

Data File : BF111467.D
Acq On : 15 Dec 2018 14:35
Operator : JU/SJ
Sample : J6322-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-5A-C-1-120718

Quant Time: Dec 16 00:43:03 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	159130	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	643005	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	290351	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	441695	20.00	ng	0.00
76) Chrysene-d12	13.94	240	302368	20.00	ng	0.00
87) Perylene-d12	15.39	264	290385	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1263804	132.16	ng	0.01
7) Phenol-d6	6.44	99	1638035	128.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	1005436	93.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	233533	89.79	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1752524	93.23	ng	0.00
79) Terphenyl-d14	12.90	244	1158919	90.00	ng	0.00

Target Compounds

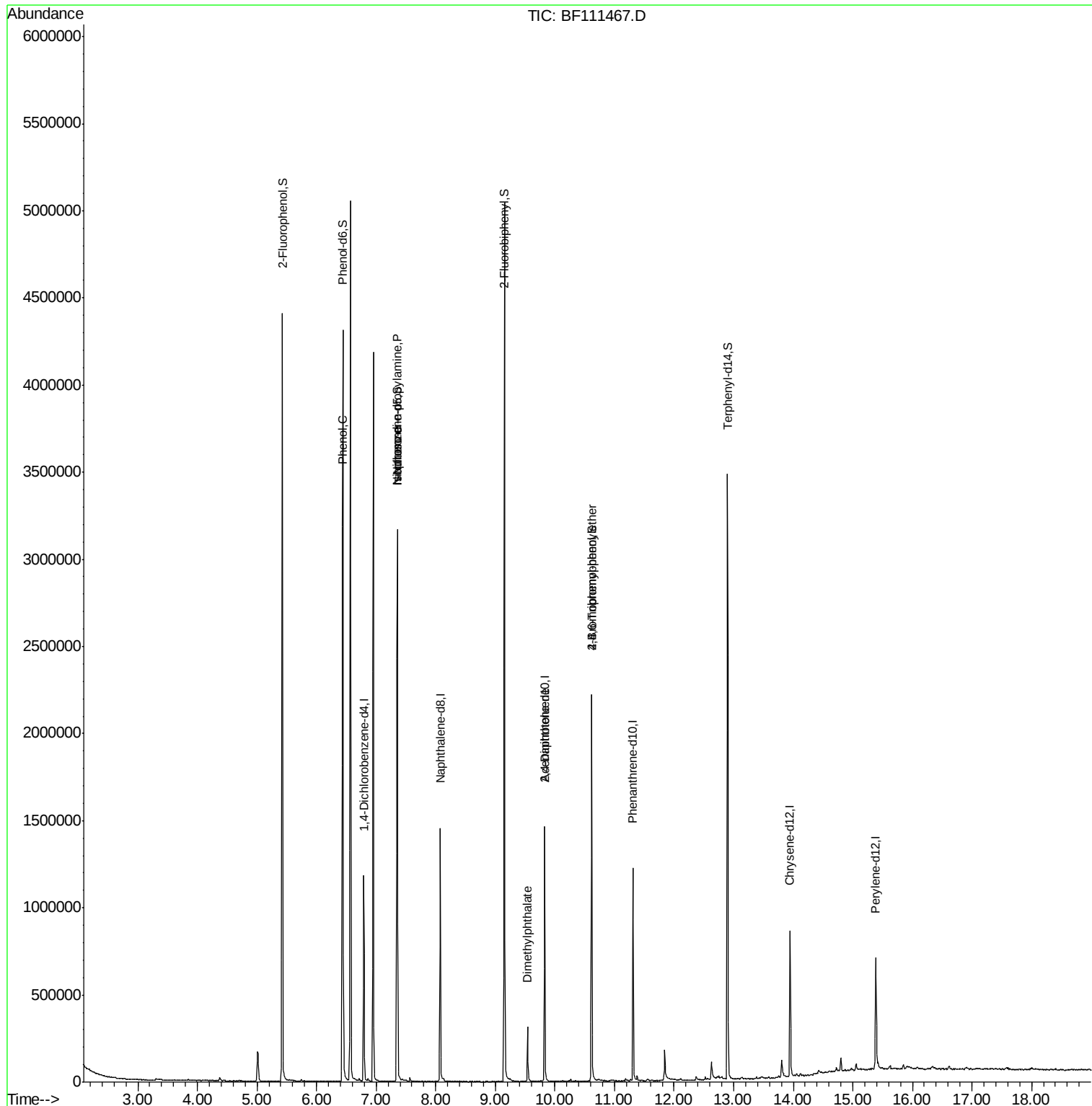
						Qvalue
10) Phenol	6.45	94	97351	6.870	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	130960	15.605	ng	# 81
25) Isophorone	7.36	82	1005421	55.030	ng	# 64
50) Dimethylphthalate	9.55	163	142160	6.798	ng	98
57) 2,4-Dinitrotoluene	9.83	165	35899	5.811	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	15843	3.328	ng	# 1

