

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110732.D
 Acq On : 13 Nov 2018 21:16
 Operator : JU/SJ
 Sample : J5908-11 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-4-S

Quant Time: Nov 14 04:30:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90504	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	360051	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	143855	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	226473	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183198	20.00	ng	-0.01
87) Perylene-d12	15.66	264	133588	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	283652	50.91	ng	0.00
7) Phenol-d6	6.56	99	362071	50.82	ng	-0.01
23) Nitrobenzene-d5	7.50	82	224740	35.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	64345	44.39	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	390664	38.78	ng	0.00
79) Terphenyl-d14	13.06	244	272764	27.88	ng	-0.01

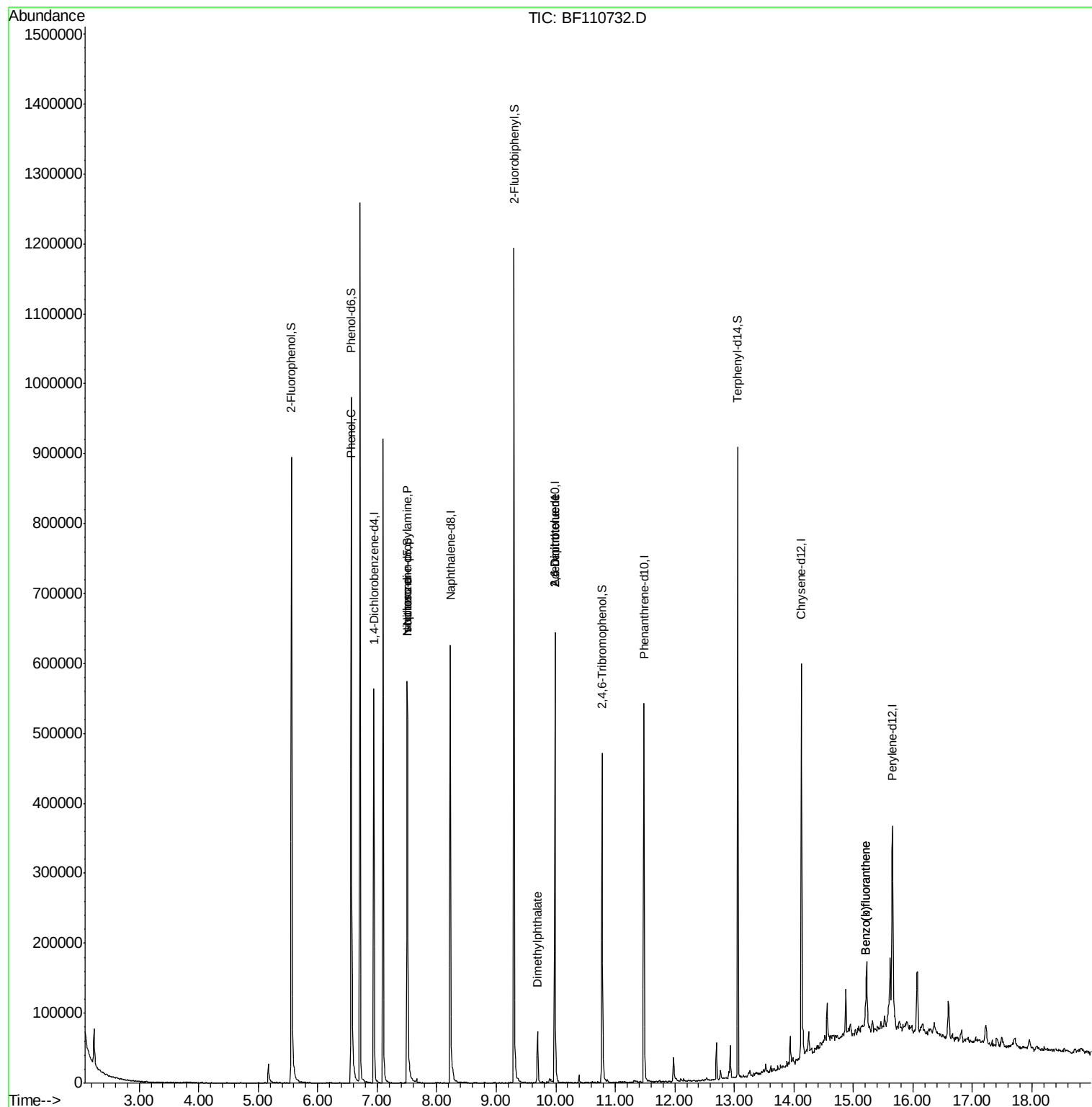
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	329	Below Cal		# 1
10) Phenol	6.57	94	16876	2.043	ng	# 90
19) n-Nitroso-di-n-propylamine	7.50	70	28901	6.354	ng	# 82
25) Isophorone	7.50	82	224738	21.932	ng	# 67
50) Dimethylphthalate	9.69	163	36515	3.402	ng	# 99
51) 2,6-Dinitrotoluene	9.98	165	18386	7.786	ng	# 22
57) 2,4-Dinitrotoluene	9.98	165	18386	5.989	ng	# 18
88) Benzo(b)fluoranthene	15.20	252	22901	2.866	ng	# 90
89) Benzo(k)fluoranthene	15.20	252	22901	2.900	ng	# 90

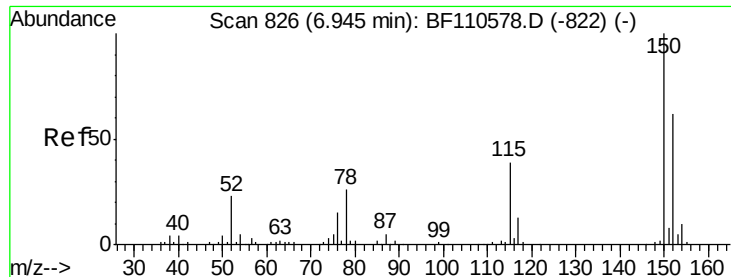
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Quant Time: Nov 14 04:30:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



