

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122042.D
 Acq On : 20 Oct 2020 21:44
 Operator : JU/CG
 Sample : L4455-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Quant Time: Oct 21 00:38:42 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)

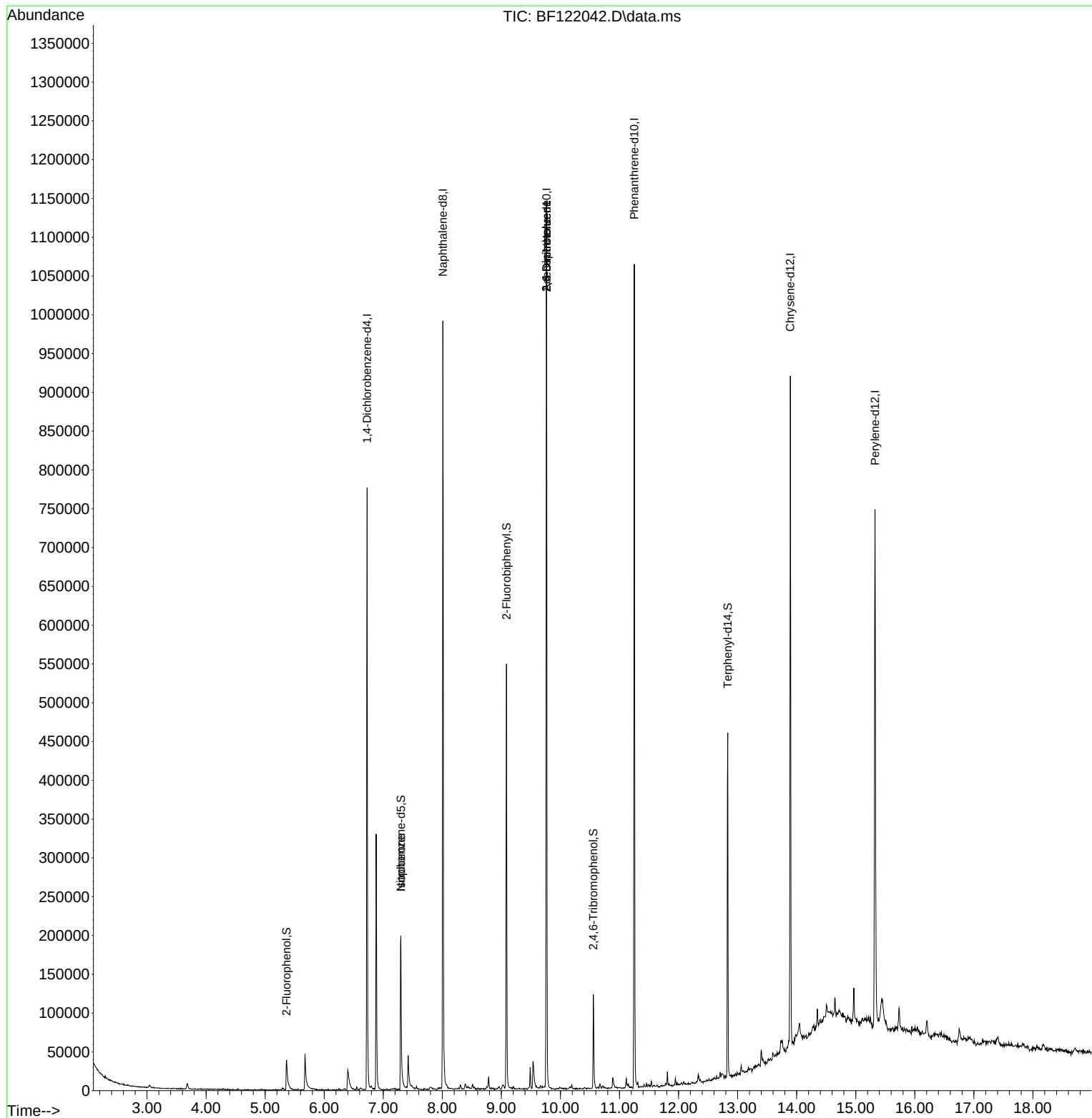
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	112951	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	445784	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	221459	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	361151	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	280122	20.00	ng	-0.02
86) Perylene-d12	15.327	264	285126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	22792	2.98	ng	0.00
7) Phenol-d6	6.398	99	18118	1.84	ng	0.00
23) Nitrobenzene-d5	7.298	82	82390	9.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	16483	6.02	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	166288	11.05	ng	-0.02
79) Terphenyl-d14	12.833	244	150363	10.23	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.298	82	82390	5.01	ng	# 67
51) 2,6-Dinitrotoluene	9.763	165	27621	7.78	ng	# 21
57) 2,4-Dinitrotoluene	9.763	165	27621	6.32	ng	# 21

