

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122216.D
 Acq On : 31 Oct 2020 12:12
 Operator : JU/CG
 Sample : L4215-04 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Quant Time: Nov 01 23:52:21 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)

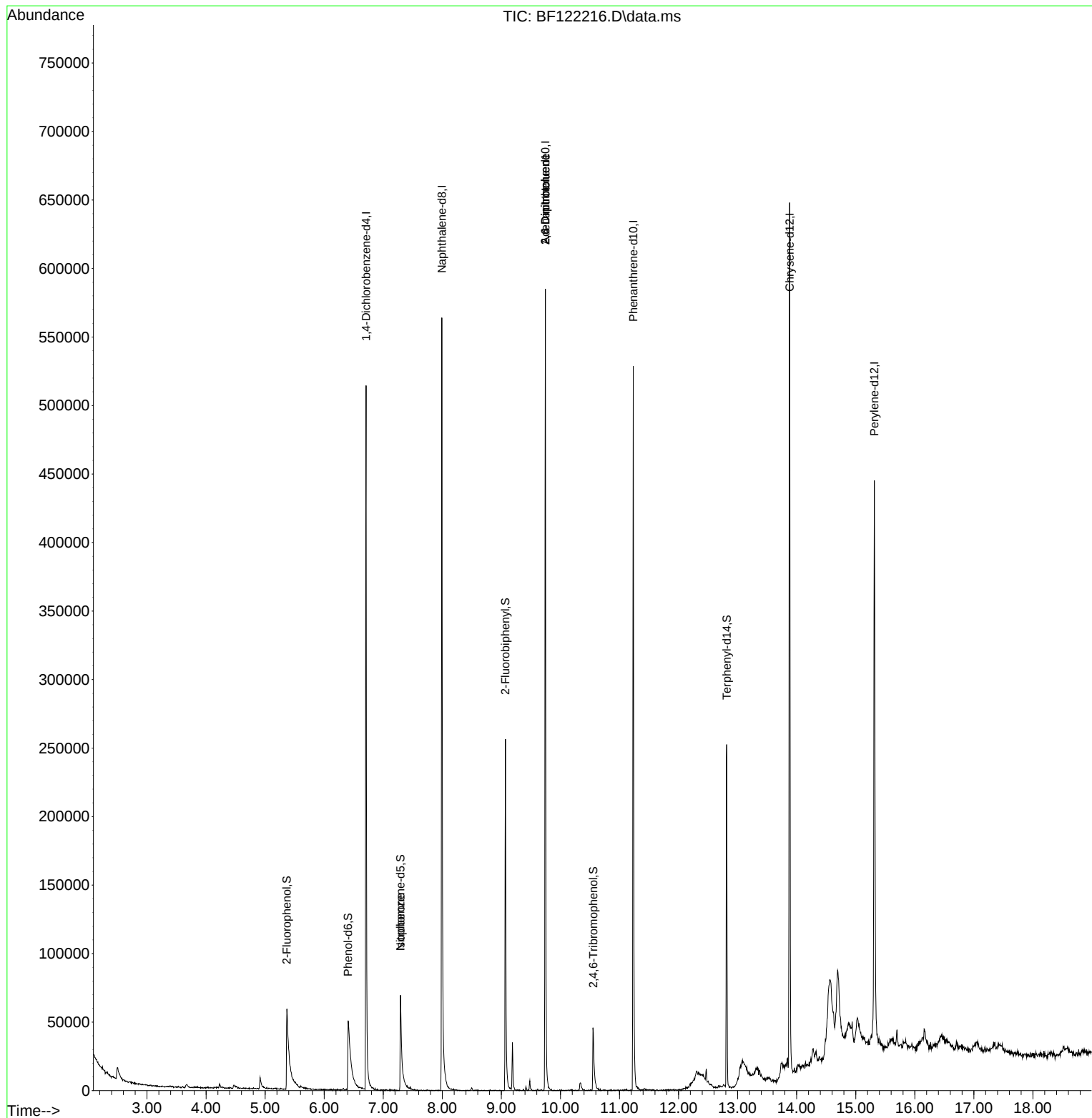
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	83275	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	293441	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	125056	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	212135	20.00	ng	0.00
76) Chrysene-d12	13.880	240	223424	20.00	ng	0.00
86) Perylene-d12	15.315	264	198737	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	60509	10.72	ng	0.04
7) Phenol-d6	6.404	99	66344	9.13	ng	0.04
23) Nitrobenzene-d5	7.292	82	54624	9.55	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	12432	8.04	ng	0.01
45) 2-Fluorobiphenyl	9.069	172	98301	11.57	ng	0.00
79) Terphenyl-d14	12.816	244	87835	7.49	ng	0.00
Target Compounds						
25) Isophorone	7.292	82	54624	5.05	ng	# 67
51) 2,6-Dinitrotoluene	9.745	165	15614	7.78	ng	# 19
57) 2,4-Dinitrotoluene	9.745	165	15614	6.32	ng	# 18

