

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122157.D
 Acq On : 28 Oct 2020 20:05
 Operator : JU/CG
 Sample : L4528-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27339

Quant Time: Oct 29 00:32:26 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)

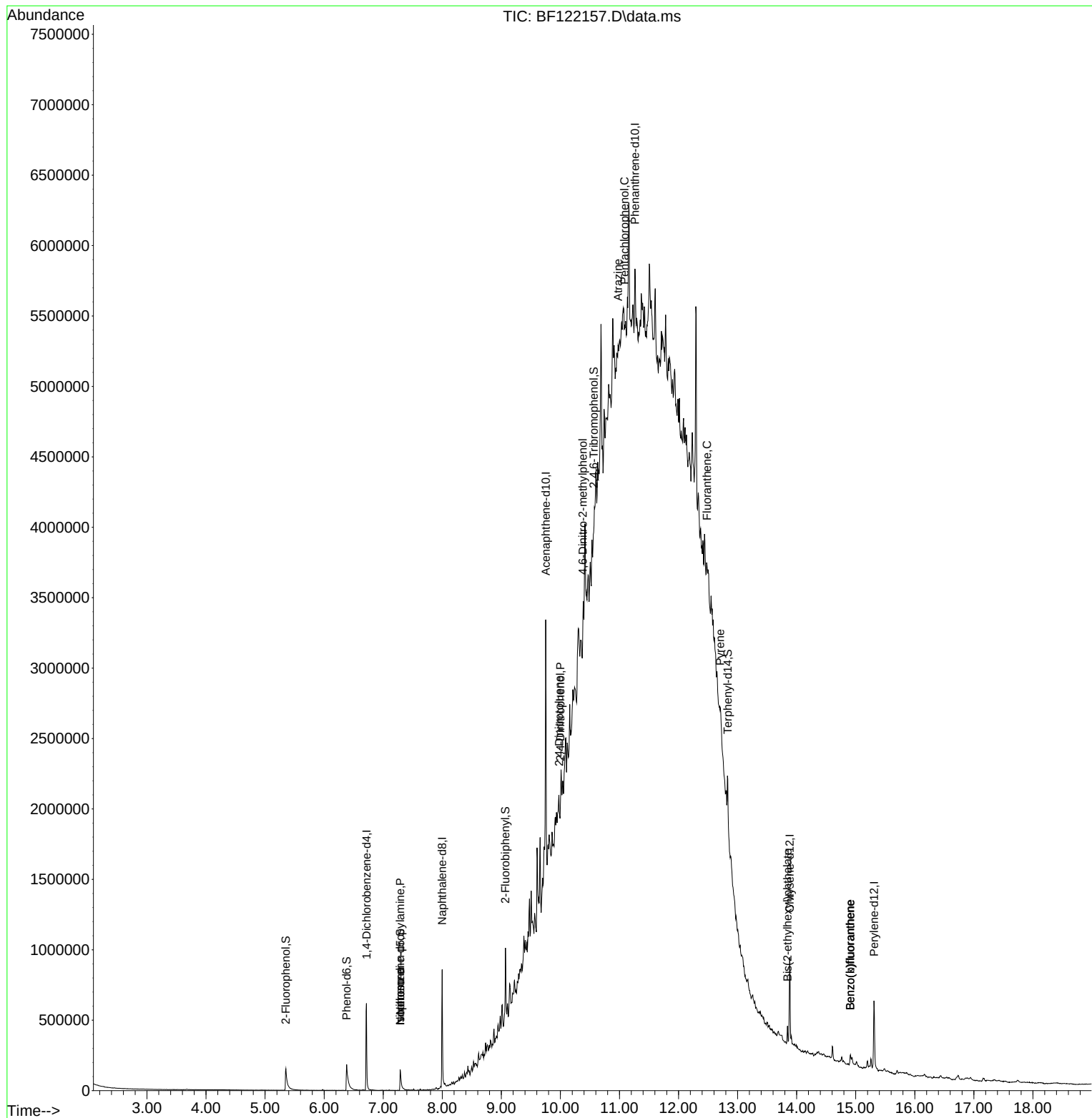
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	100643	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	389157	20.00	ng	0.00
39) Acenaphthene-d10	9.751	164	152666	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	192233	20.00	ng	# 0.03
76) Chrysene-d12	13.880	240	206034	20.00	ng	0.00
86) Perylene-d12	15.310	264	233236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	103736	15.21	ng	0.02
7) Phenol-d6	6.381	99	137322	15.64	ng	0.01
23) Nitrobenzene-d5	7.287	82	81653	10.76	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	18923	10.02	ng	0.02
45) 2-Fluorobiphenyl	9.069	172	156586	15.09	ng	0.00
79) Terphenyl-d14	12.833	244	102960	9.52	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.287	70	10574	2.12	ng	# 81
25) Isophorone	7.287	82	81653	5.69	ng	# 67
54) 2,4-Dinitrophenol	9.998	184	277	8.88	ng	# 1
57) 2,4-Dinitrotoluene	9.981	165	9998	3.32	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.381	198	108	4.51	ng	# 1
69) Atrazine	10.975	200	13627	8.42	ng	# 15
70) Pentachlorophenol	11.086	266	4978	12.48	ng	# 1
75) Fluoranthene	12.480	202	33150	2.93	ng	76
78) Pyrene	12.704	202	35230	2.24	ng	# 86
84) Bis(2-ethylhexyl)phtha...	13.845	149	32490	3.84	ng	98
88) Benzo(b)fluoranthene	14.910	252	50750	3.22	ng	# 94
89) Benzo(k)fluoranthene	14.910	252	50750	3.39	ng	# 94

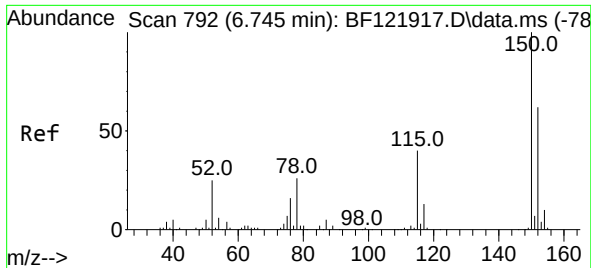
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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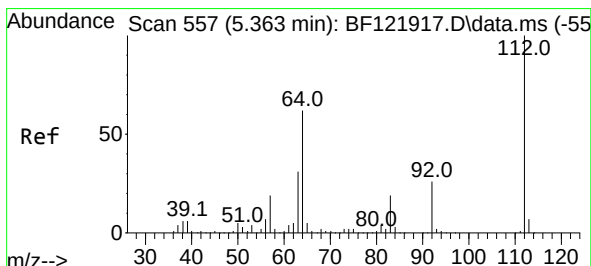
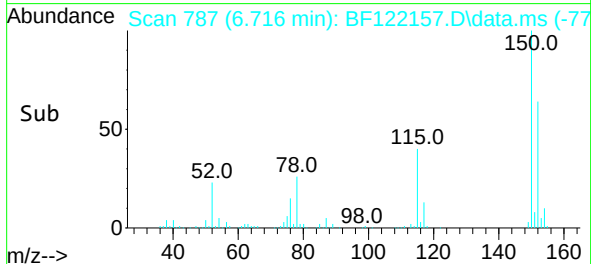
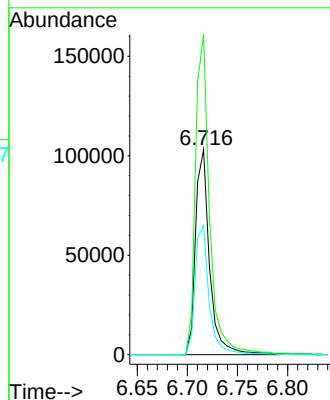
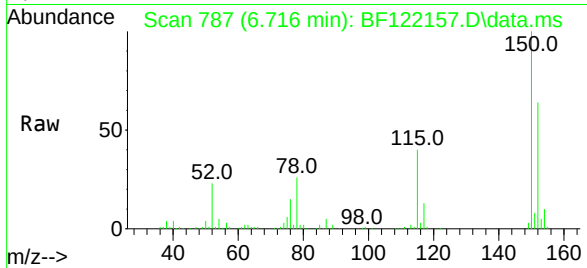




