

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122152.D
 Acq On : 28 Oct 2020 17:28
 Operator : JU/CG
 Sample : L4528-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24245

Quant Time: Oct 28 18:06:35 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)

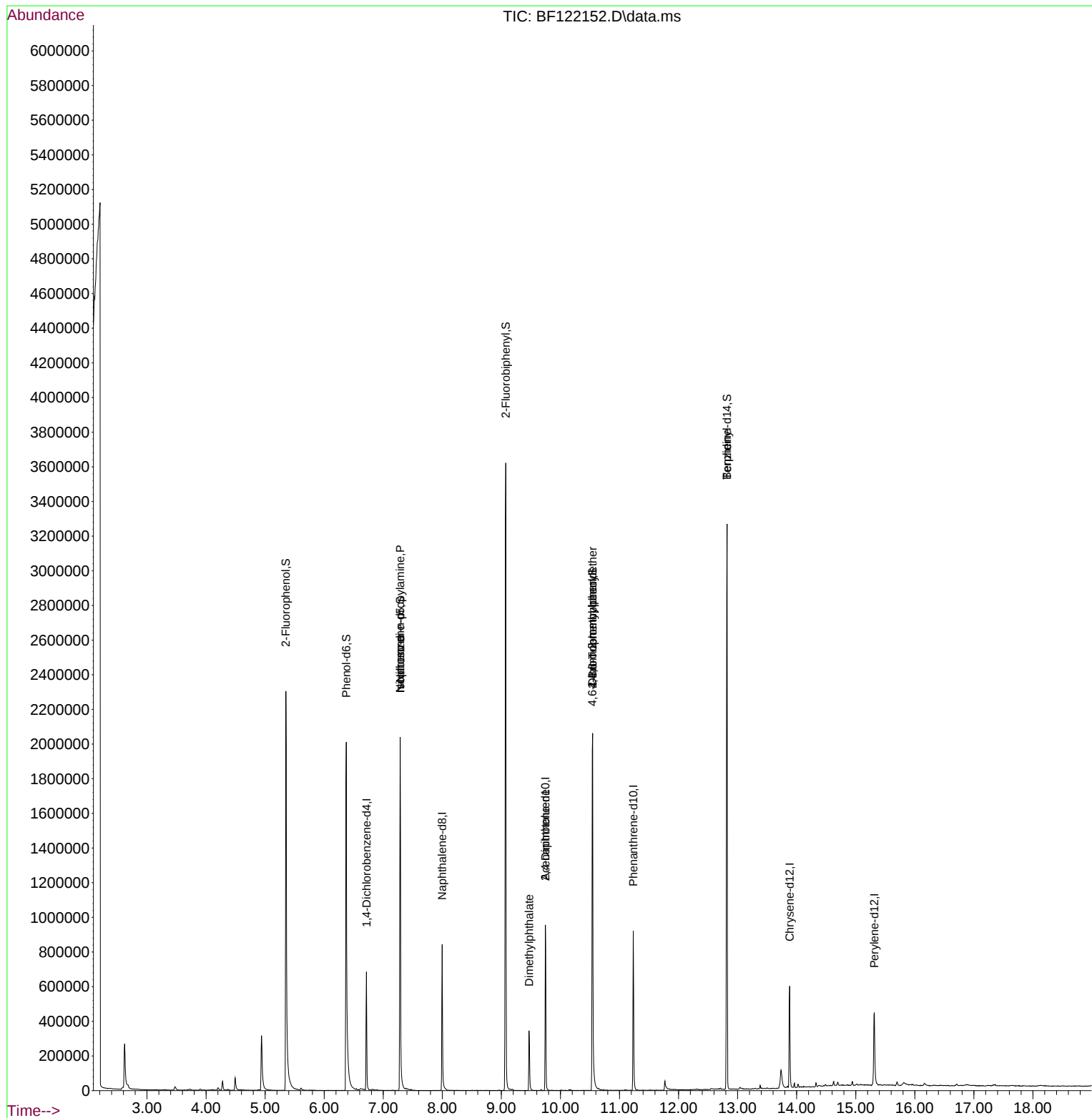
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	96613	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	386356	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	191719	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	341194	20.00	ng	0.00
76) Chrysene-d12	13.880	240	214266	20.00	ng	0.00
86) Perylene-d12	15.315	264	224093	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	784967	119.92	ng	0.02
7) Phenol-d6	6.375	99	875371	103.88	ng	0.00
23) Nitrobenzene-d5	7.286	82	709210	94.14	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	319120	134.56	ng	0.00
45) 2-Fluorobiphenyl	9.074	172	1188205	91.19	ng	0.00
79) Terphenyl-d14	12.821	244	1039729	92.48	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	1168	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	96030	20.02	ng	# 80
25) Isophorone	7.286	82	709202	49.79	ng	# 67
50) Dimethylphthalate	9.469	163	145605	10.39	ng	99
57) 2,4-Dinitrotoluene	9.745	165	24903	6.58	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	440	4.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	18961	4.81	ng	# 1
77) Benzidine	12.821	184	14330	2.17	ng	# 89

