

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114958.D
 Acq On : 11 Jun 2019 22:01
 Operator : HP/JU
 Sample : K3265-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:33:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225024	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	864360	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	408201	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	747224	20.00	ng	0.00
76) Chrysene-d12	13.78	240	568671	20.00	ng	-0.01
87) Perylene-d12	15.16	264	535916	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1347301	101.33	ng	0.00
7) Phenol-d6	6.30	99	1676821	104.56	ng	0.00
23) Nitrobenzene-d5	7.22	82	958028	68.10	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	410927	92.54	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1650894	64.19	ng	0.00
79) Terphenyl-d14	12.75	244	1502039	52.53	ng	0.00

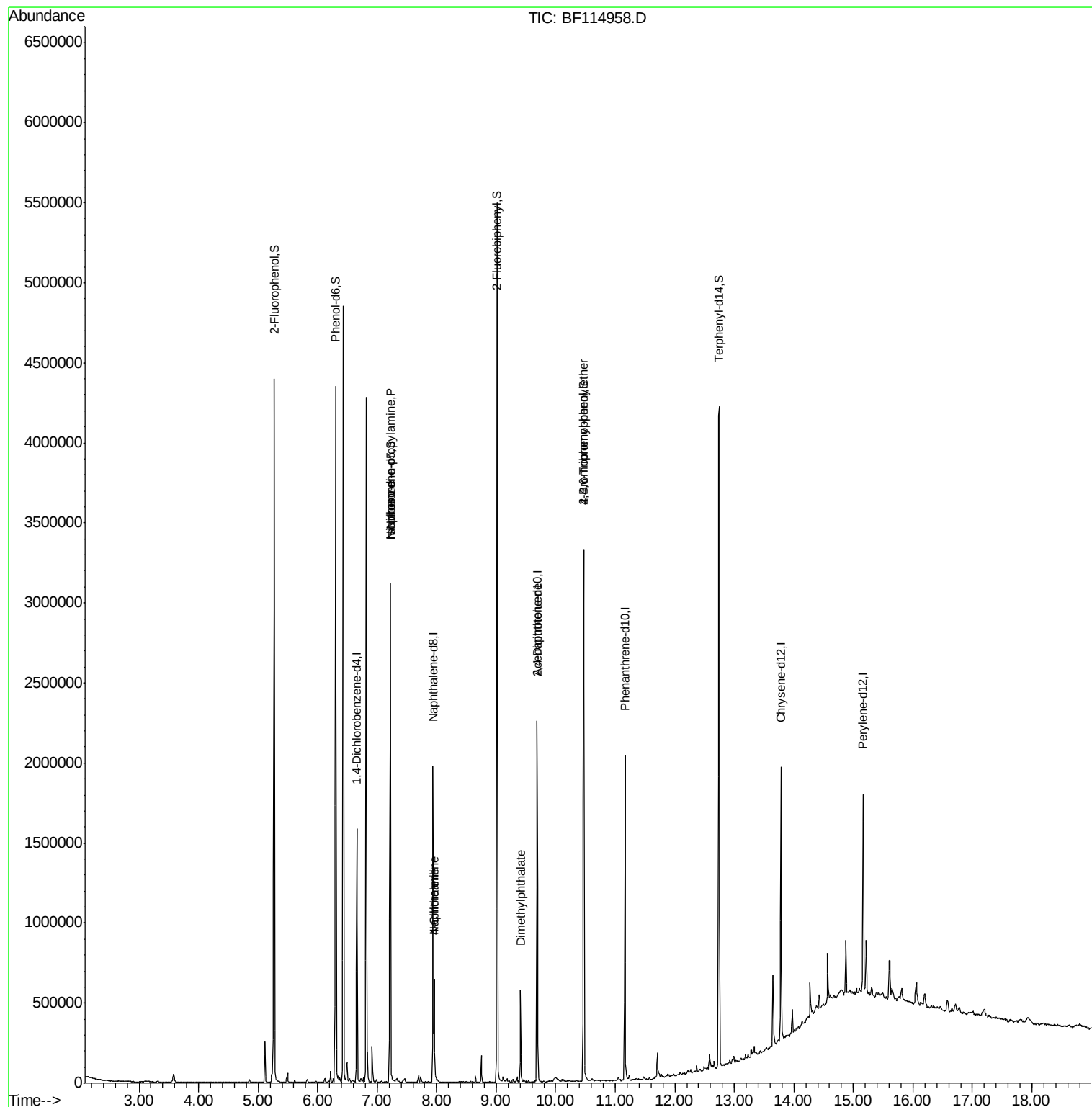
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	125772	12.541	ng	# 76
25) Isophorone	7.22	82	943857	34.262	ng	# 62
31) Naphthalene	7.96	128	296000	7.432	ng	# 96
33) 4-Chloroaniline	7.96	127	38185	2.032	ng	# 34
50) Dimethylphthalate	9.41	163	242141	7.892	ng	# 97
57) 2,4-Dinitrotoluene	9.69	165	54761	6.148	ng	# 26
67) 4-Bromophenyl-phenylether	10.47	248	26604	3.287	ng	# 1

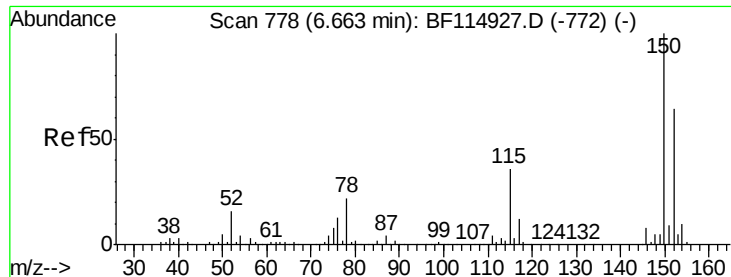
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