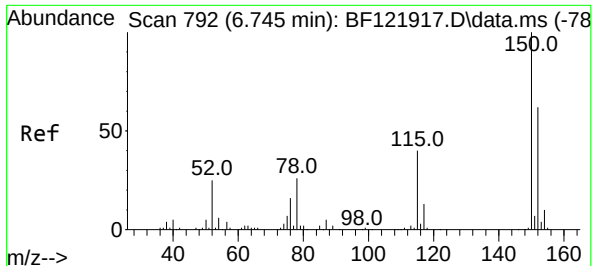
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122042.D
Acq On : 20 Oct 2020 21:44
Operator : JU/CG
Sample : L4455-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HP-627

Quant Time: Oct 21 00:38:42 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

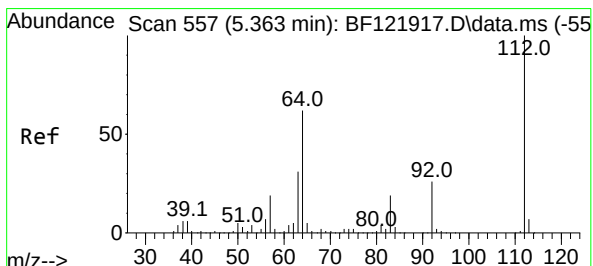
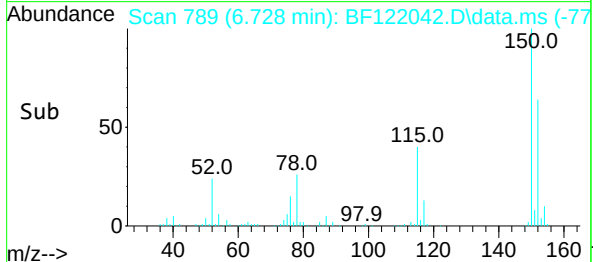
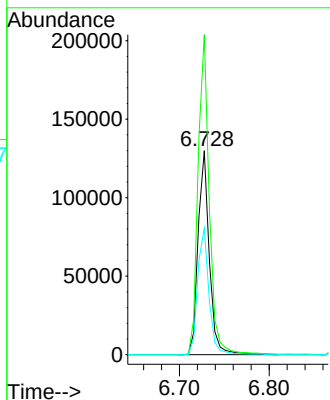
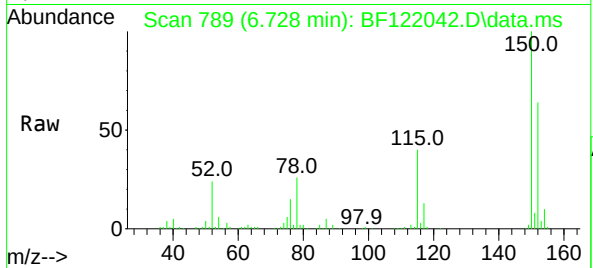




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.017 min
 Lab File: BF122042.D
 Acq: 20 Oct 2020 21:44

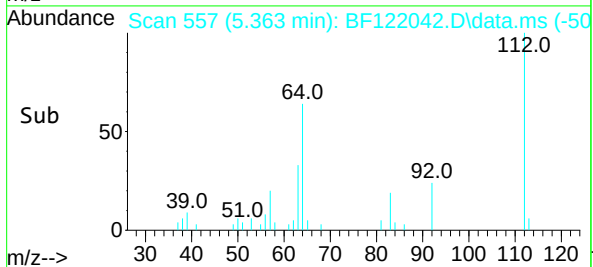
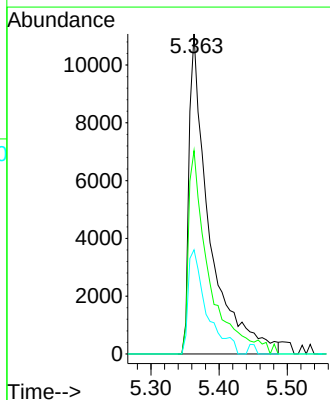
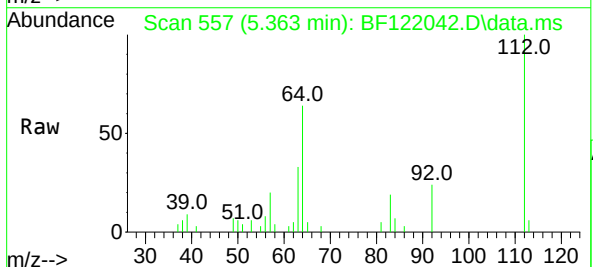
Instrument :
 BNA_F
 ClientSampleId :
 HP-627