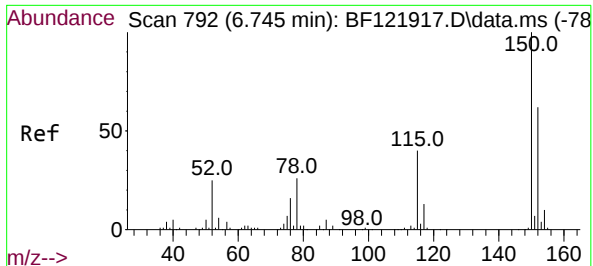
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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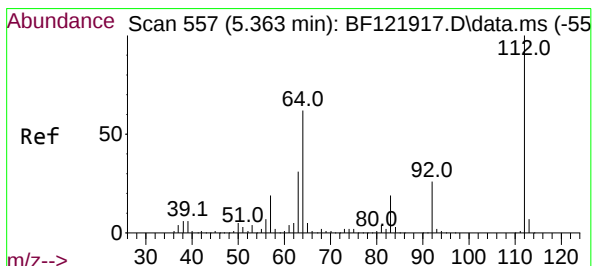
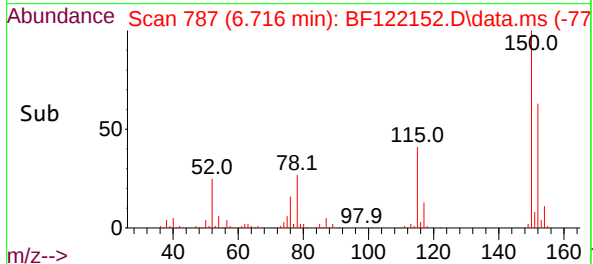
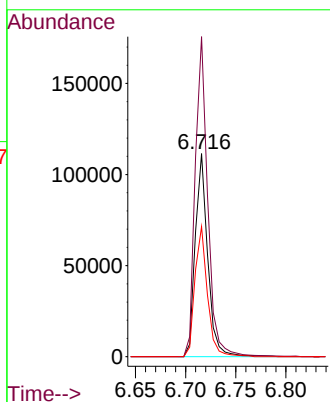
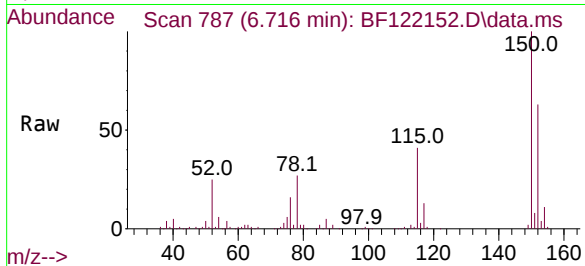




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

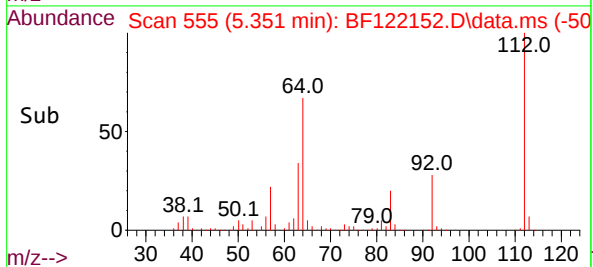
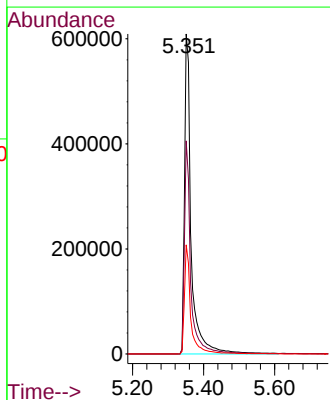
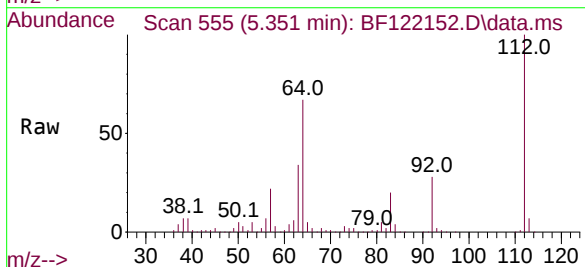
Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tgt Ion:152 Resp: 96613
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 64.0 51.9 77.9



#5
2-Fluorophenol
Concen: 119.92 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.017 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

Tgt Ion:112 Resp: 784967
Ion Ratio Lower Upper
112 100
64 66.6 50.4 75.6
63 34.1 25.8 38.6

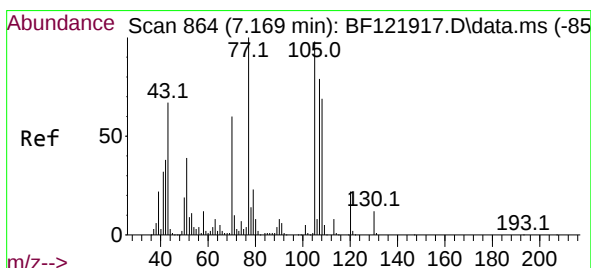
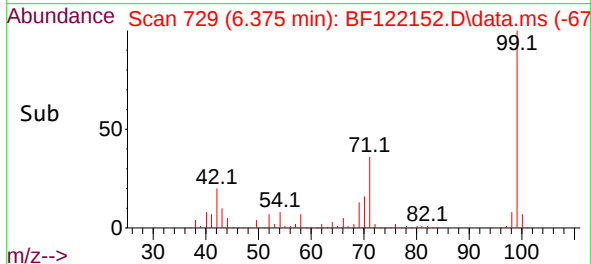
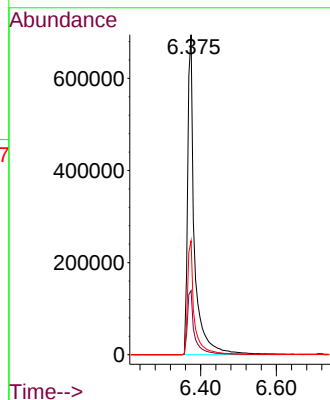
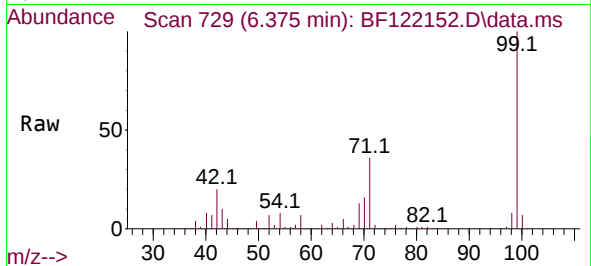




