

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122043.D
 Acq On : 20 Oct 2020 22:15
 Operator : JU/CG
 Sample : L4456-03 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Quant Time: Oct 21 00:38:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

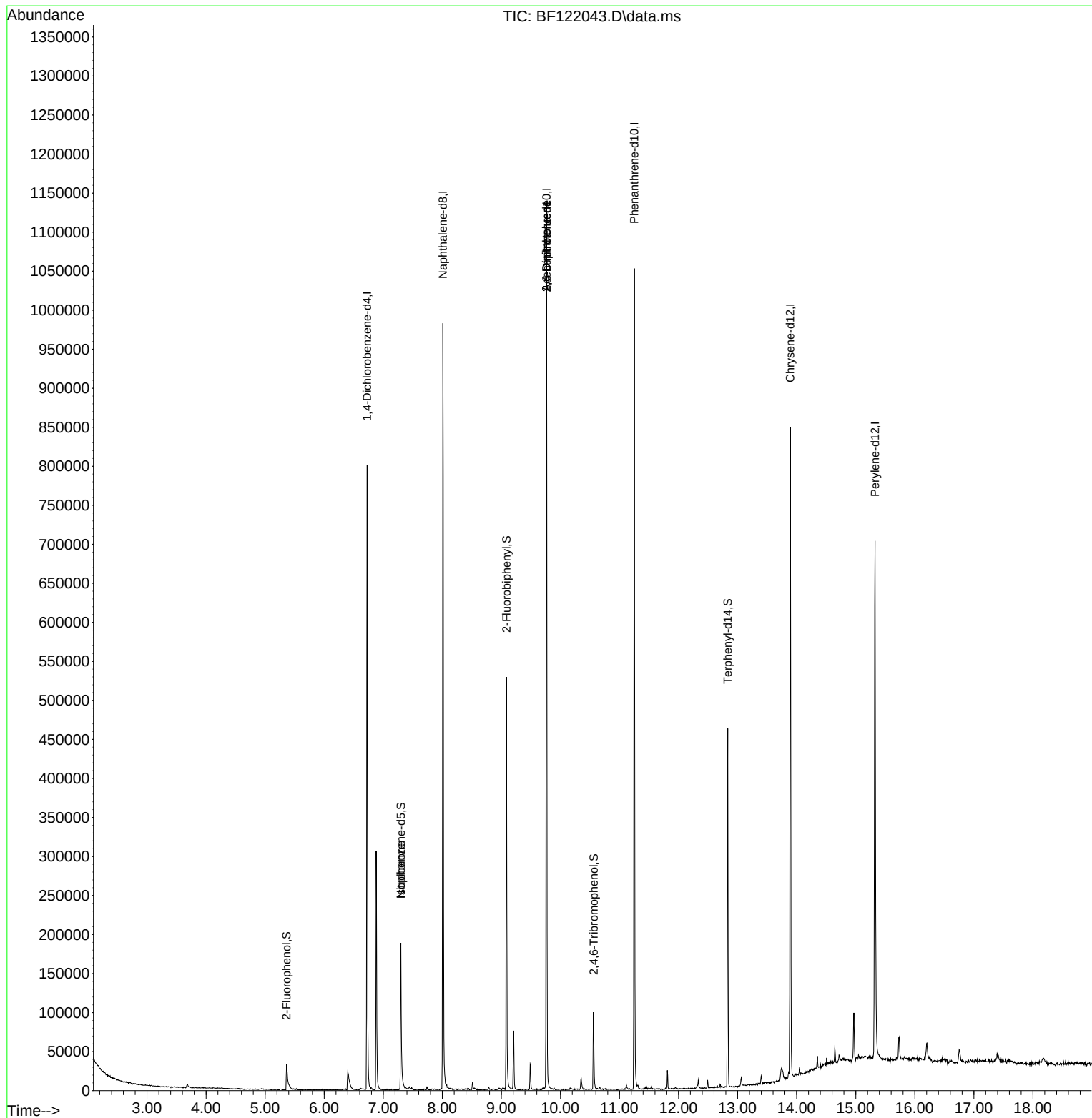
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	116112	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	452647	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	221785	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	362676	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	281290	20.00	ng	-0.02
86) Perylene-d12	15.327	264	284953	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	21509	2.73	ng	0.00
7) Phenol-d6	6.398	99	17489	1.73	ng	0.00
23) Nitrobenzene-d5	7.298	82	77409	8.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.563	330	15536	5.66	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	162141	10.76	ng	-0.02
79) Terphenyl-d14	12.833	244	150547	10.20	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.298	82	77409	4.64	ng	# 67
51) 2,6-Dinitrotoluene	9.763	165	27792	7.81	ng	# 21
57) 2,4-Dinitrotoluene	9.763	165	27792	6.35	ng	# 21