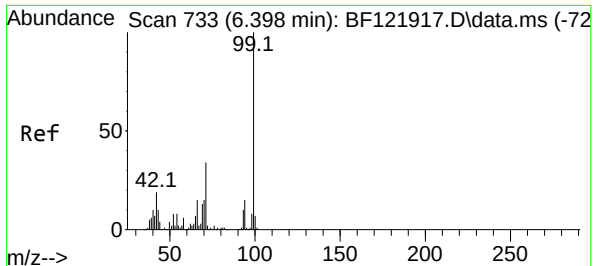
Tgt Ion:152 Resp: 112951
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.3 187.9
 115 62.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 2.98 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF122042.D
 Acq: 20 Oct 2020 21:44

Tgt Ion:112 Resp: 22792
 Ion Ratio Lower Upper
 112 100
 64 63.5 50.4 75.6
 63 32.6 25.8 38.6

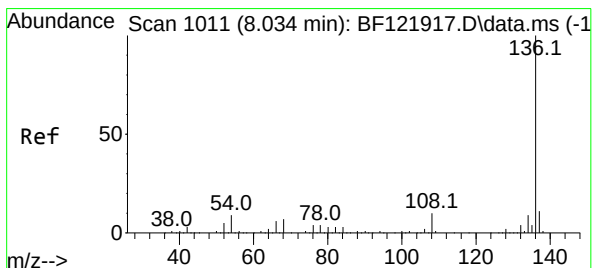
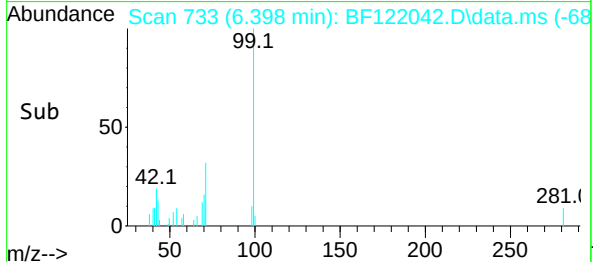
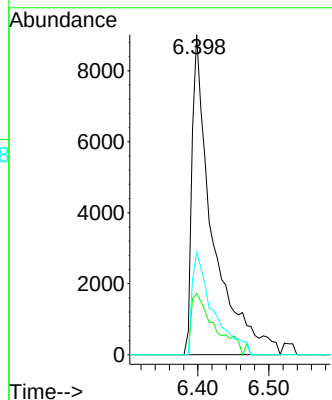
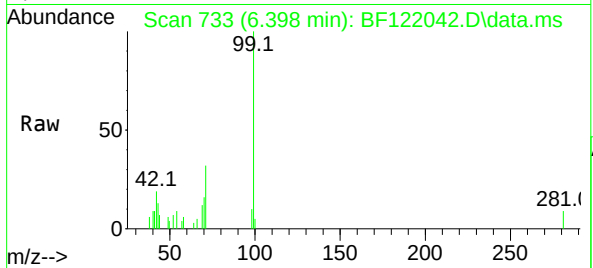




#7
Phenol-d6
Concen: 1.84 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

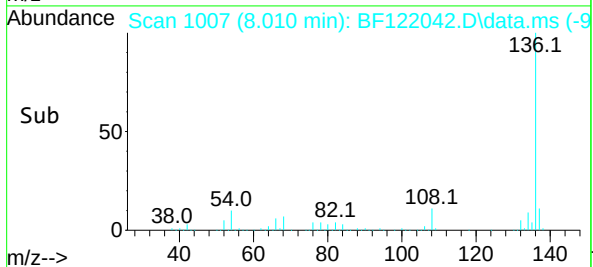
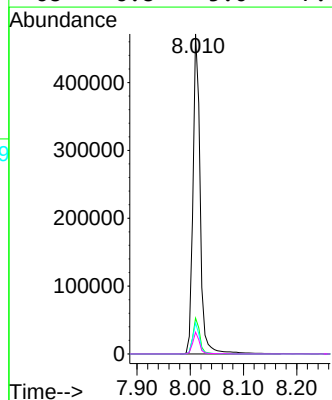
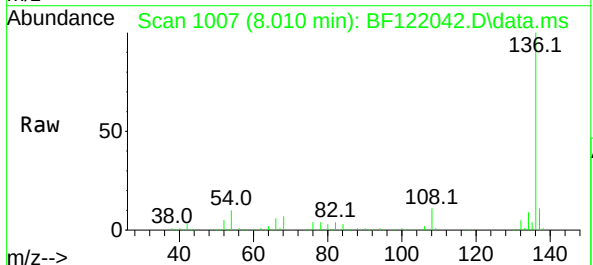
Instrument :
BNA_F
ClientSampleId :
HP-627

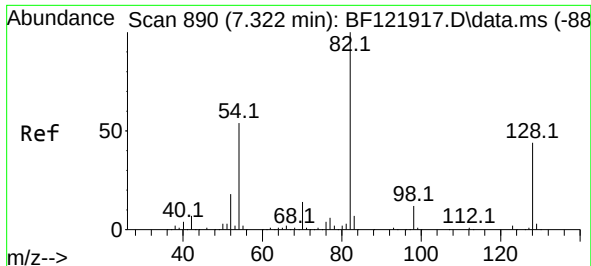
Tgt Ion: 99 Resp: 18118
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 31.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

