

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111509.D
 Acq On : 16 Dec 2018 15:32
 Operator : JU/SJ
 Sample : J6386-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01

Quant Time: Dec 17 06:40:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

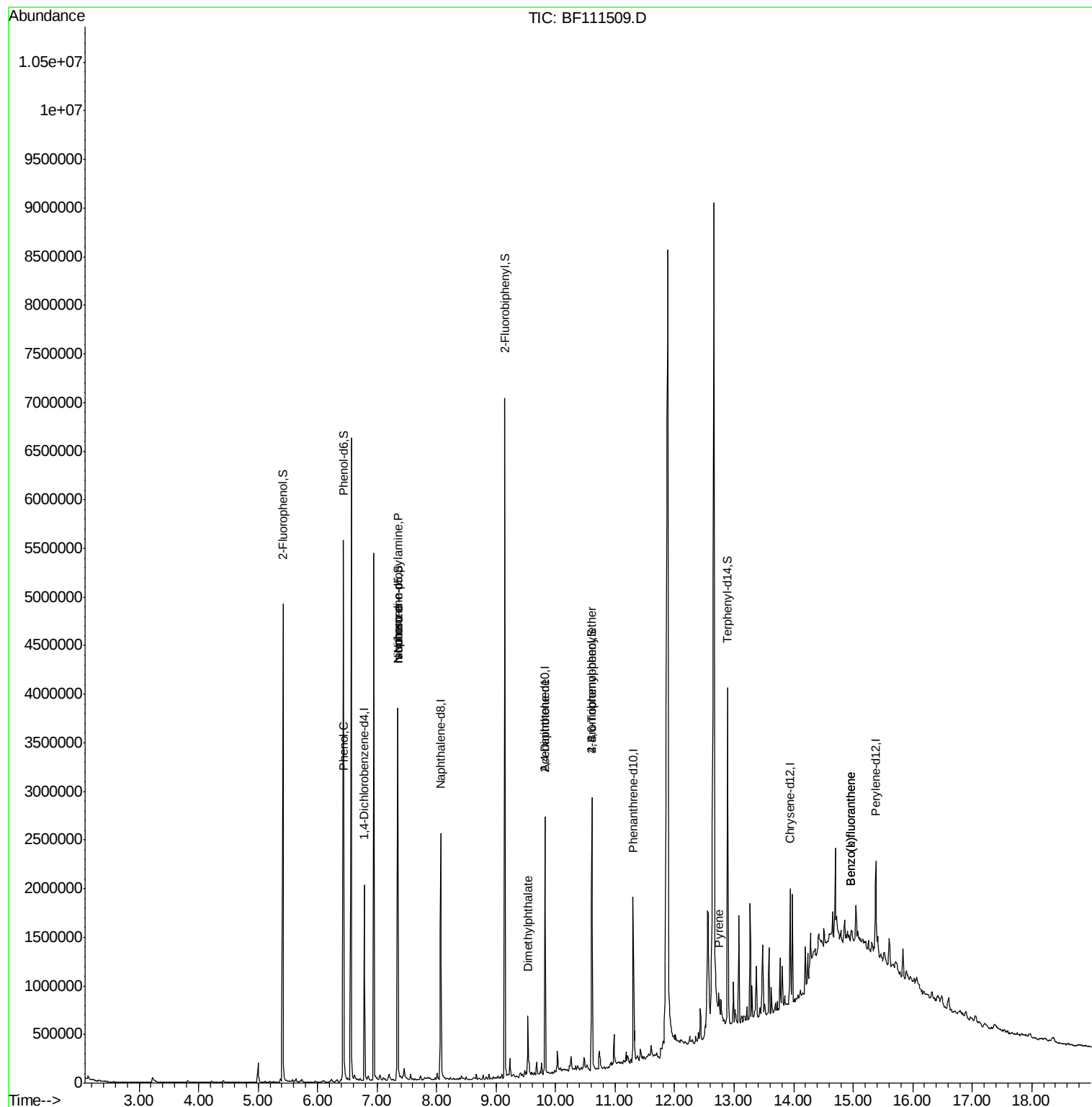
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	270361	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1094841	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	500470	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	572084	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	398382	20.00	ng	0.00
87) Perylene-d12	15.38	264	465188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1385138	85.25	ng	0.00
7) Phenol-d6	6.43	99	2025753	93.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	1351030	73.48	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	296148	66.06	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	2271910	70.12	ng	-0.01
79) Terphenyl-d14	12.89	244	1108525	65.34	ng	0.00
Target Compounds						
10) Phenol	6.45	94	148977	6.188	ng	89
19) n-Nitroso-di-n-propylamine	7.35	70	177047	12.417	ng	# 75
25) Isophorone	7.35	82	1347380	43.312	ng	# 64
50) Dimethylphthalate	9.53	163	227103	6.301	ng	97
57) 2,4-Dinitrotoluene	9.82	165	65103	6.114	ng	# 24
67) 4-Bromophenyl-phenylether	10.61	248	19787	3.209	ng	# 1
78) Pyrene	12.74	202	83911	2.988	ng	94
88) Benzo(b)fluoranthene	14.97	252	56113	2.069	ng	# 60
89) Benzo(k)fluoranthene	14.97	252	56113	2.165	ng	# 60

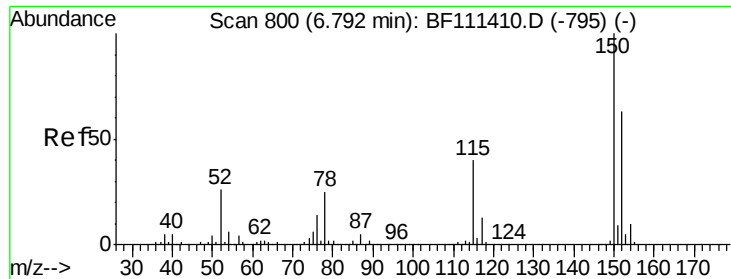
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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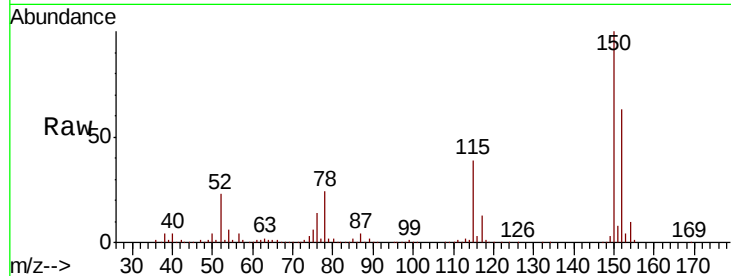