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

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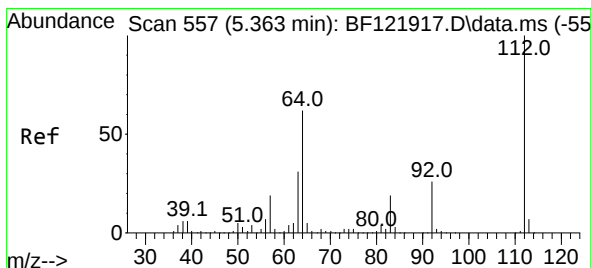
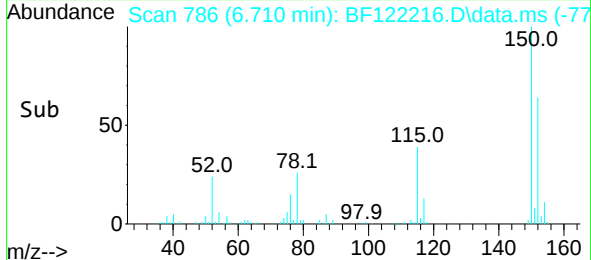
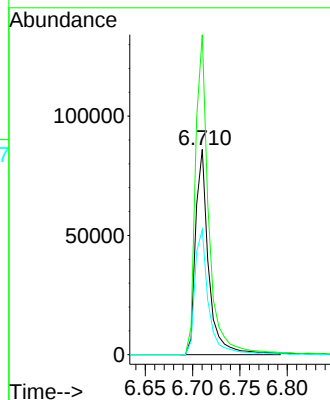
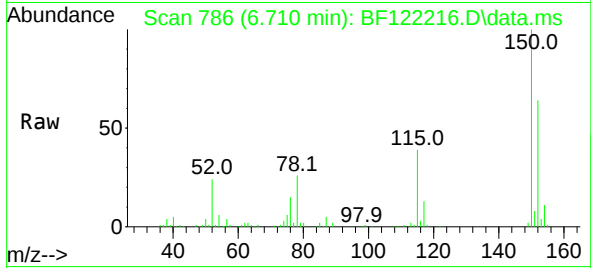




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

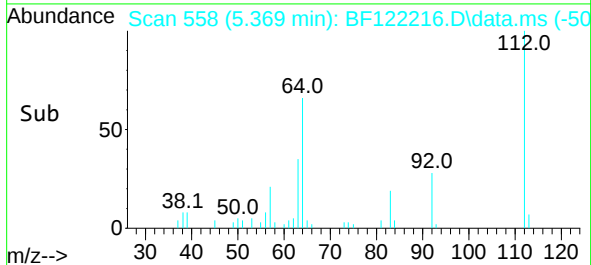
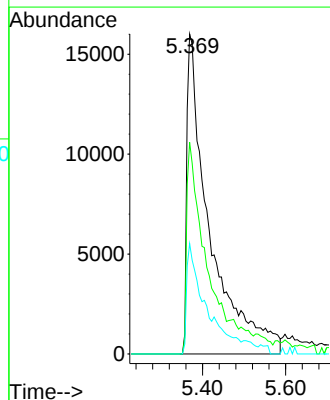
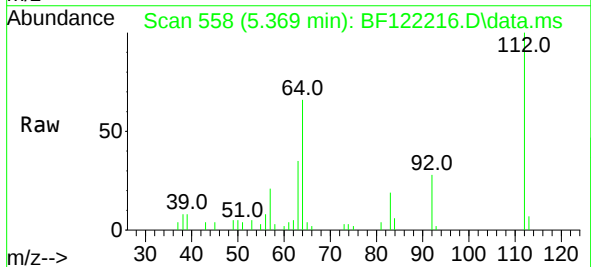
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

Tgt Ion:152 Resp: 83275
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 61.0 51.9 77.9



#5
2-Fluorophenol
Concen: 10.72 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.035 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

Tgt Ion:112 Resp: 60509
Ion Ratio Lower Upper
112 100
64 66.1 50.4 75.6
63 34.5 25.8 38.6