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.716 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: BF122157.D
 Acq: 28 Oct 2020 20:05

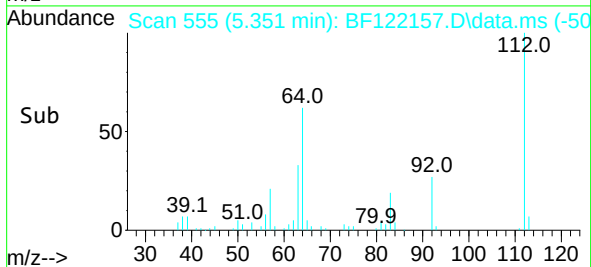
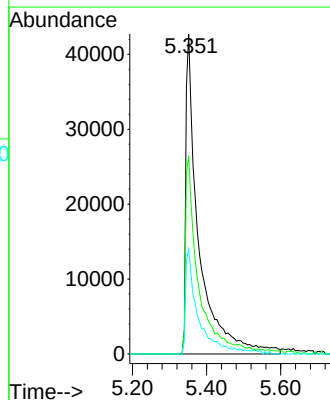
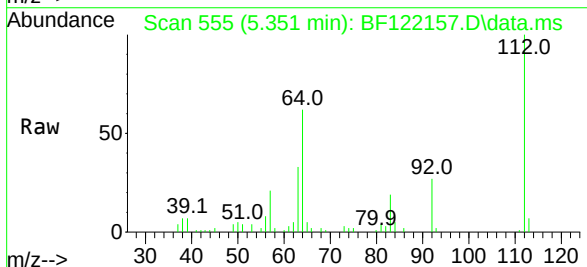
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27339

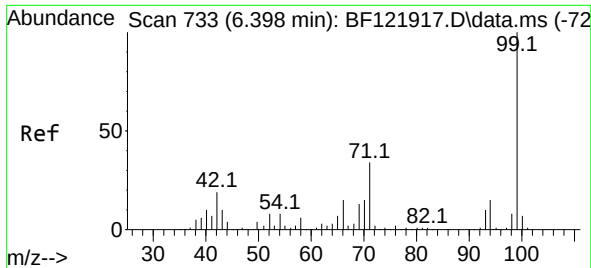
Tgt Ion:152 Resp: 100643
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.3 187.9
 115 63.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 15.21 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF122157.D
 Acq: 28 Oct 2020 20:05

Tgt Ion:112 Resp: 103736
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.4 75.6
 63 32.8 25.8 38.6

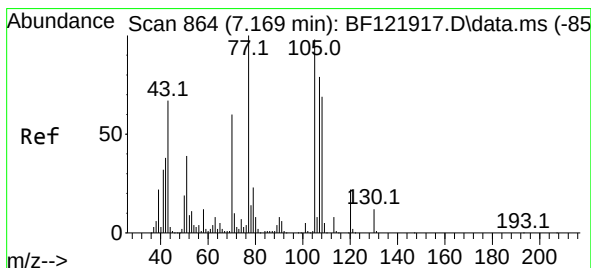
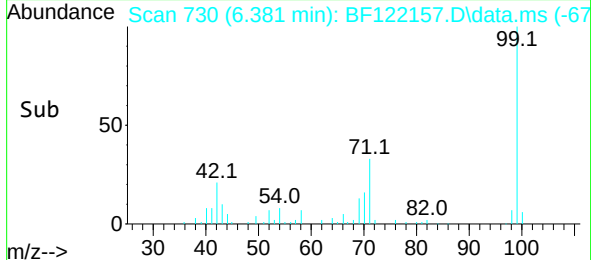
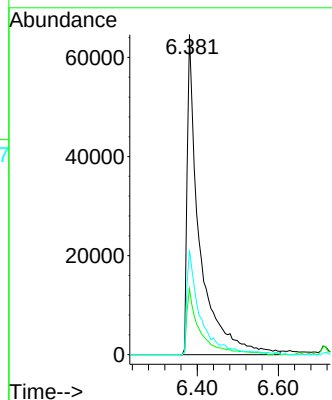
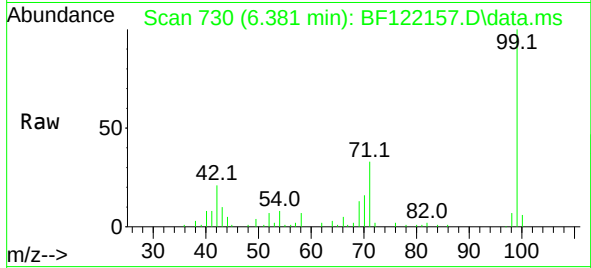




#7
Phenol-d6
Concen: 15.64 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

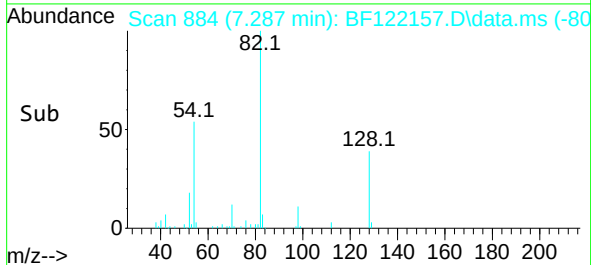
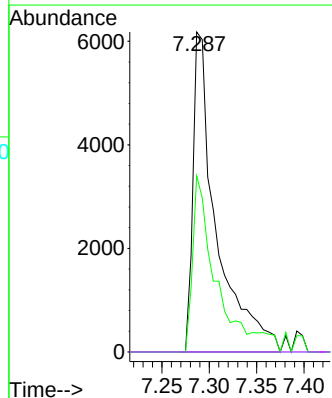
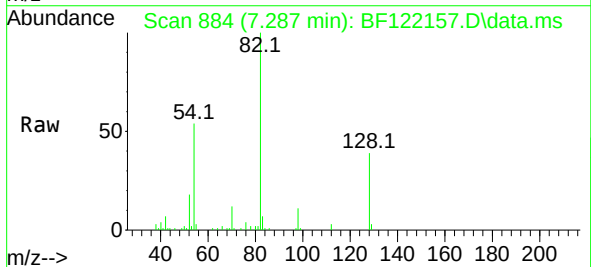
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