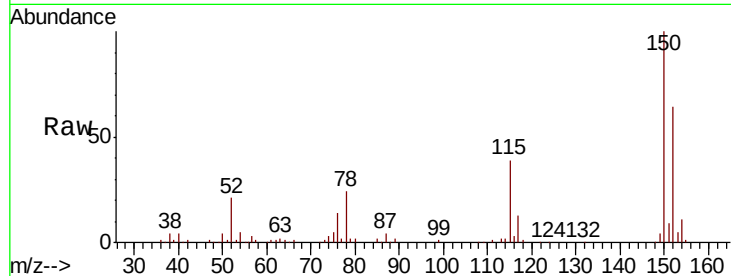


#1

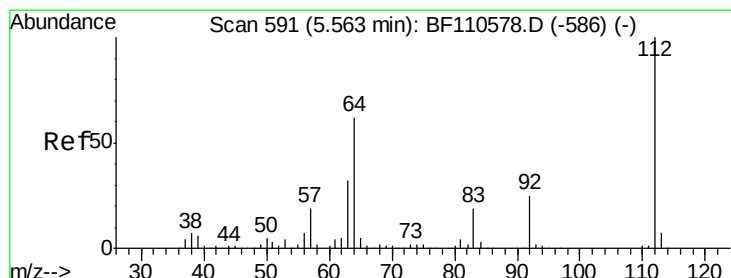
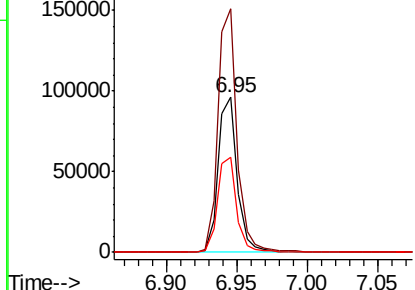
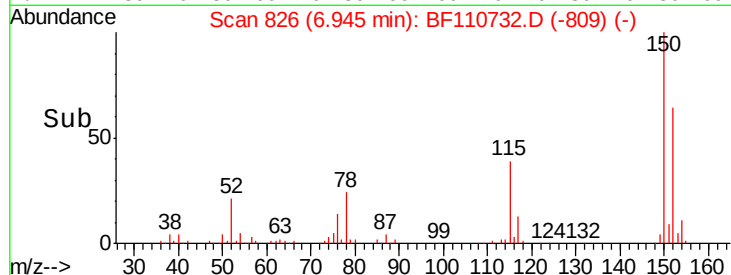
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110732.D
 Acq: 13 Nov 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SR-4-S

Tgt Ion:152 Resp: 90504
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.7 184.1
 115 61.4 49.1 73.7



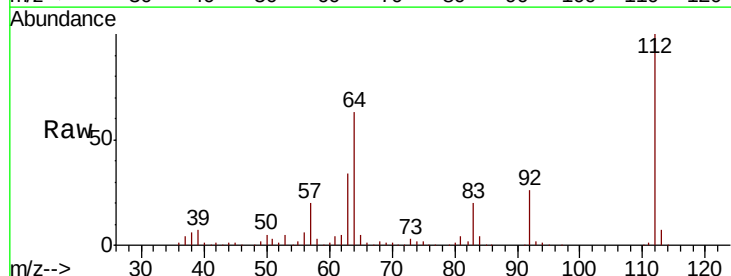
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



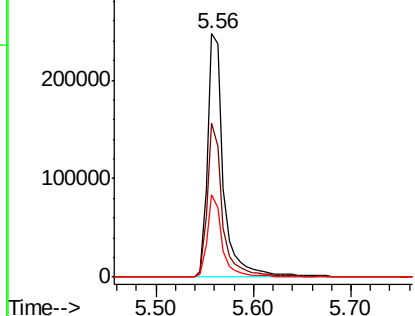
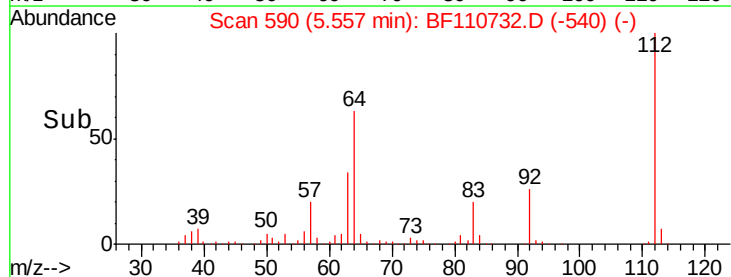
#5

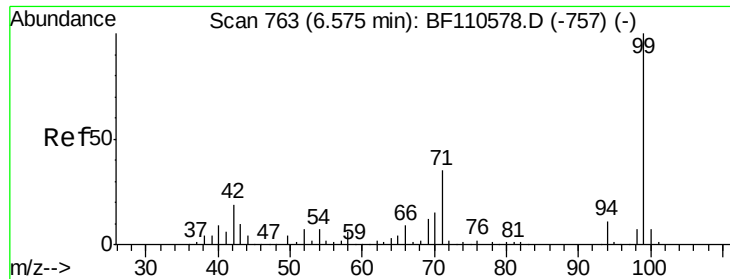
2-Fluorophenol
 Concen: 50.908 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110732.D
 Acq: 13 Nov 2018 21:16

Tgt Ion:112 Resp: 283652
 Ion Ratio Lower Upper
 112 100
 64 63.3 44.1 66.1
 63 33.6 23.7 35.5



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: 50.817 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

Instrument :

BNA_F

ClientSampleId :

SR-4-S

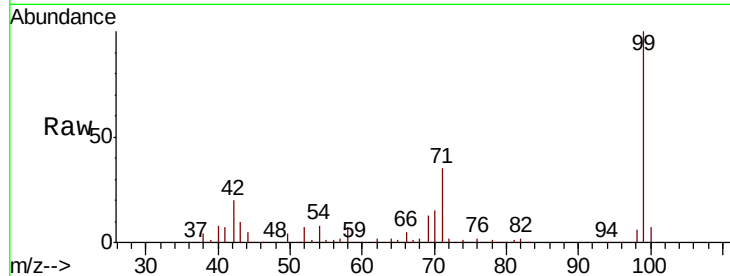
Tgt Ion: 99 Resp: 362071

Ion Ratio Lower Upper

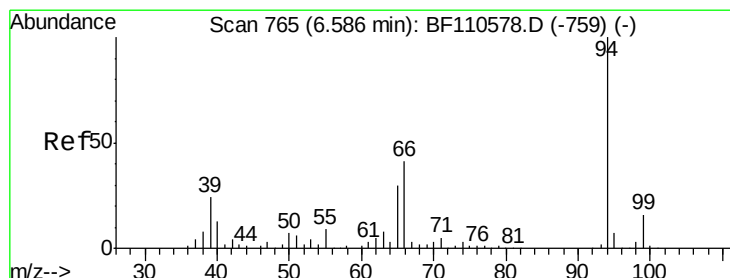
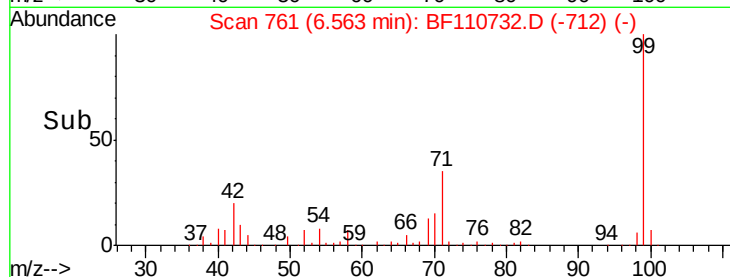
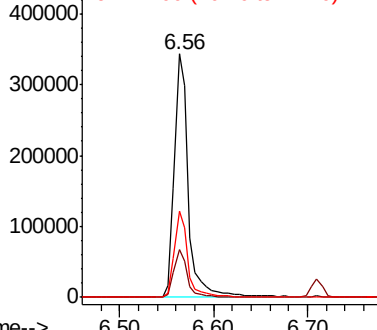
99 100

42 19.6 15.8 23.6

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.043 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