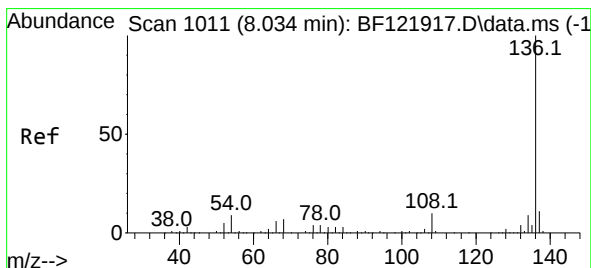
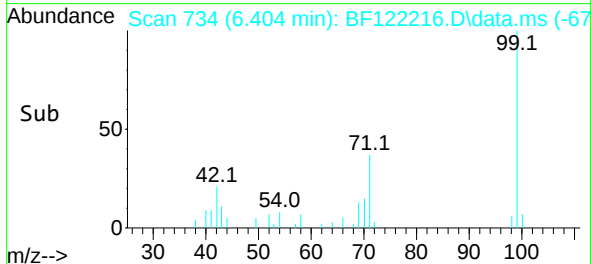
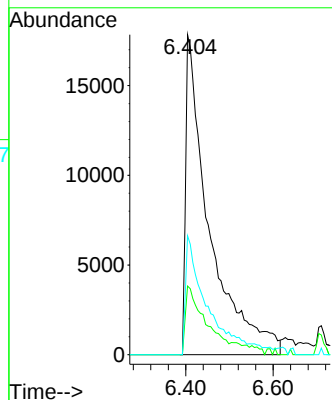
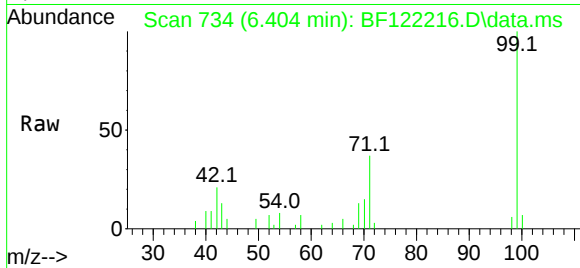




#7
Phenol-d6
Concen: 9.13 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.035 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

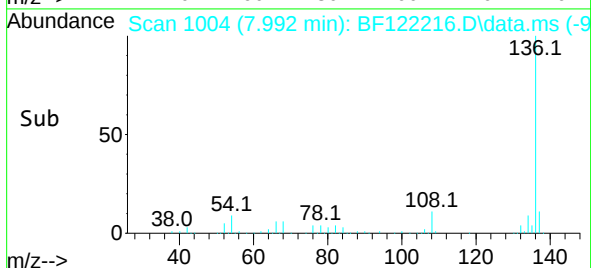
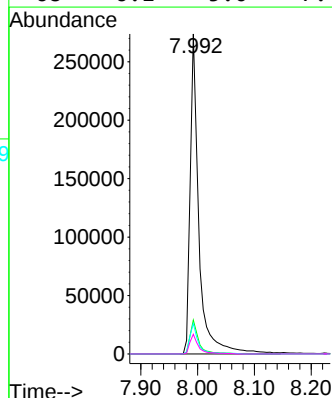
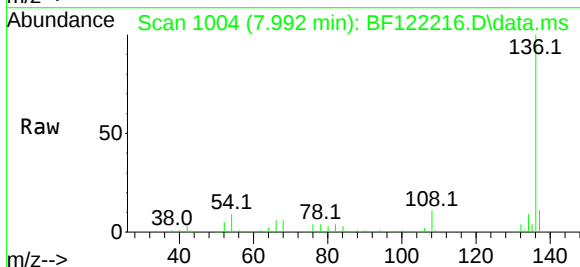
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

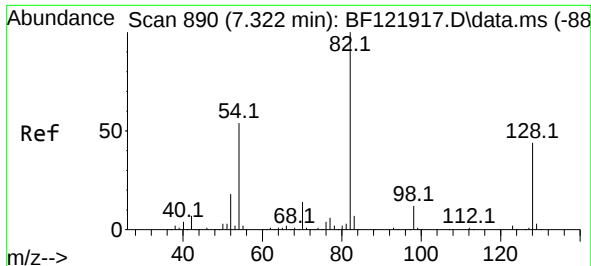
Tgt Ion: 99 Resp: 66344
Ion Ratio Lower Upper
99 100
42 21.5 15.9 23.9
71 37.2 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

Tgt Ion: 136 Resp: 293441
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.5 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 9.55 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF122216.D