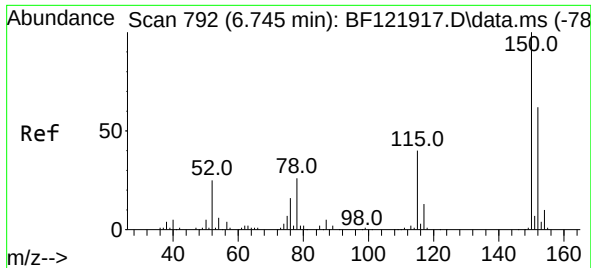
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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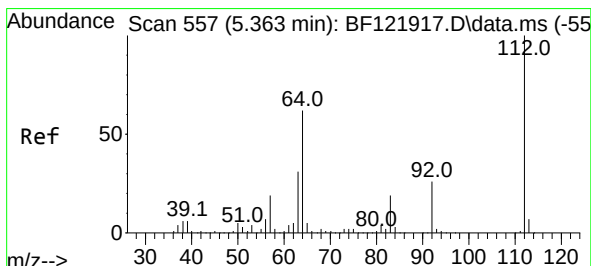
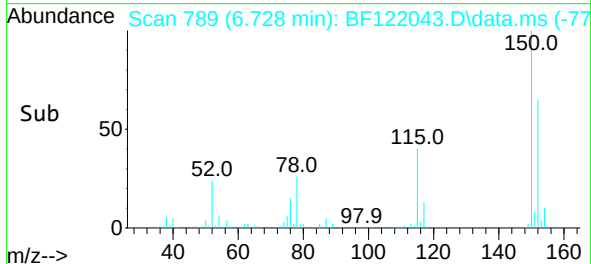
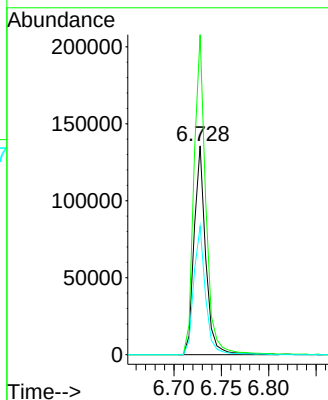
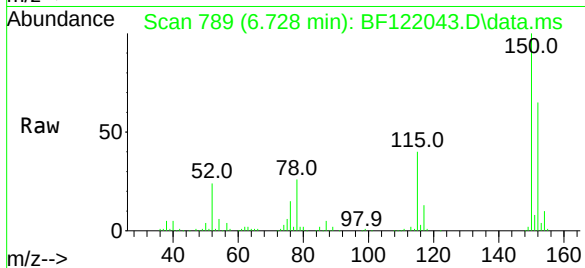




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.017 min
 Lab File: BF122043.D
 Acq: 20 Oct 2020 22:15

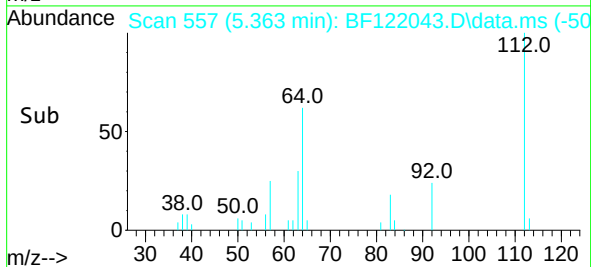
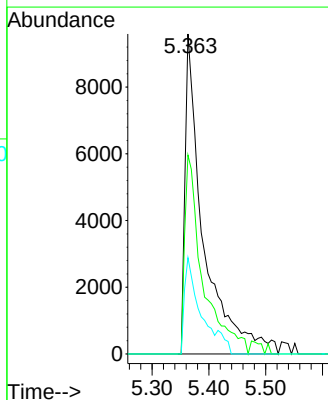
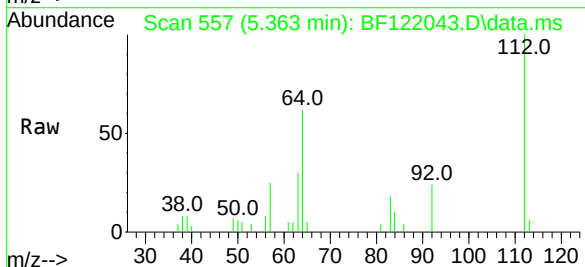
Instrument :
 BNA_F
 ClientSampleId :
 HP-640