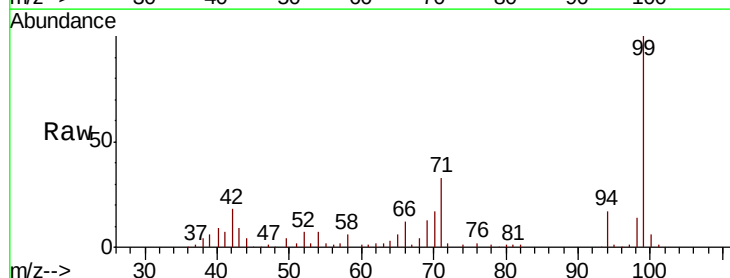
Tgt Ion: 94 Resp: 16876

Ion Ratio Lower Upper

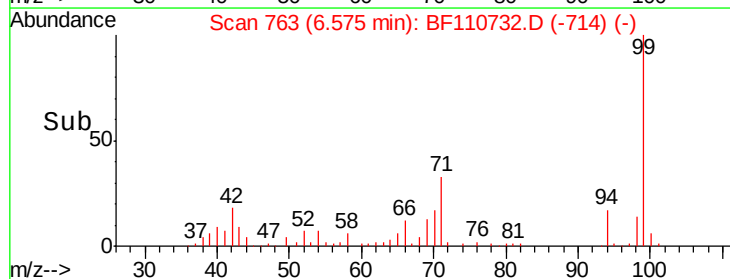
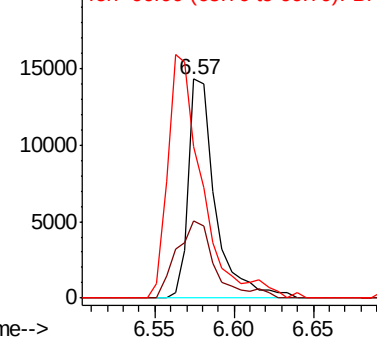
94 100

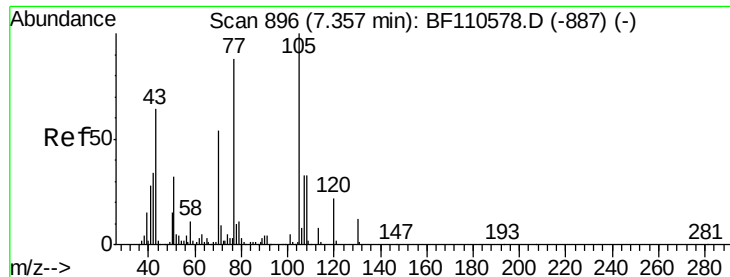
65 35.2 25.3 65.3

66 69.4 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

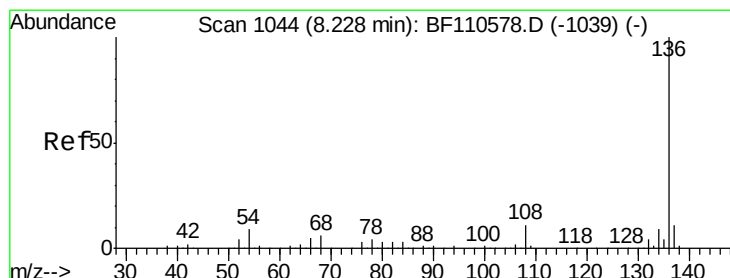
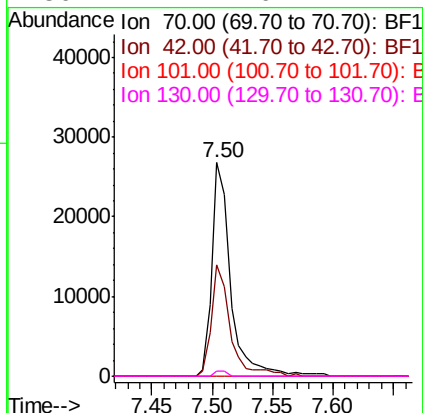
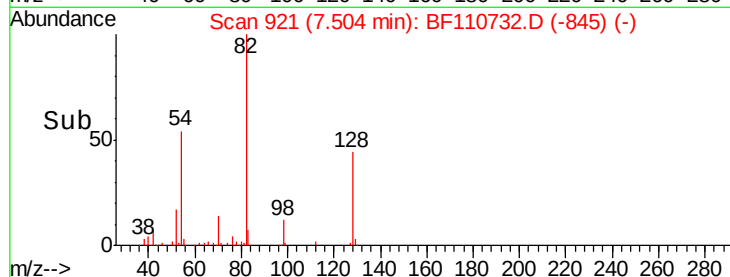
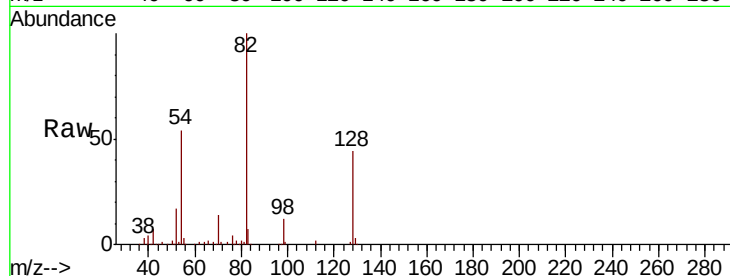




#19
n-Nitroso-di-n-propylamine
Concen: 6.354 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

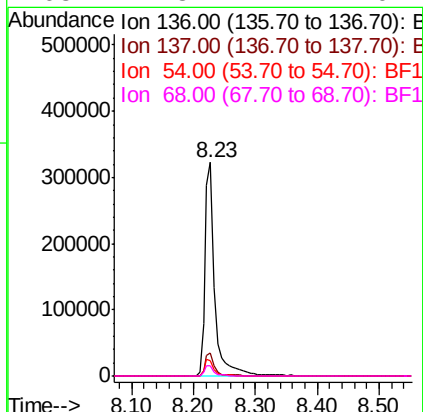
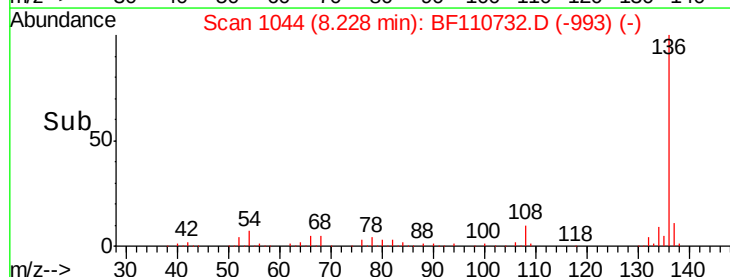
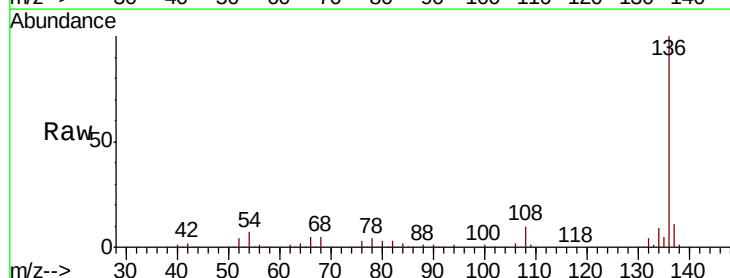
Instrument :
BNA_F
ClientSampleId :
SR-4-S