#1

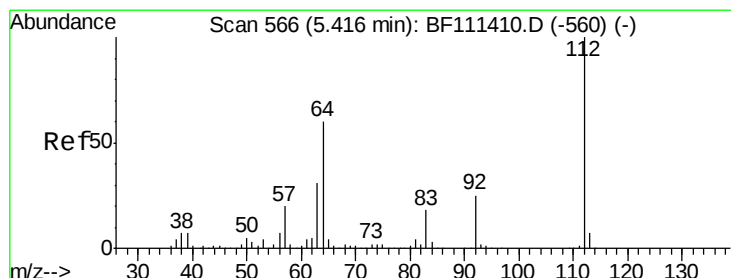
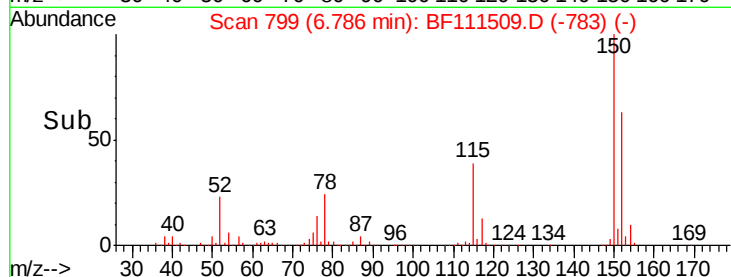
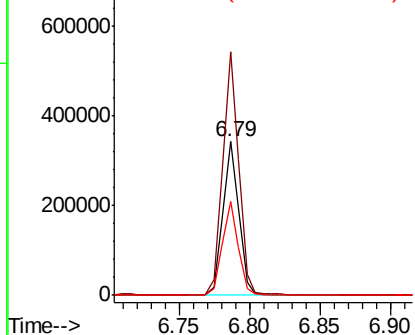
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:152 Resp: 270361
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 61.3 50.7 76.1



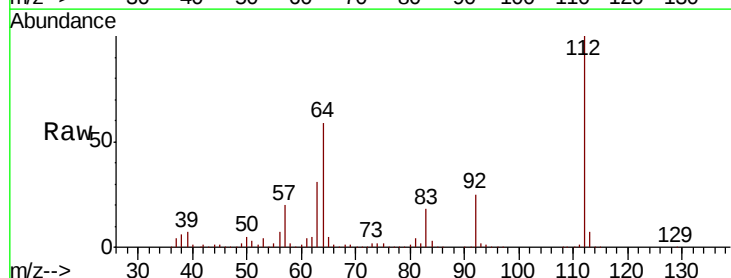
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



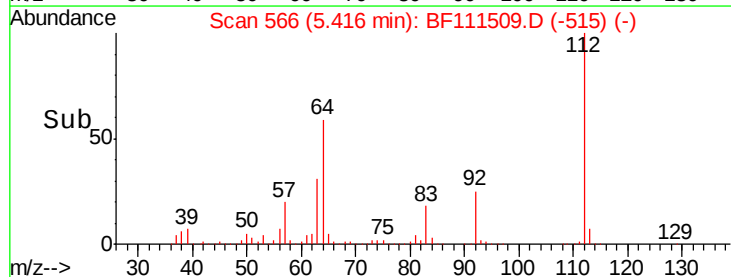
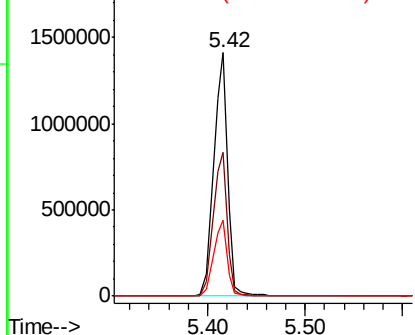
#5

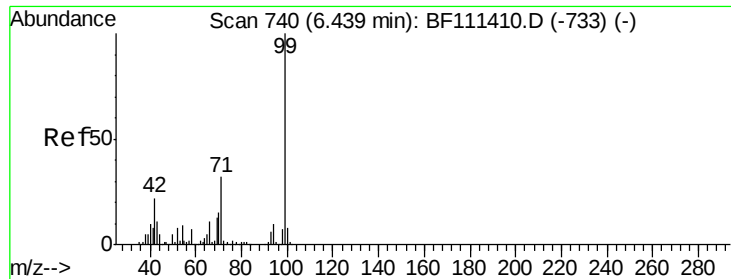
2-Fluorophenol
Concen: 85.255 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:112 Resp: 1385138
Ion Ratio Lower Upper
112 100
64 58.8 51.8 77.6
63 31.3 26.8 40.2



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: 93.735 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

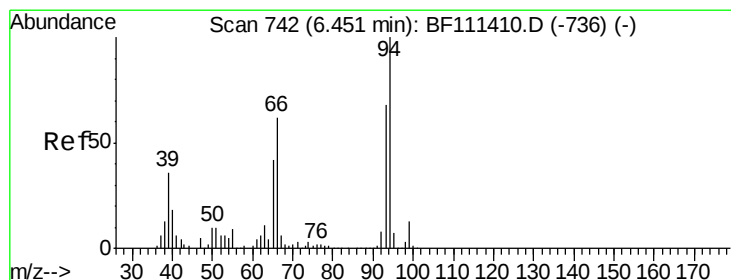
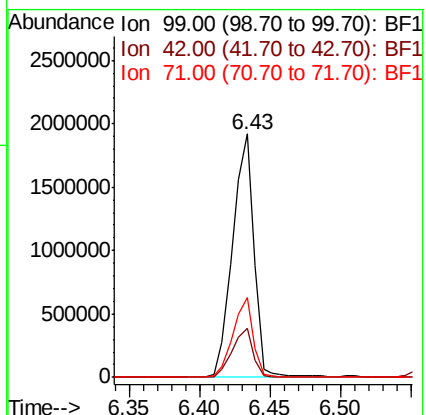
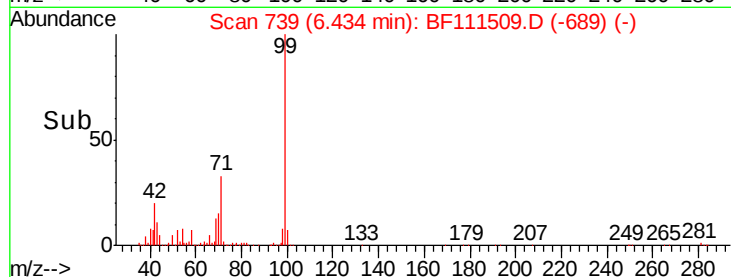
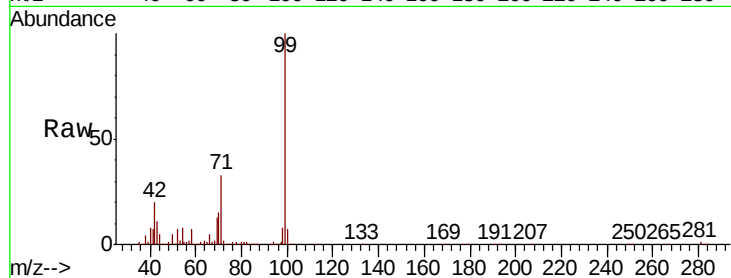
Tgt Ion: 99 Resp: 2025753

Ion Ratio Lower Upper

99 100

42 20.1 17.4 26.0

71 32.5 26.1 39.1



#10

Phenol

Concen: 6.188 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

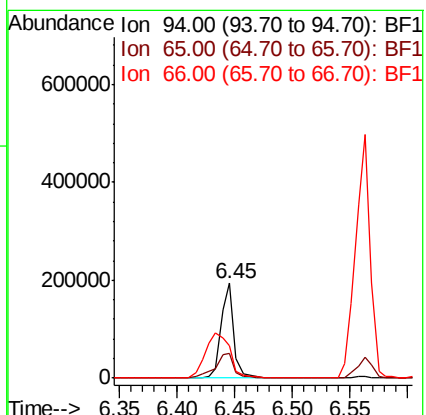
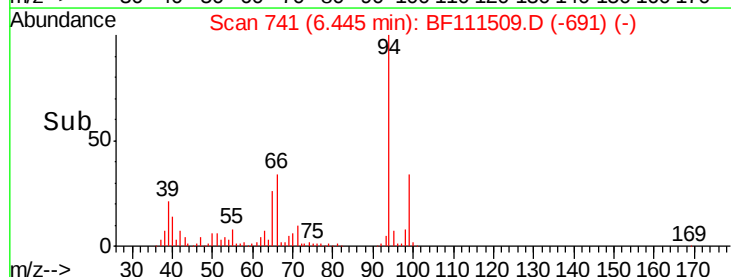
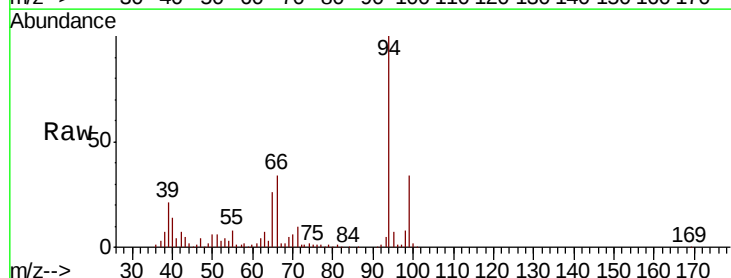
Tgt Ion: 94 Resp: 148977