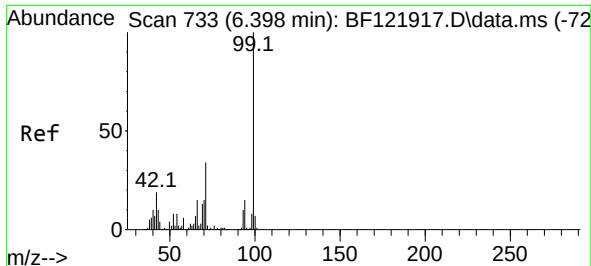
Tgt Ion:152 Resp: 116112
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.3 187.9
 115 61.5 51.9 77.9



#5
 2-Fluorophenol
 Concen: 2.73 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF122043.D
 Acq: 20 Oct 2020 22:15

Tgt Ion:112 Resp: 21509
 Ion Ratio Lower Upper
 112 100
 64 62.1 50.4 75.6
 63 30.1 25.8 38.6

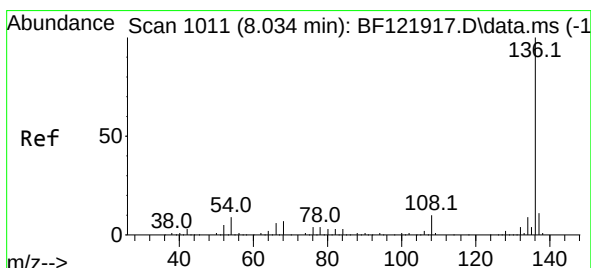
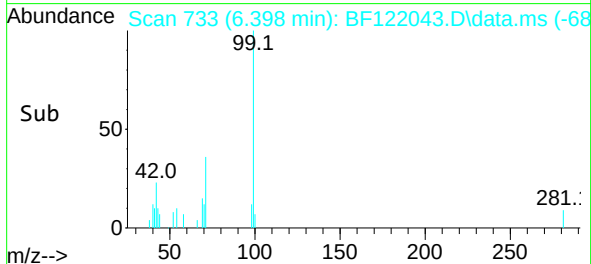
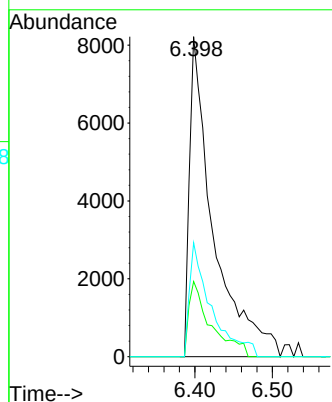
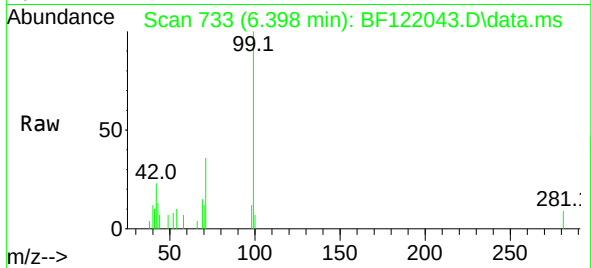




#7
Phenol-d6
Concen: 1.73 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

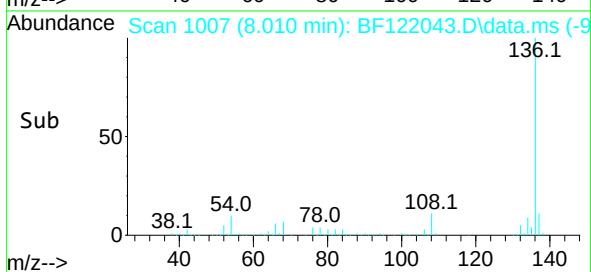
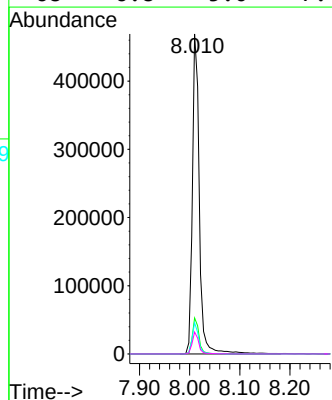
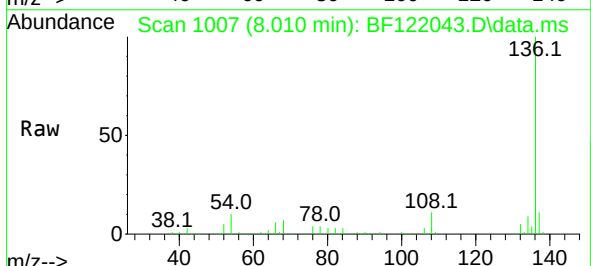
Instrument :
BNA_F
ClientSampleId :
HP-640