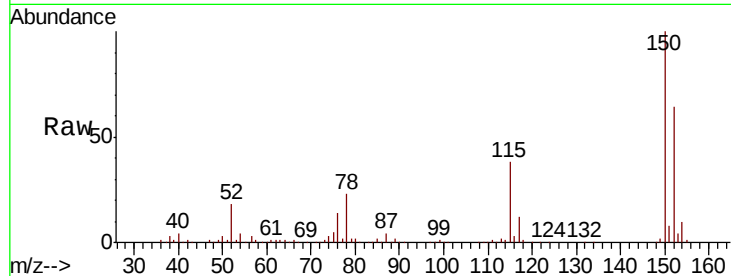


#1

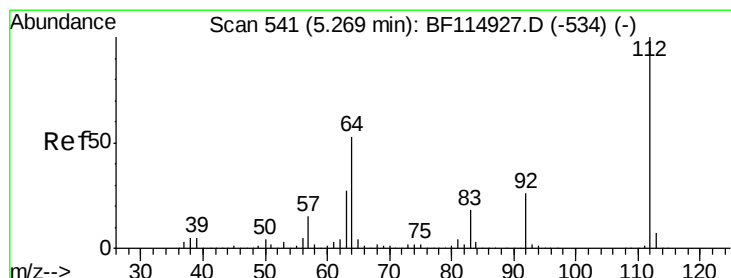
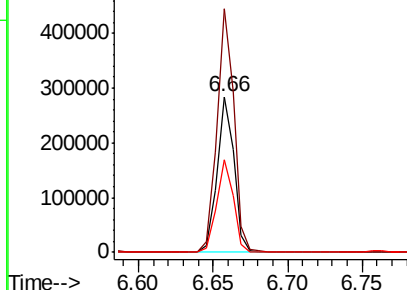
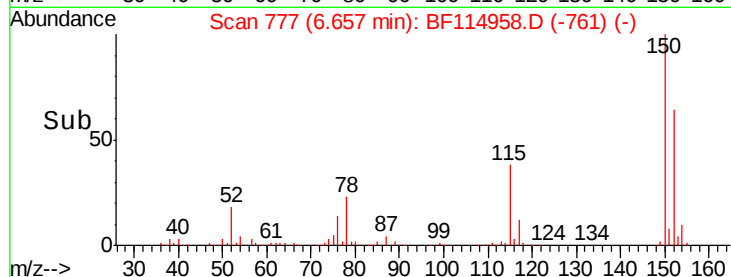
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 225024
Ion Ratio Lower Upper
152 100
150 156.2 125.2 187.8
115 59.1 45.0 67.4



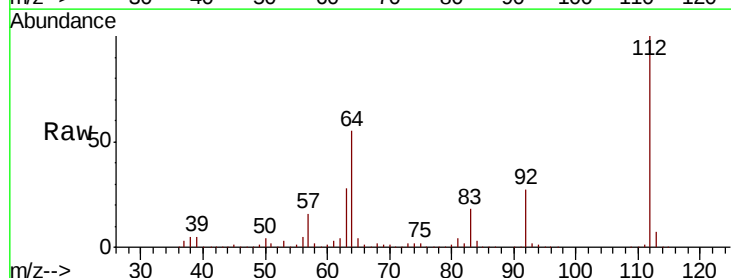
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



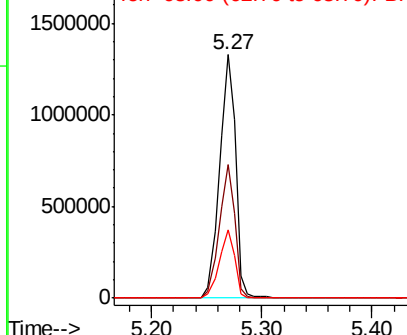
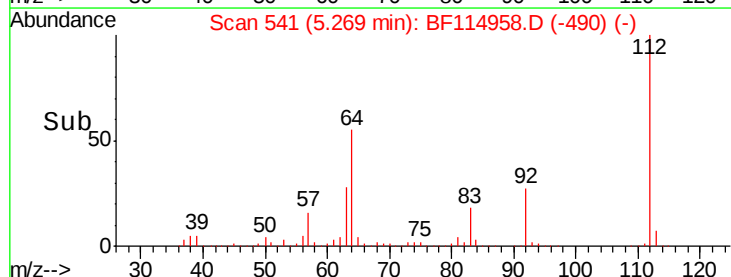
#5

2-Fluorophenol
Concen: 101.331 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion:112 Resp: 1347301
Ion Ratio Lower Upper
112 100
64 55.1 42.1 63.1
63 28.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.556 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Instrument :

BNA_F

ClientSampleId :

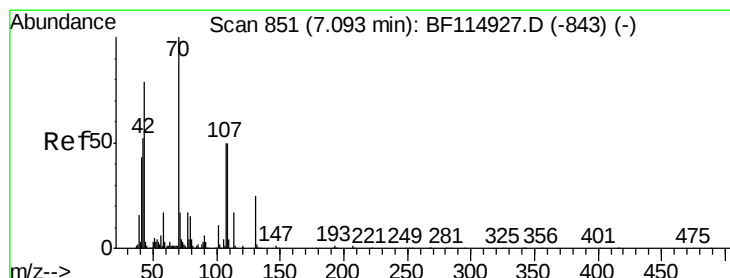
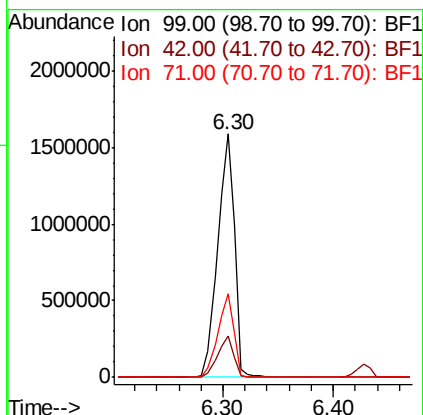
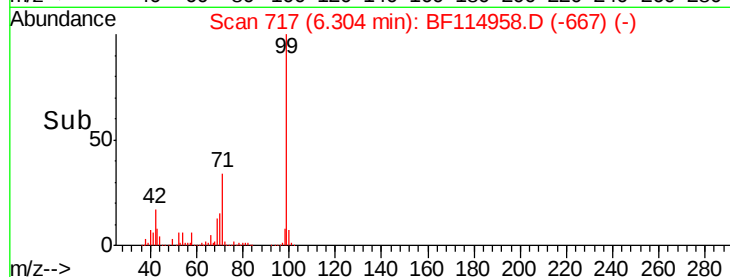
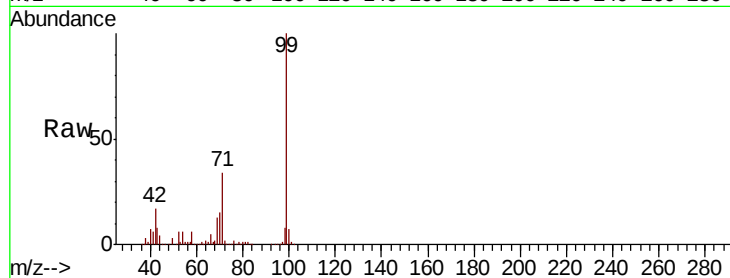
Tot Ion: 99 Resp: 1676821

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 34.3 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.541 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Tgt Ion: 70 Resp: 125772