Ion Ratio Lower Upper

94 100

65 26.4 11.7 51.7

66 33.8 21.0 61.0

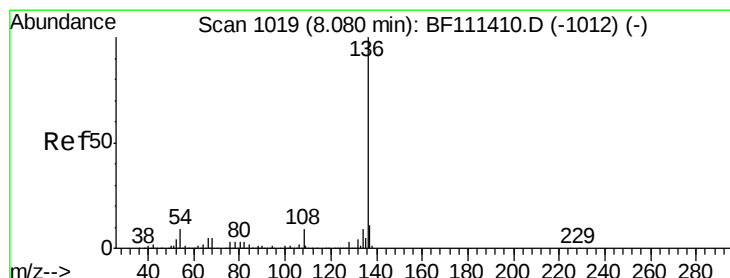
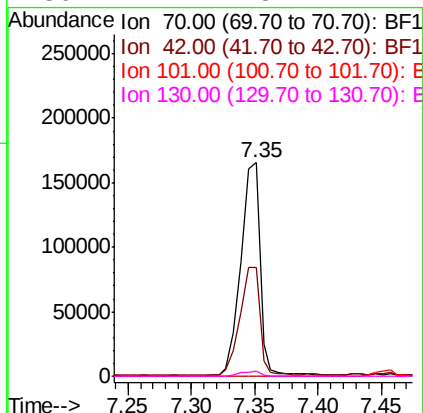
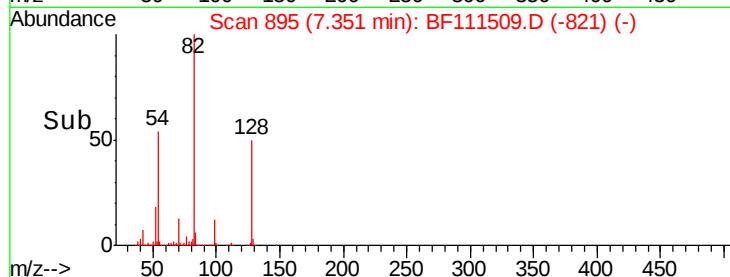
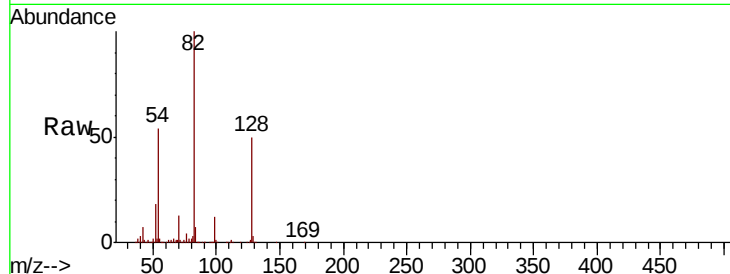




#19
n-Nitroso-di-n-propylamine
Concen: 12.417 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

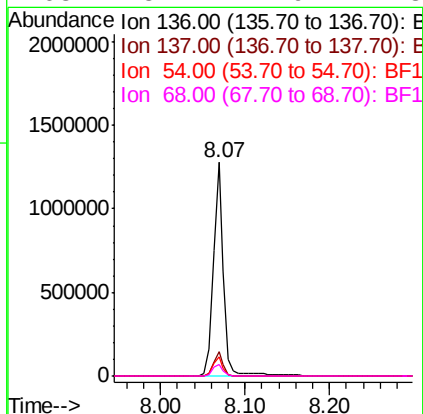
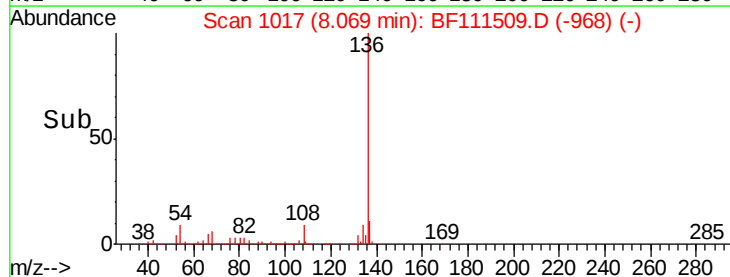
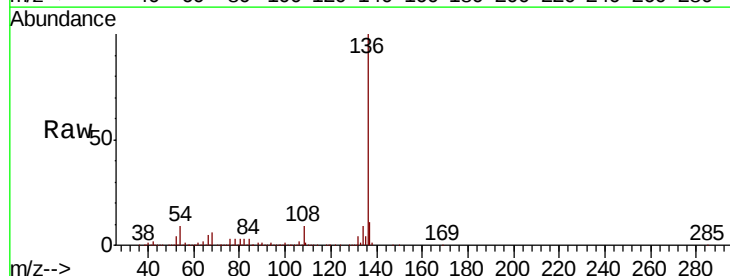
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

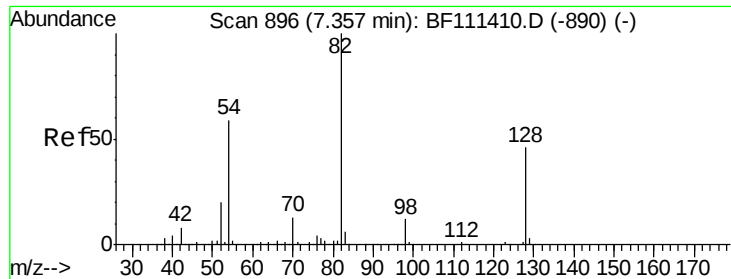
Tgt Ion: 70 Resp: 177047
Ion Ratio Lower Upper
70 100
42 51.2 53.2 79.8#
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion: 136 Resp: 1094841
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.1 7.7 11.5
68 5.7 4.9 7.3