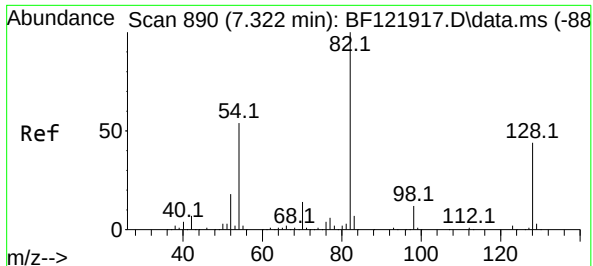
Tgt Ion:	99	Resp:	17489
Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.9	23.9
71	35.6	27.1	40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion:	136	Resp:	452647
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.8	7.1	10.7
68	6.8	5.0	7.4

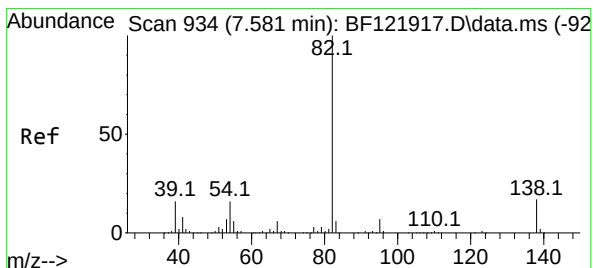
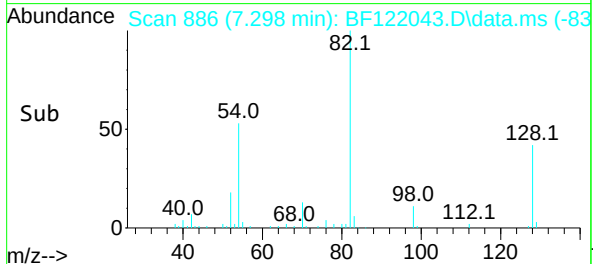
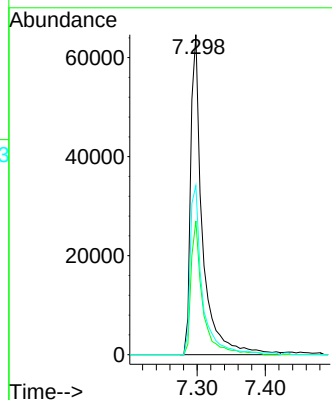
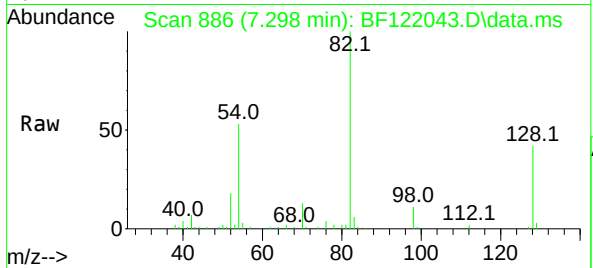




#23
Nitrobenzene-d5
Concen: 8.77 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

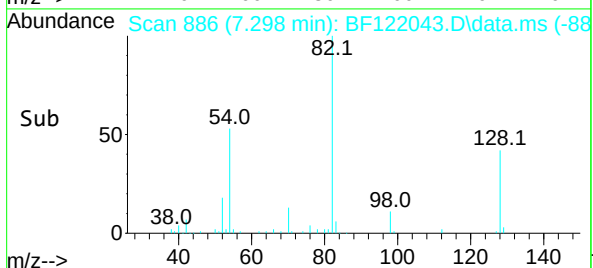
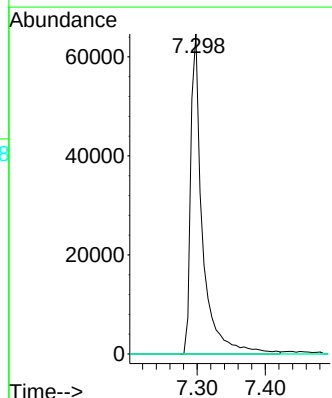
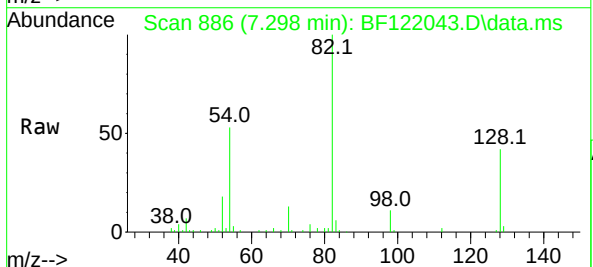
Instrument :
BNA_F
ClientSampleId :
HP-640

