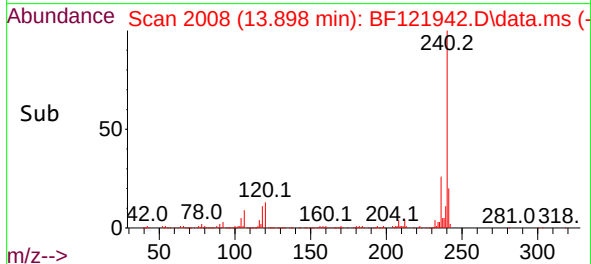
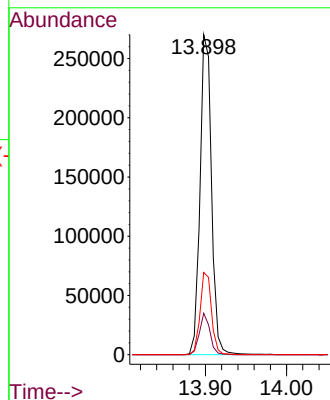
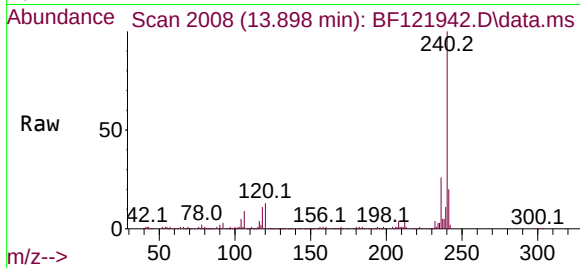




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

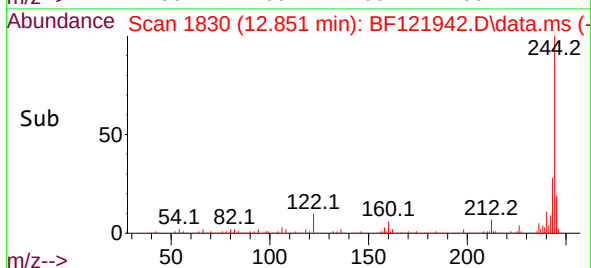
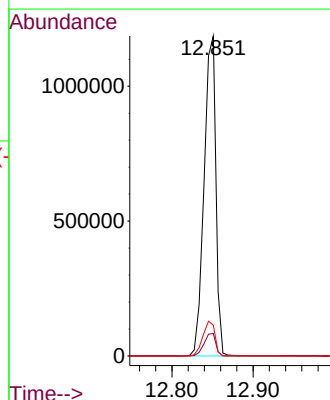
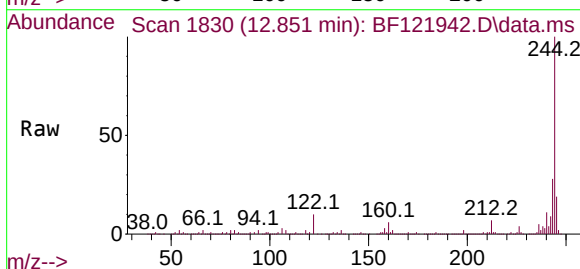
Instrument :
BNA_F
ClientSampleId :
OH-WC-C-C1

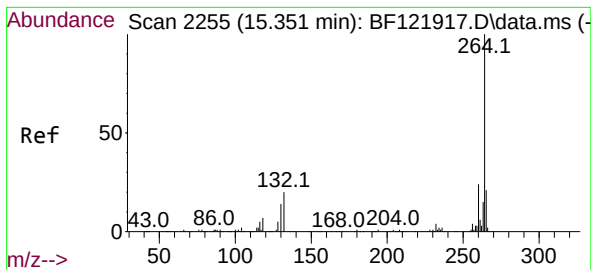
Tgt Ion:240 Resp: 265915
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 85.65 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121942.D
Acq: 13 Oct 2020 17:13

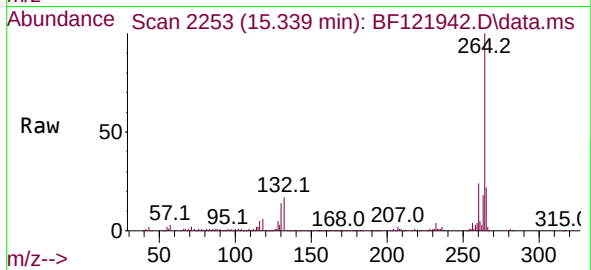
Tgt Ion:244 Resp: 1195099
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF121942.D
 Acq: 13 Oct 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 OH-WC-C-C1



Tgt Ion: 264 Resp: 264999

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.6	17.3	25.9