Tgt Ion: 136 Resp: 445784
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.7 7.1 10.7
68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 9.48 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.018 min

Lab File: BF122042.D

Acq: 20 Oct 2020 21:44

Tgt Ion: 82 Resp: 82390

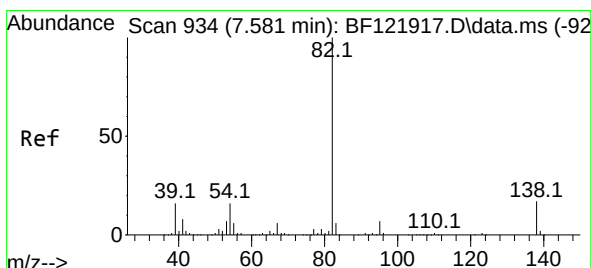
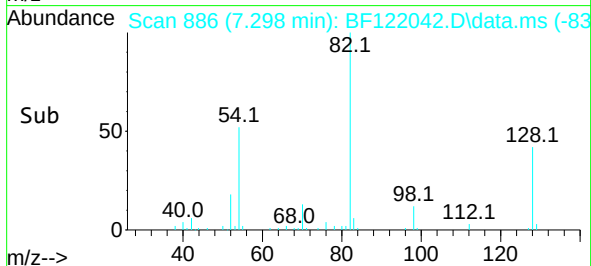
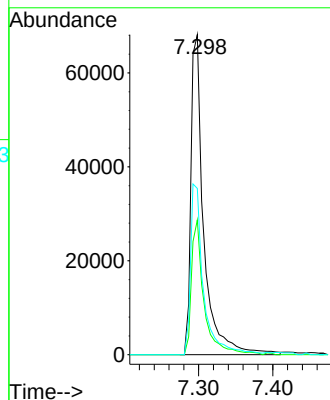
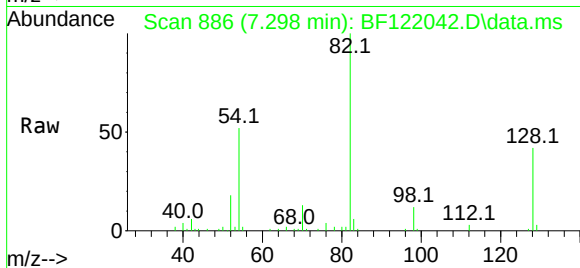
Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.0	52.4
54	51.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

HP-627



#25

Isophorone

Concen: 5.01 ng

RT: 7.298 min Scan# 886

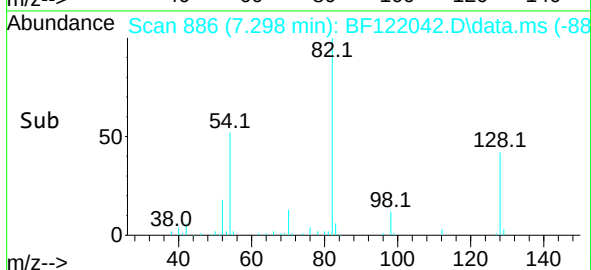
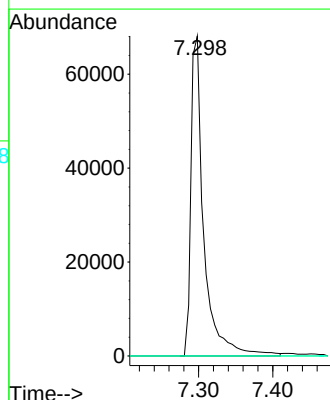
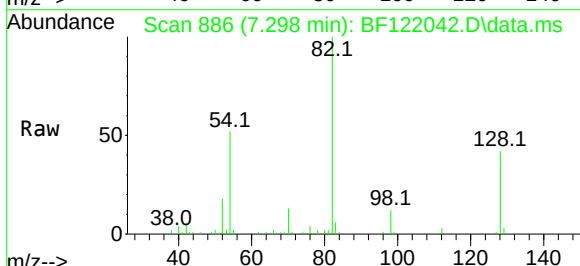
Delta R.T. -0.276 min