#7
Phenol-d6
Concen: 103.88 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

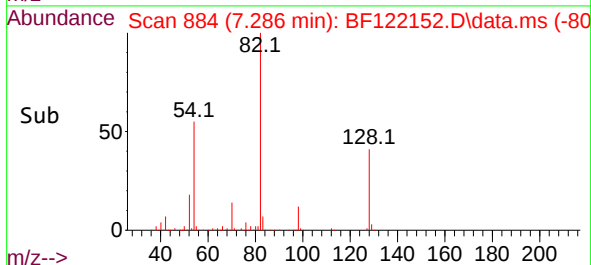
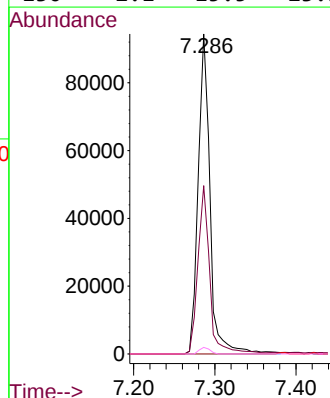
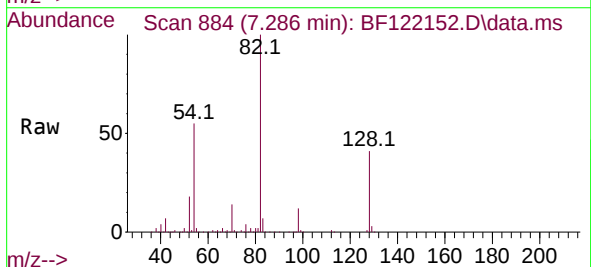
Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tgt Ion: 99 Resp: 875371
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.02 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

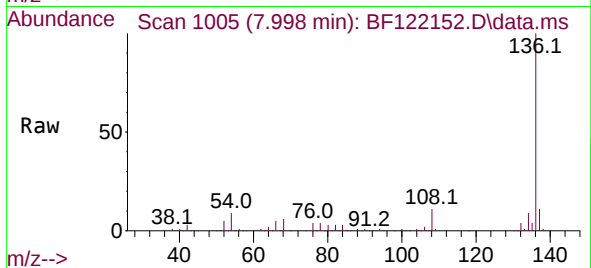
Tgt Ion: 70 Resp: 96030
Ion Ratio Lower Upper
70 100
42 52.6 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



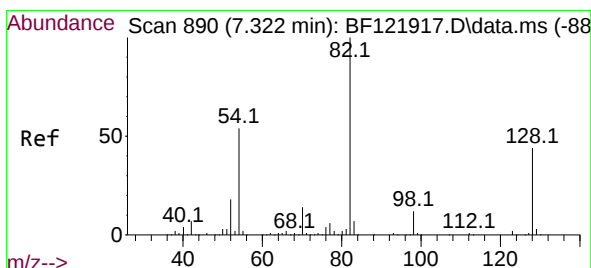
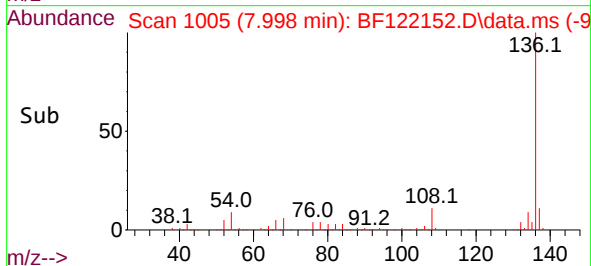
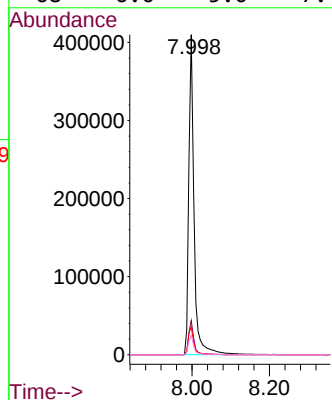


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

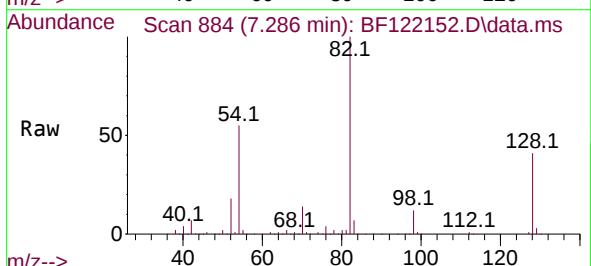
Instrument :
BNA_F
ClientSampleId :
CHRT-24245