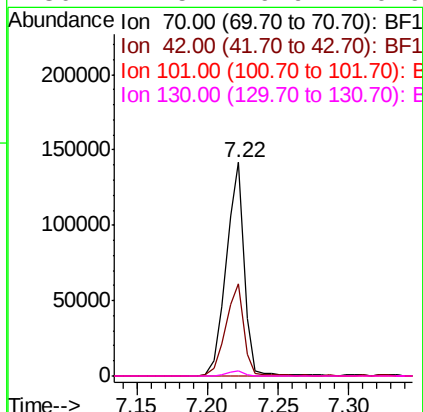
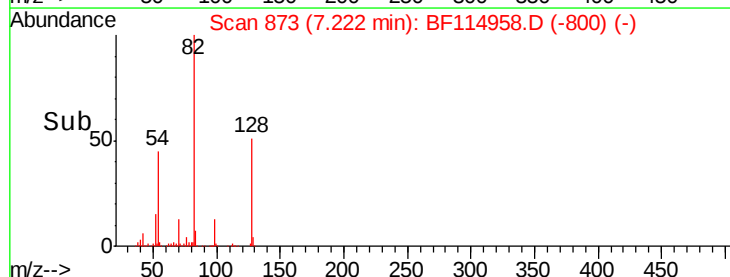
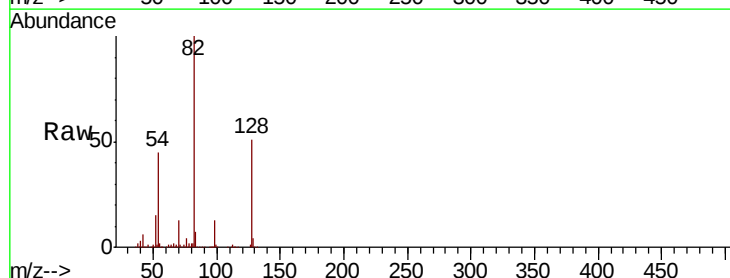
Ion Ratio Lower Upper

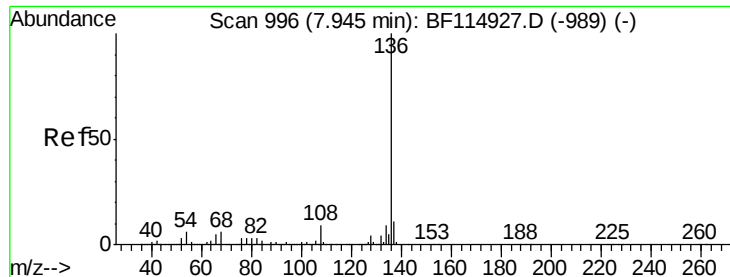
70 100

42 43.2 41.7 62.5

101 0.0 8.4 12.6#

130 2.5 19.9 29.9#

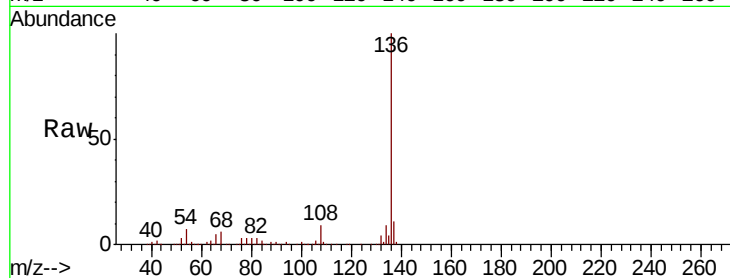




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	864360	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.6	
54 6.7	5.2	7.8	
68 5.9	4.6	7.0	



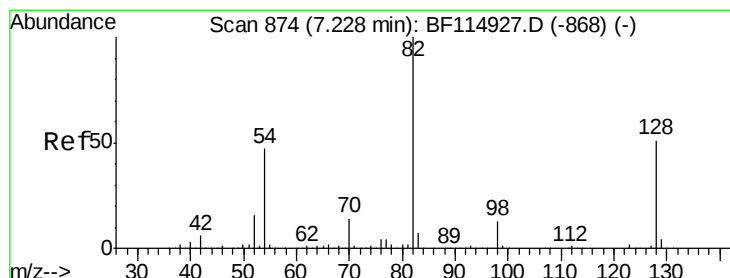
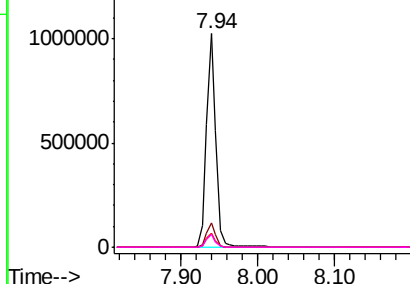
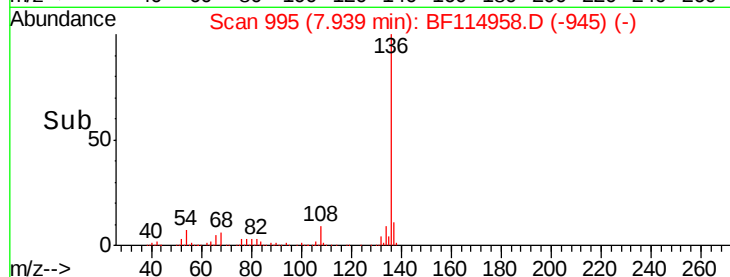
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

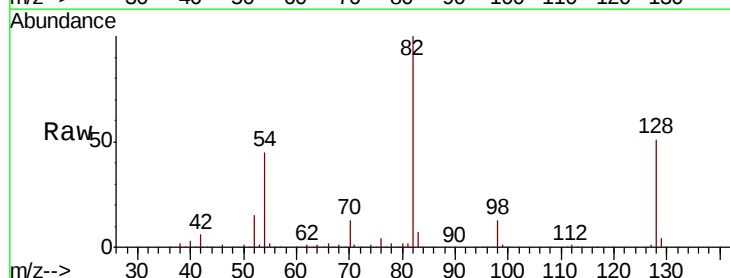
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 68.100 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion: 82	Resp: 958028
Ion Ratio	Lower Upper
82 100	
128 51.4	40.9 61.3
54 45.0	37.4 56.0

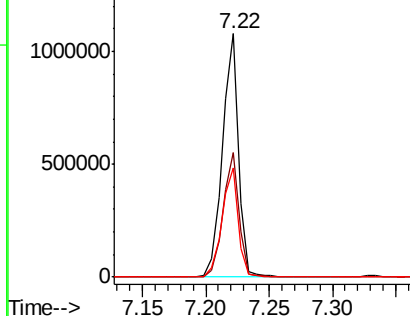
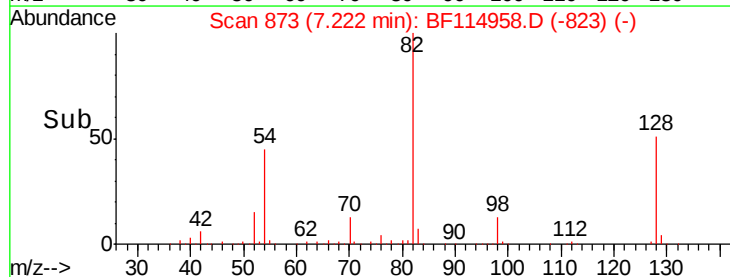