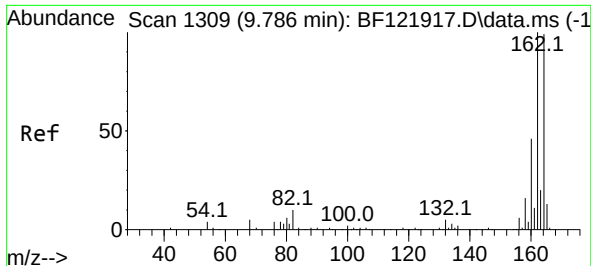
Lab File: BF122042.D

Acq: 20 Oct 2020 21:44

Tgt Ion: 82 Resp: 82390

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: BF122042.D

Acq: 20 Oct 2020 21:44

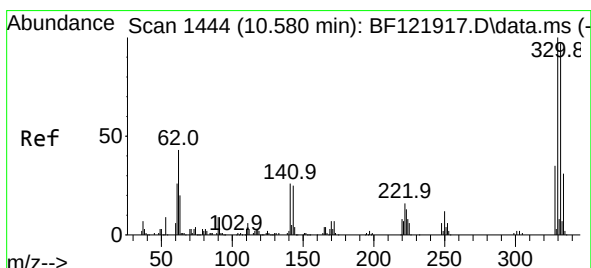
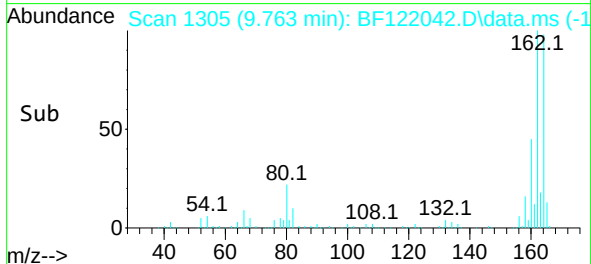
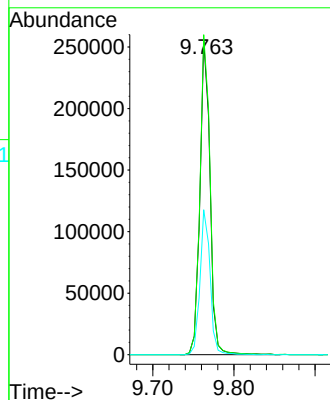
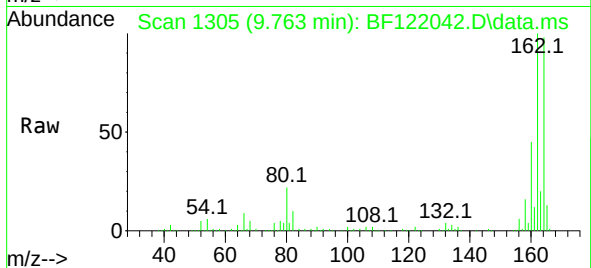
Tgt Ion:164 Resp: 221459

Ion Ratio Lower Upper

164 100

162 101.9 83.2 124.8

160 46.1 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 6.02 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF122042.D

Acq: 20 Oct 2020 21:44

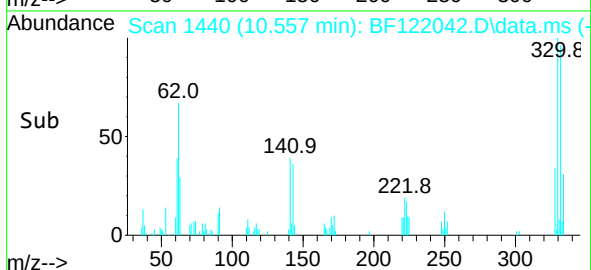
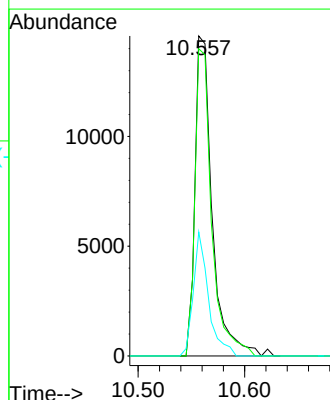
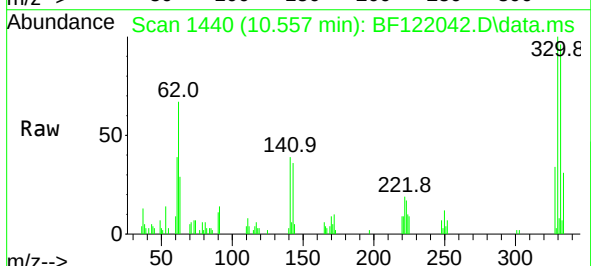
Tgt Ion:330 Resp: 16483