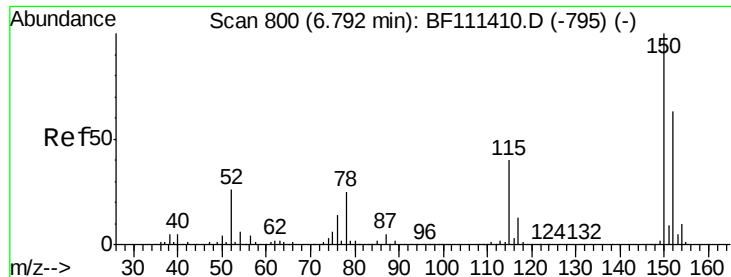
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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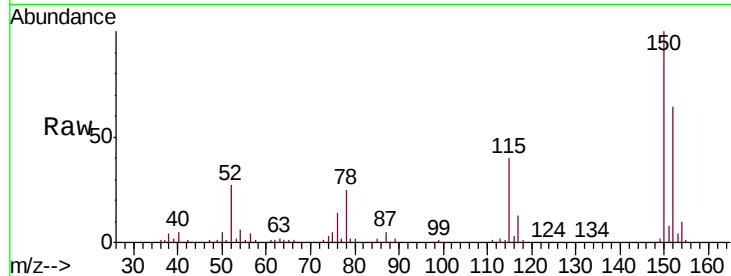




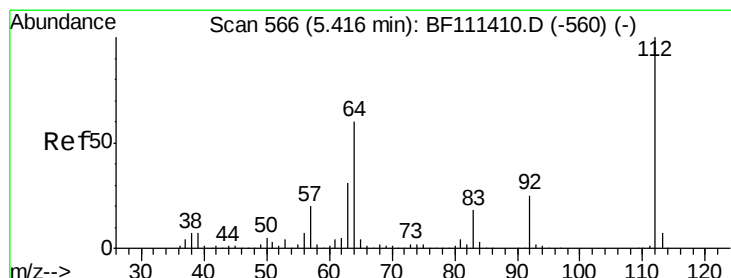
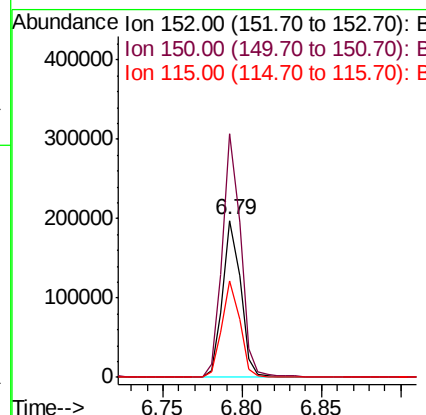
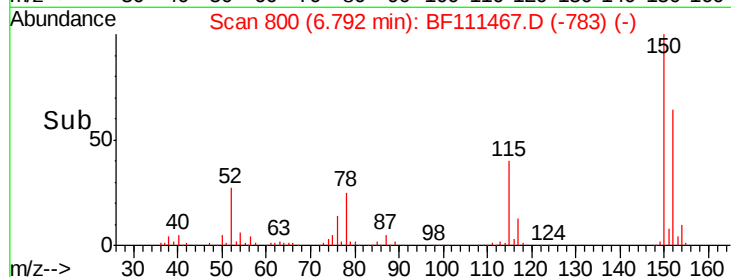
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111467.D
 Acq: 15 Dec 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-5A-C-1-120718

Tgt Ion:152 Resp: 159130
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.6 189.8
 115 61.9 50.7 76.1