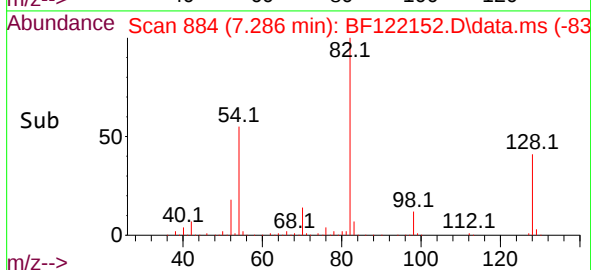
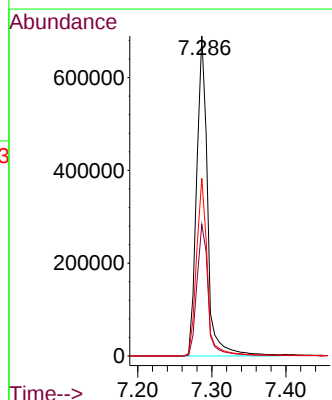
Tgt Ion:136 Resp: 386356
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.1 10.7
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 94.14 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28



Tgt Ion: 82 Resp: 709210
Ion Ratio Lower Upper
82 100
128 41.1 35.0 52.4
54 55.5 43.9 65.9

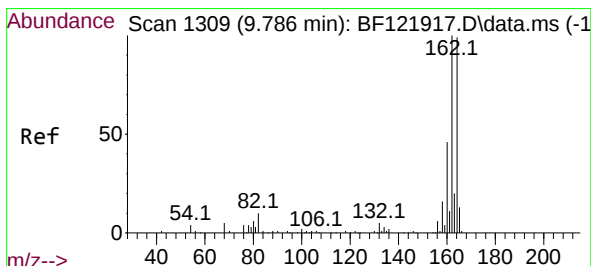
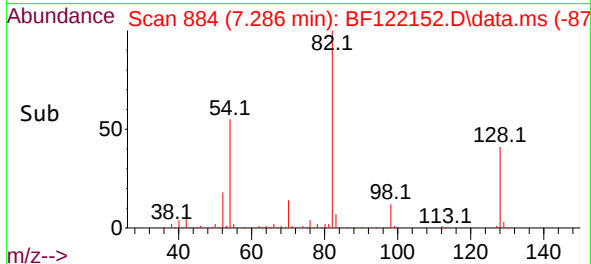
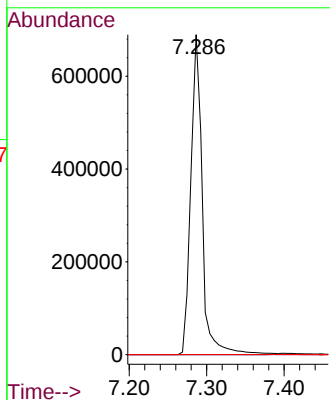
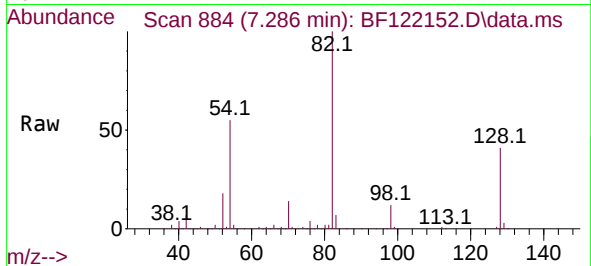




#25
Isophorone
Concen: 49.79 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

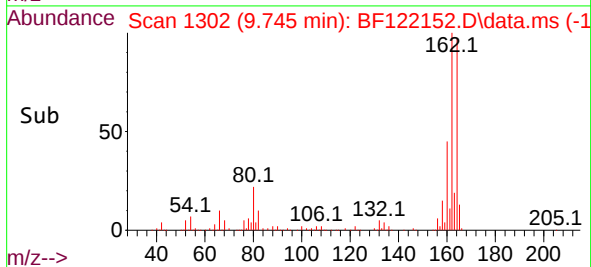
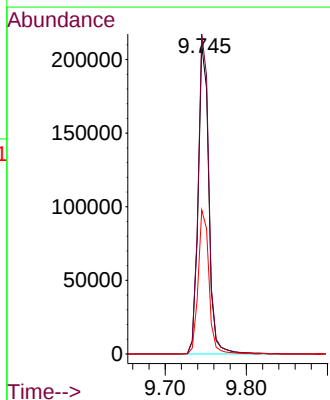
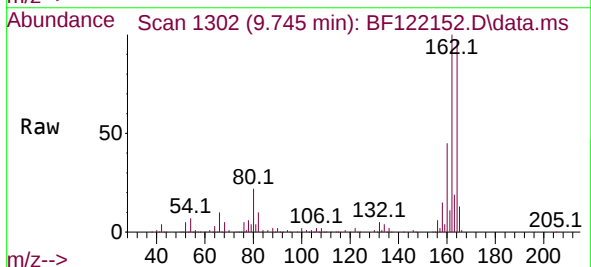
Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tgt Ion: 82 Resp: 709202
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: BF122152.D
Acq: 28 Oct 2020 17:28

Tgt Ion:164 Resp: 191719
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.6 37.5 56.3