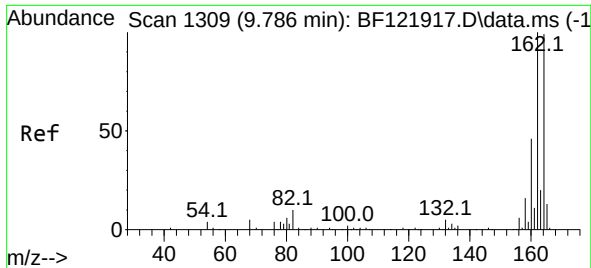
Tgt Ion: 82 Resp: 77409
Ion Ratio Lower Upper
82 100
128 41.8 35.0 52.4
54 52.9 43.9 65.9



#25
Isophorone
Concen: 4.64 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 82 Resp: 77409
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

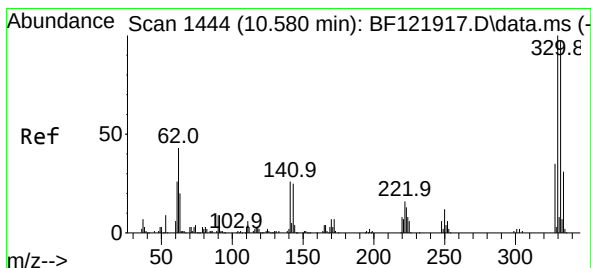
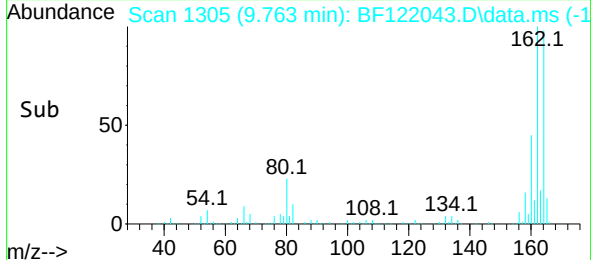
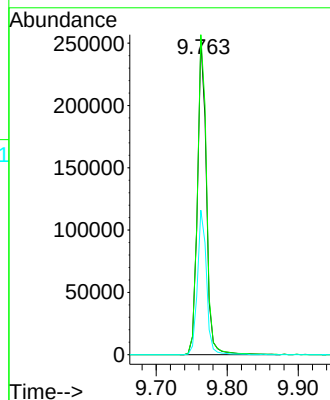
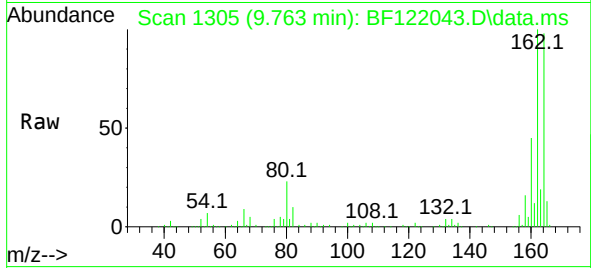




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

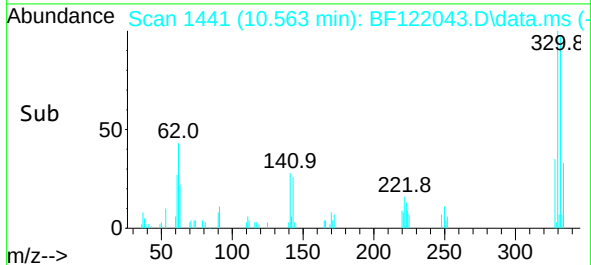
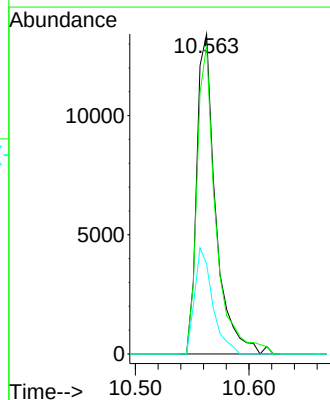
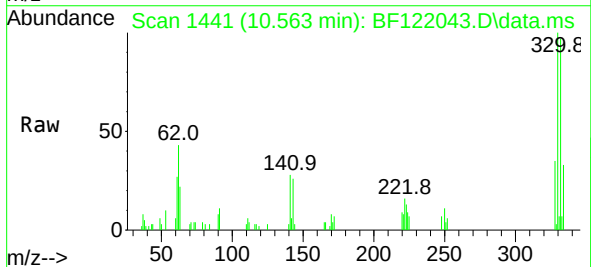
Instrument :
BNA_F
ClientSampled :
HP-640

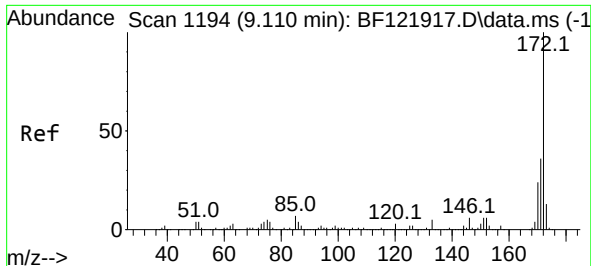
Tgt Ion:164 Resp: 221785
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 45.9 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 5.66 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion:330 Resp: 15536
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 31.5 22.3 33.5