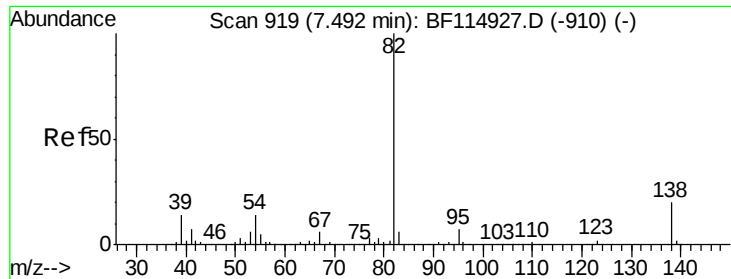
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

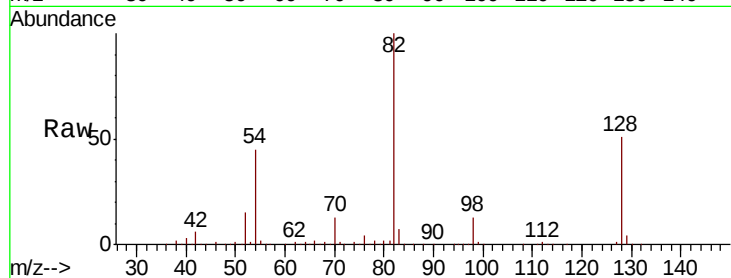




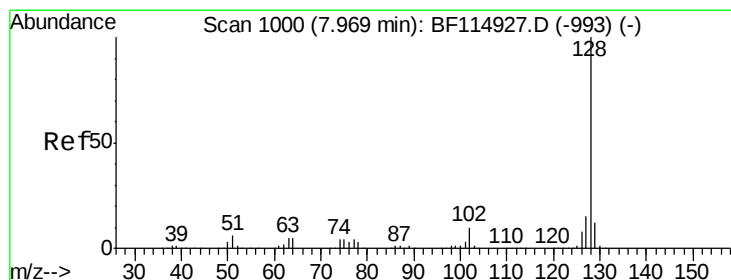
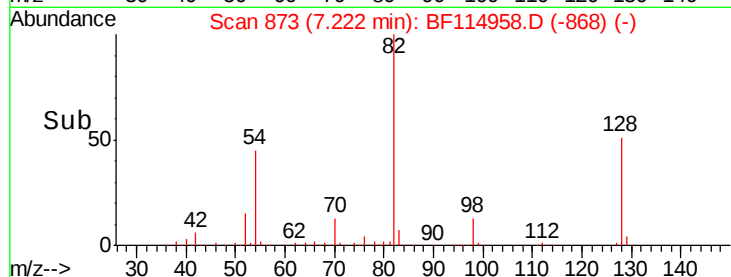
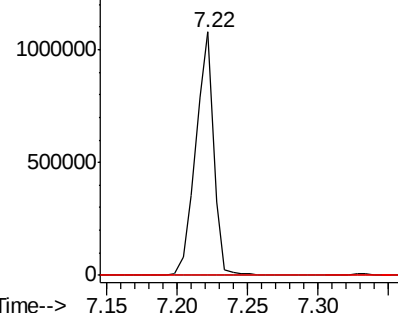
#25
Isophorone
Concen: 34.262 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.27 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 943857
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.4 24.6#

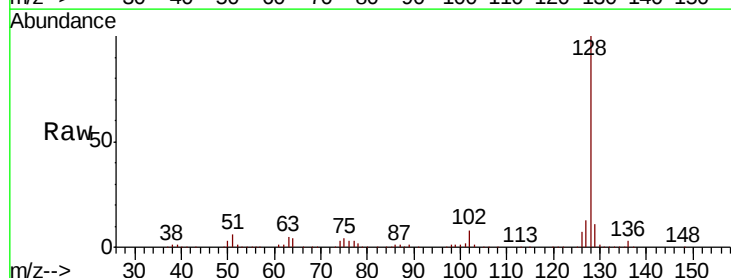


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

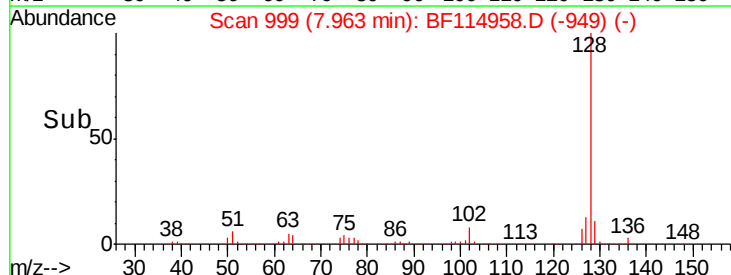
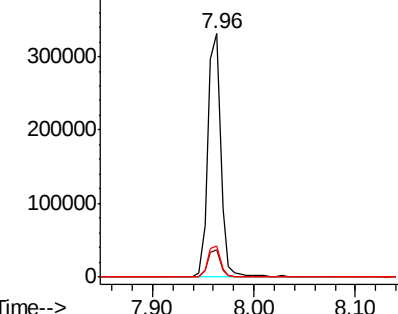


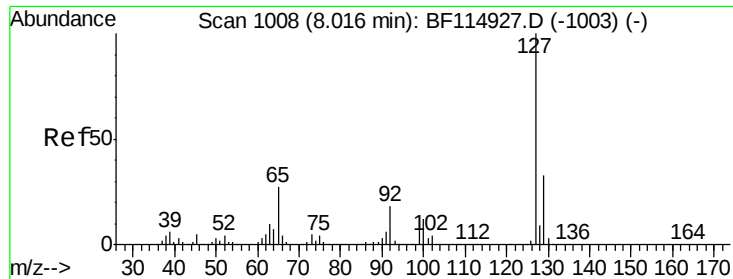
#31
Naphthalene
Concen: 7.432 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion: 128 Resp: 296000
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 13.0 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