Acq: 31 Oct 2020 12:12

Tgt Ion: 82 Resp: 54624

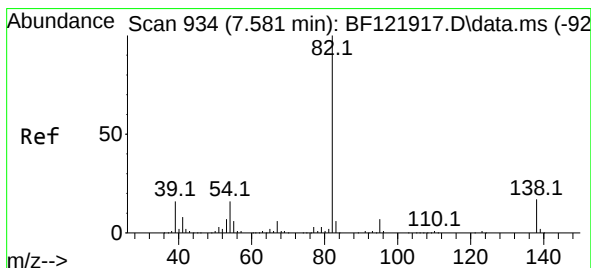
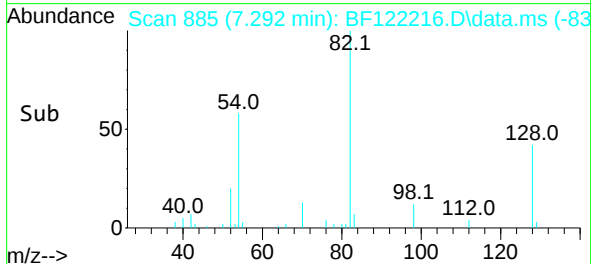
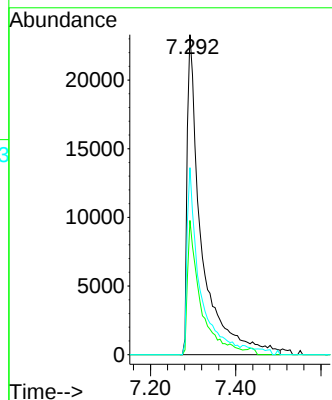
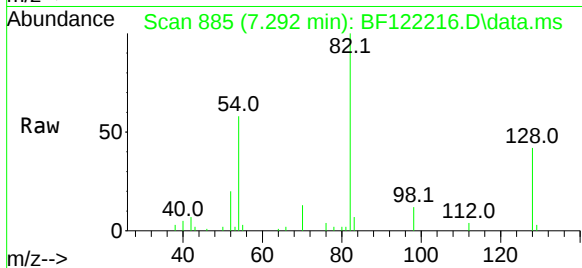
Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.0	52.4
54	58.5	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

AU-05-102820



#25

Isophorone

Concen: 5.05 ng

RT: 7.292 min Scan# 885

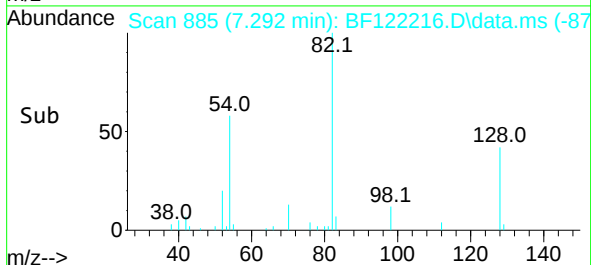
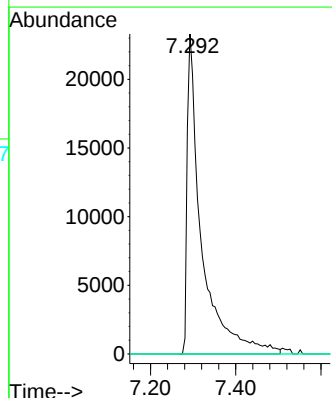
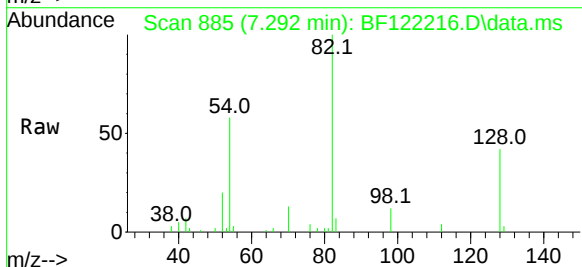
Delta R.T. -0.253 min