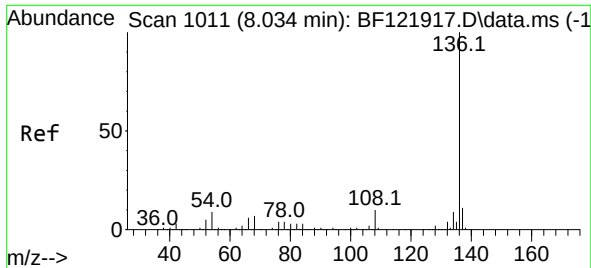
Tgt Ion: 99 Resp: 137322
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 32.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.12 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion: 70 Resp: 10574
Ion Ratio Lower Upper
70 100
42 55.0 50.2 75.4
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#



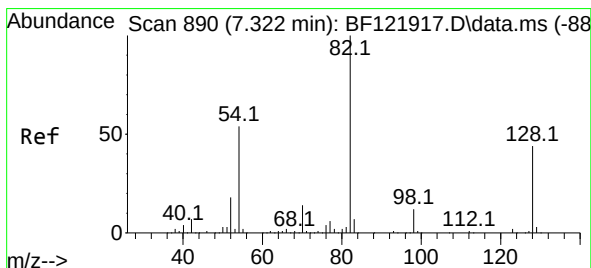
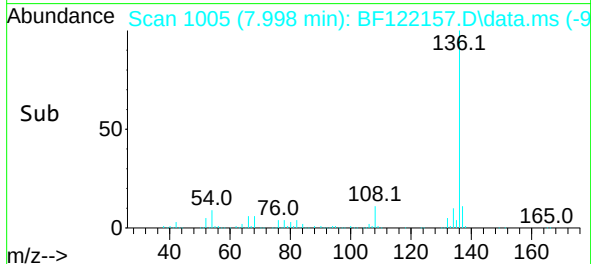
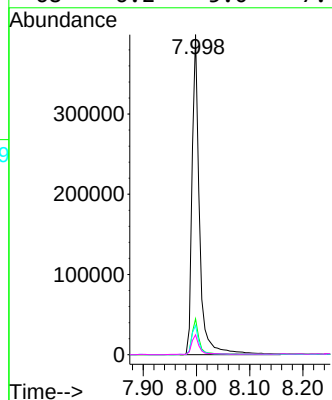
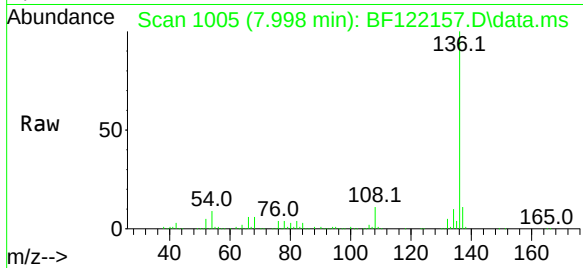


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

Tgt Ion:136 Resp: 389157

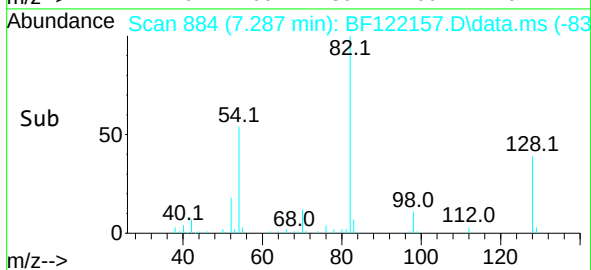
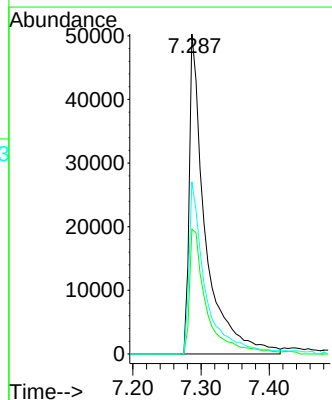
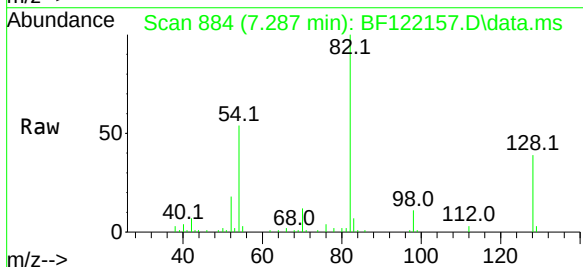
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.2	7.1	10.7
68	6.2	5.0	7.4

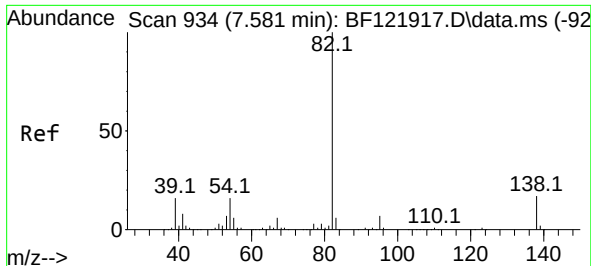


#23
Nitrobenzene-d5
Concen: 10.76 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion: 82 Resp: 81653

Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.0	52.4
54	53.8	43.9	65.9

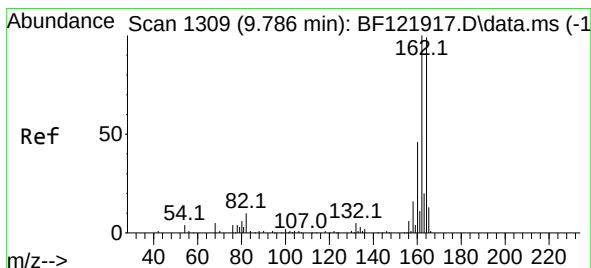
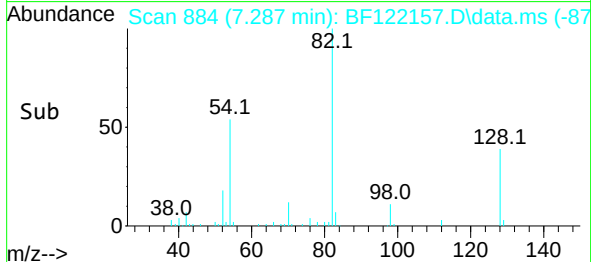
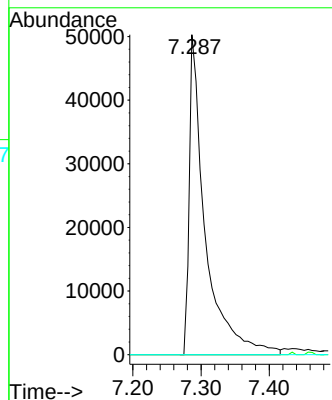
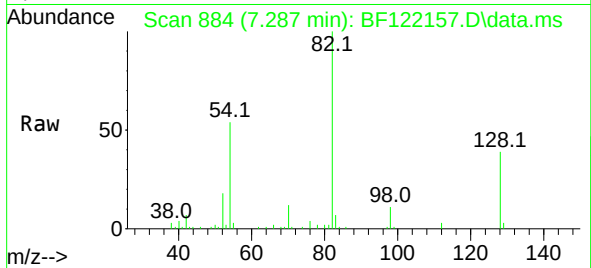




#25
Isophorone
Concen: 5.69 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