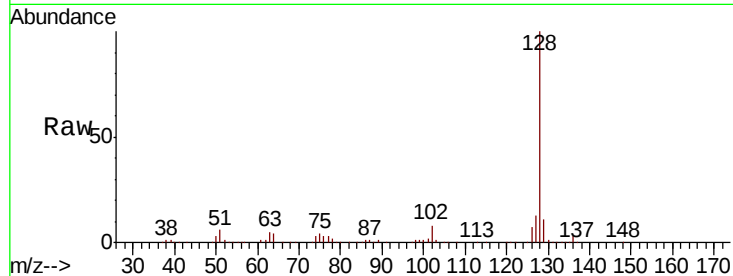




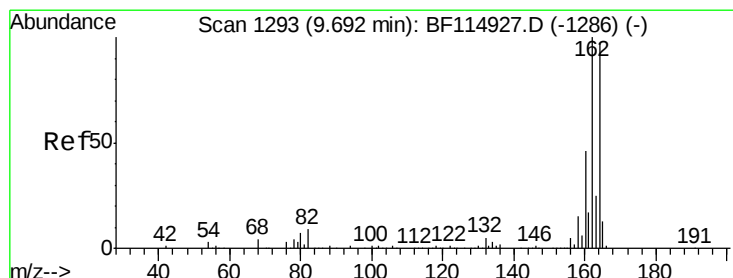
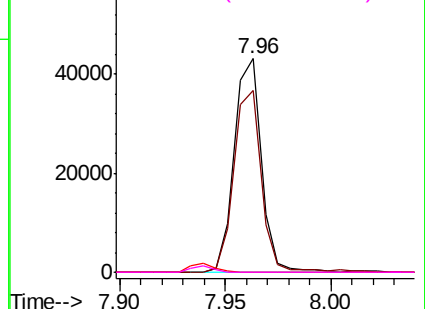
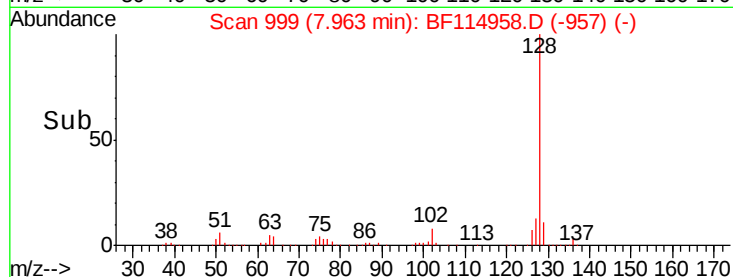
#33
4-Chloroaniline
Concen: 2.032 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	38185
Ion	Ratio	Lower	Upper
127	100		
129	85.1	26.6	40.0#
65	0.0	21.5	32.3#
92	0.0	14.7	22.1#

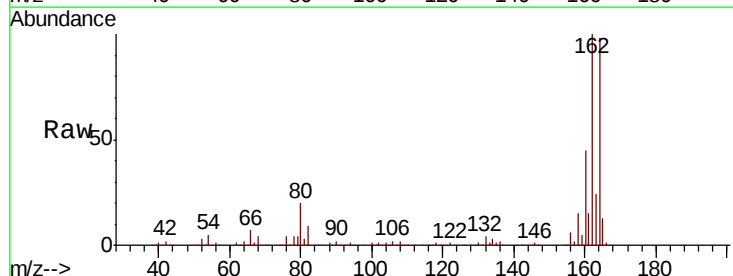


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

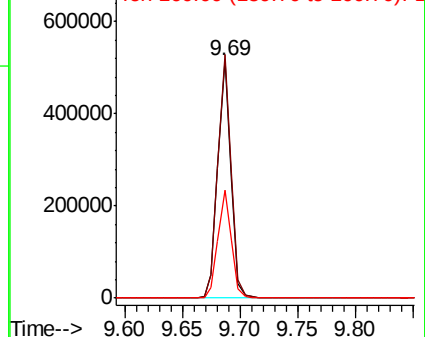
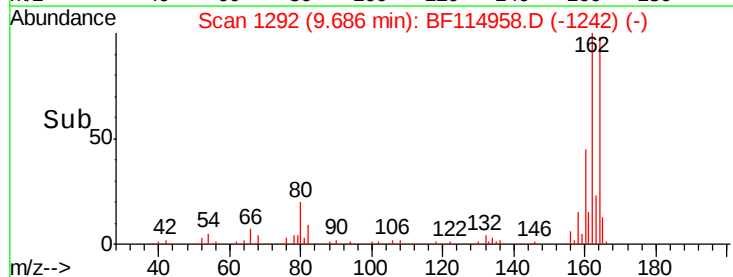


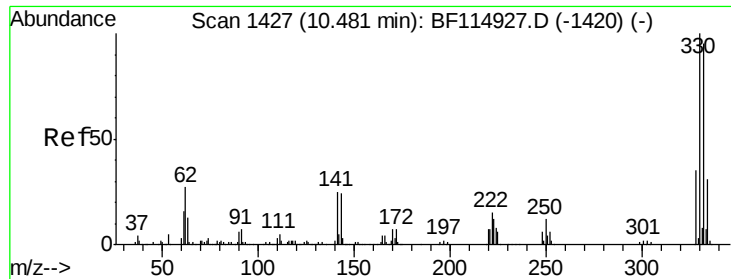
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion:	164	Resp:	408201
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	45.6	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 92.542 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Instrument :

BNA_F

ClientSampled :

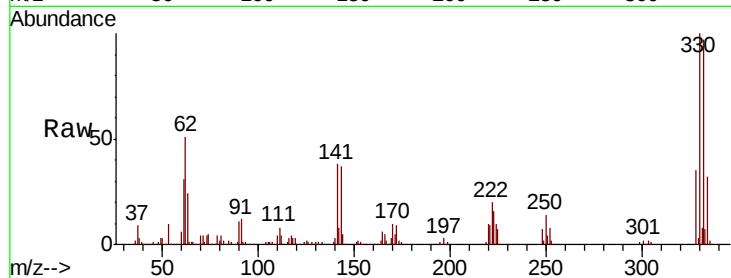
Tot Ion:330 Resp: 410927

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

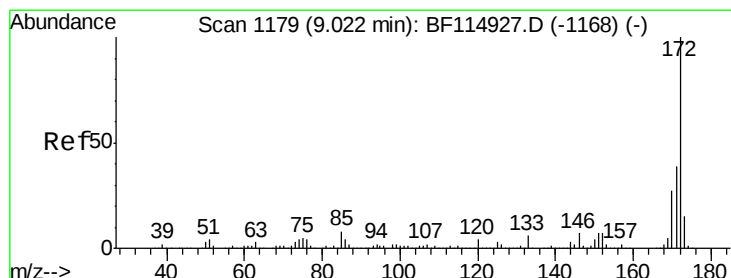
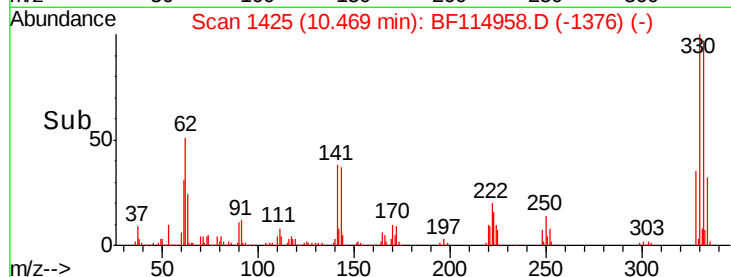
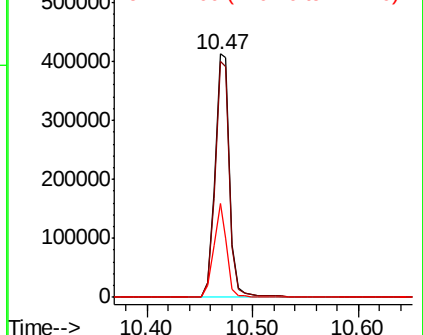
141 34.1 26.8 40.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 64.186 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