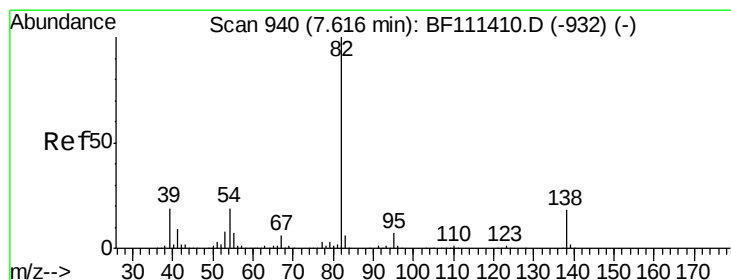
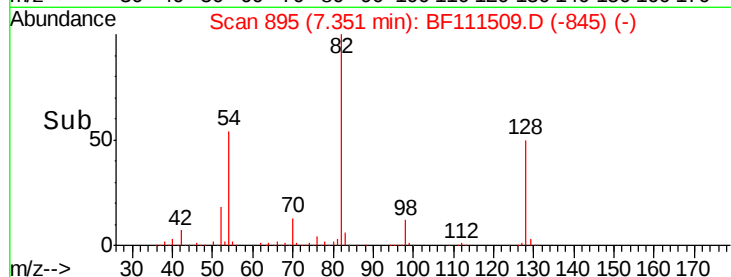
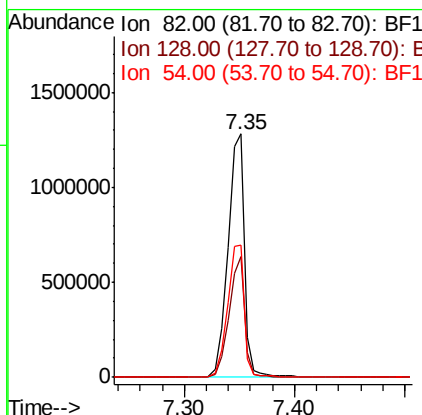
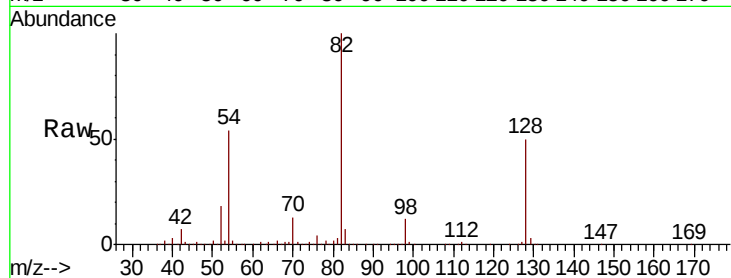




#23
 Nitrobenzene-d5
 Concen: 73.483 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111509.D
 Acq: 16 Dec 2018 15:32

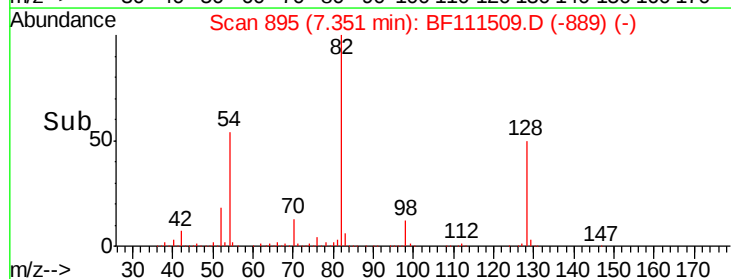
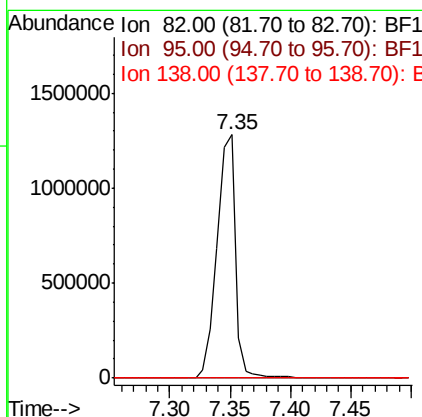
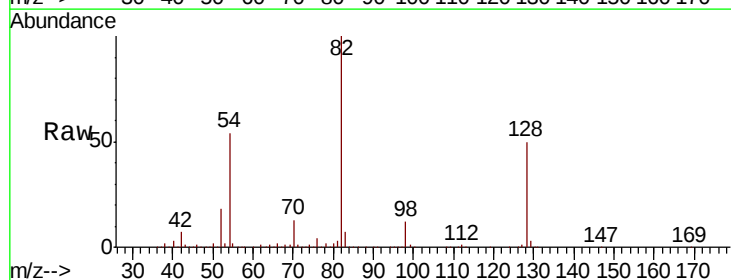
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01

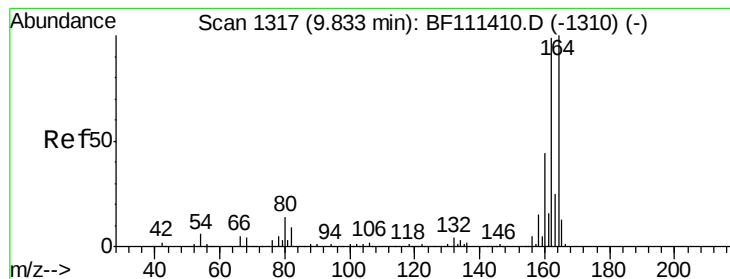
Tgt Ion: 82 Resp: 1351030
 Ion Ratio Lower Upper
 82 100
 128 49.7 37.4 56.2
 54 54.5 47.6 71.4



#25
 Isophorone
 Concen: 43.312 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF111509.D
 Acq: 16 Dec 2018 15:32

Tgt Ion: 82 Resp: 1347380
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

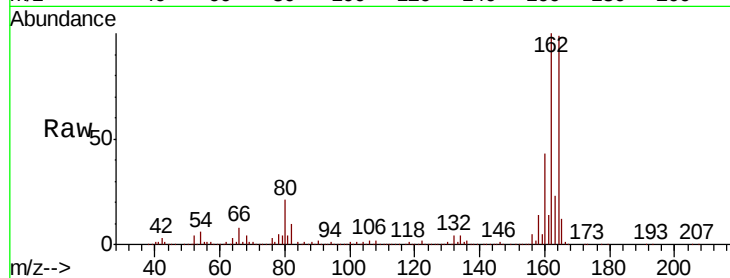
Tgt Ion:164 Resp: 500470

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

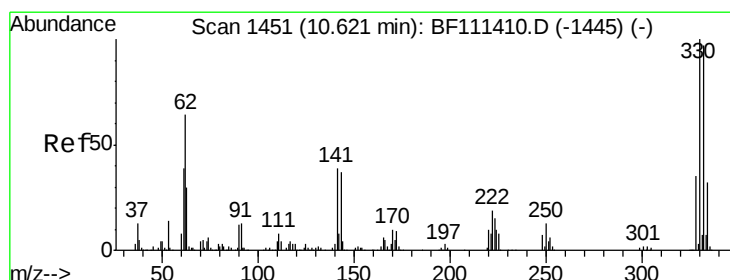
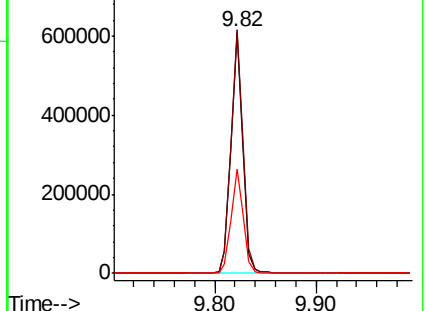
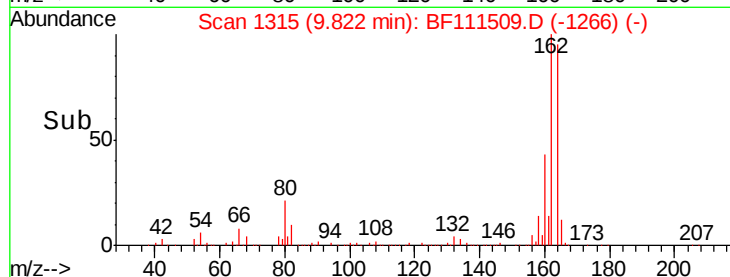
160 43.1 35.7 53.5