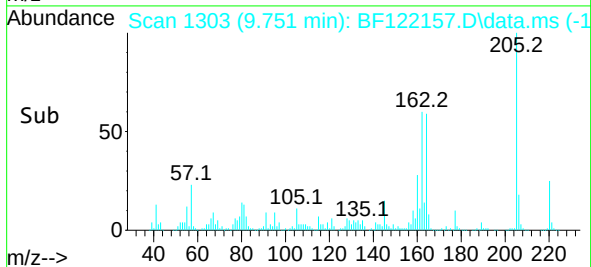
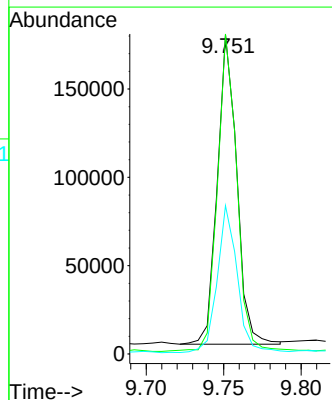
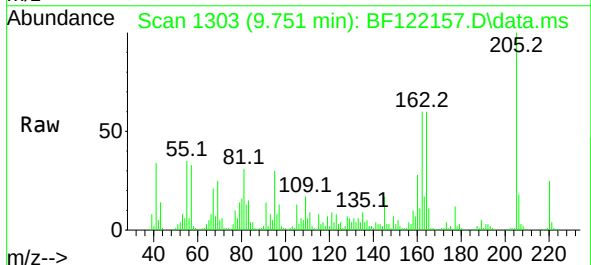
Instrument :
BNA_F
ClientSampleId :
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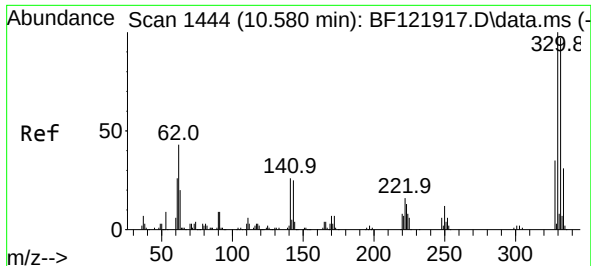
Tgt Ion: 82 Resp: 81653
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion: 164 Resp: 152666
Ion Ratio Lower Upper
164 100
162 100.1 83.2 124.8
160 46.4 37.5 56.3

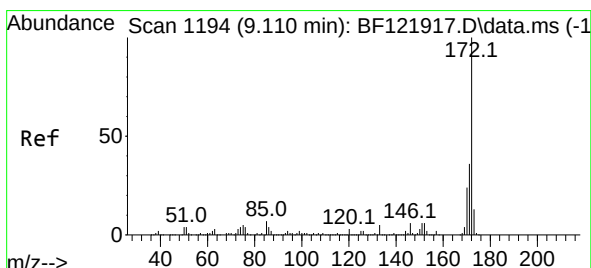
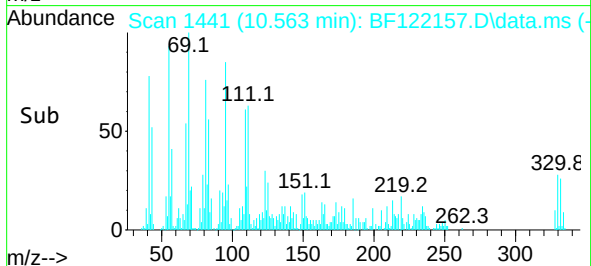
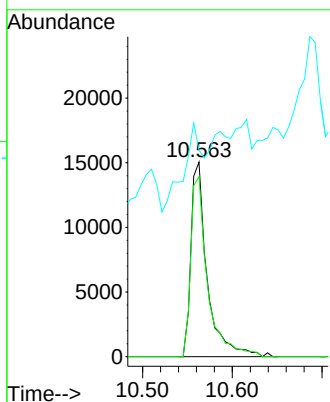
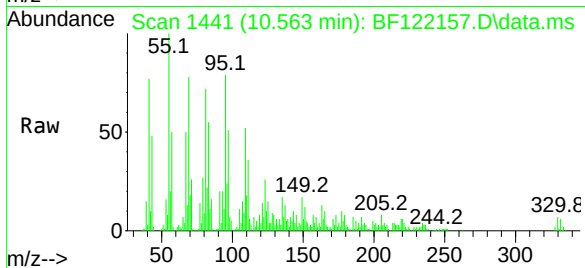




#42
2,4,6-Tribromophenol
Concen: 10.02 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.018 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

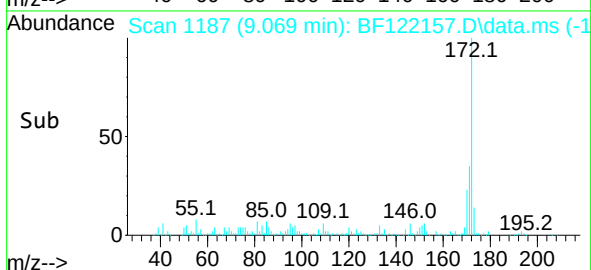
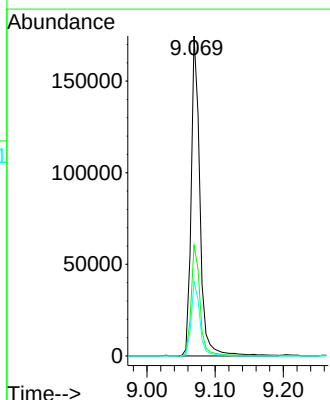
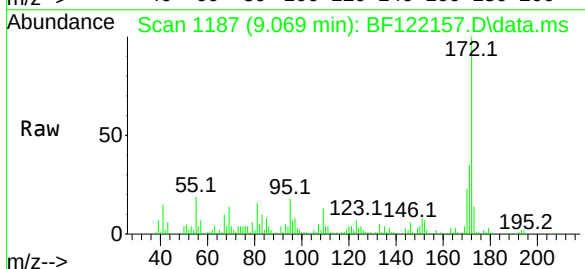
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ClientSampleId :
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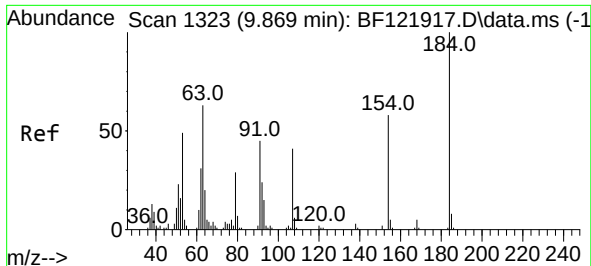
Tgt Ion:330 Resp: 18923
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 52.3 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 15.09 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:172 Resp: 156586
Ion Ratio Lower Upper
172 100
171 34.5 29.1 43.7
170 23.1 19.8 29.6