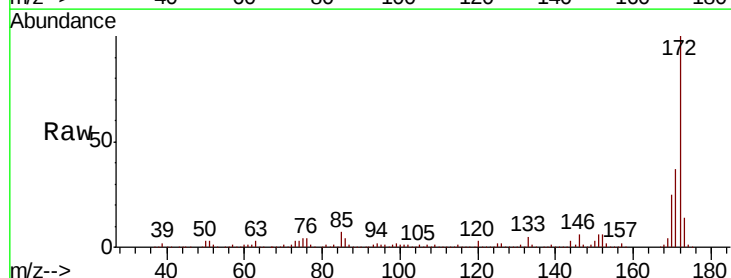
Tgt Ion:172 Resp: 1650894

Ion Ratio Lower Upper

172 100

171 37.1 31.3 46.9

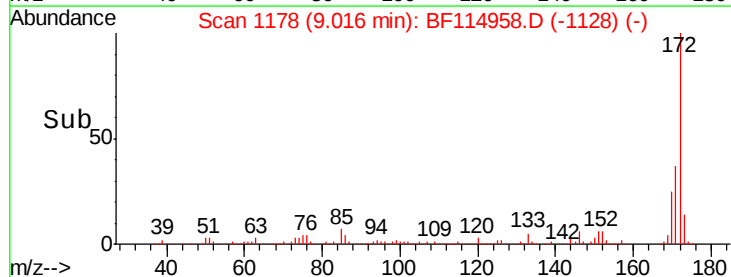
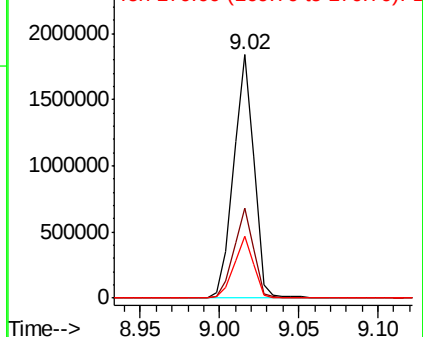
170 25.2 21.4 32.0

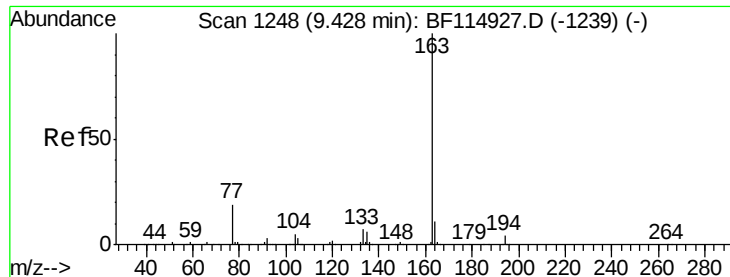


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

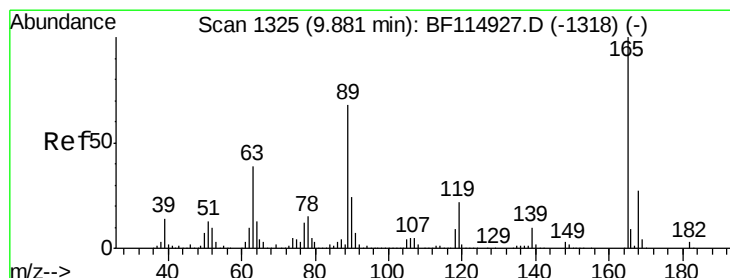
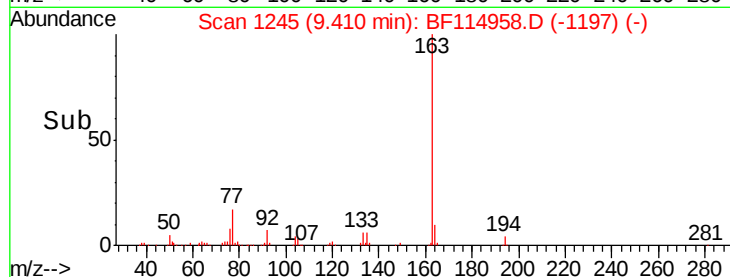
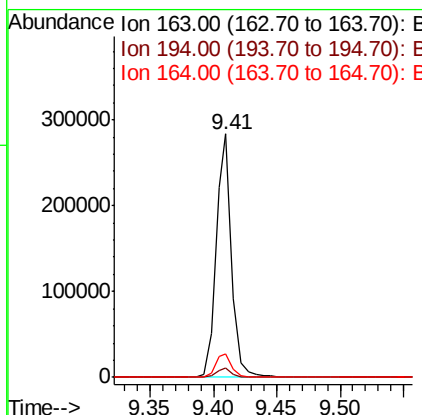
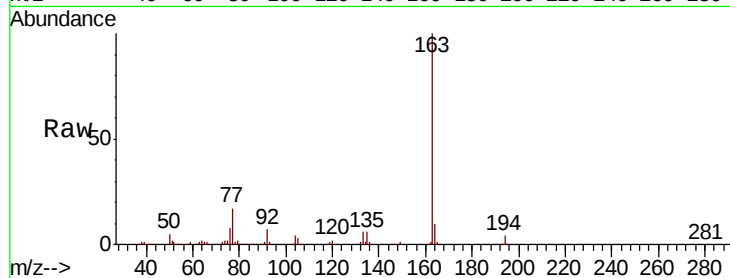




#50
Dimethylphthalate
Concen: 7.892 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