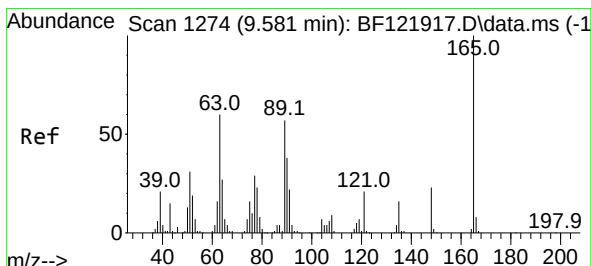
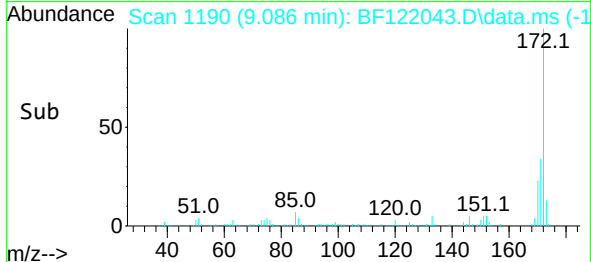
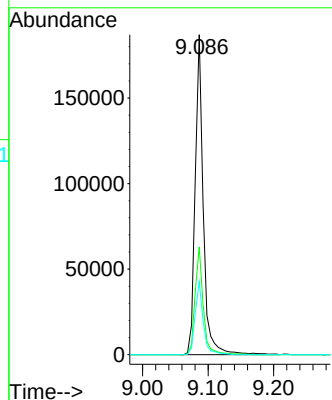
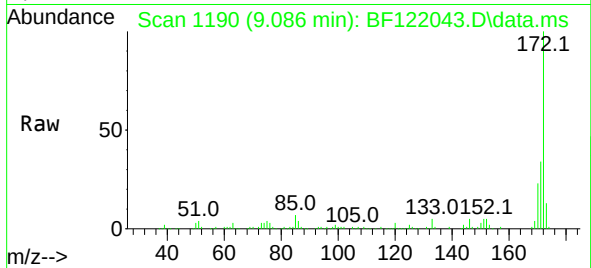




#45
2-Fluorobiphenyl
Concen: 10.76 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

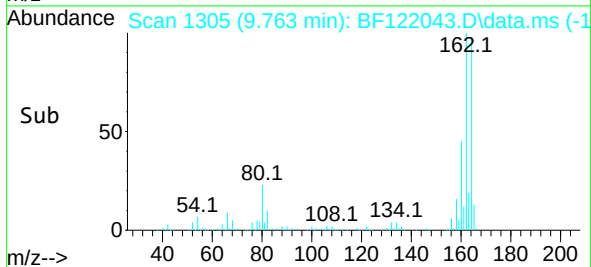
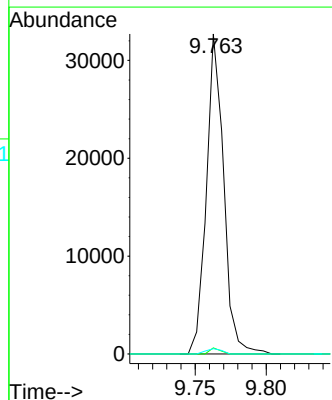
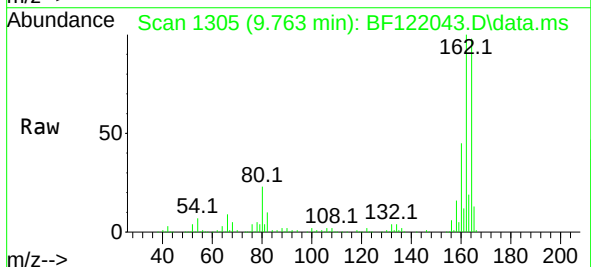
Instrument :
BNA_F
ClientSampled :
HP-640

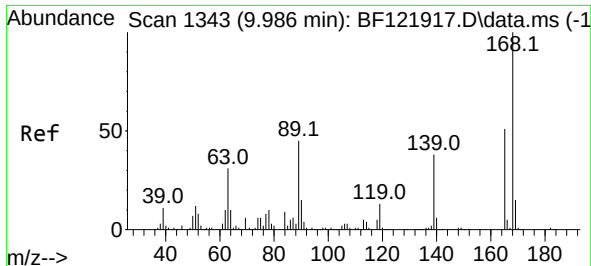
Tgt Ion:172 Resp: 162141
Ion Ratio Lower Upper
172 100
171 33.7 29.1 43.7
170 22.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.188 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