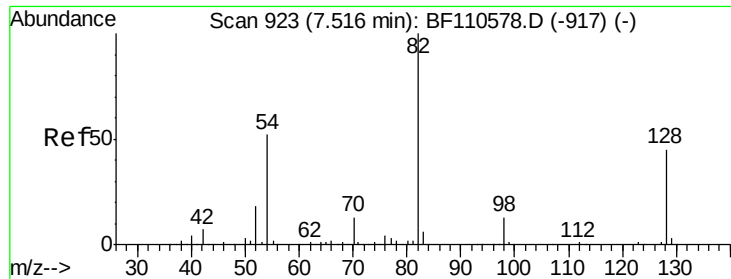
Tgt Ion: 70 Resp: 28901
Ion Ratio Lower Upper
70 100
42 52.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion: 136 Resp: 360051
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 5.4 8.2
68 4.8 4.2 6.2

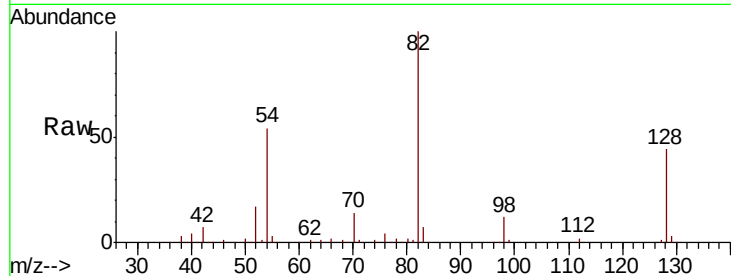




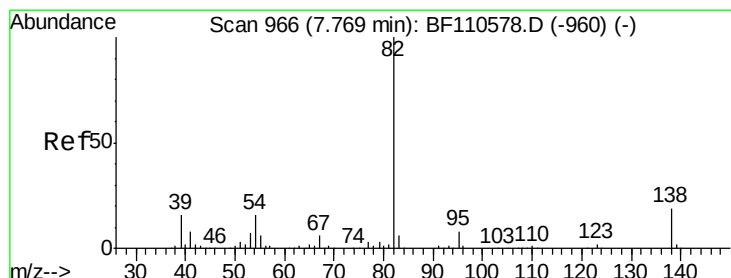
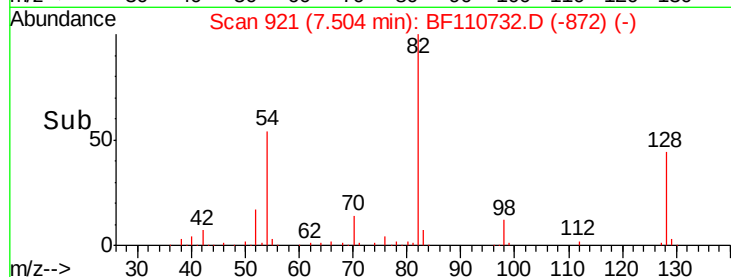
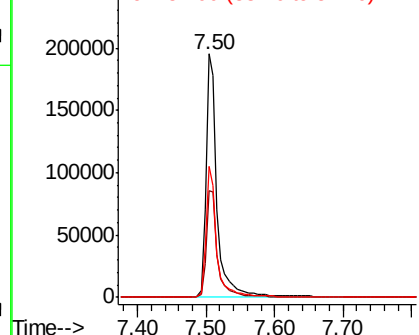
#23
 Nitrobenzene-d5
 Concen: 35.947 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110732.D
 Acq: 13 Nov 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SR-4-S

Tgt Ion: 82 Resp: 224740
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.2 51.2
 54 54.0 38.6 58.0

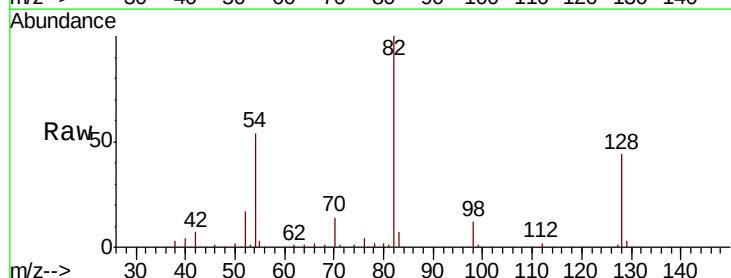


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

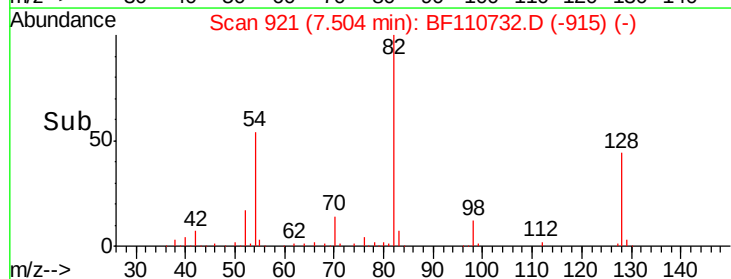
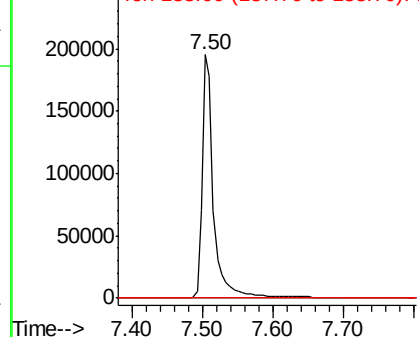


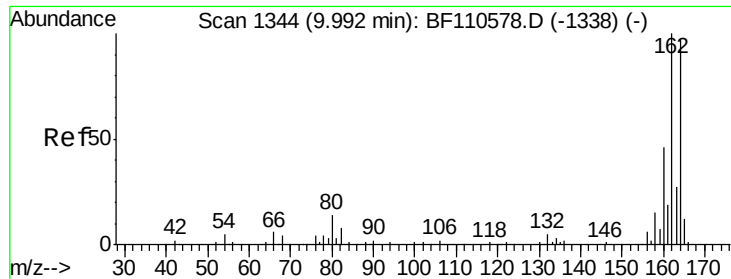
#25
 Isophorone
 Concen: 21.932 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110732.D
 Acq: 13 Nov 2018 21:16

Tgt Ion: 82 Resp: 224738
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

Instrument :

BNA_F

ClientSampleId :