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: 66.058 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

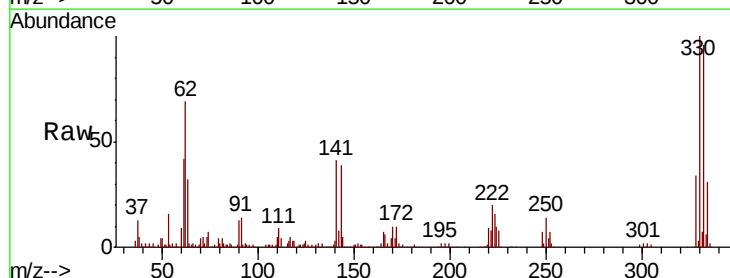
Tgt Ion:330 Resp: 296148

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

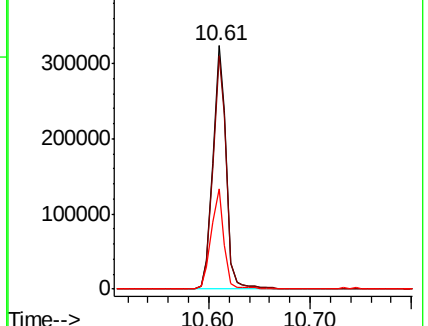
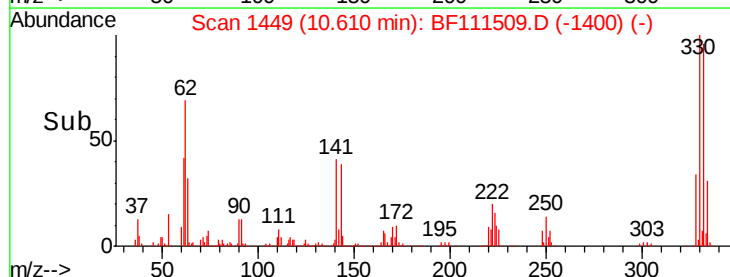
141 38.8 31.0 46.6

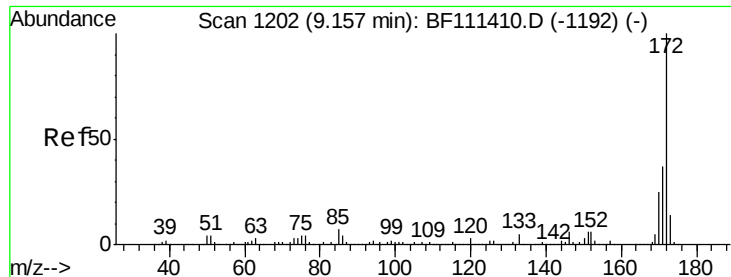


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

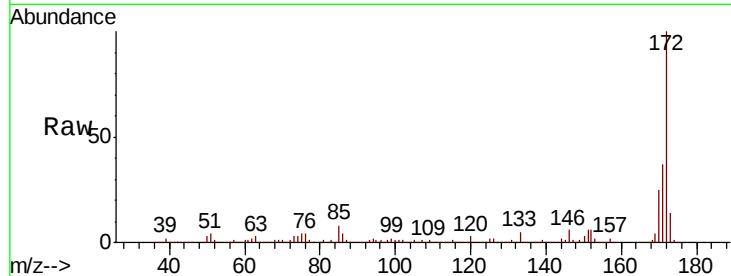




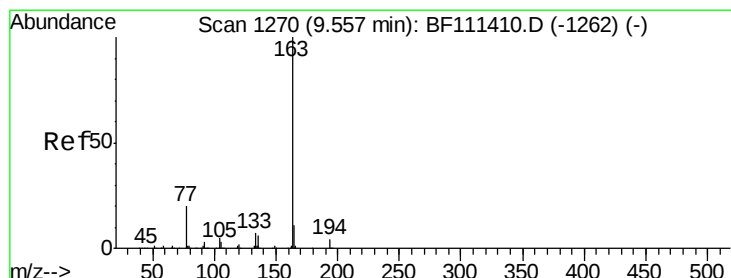
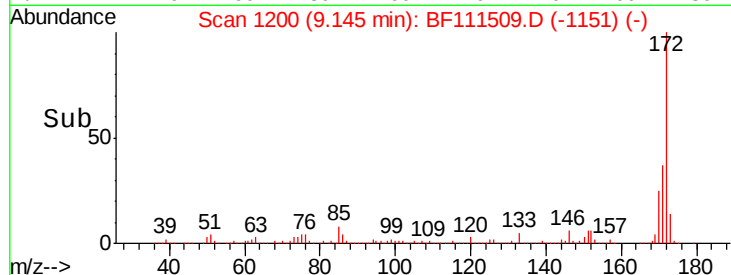
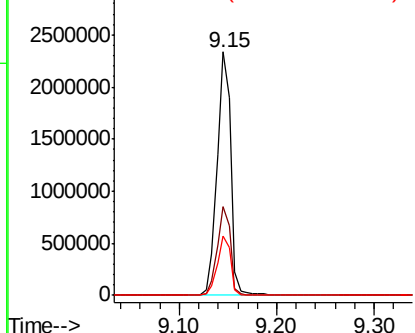
#45
 2-Fluorobiphenyl
 Concen: 70.120 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111509.D
 Acq: 16 Dec 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01

Tgt Ion:172 Resp: 2271910
 Ion Ratio Lower Upper
 172 100
 171 36.6 33.0 49.4
 170 24.5 22.3 33.5

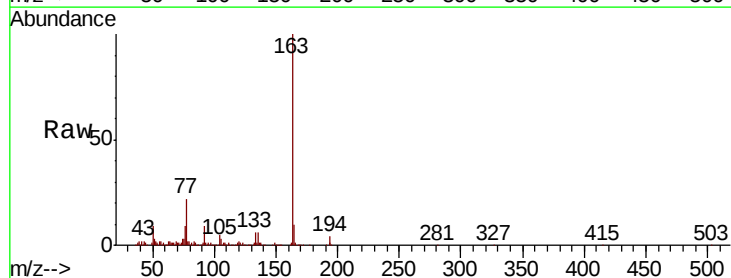


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

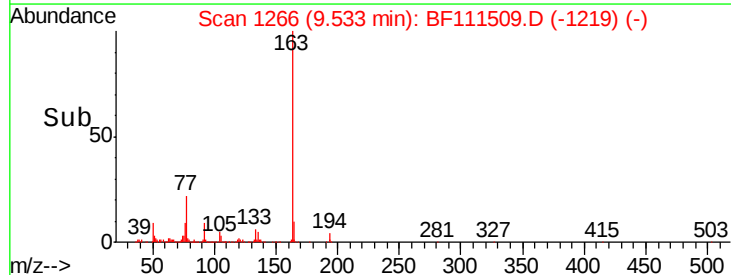
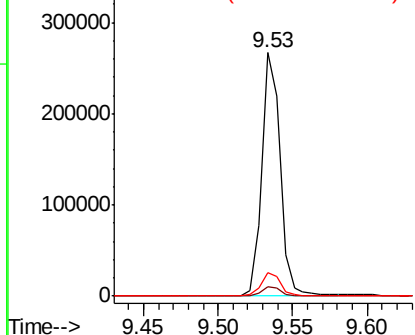