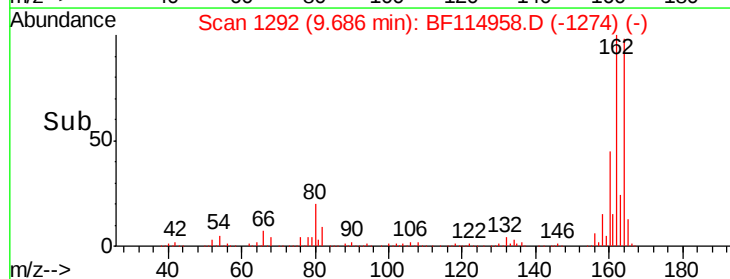
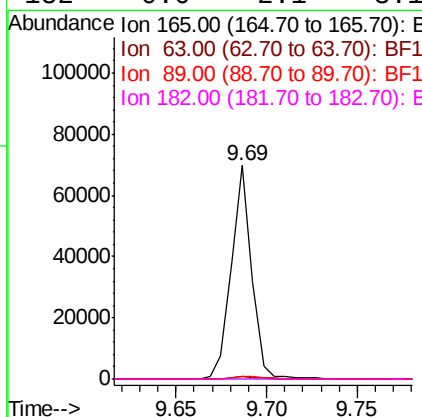
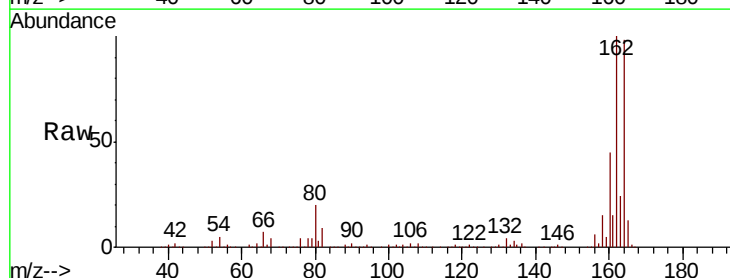
Instrument :
BNA_F
ClientSampleId :

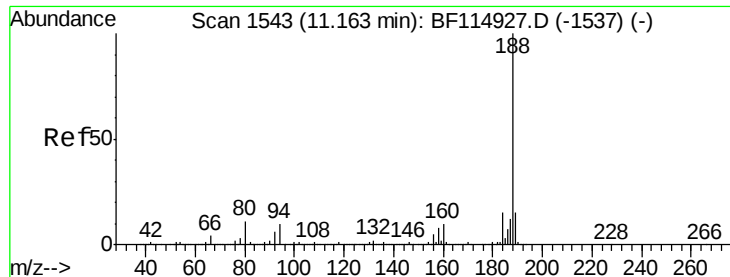
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.6	8.7	13.1



#57
2,4-Dinitrotoluene
Concen: 6.148 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.19 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	31.8	47.6#
89	1.4	54.2	81.2#
182	0.0	2.1	3.1#

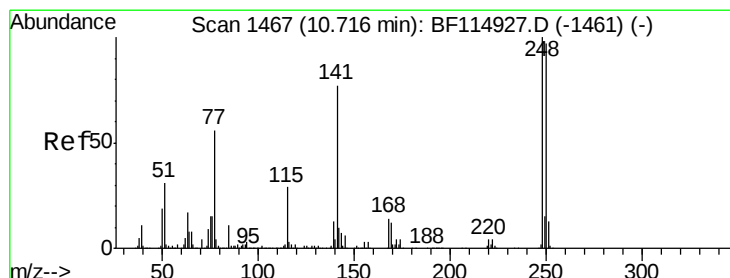
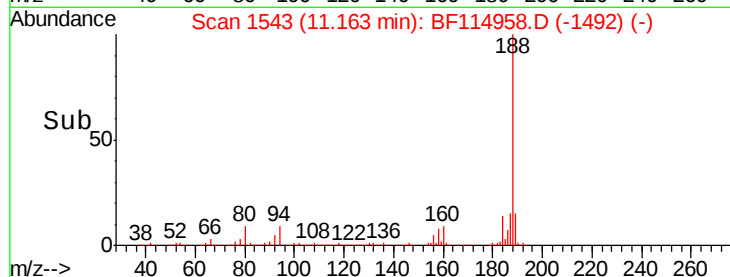
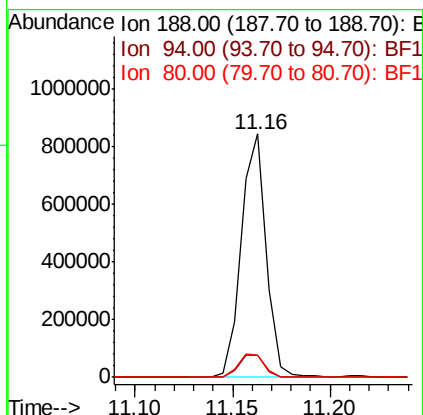
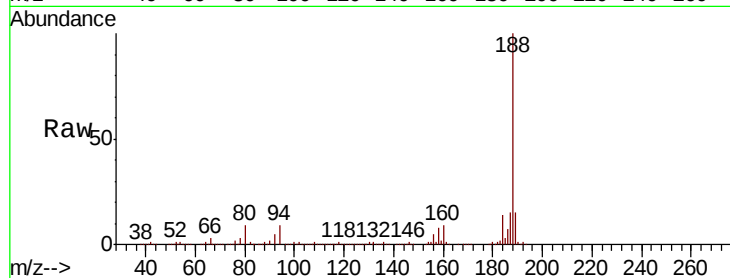




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

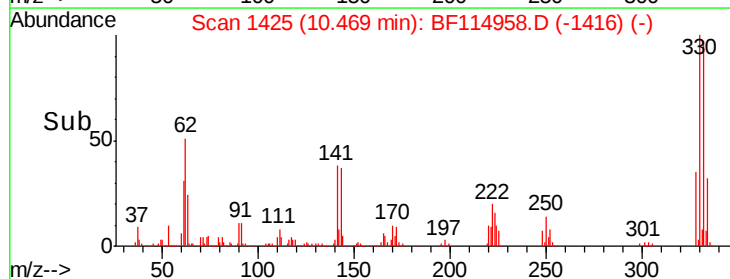
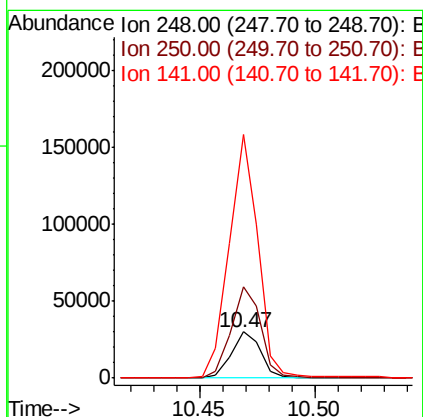
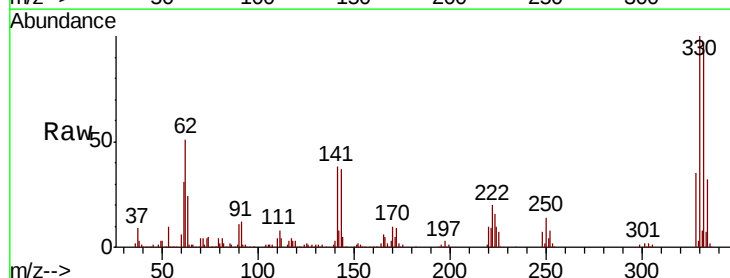
Instrument :
BNA_F
ClientSampled :