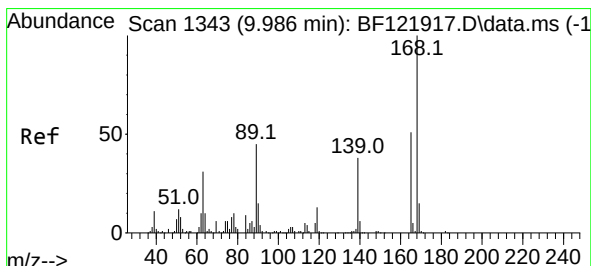
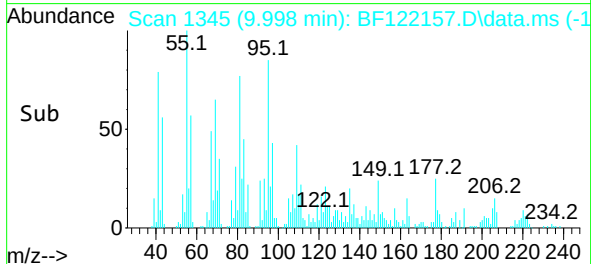
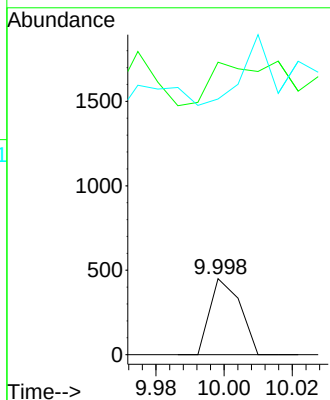
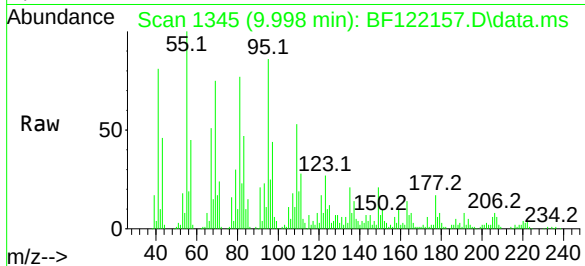




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.153 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

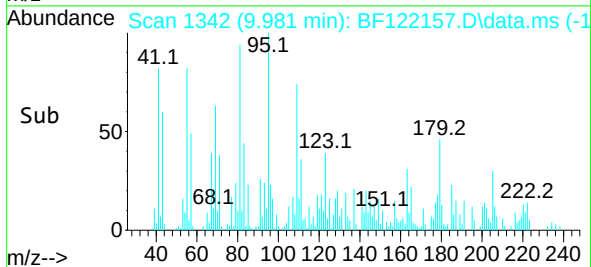
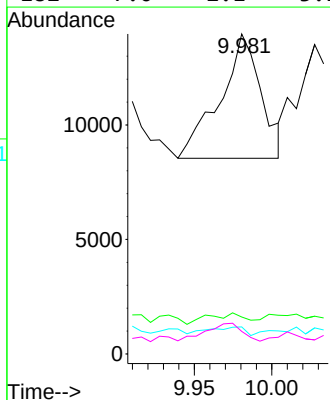
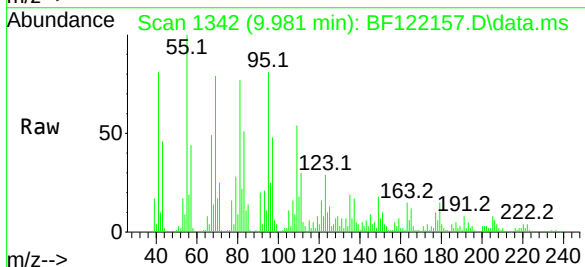
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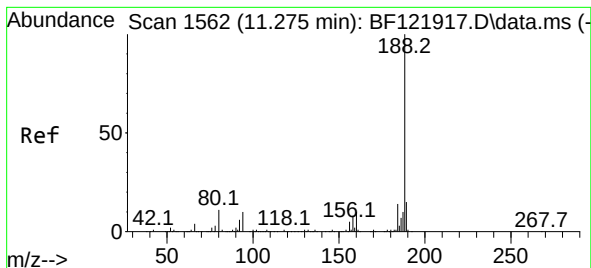
Tgt Ion:184 Resp: 277
Ion Ratio Lower Upper
184 100
63 384.9 45.9 68.9#
154 336.4 45.8 68.6#



#57
2,4-Dinitrotoluene
Concen: 3.32 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.018 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:165 Resp: 9998
Ion Ratio Lower Upper
165 100
63 11.6 41.3 61.9#
89 8.5 61.8 92.8#
182 7.0 2.1 3.1#

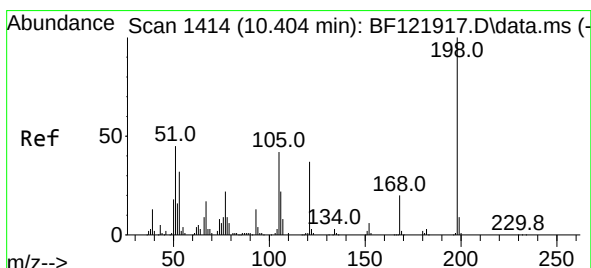
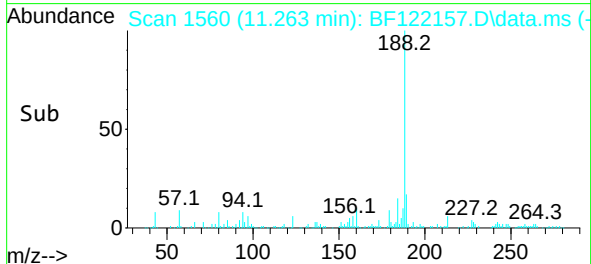
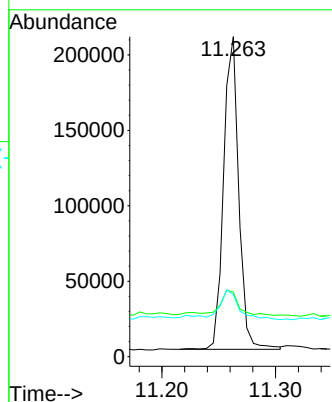
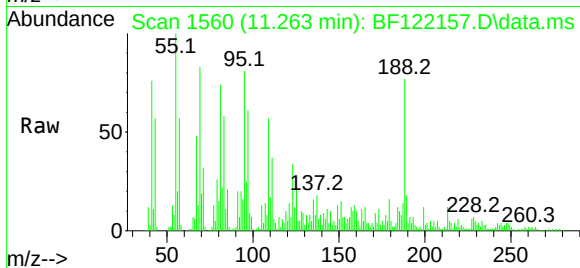




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.029 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

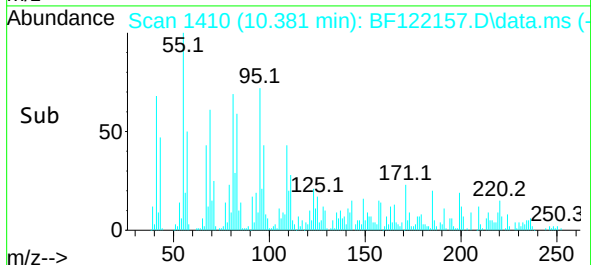
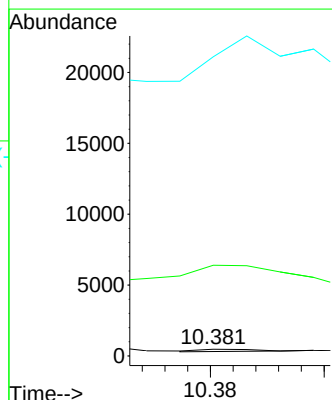
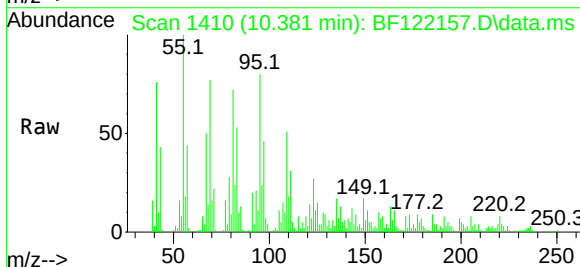
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