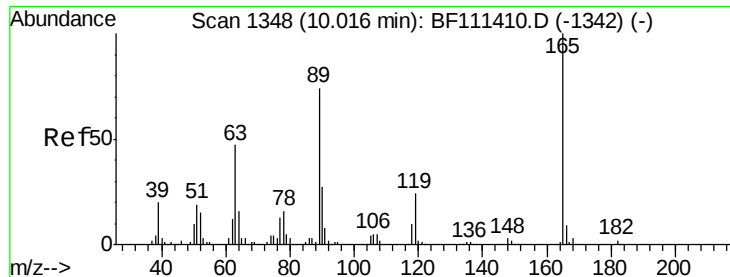
#50
 Dimethylphthalate
 Concen: 6.301 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF111509.D
 Acq: 16 Dec 2018 15:32

Tgt Ion:163 Resp: 227103
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 9.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

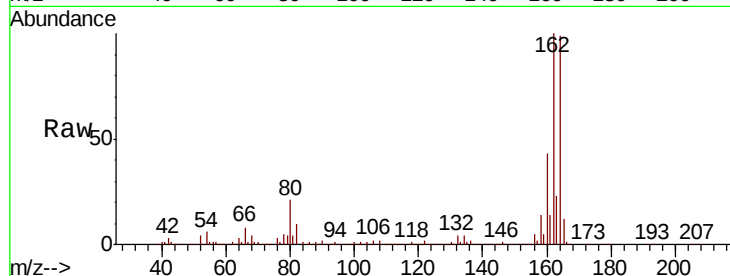




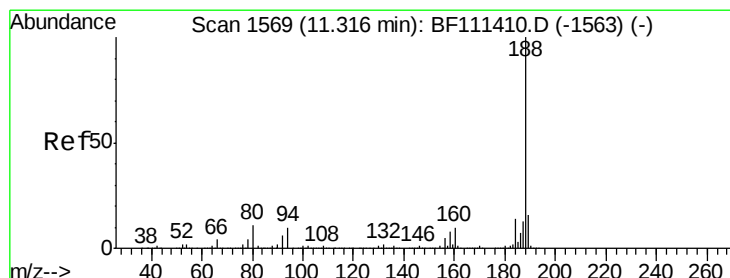
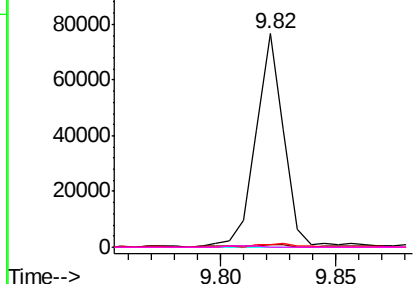
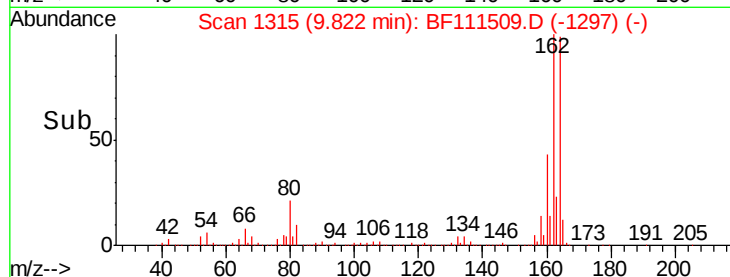
#57
 2,4-Dinitrotoluene
 Concen: 6.114 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111509.D
 Acq: 16 Dec 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01

Tgt Ion:	165	Resp:	65103
Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#

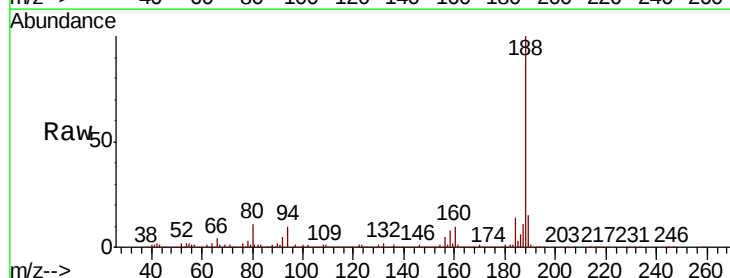


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

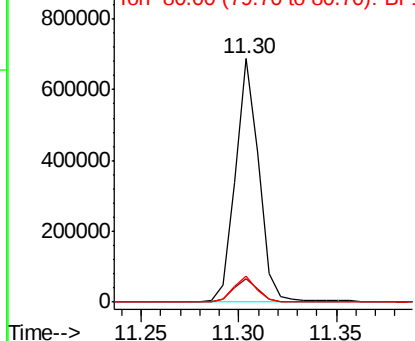
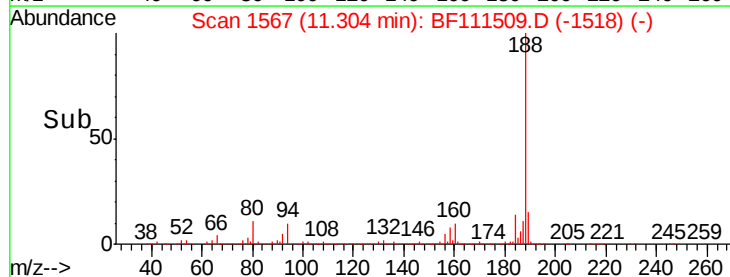


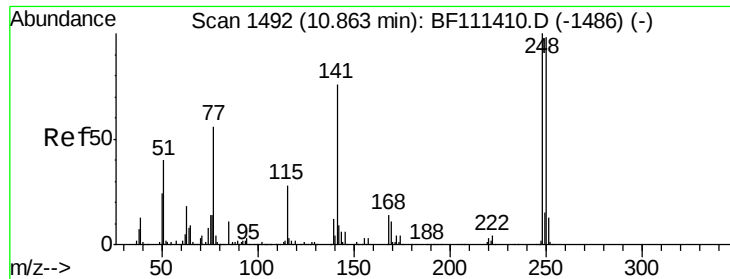
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF111509.D
 Acq: 16 Dec 2018 15:32

Tgt Ion:	188	Resp:	572084
Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.6	14.4
80	10.9	9.8	14.6



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

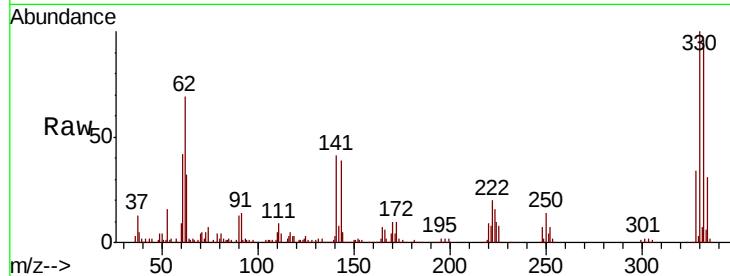




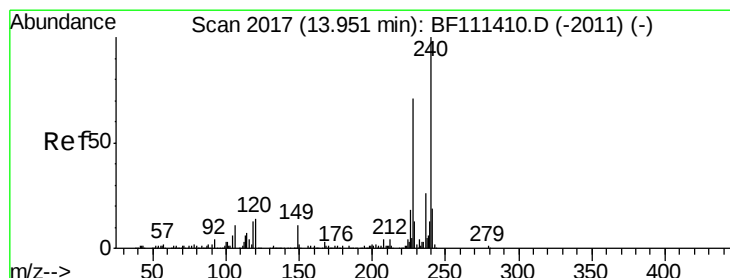
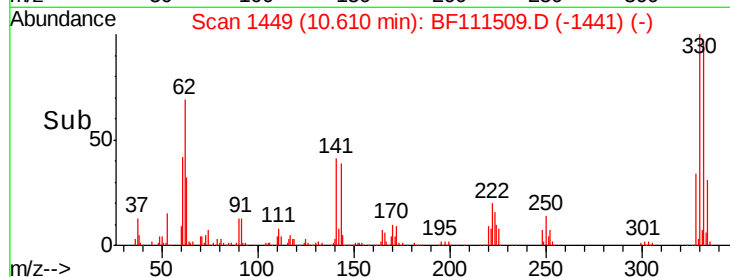
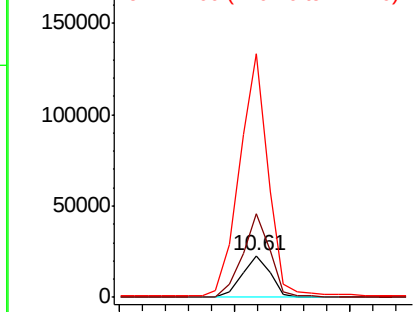
#67
4-Bromophenyl-phenylether
Concen: 3.209 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:248 Resp: 19787
Ion Ratio Lower Upper
248 100
250 197.8 77.0 115.4#
141 580.1 63.0 94.6#