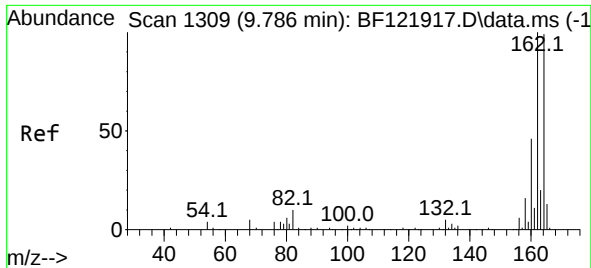
Lab File: BF122216.D

Acq: 31 Oct 2020 12:12

Tgt Ion: 82 Resp: 54624

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

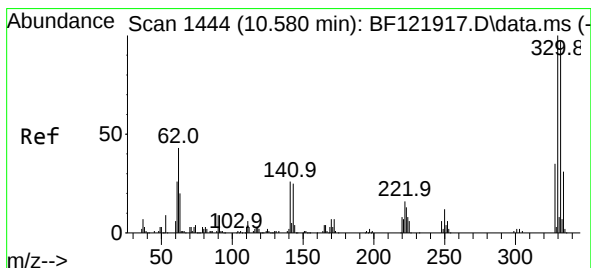
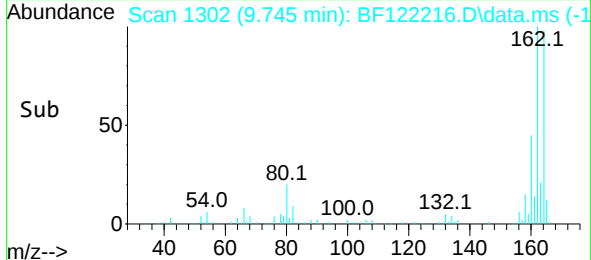
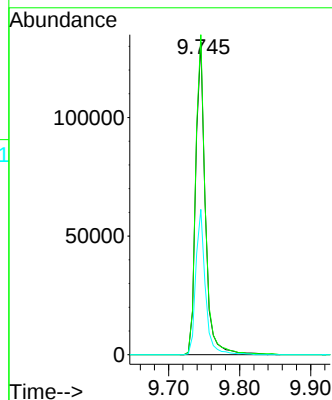
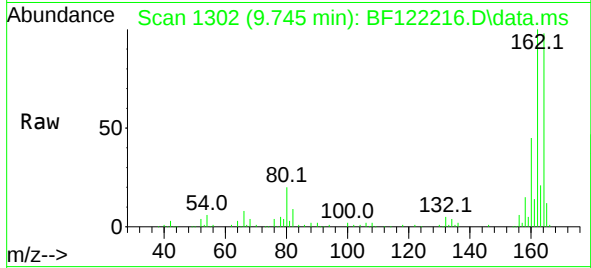




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

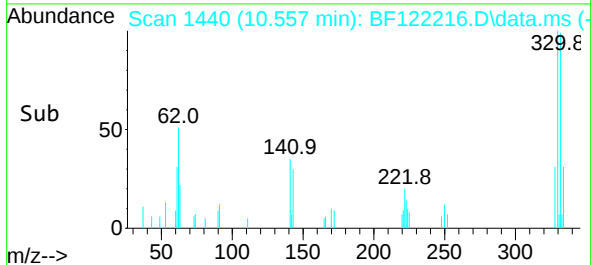
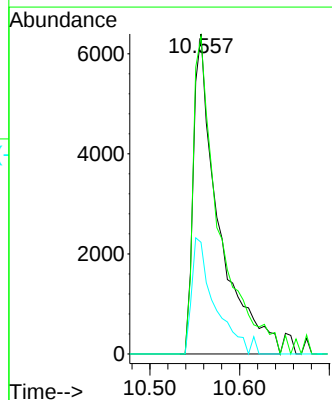
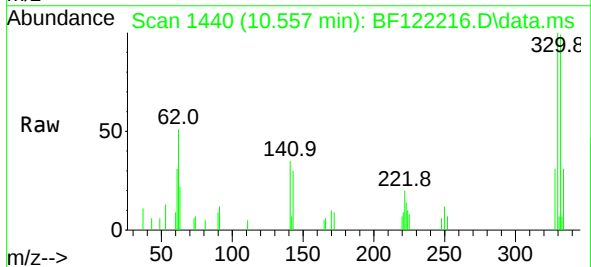
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

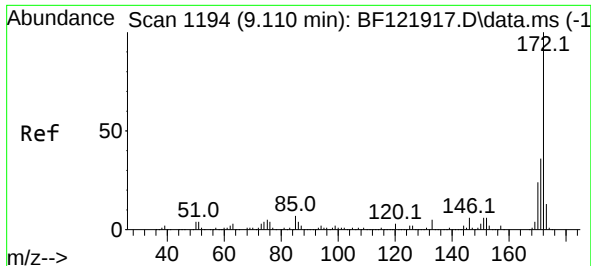
Tgt Ion:164 Resp: 125056
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 46.5 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 8.04 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

Tgt Ion:330 Resp: 12432
Ion Ratio Lower Upper
330 100
332 101.1 77.3 115.9
141 33.2 22.3 33.5