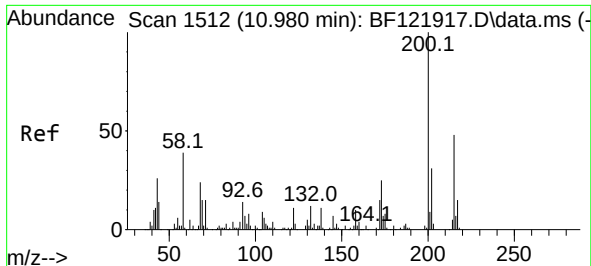
Tgt Ion:188 Resp: 192233
Ion Ratio Lower Upper
188 100
94 20.2 8.3 12.5#
80 19.4 9.1 13.7#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.51 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 1341.7 29.6 69.6#
105 4426.0 24.4 64.4#

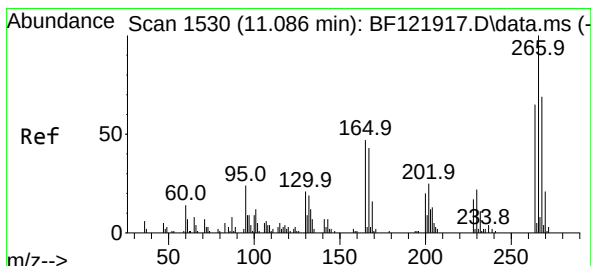
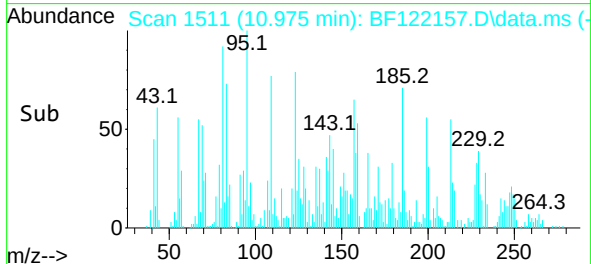
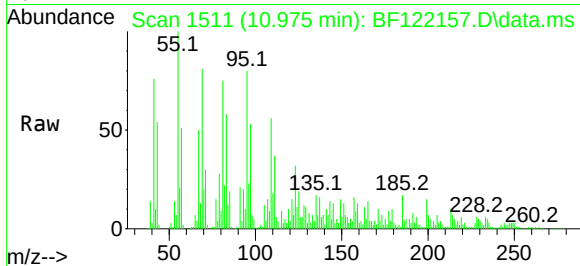




#69
Atrazine
Concen: 8.42 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.035 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

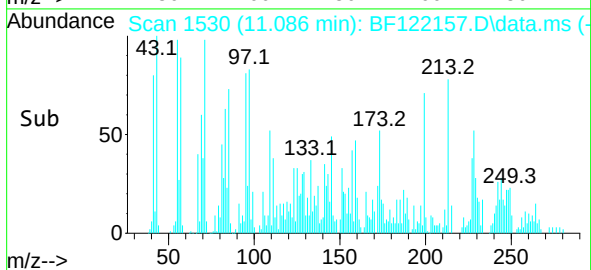
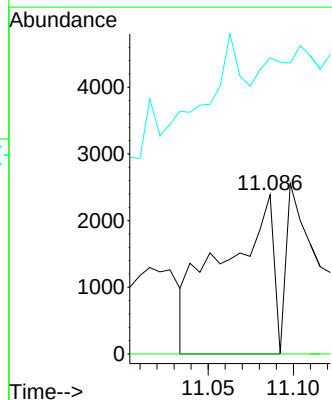
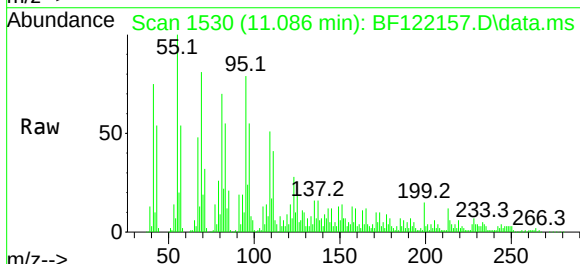
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

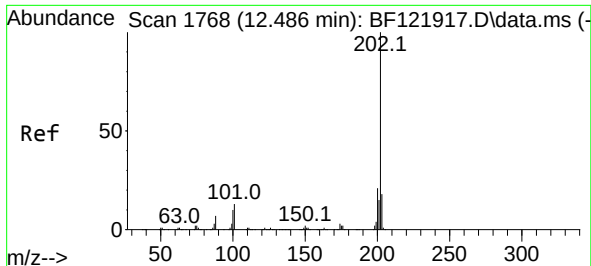
Tgt Ion:200 Resp: 13627
Ion Ratio Lower Upper
200 100
173 107.8 7.5 47.5#
215 77.2 27.1 67.1#



#70
Pentachlorophenol
Concen: 12.48 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.029 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:266 Resp: 4978
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 186.1 49.9 74.9#

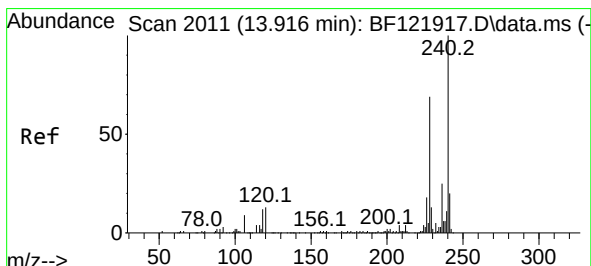
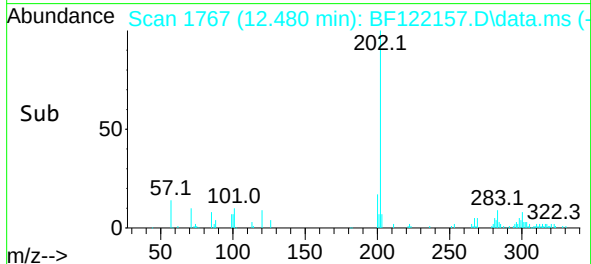
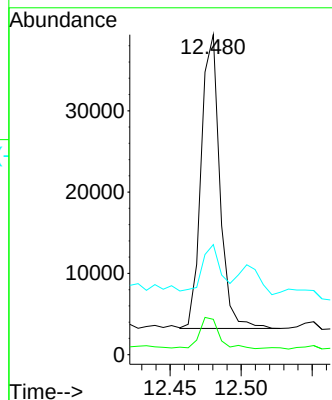
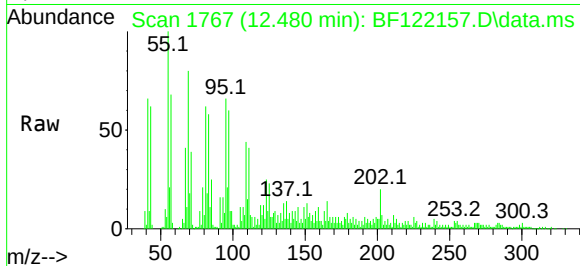