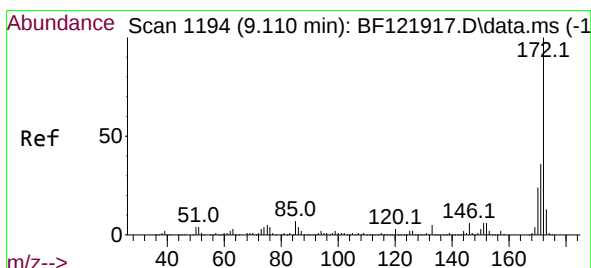
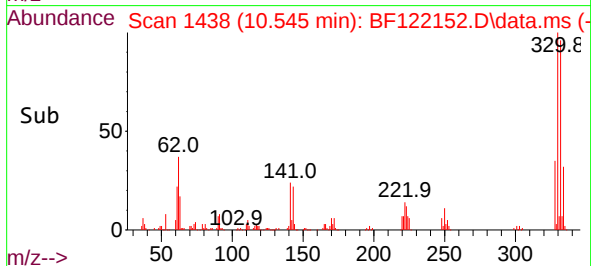
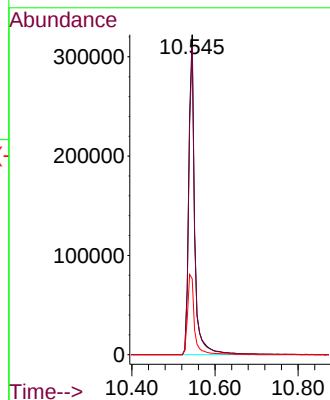
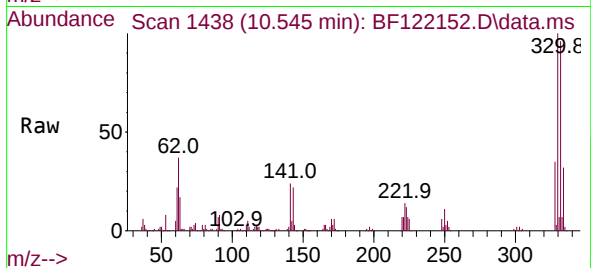




#42
2,4,6-Tribromophenol
Concen: 134.56 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

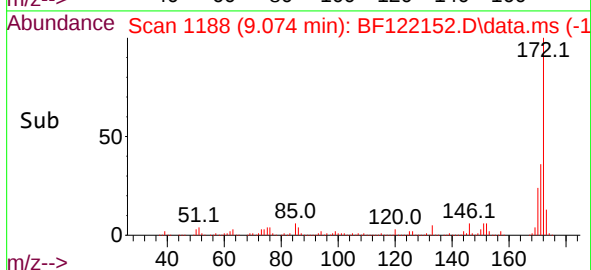
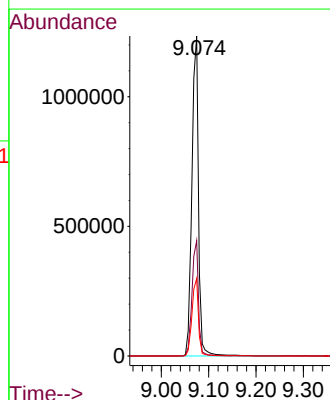
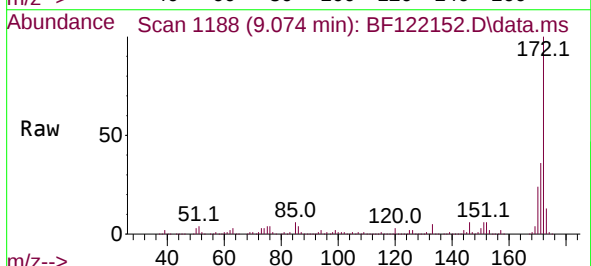
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ClientSampleId :
CHRT-24245

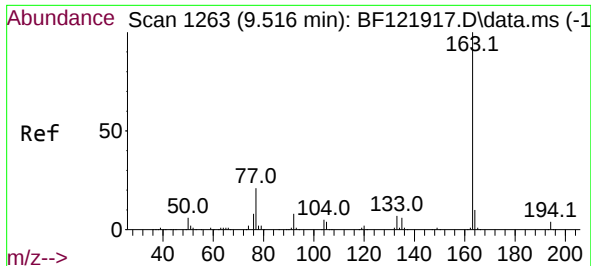
Tgt Ion:330 Resp: 319120
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 91.19 ng
RT: 9.074 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

Tgt Ion:172 Resp: 1188205
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.2 19.8 29.6

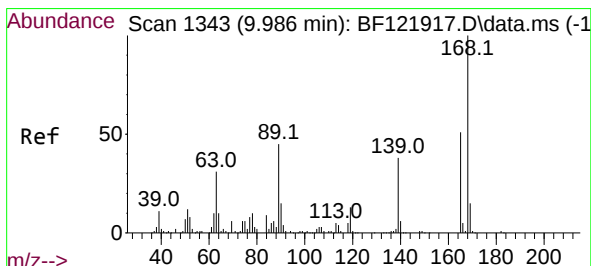
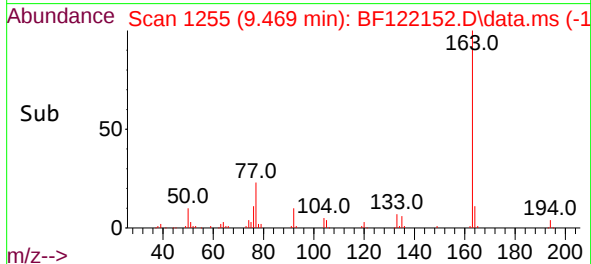
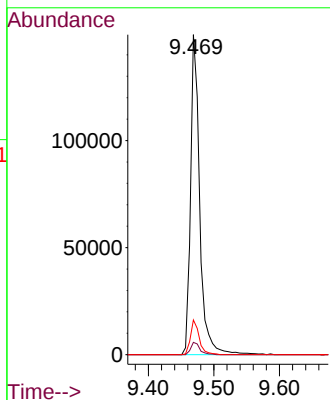
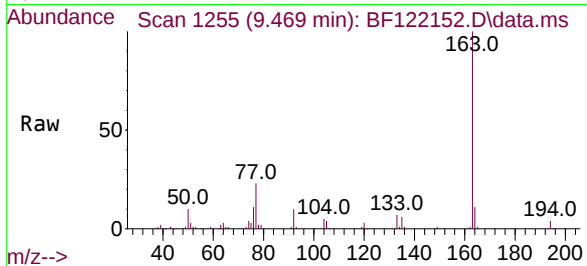