SR-4-S

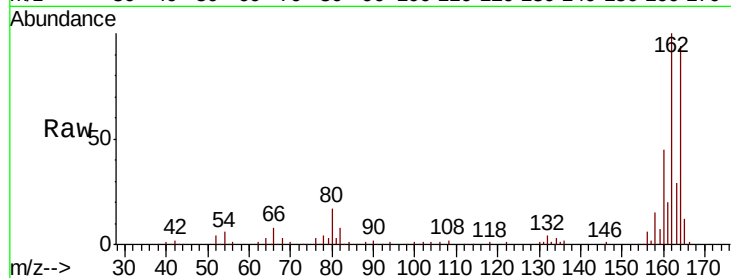
Tgt Ion:164 Resp: 143855

Ion Ratio Lower Upper

164 100

162 106.6 83.0 124.6

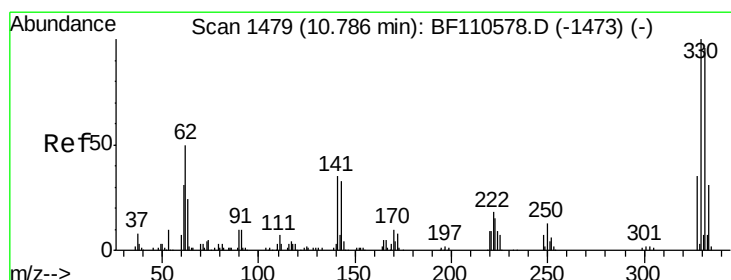
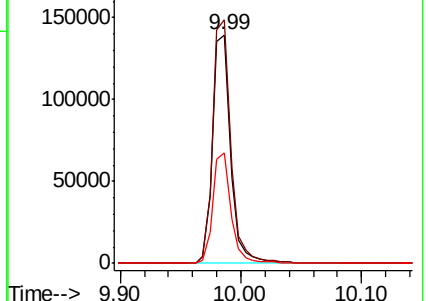
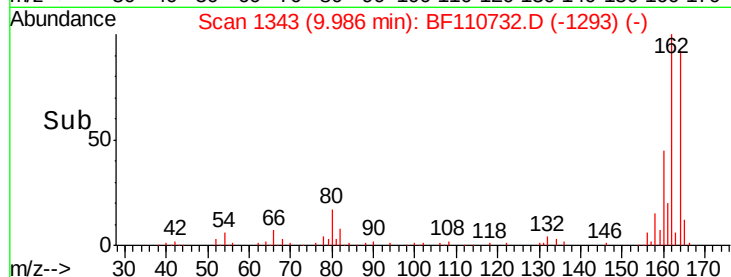
160 48.4 37.0 55.6



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: 44.391 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

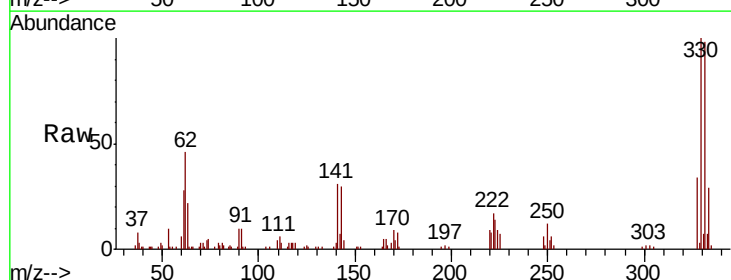
Tgt Ion:330 Resp: 64345

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

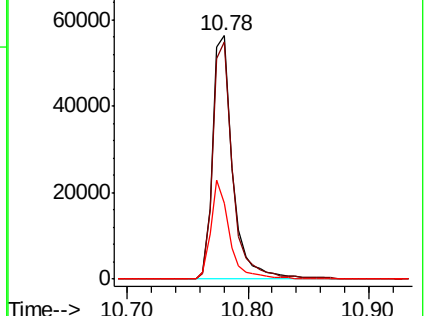
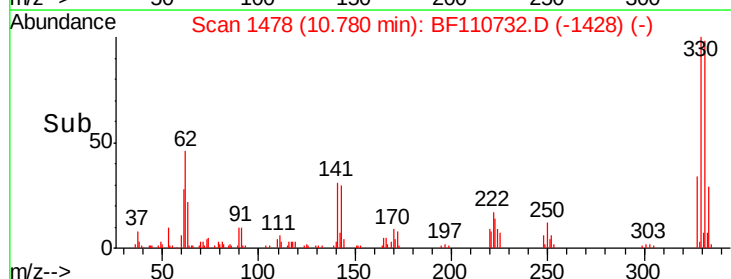
141 37.4 27.0 40.4

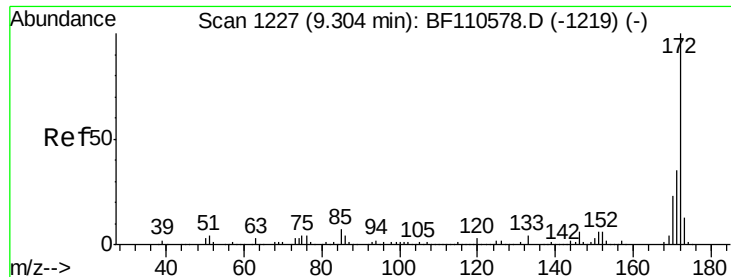


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

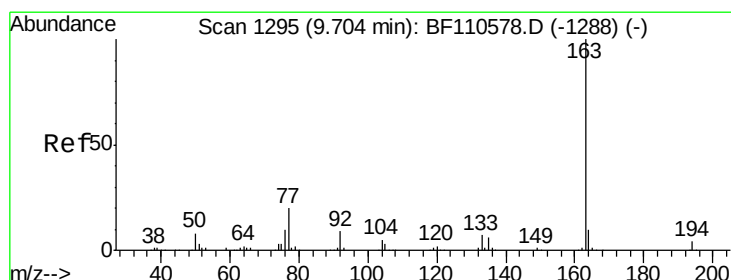
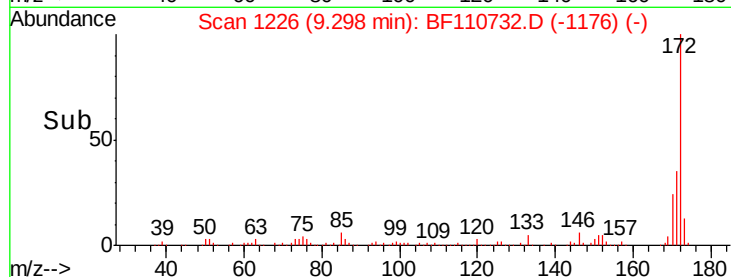
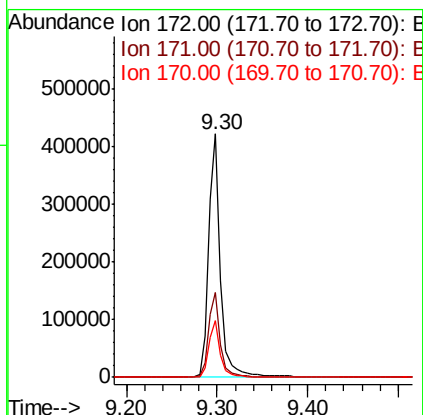
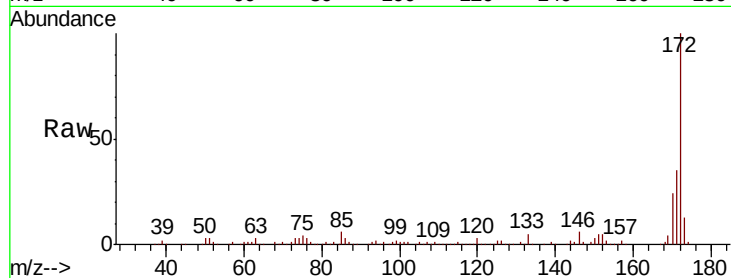




#45
2-Fluorobiphenyl
Concen: 38.785 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