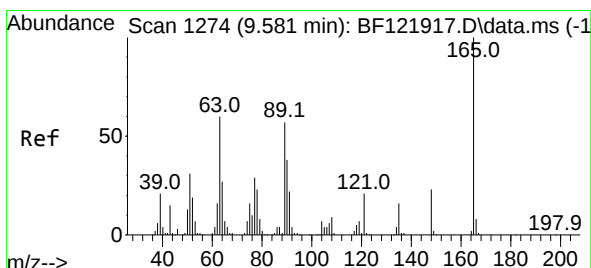
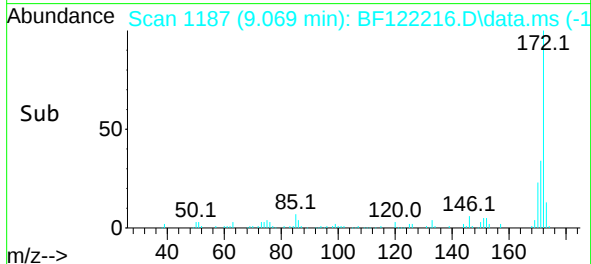
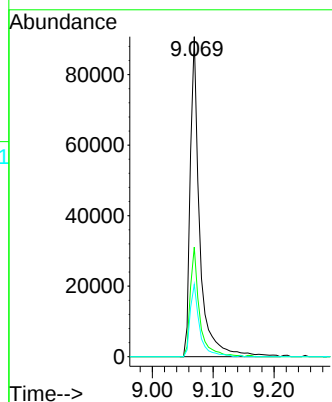
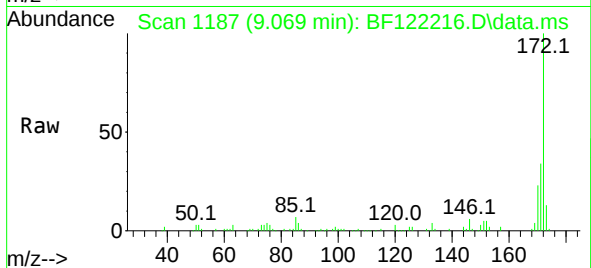




#45
2-Fluorobiphenyl
Concen: 11.57 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

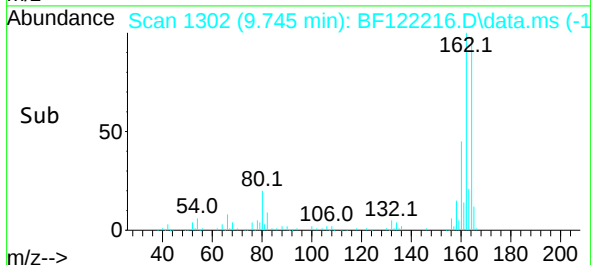
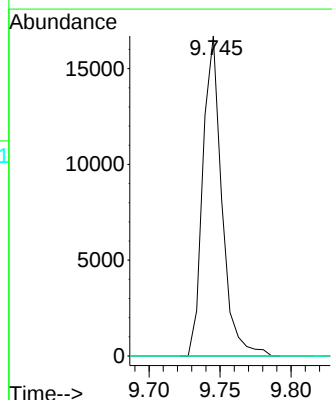
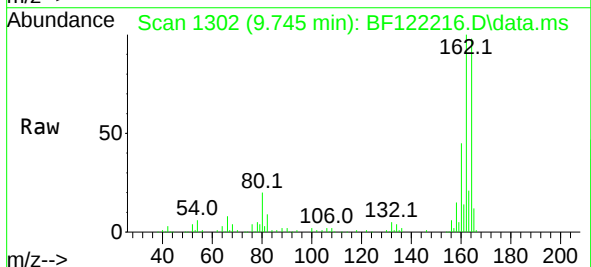
Instrument :
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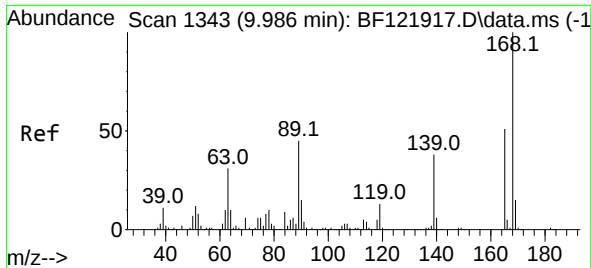
Tgt Ion:172 Resp: 98301
Ion Ratio Lower Upper
172 100
171 34.3 29.1 43.7
170 22.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