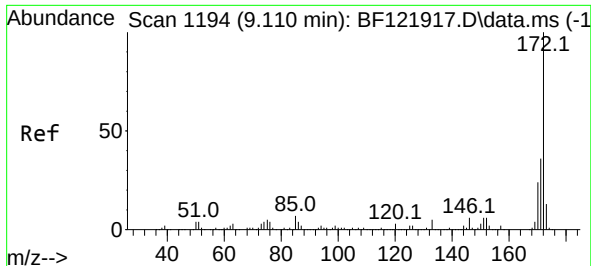
Ion Ratio Lower Upper

330 100

332 93.4 77.3 115.9

141 34.0 22.3 33.5#

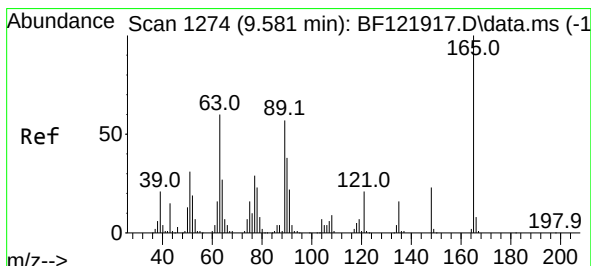
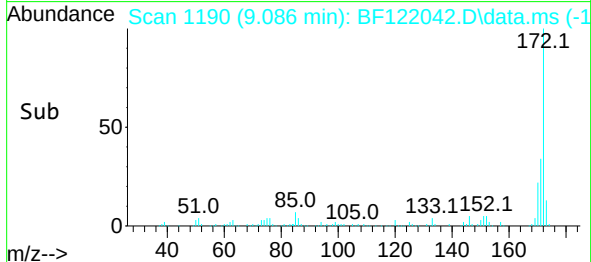
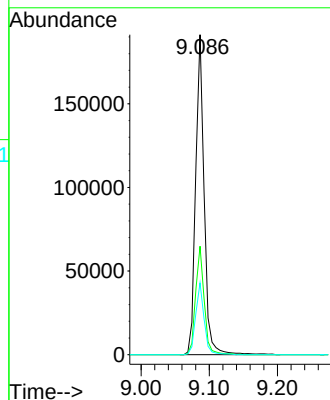
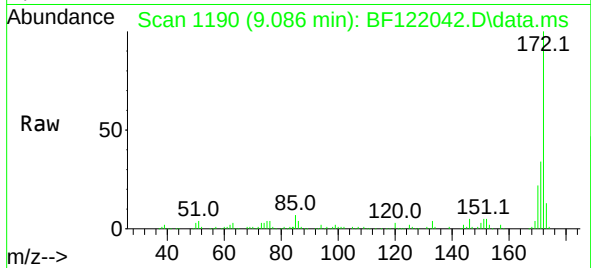




#45
2-Fluorobiphenyl
Concen: 11.05 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

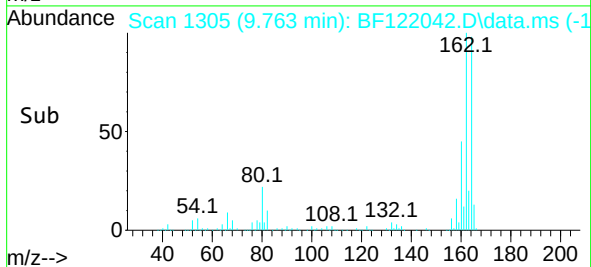
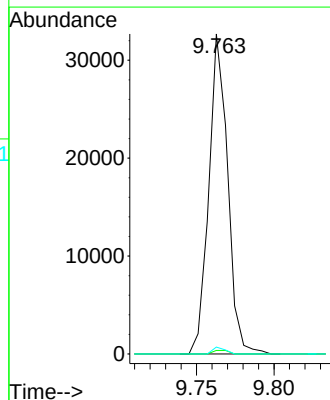
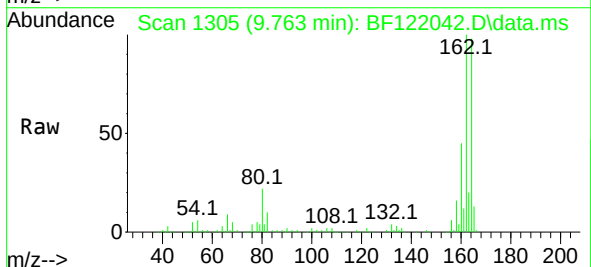
Instrument :
BNA_F
ClientSampled :
HP-627

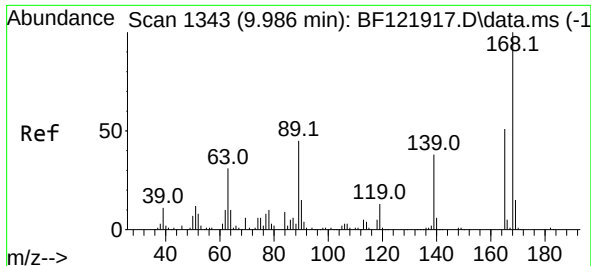
Tgt Ion:172 Resp: 166288
Ion Ratio Lower Upper
172 100
171 33.9 29.1 43.7
170 22.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.188 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

Tgt Ion:165 Resp: 27621
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 2.1 49.0 73.6#