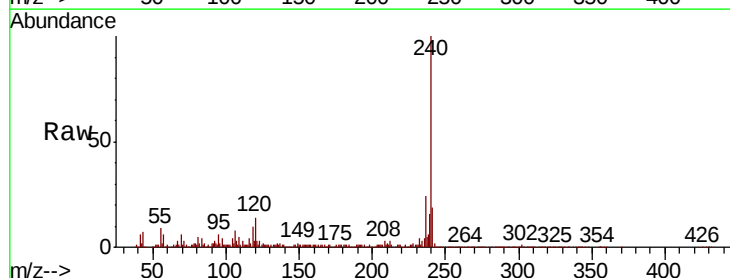


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

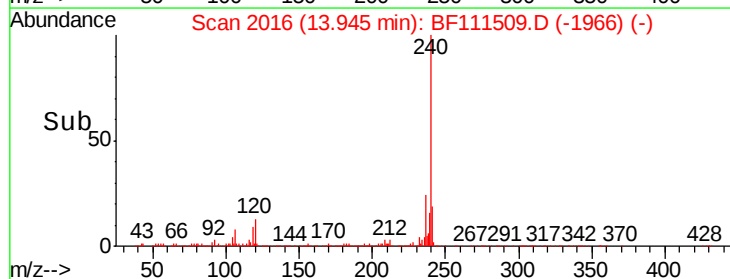
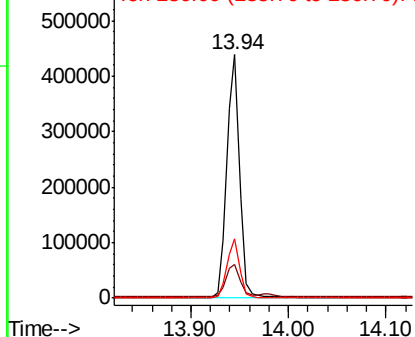


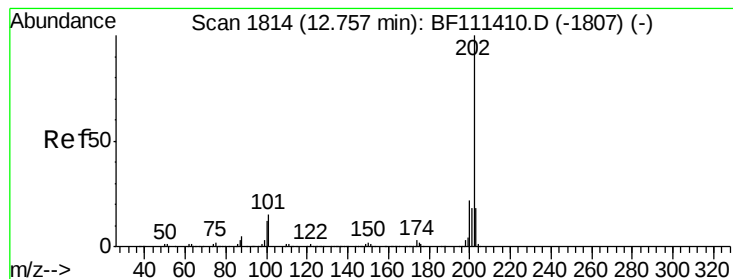
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:240 Resp: 398382
Ion Ratio Lower Upper
240 100
120 13.8 12.2 18.2
236 24.1 20.2 30.2



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





#78

Pyrene

Concen: 2.988 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

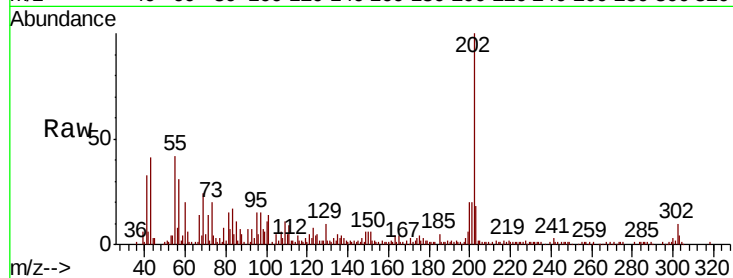
Tgt Ion:202 Resp: 83911

Ion Ratio Lower Upper

202 100

200 19.6 19.0 28.4

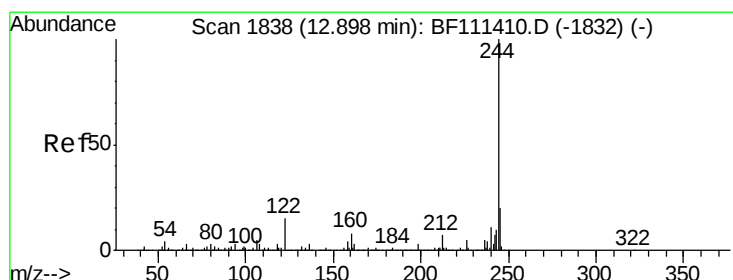
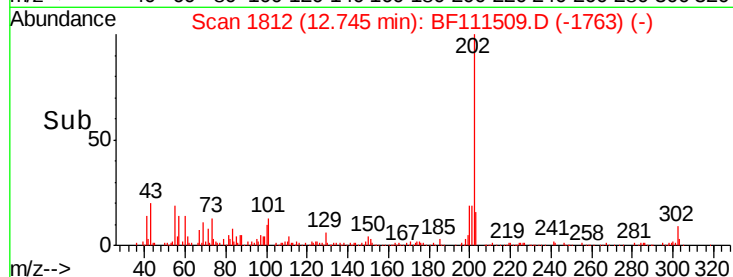
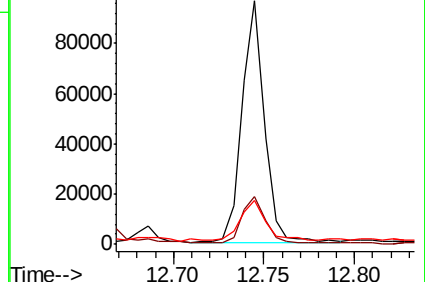
203 18.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 65.341 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

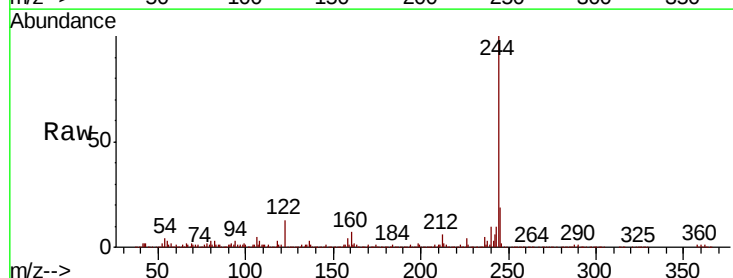
Tgt Ion:244 Resp: 1108525

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

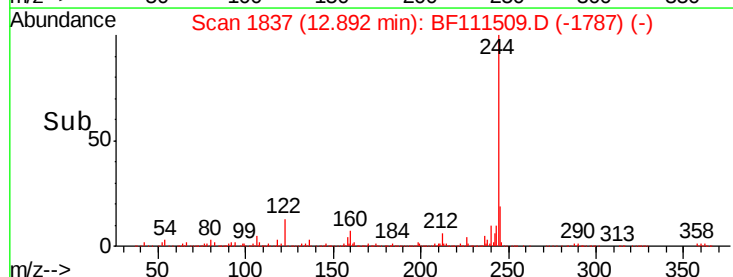
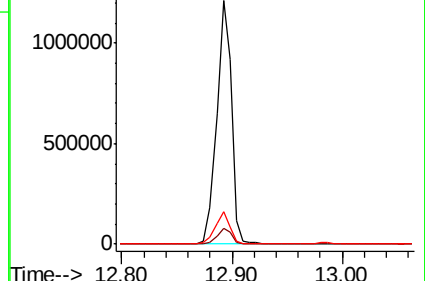
122 13.2 13.1 19.7