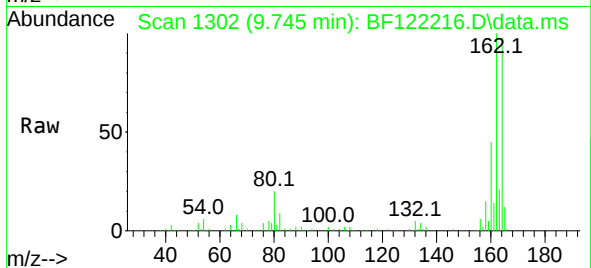
Tgt Ion:165 Resp: 15614
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 49.0 73.6#



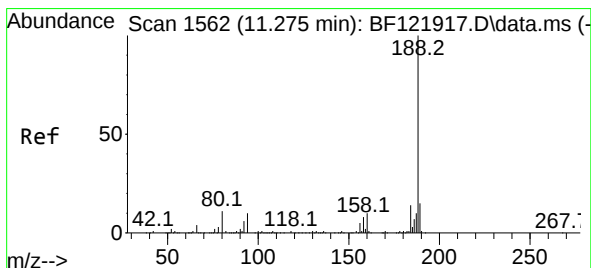
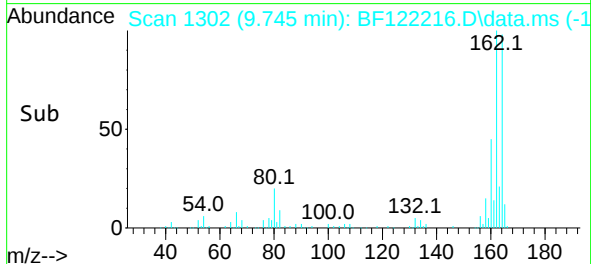
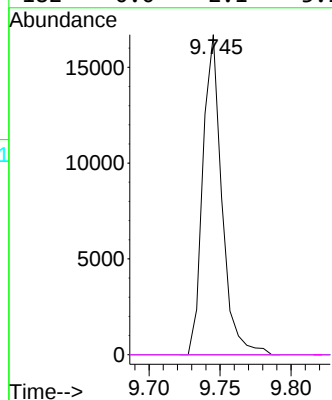


#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

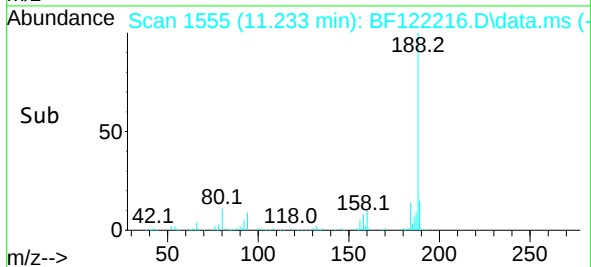
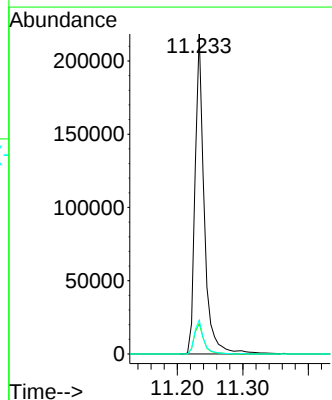
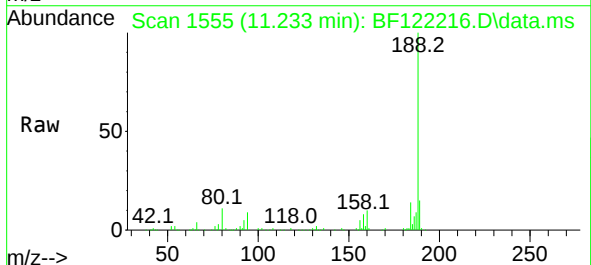


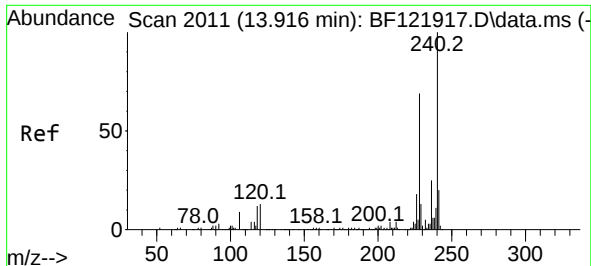
Tgt Ion:165 Resp: 15614
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

Tgt Ion:188 Resp: 212135
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.6 9.1 13.7