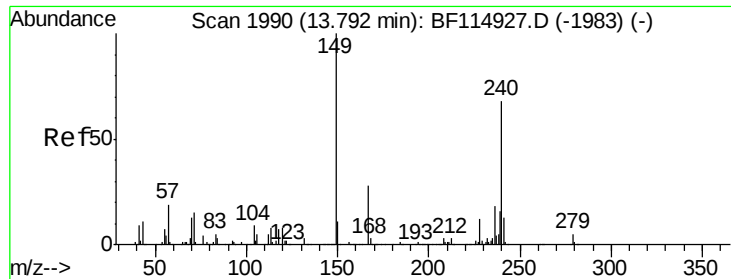
Tot Ion:188 Resp: 747224
Ion Ratio Lower Upper
188 100
94 8.9 8.1 12.1
80 9.3 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.287 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion:248 Resp: 26604
Ion Ratio Lower Upper
248 100
250 199.2 77.4 116.0#
141 530.5 61.8 92.6#

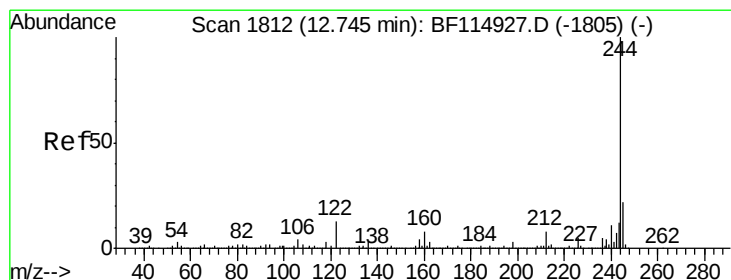
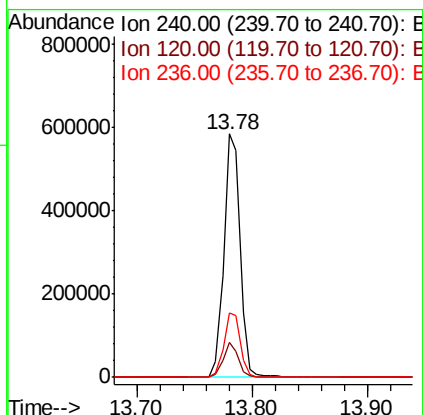
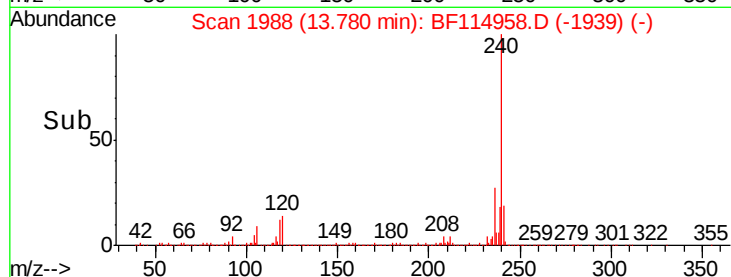
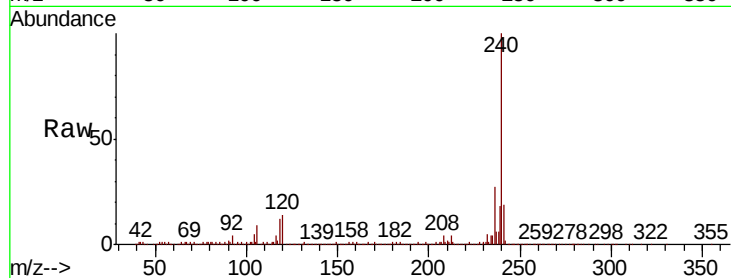




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF114958.D
 Acq: 11 Jun 2019 22:01

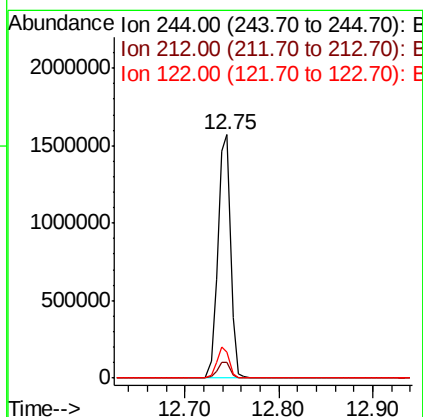
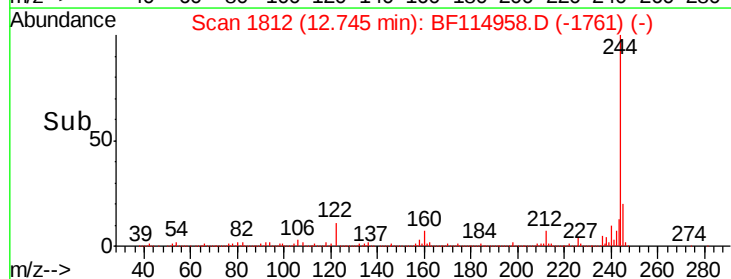
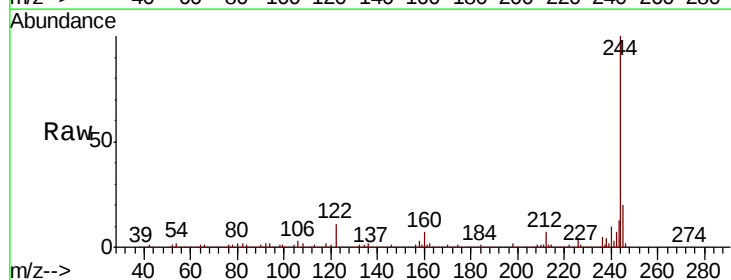
Instrument :
 BNA_F
 ClientSampleId :

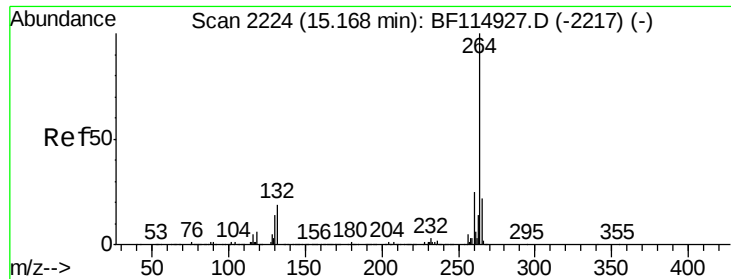
Tot Ion:240 Resp: 568671
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.2 13.8#
 236 26.7 21.7 32.5



#79
 Terphenyl-d14
 Concen: 52.528 ng
 RT: 12.75 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF114958.D
 Acq: 11 Jun 2019 22:01

Tgt Ion:244 Resp: 1502039
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 10.6 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.2	19.7	29.5	
265	22.6	17.5	26.3	