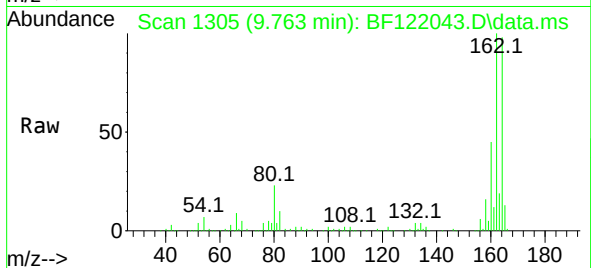
Tgt Ion:165 Resp: 27792
Ion Ratio Lower Upper
165 100
63 1.9 51.8 77.6#
89 1.6 49.0 73.6#



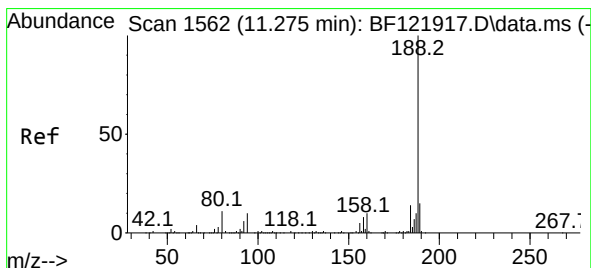
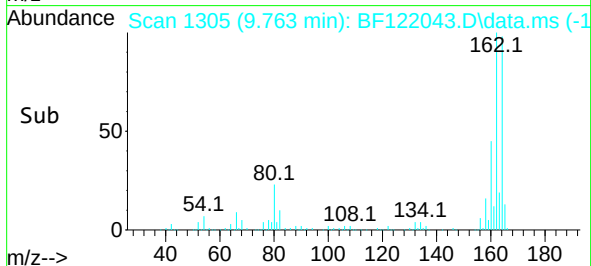
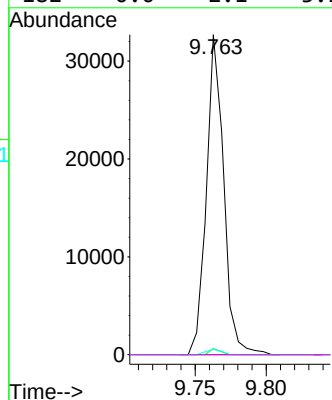


#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Instrument :
BNA_F
ClientSampleId :
HP-640

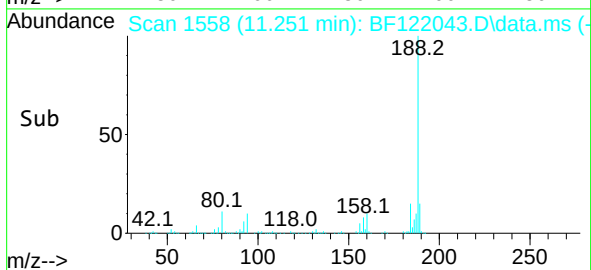
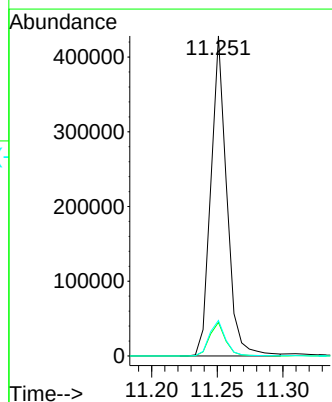
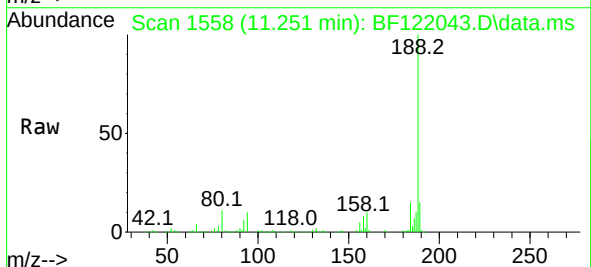


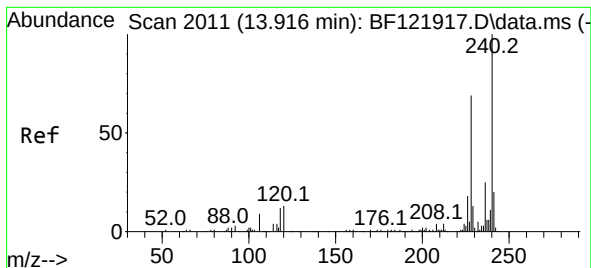
Tgt Ion:	165	Resp:	27792
Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion:	188	Resp:	362676
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.1	9.1	13.7