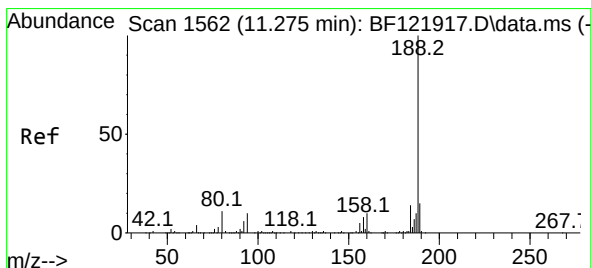
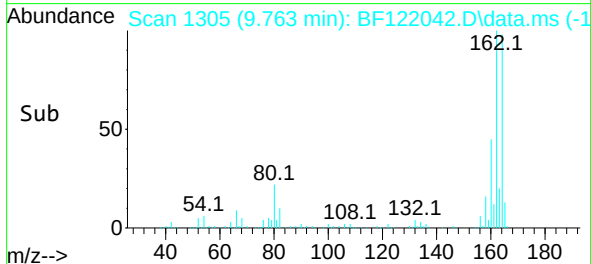
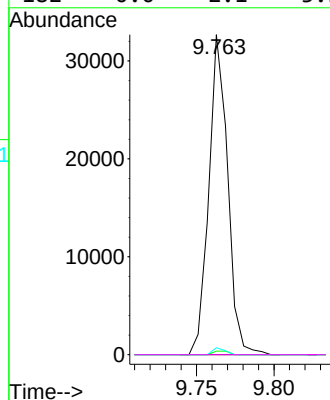
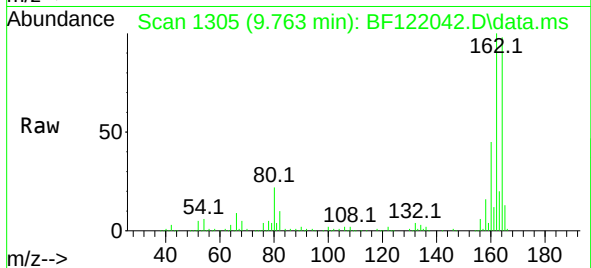




#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

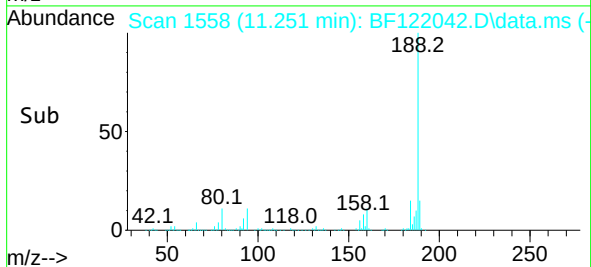
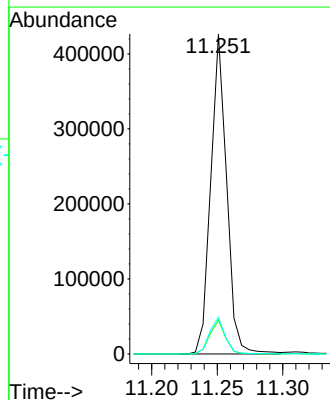
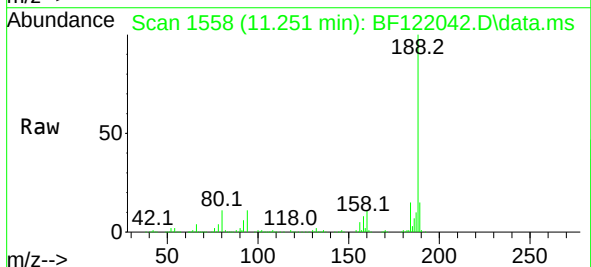
Instrument :
BNA_F
ClientSampleId :
HP-627

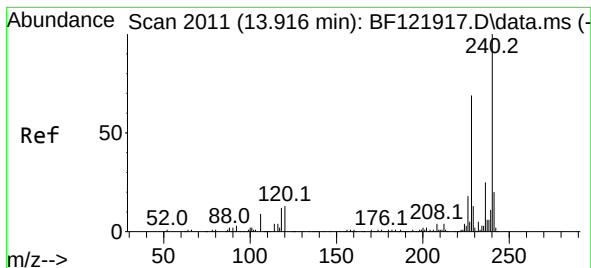
Tgt Ion:	165	Resp:	27621
Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.3	61.9#
89	2.1	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

Tgt Ion:	188	Resp:	361151
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.5	9.1	13.7