#75
Fluoranthene
Concen: 2.93 ng
RT: 12.480 min Scan# 1767
Delta R.T. 0.029 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

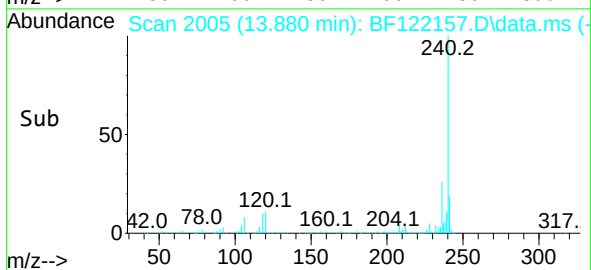
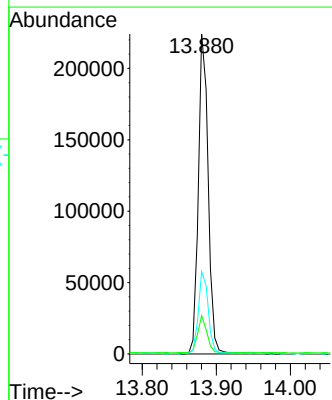
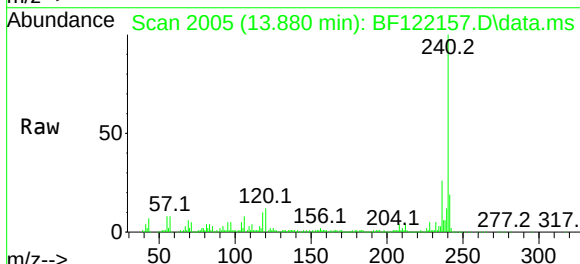
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

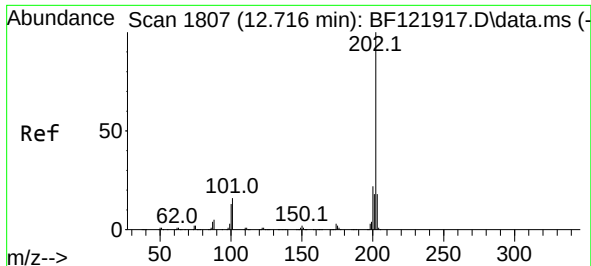
Tgt Ion:202 Resp: 33150
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 34.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:240 Resp: 206034
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.8 20.9 31.3

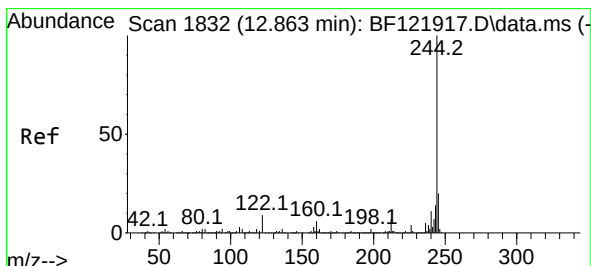
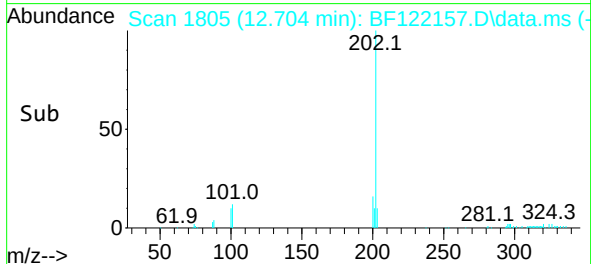
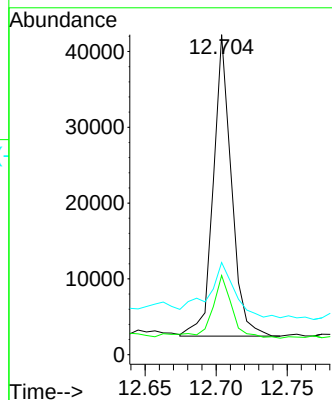
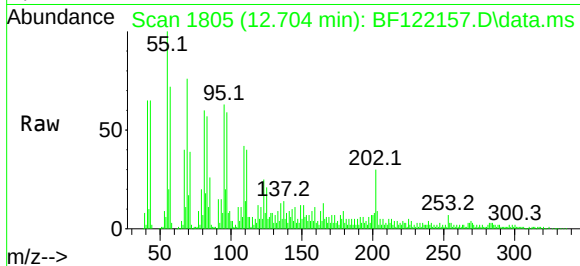




#78
Pyrene
Concen: 2.24 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.024 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

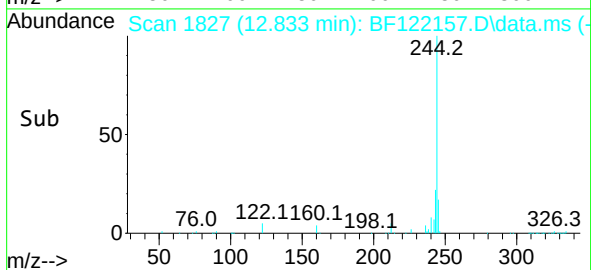
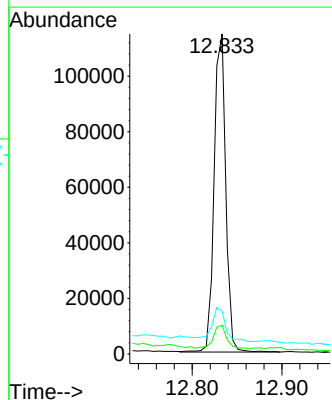
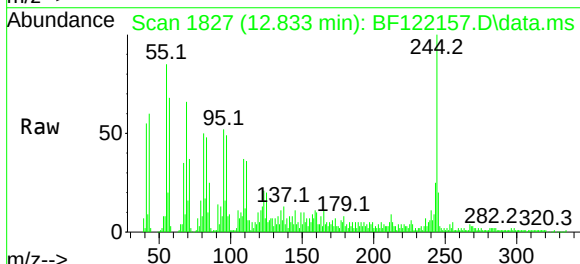
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

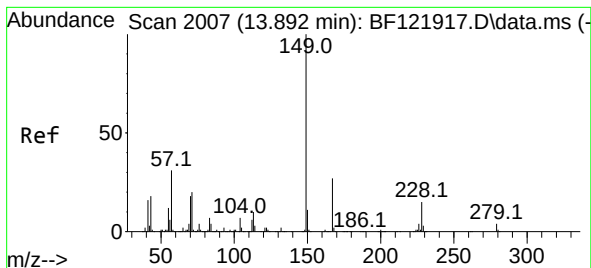
Tgt Ion:202 Resp: 35230
Ion Ratio Lower Upper
202 100
200 24.8 17.4 26.2
203 28.8 14.6 21.8#



#79
Terphenyl-d14
Concen: 9.52 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.018 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:244 Resp: 102960
Ion Ratio Lower Upper
244 100
212 9.0 5.4 8.2#
122 13.3 8.1 12.1#