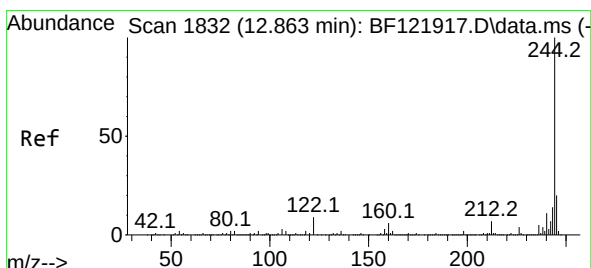
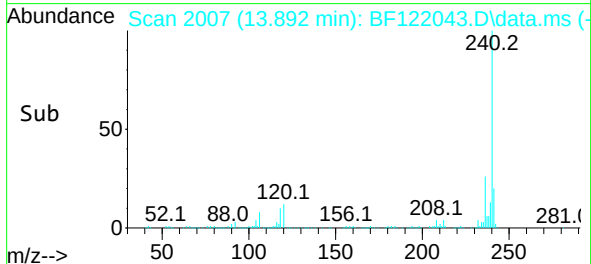
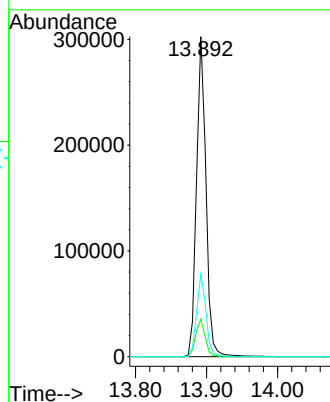
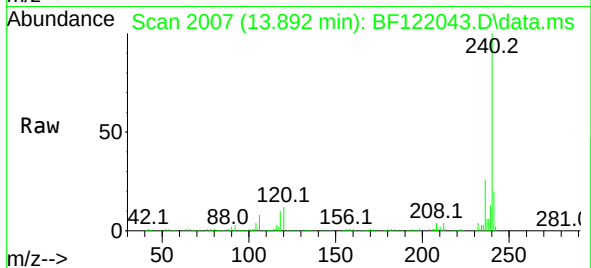




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

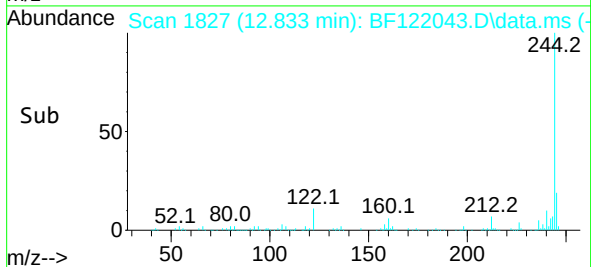
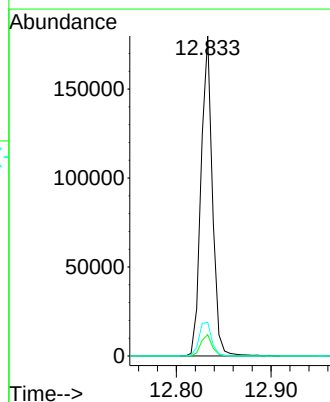
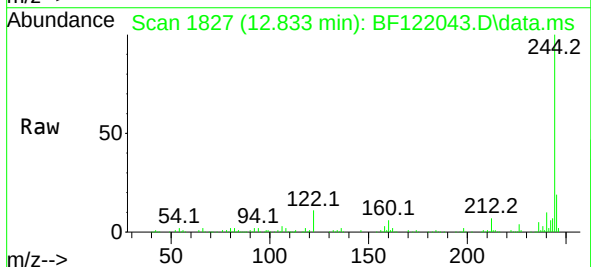
Instrument :
BNA_F
ClientSampleId :
HP-640

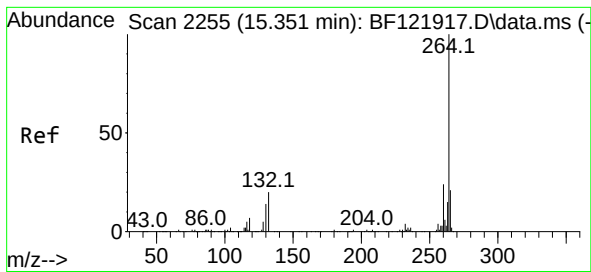
Tgt Ion:240 Resp: 281290
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 10.20 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion:244 Resp: 150547
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.5 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. -0.012 min
 Lab File: BF122043.D
 Acq: 20 Oct 2020 22:15

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Tgt Ion:264	Resp:	284953
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.7 28.1
265	21.1	17.3 25.9