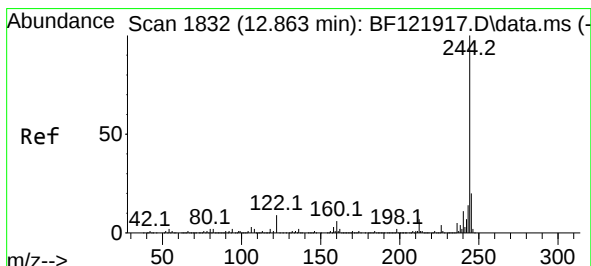
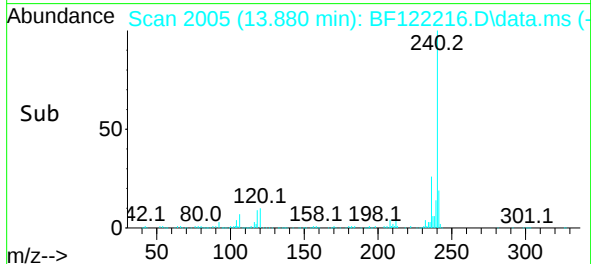
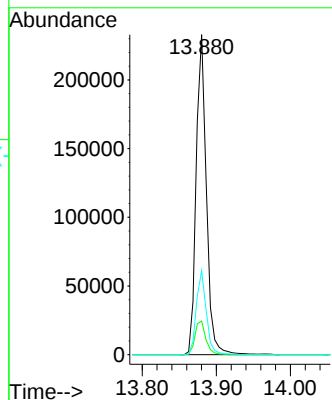
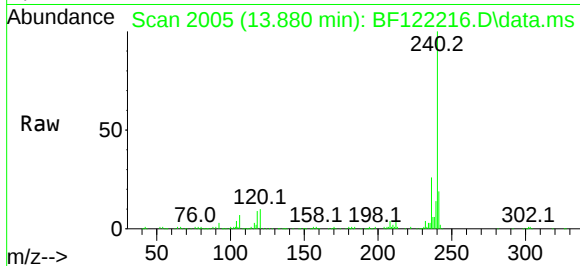




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

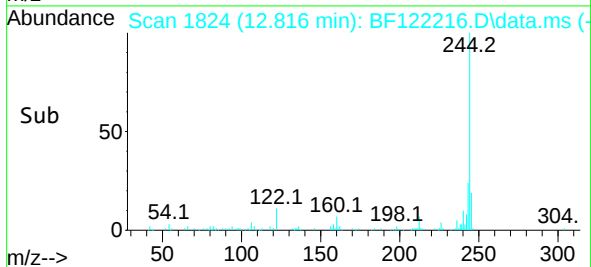
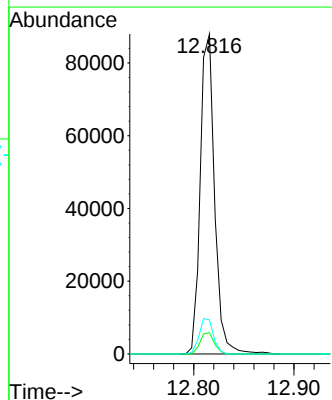
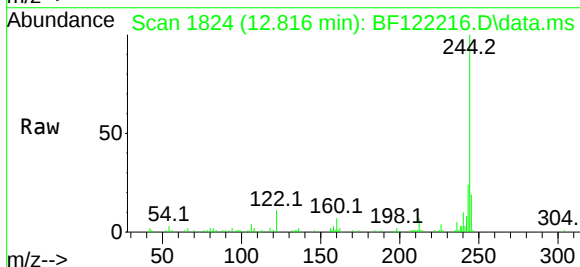
Instrument :
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AU-05-102820

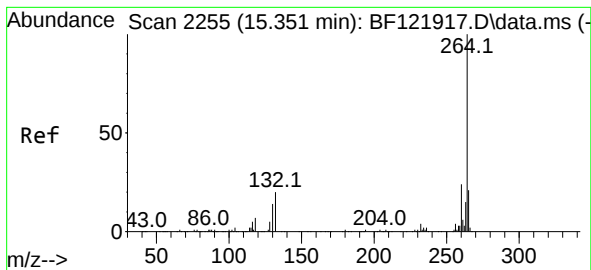
Tgt Ion:240 Resp: 223424
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 7.49 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122216.D
Acq: 31 Oct 2020 12:12

Tgt Ion:244 Resp: 87835
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.7 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: BF122216.D
 Acq: 31 Oct 2020 12:12

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Tgt Ion:264 Resp: 198737
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.9 17.3 25.9