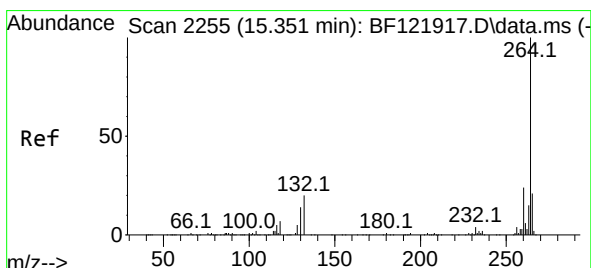
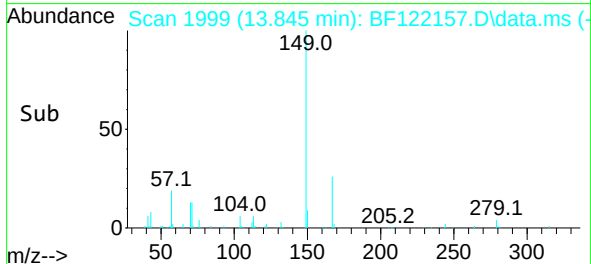
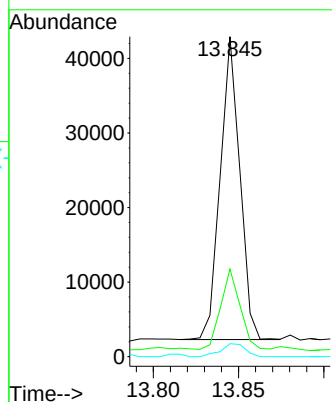
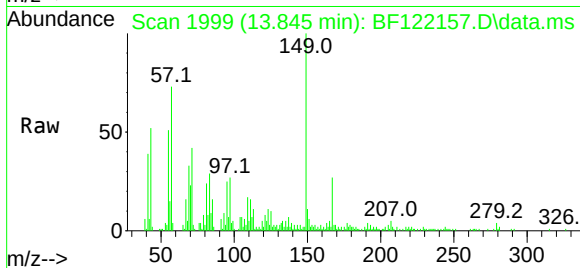




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.84 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

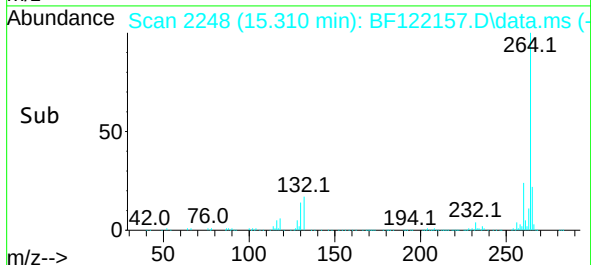
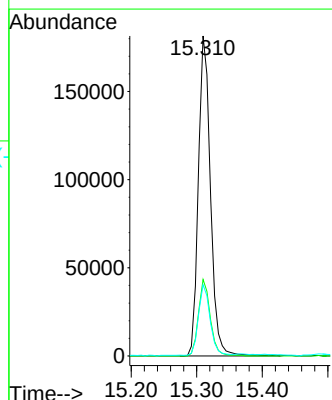
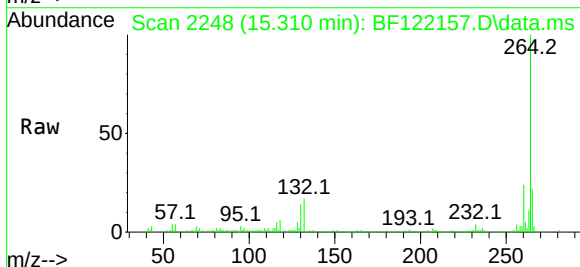
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

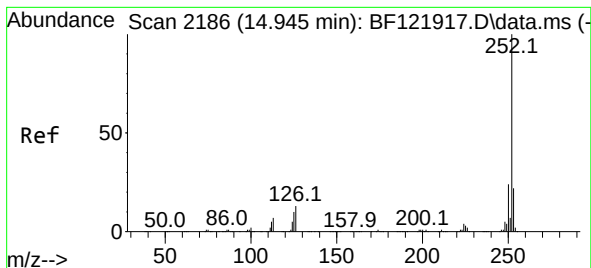
Tgt Ion:149 Resp: 32490
Ion Ratio Lower Upper
149 100
167 27.4 20.9 31.3
279 4.0 3.2 4.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.310 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:264 Resp: 233236
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.3 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 3.22 ng

RT: 14.910 min Scan# 2180

Delta R.T. 0.012 min

Lab File: BF122157.D

Acq: 28 Oct 2020 20:05

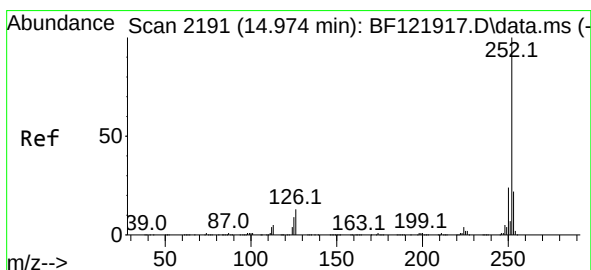
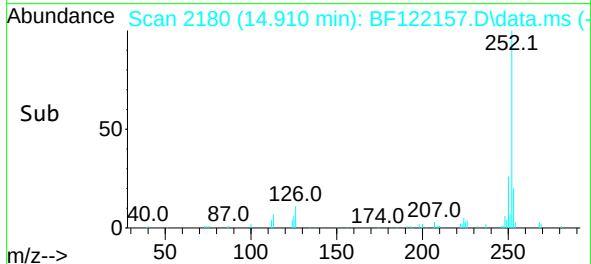
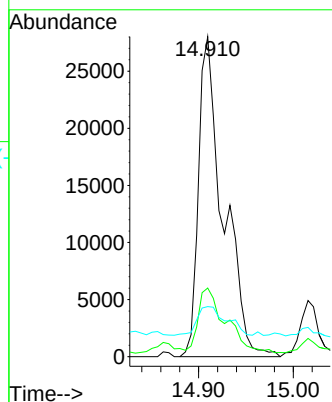
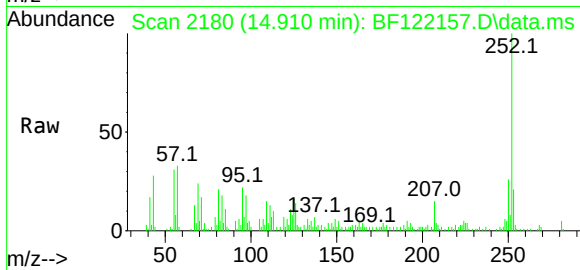
Tgt Ion:252	Resp:	50750
Ion Ratio	Lower	Upper
252	100	
253	21.4	18.2 27.2
125	15.7	8.0 12.0#

Instrument :

BNA_F

ClientSampleId :

CHRT-27339



#89

Benzo(k)fluoranthene

Concen: 3.39 ng

RT: 14.910 min Scan# 2180

Delta R.T. -0.018 min

Lab File: BF122157.D

Acq: 28 Oct 2020 20:05

Tgt Ion:252	Resp:	50750
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.8 26.6
125	15.7	7.7 11.5#