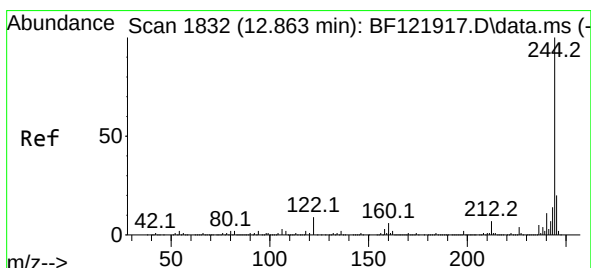
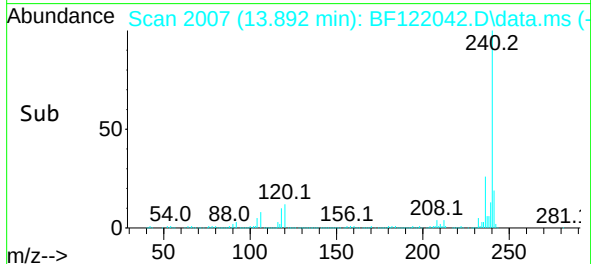
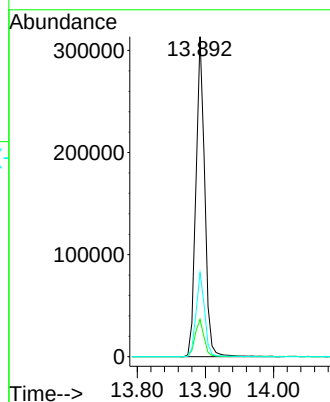
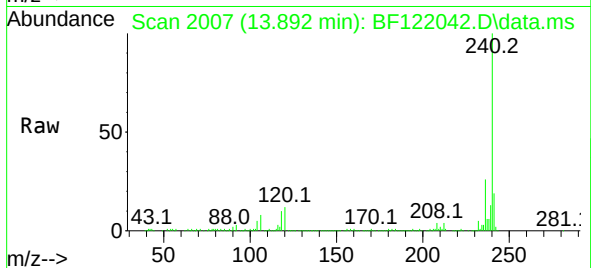




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

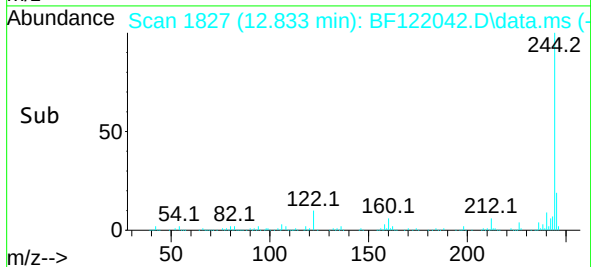
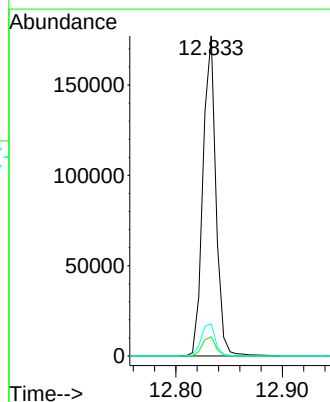
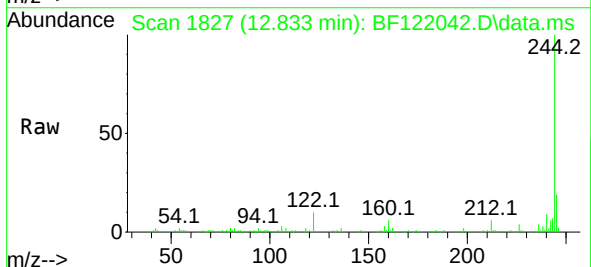
Instrument :
BNA_F
ClientSampleId :
HP-627

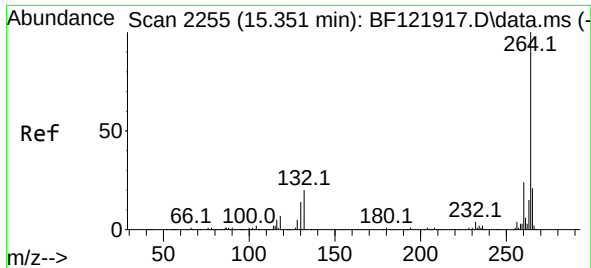
Tgt Ion:240 Resp: 280122
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 10.23 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

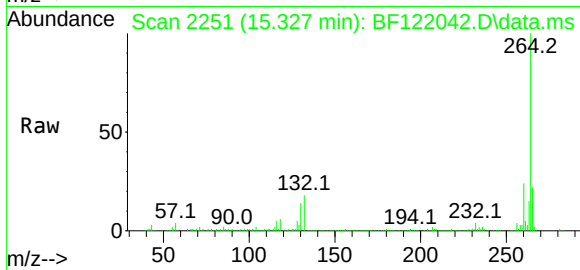
Tgt Ion:244 Resp: 150363
Ion Ratio Lower Upper
244 100
212 6.0 5.4 8.2
122 10.1 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122042.D
Acq: 20 Oct 2020 21:44

Instrument :
BNA_F
ClientSampleId :
HP-627



Tgt Ion:264 Resp: 285126
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 17.3 25.9