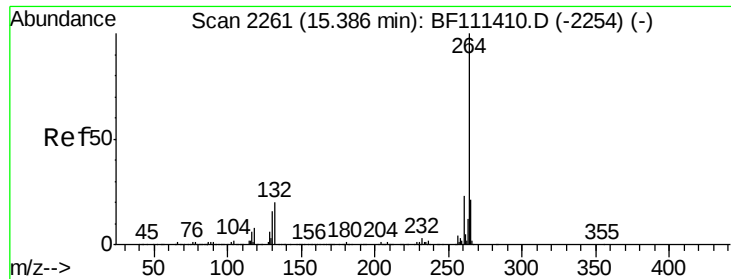


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

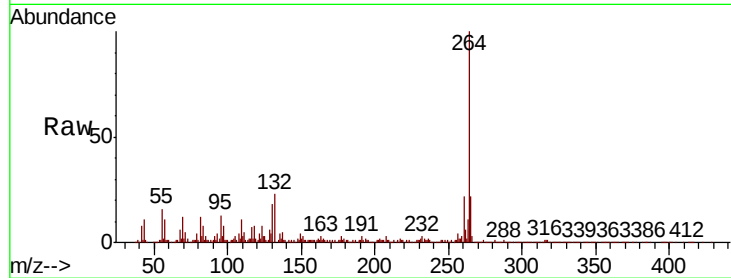
Tgt Ion:264 Resp: 465188

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

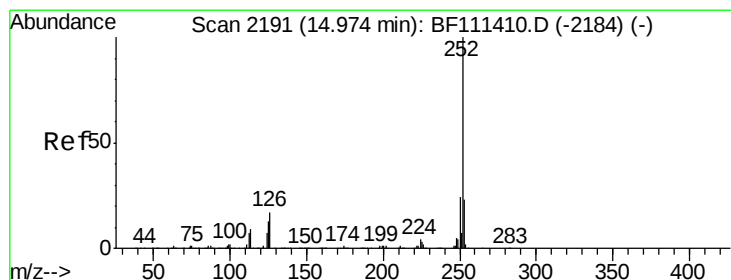
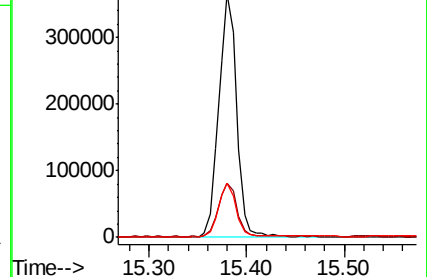
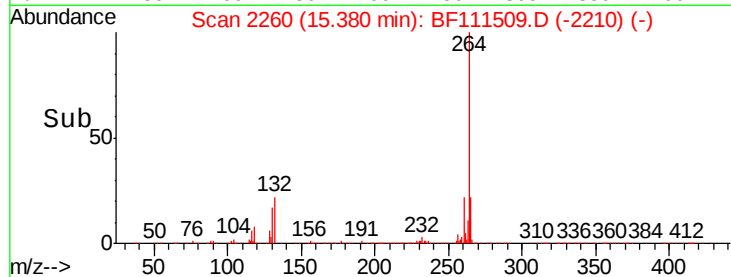
265 22.1 17.7 26.5



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: 2.069 ng

RT: 14.97 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

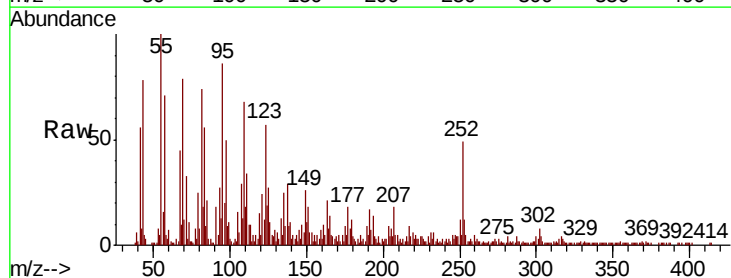
Tgt Ion:252 Resp: 56113

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

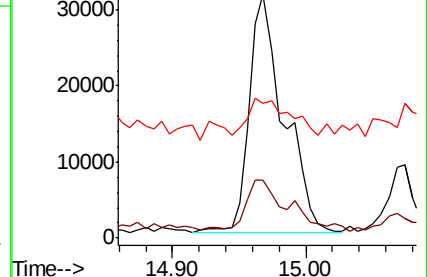
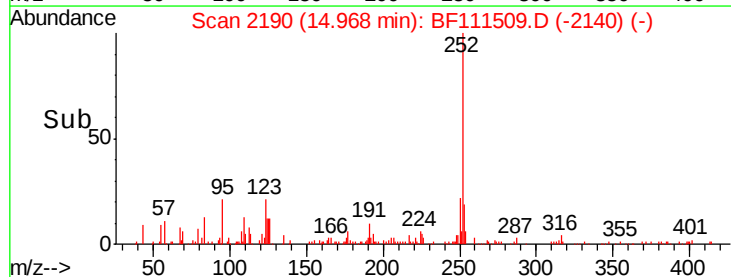
125 55.3 10.4 15.6#

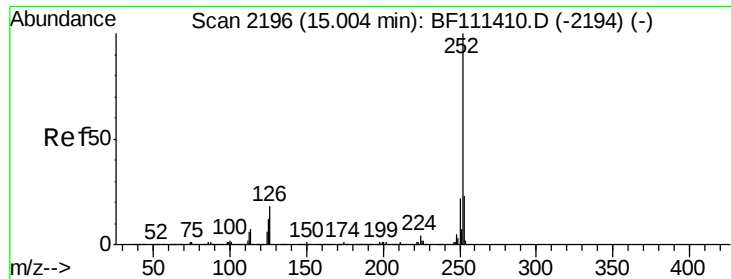


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.165 ng

RT: 14.97 min Scan# 2190

Delta R.T. -0.04 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

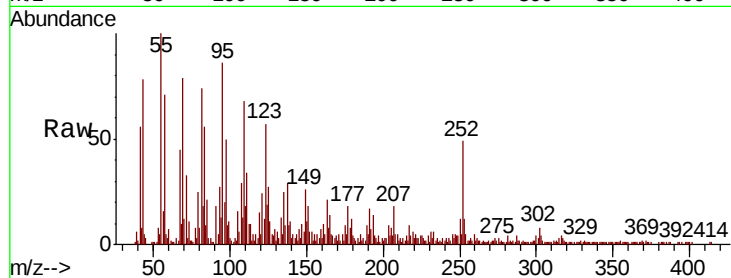
Tgt Ion: 252 Resp: 56113

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

125 55.3 9.8 14.8#



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