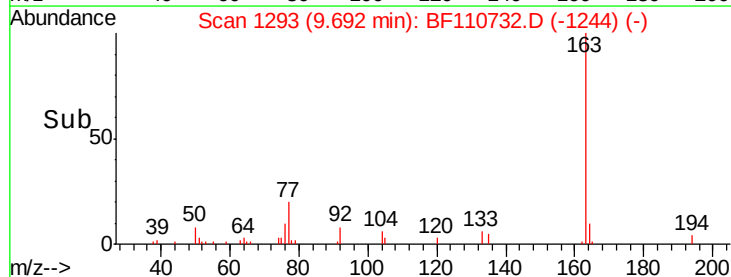
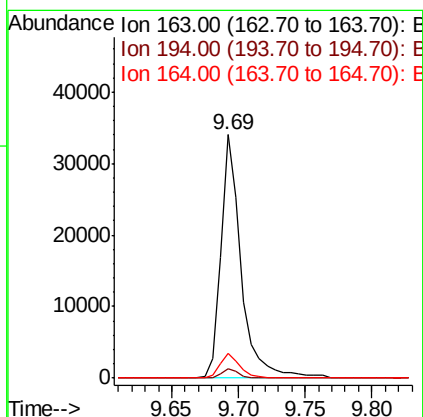
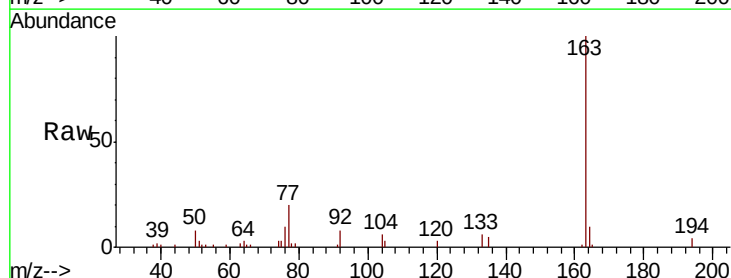
Instrument :
BNA_F
ClientSampled :
SR-4-S

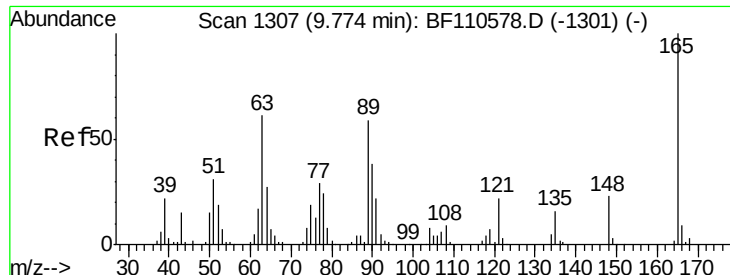
Tgt Ion:172 Resp: 390664
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.5 19.7 29.5



#50
Dimethylphthalate
Concen: 3.402 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:163 Resp: 36515
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 8.1 12.1

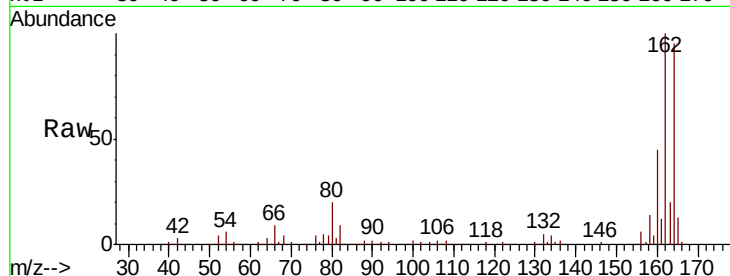




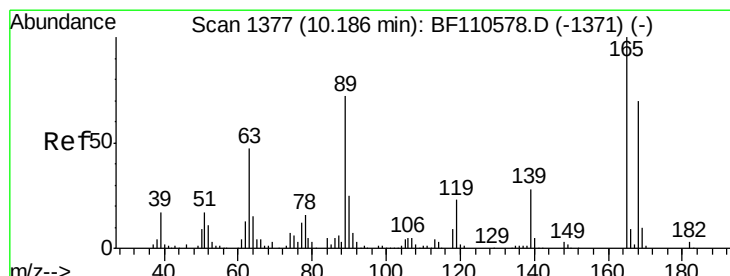
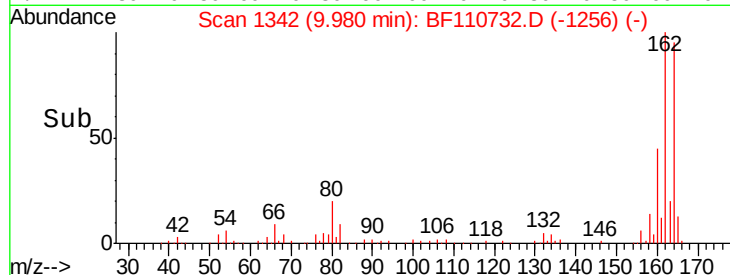
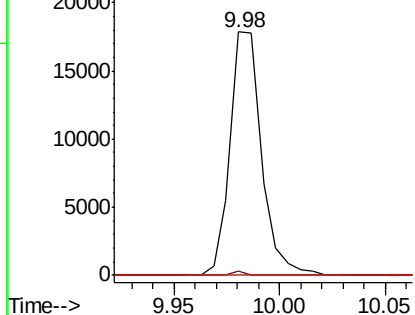
#51
 2,6-Dinitrotoluene
 Concen: 7.786 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110732.D
 Acq: 13 Nov 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SR-4-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.9	73.3#
89	0.0	46.6	69.8#

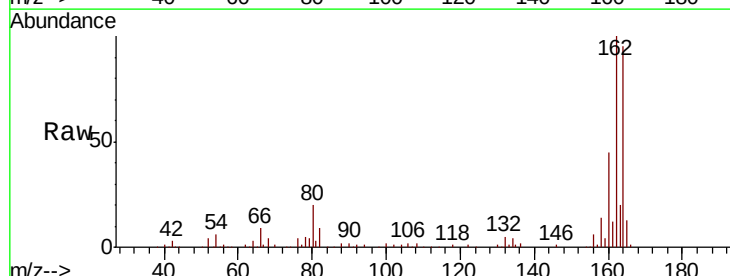


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

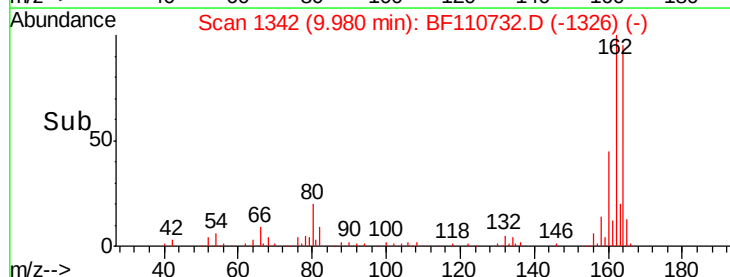
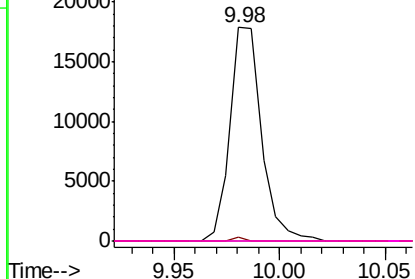