#50
Dimethylphthalate
Concen: 10.39 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

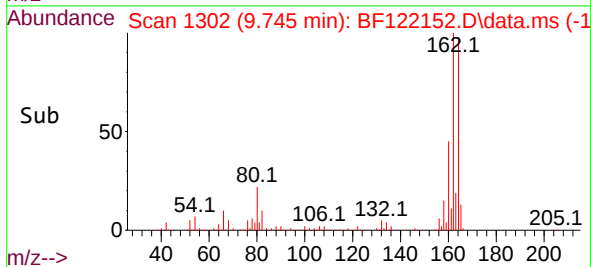
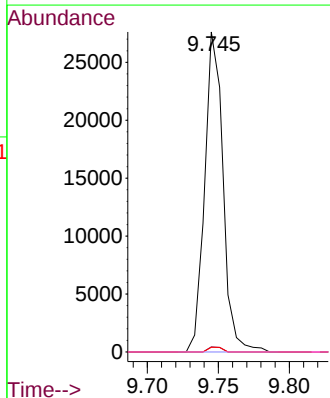
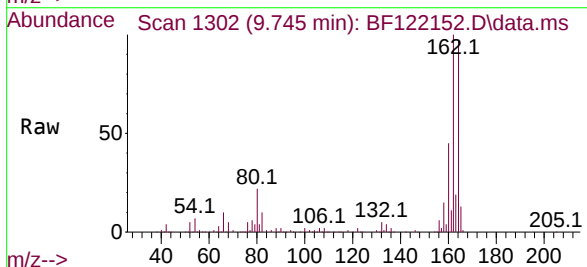
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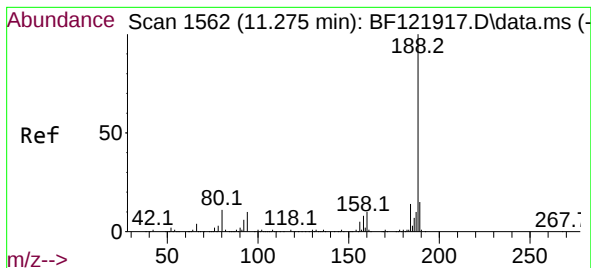
Tgt Ion:163 Resp: 145605
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.9 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

Tgt Ion:165 Resp: 24903
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

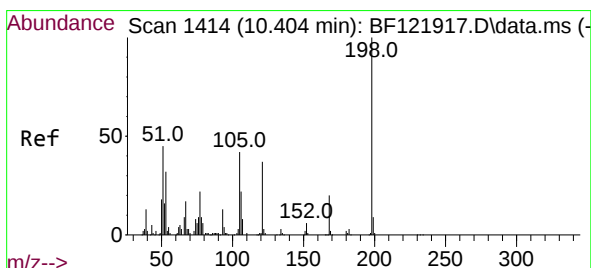
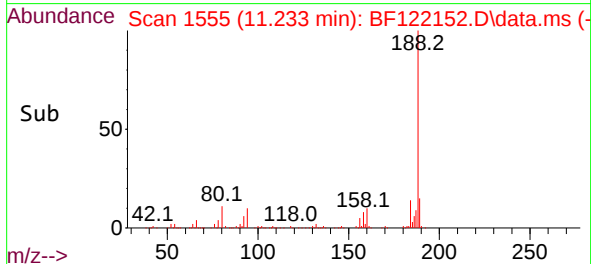
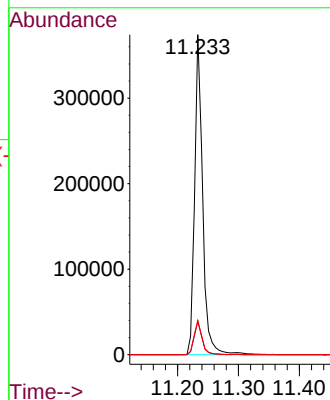
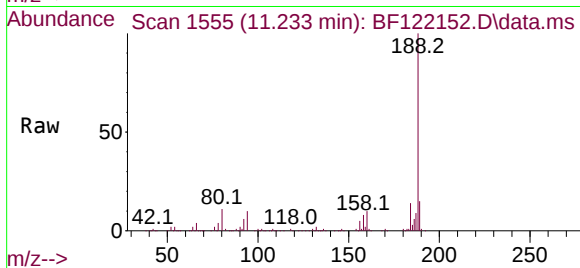