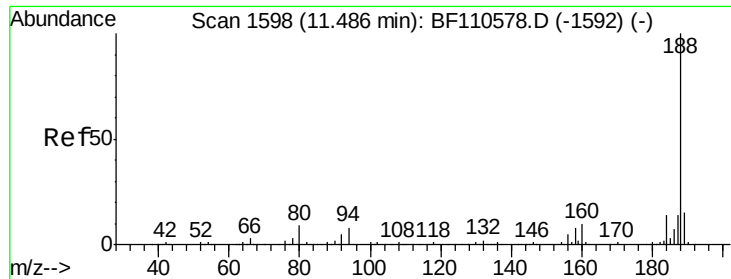
#57
 2,4-Dinitrotoluene
 Concen: 5.989 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110732.D
 Acq: 13 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

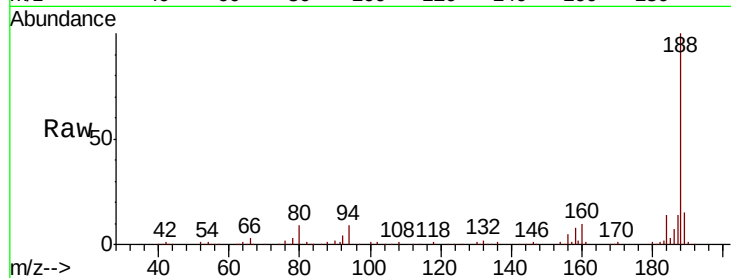




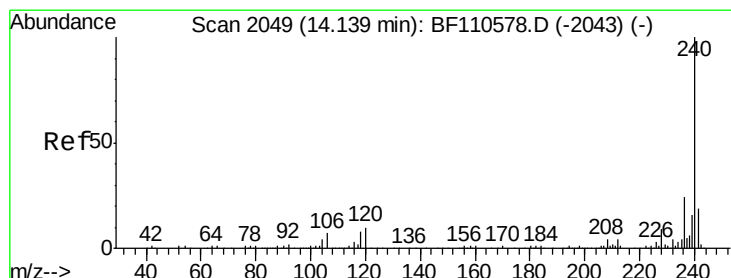
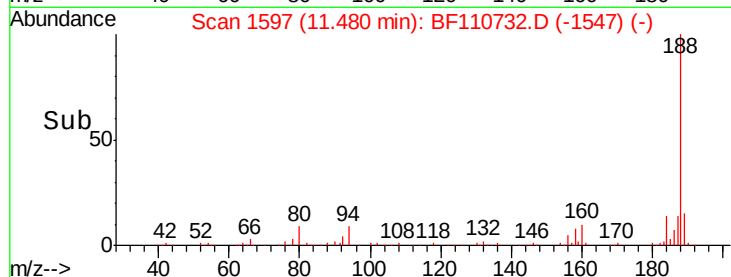
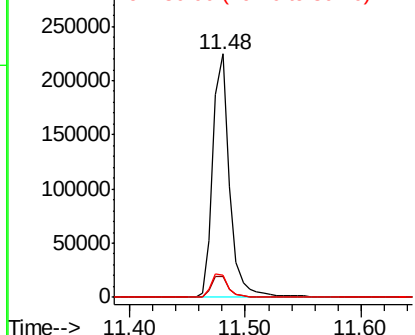
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:188 Resp: 226473
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.9 11.9

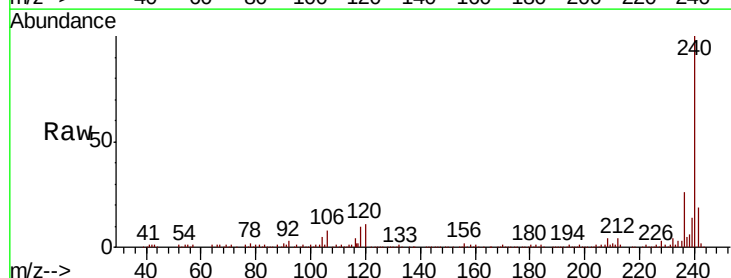


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

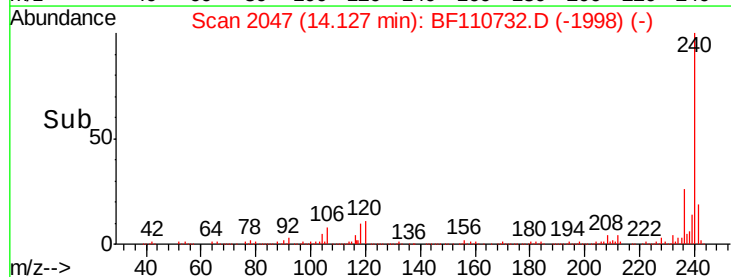
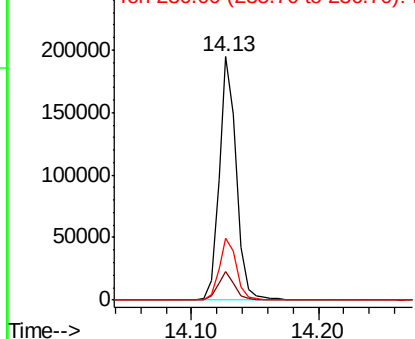


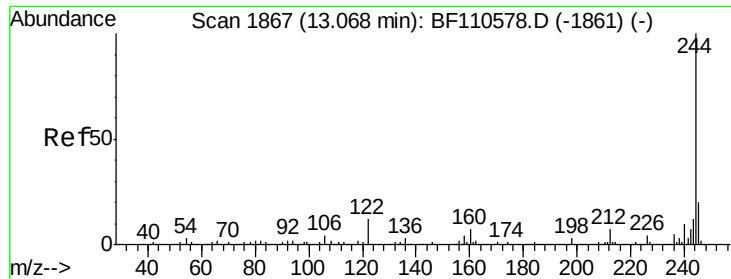
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:240 Resp: 183198
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 27.884 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

Instrument :

BNA_F

ClientSampleId :

SR-4-S

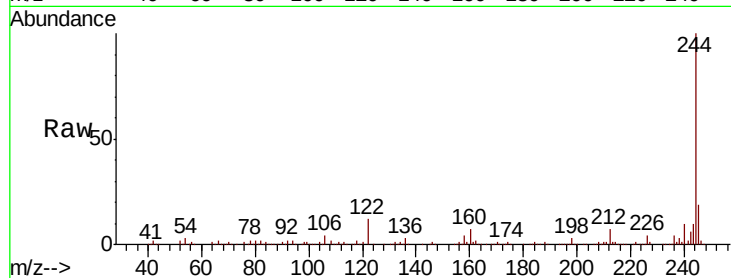
Tgt Ion:244 Resp: 272764

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

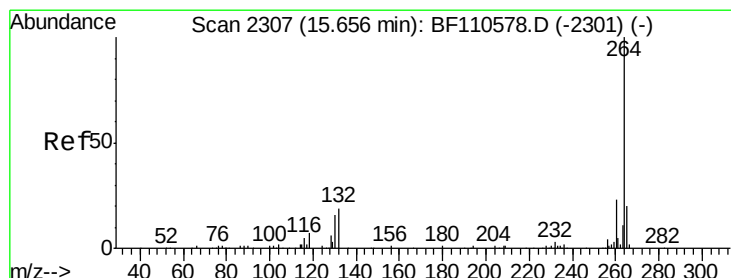
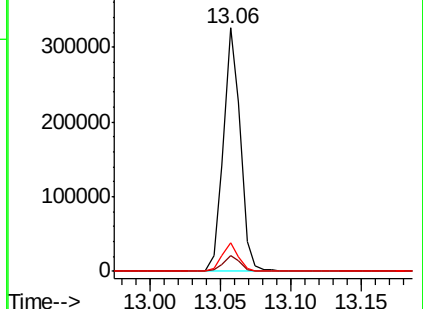
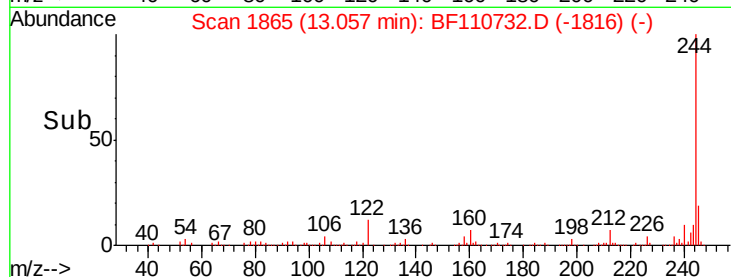
122 11.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

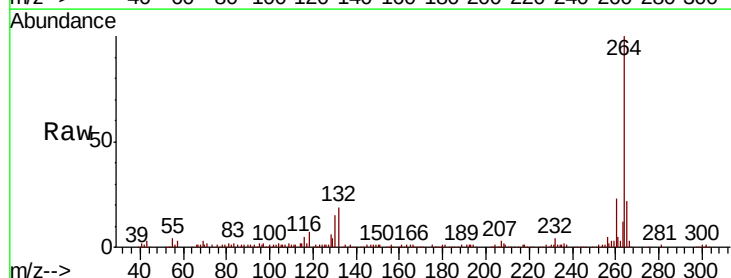
Tgt Ion:264 Resp: 133588

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

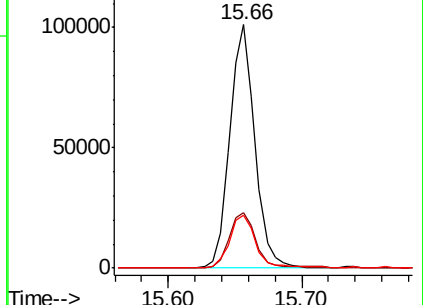
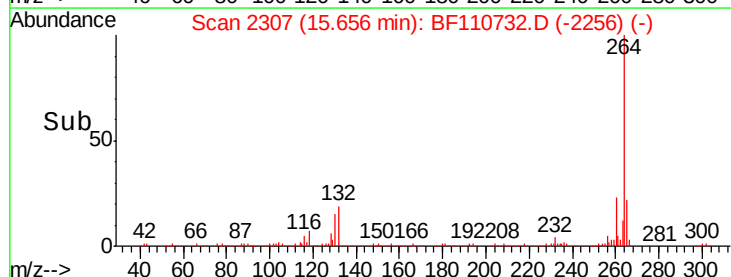
265 22.0 16.7 25.1

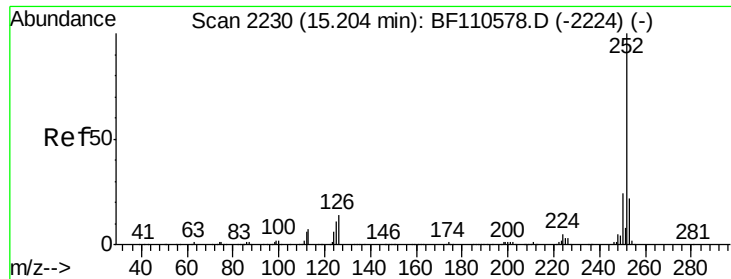


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.866 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

Instrument :

BNA_F

ClientSampled :

SR-4-S

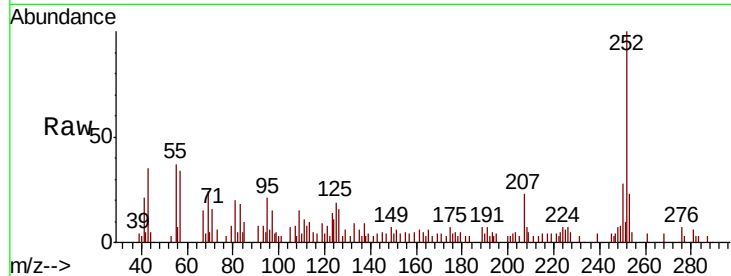
Tgt Ion:252 Resp: 22901

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

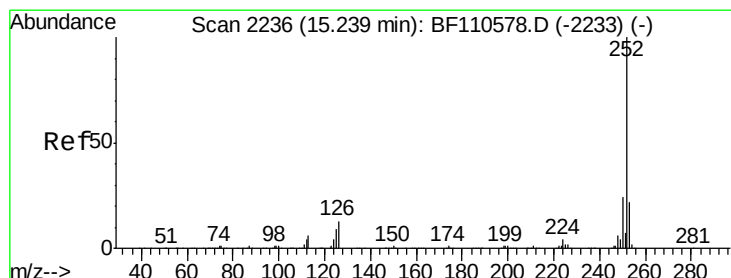
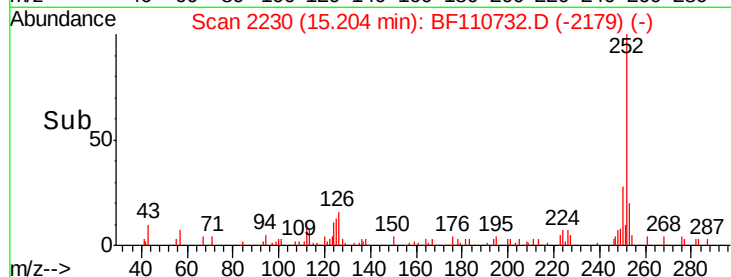
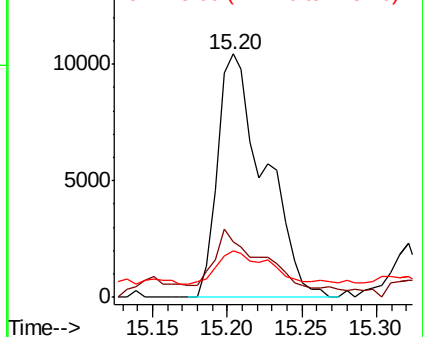
125 19.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.900 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.04 min

Lab File: BF110732.D

Acq: 13 Nov 2018 21:16

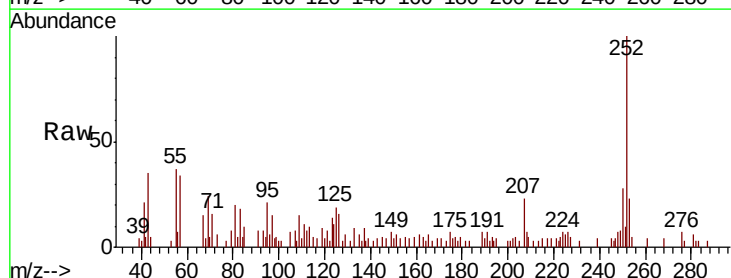
Tgt Ion:252 Resp: 22901

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 19.0 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