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

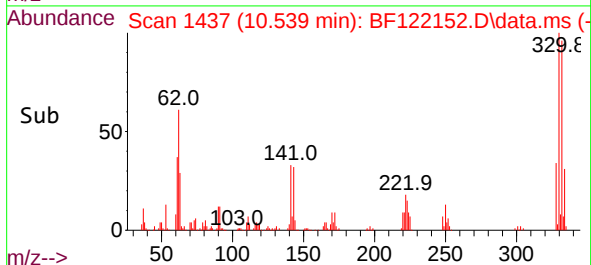
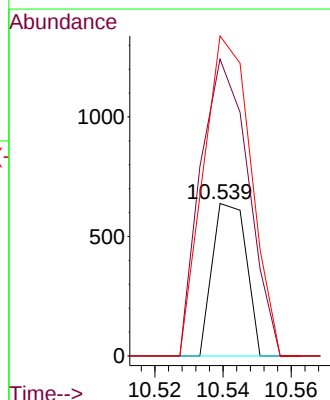
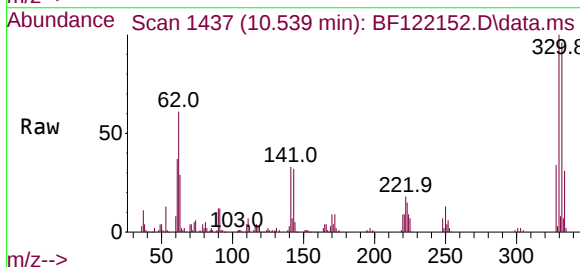
Instrument :
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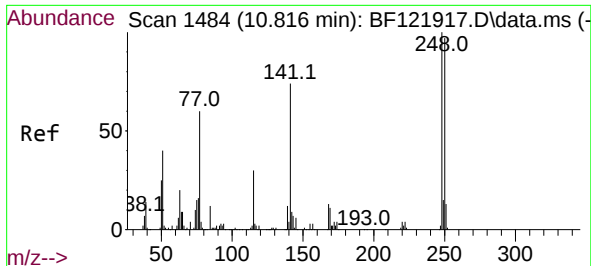
Tgt Ion:188 Resp: 341194
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.7 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.164 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

Tgt Ion:198 Resp: 440
Ion Ratio Lower Upper
198 100
51 194.7 29.6 69.6#
105 209.9 24.4 64.4#

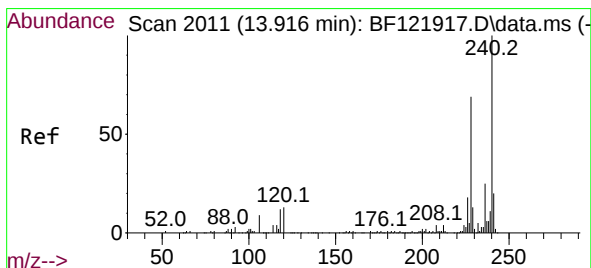
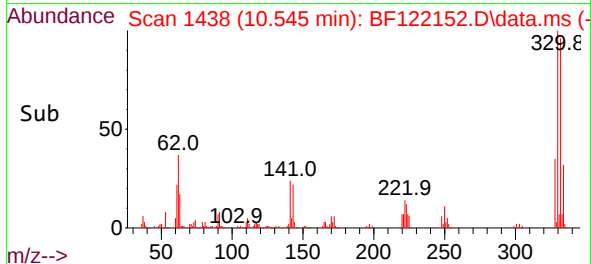
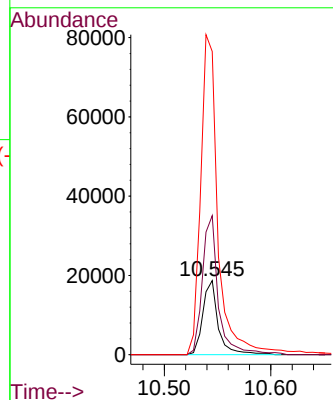
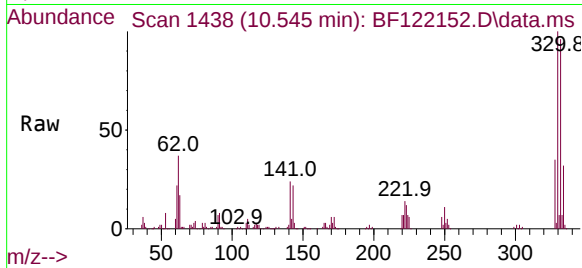




#67
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

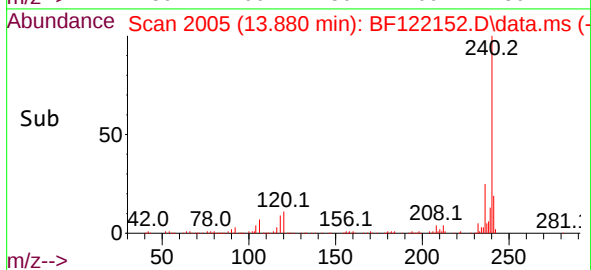
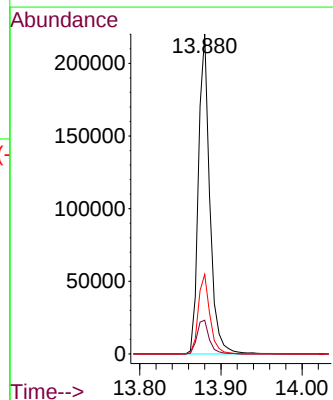
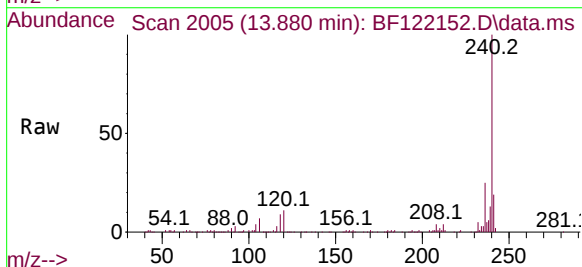
Instrument :
BNA_F
ClientSampleId :
CHRT-24245

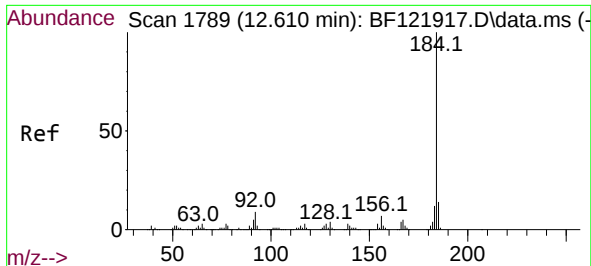
Tgt Ion:248 Resp: 18961
Ion Ratio Lower Upper
248 100
250 187.7 77.0 115.6#
141 408.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

Tgt Ion:240 Resp: 214266
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 24.8 20.9 31.3

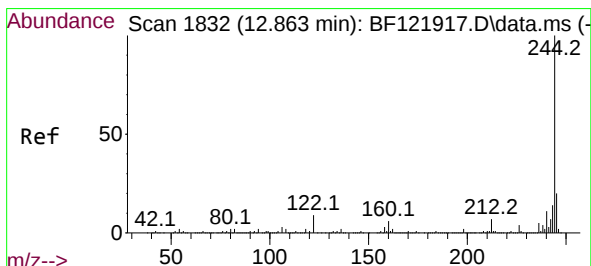
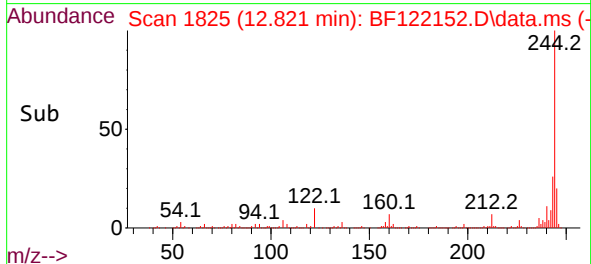
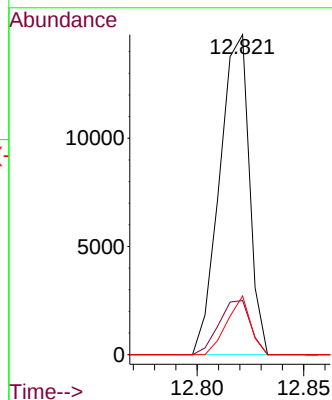
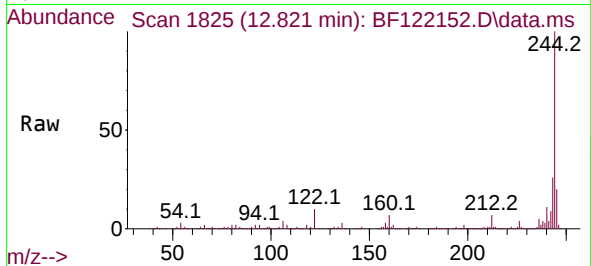




#77
Benzidine
Concen: 2.17 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

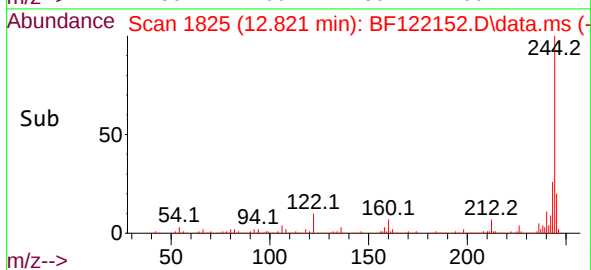
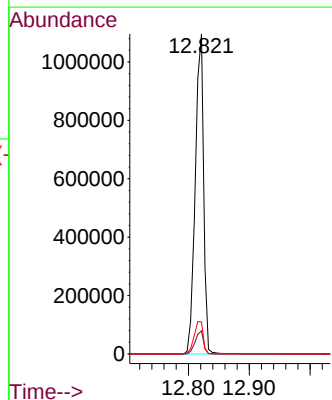
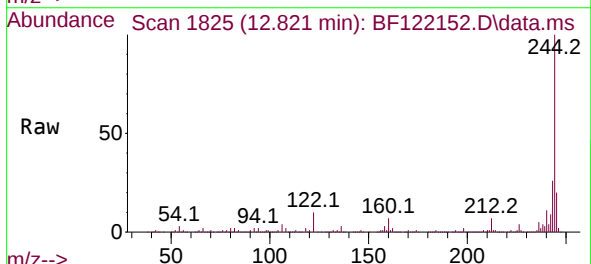
Instrument :
BNA_F
ClientSampleId :
CHRT-24245

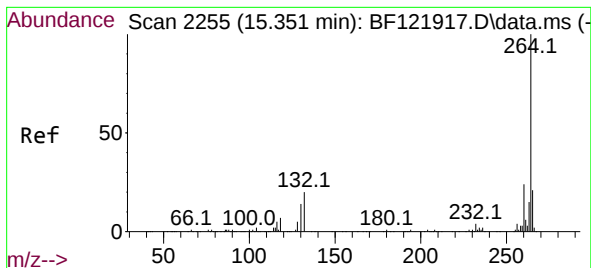
Tgt Ion:184 Resp: 14330
Ion Ratio Lower Upper
184 100
185 16.9 11.6 17.4
183 18.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.48 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122152.D
Acq: 28 Oct 2020 17:28

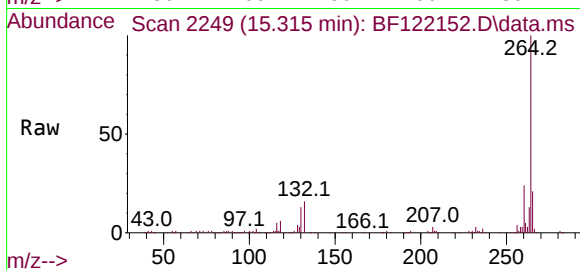
Tgt Ion:244 Resp: 1039729
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.0 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122152.D
 Acq: 28 Oct 2020 17:28

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24245



Tgt Ion:264 Resp: 224093

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	17.3	25.9