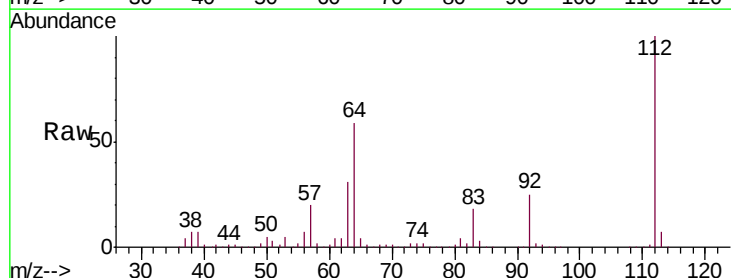


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

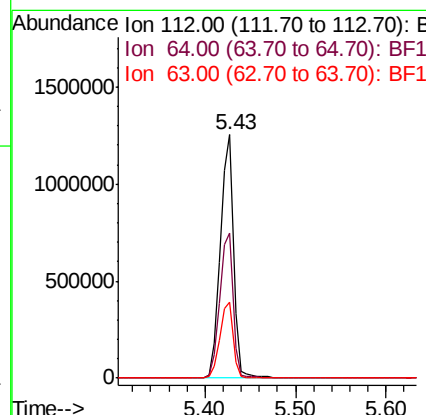
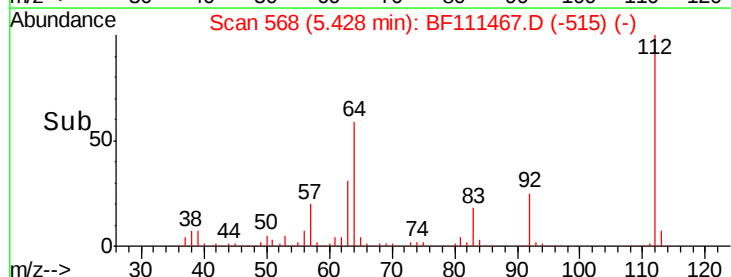


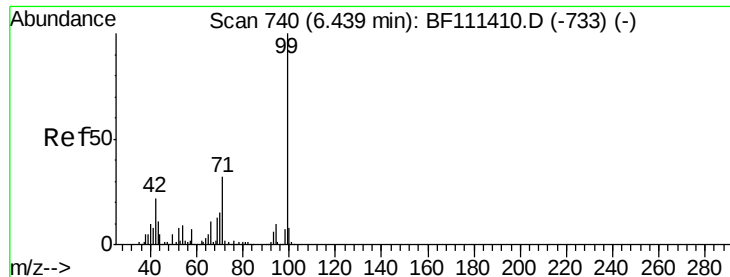
#5
 2-Fluorophenol
 Concen: 132.159 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF111467.D
 Acq: 15 Dec 2018 14:35

Tgt Ion:112 Resp: 1263804
 Ion Ratio Lower Upper
 112 100
 64 59.4 51.8 77.6
 63 31.0 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: 128.775 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111467.D

Acq: 15 Dec 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SUP-5A-C-1-120718

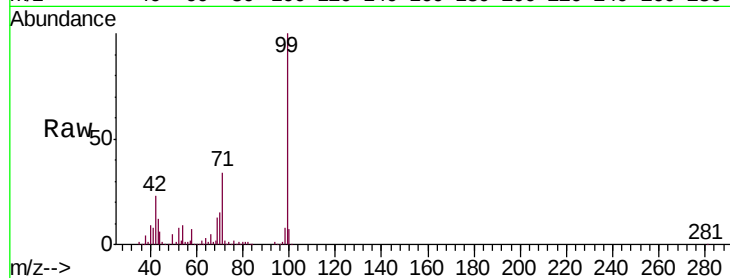
Tgt Ion: 99 Resp: 1638035

Ion Ratio Lower Upper

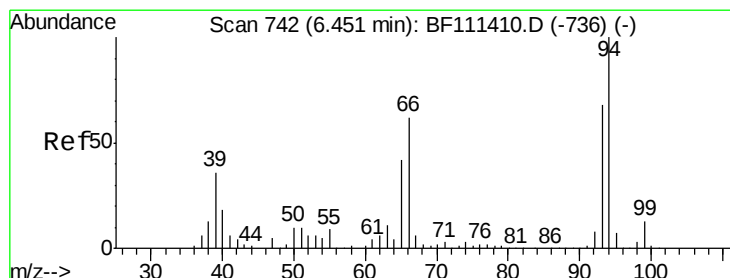
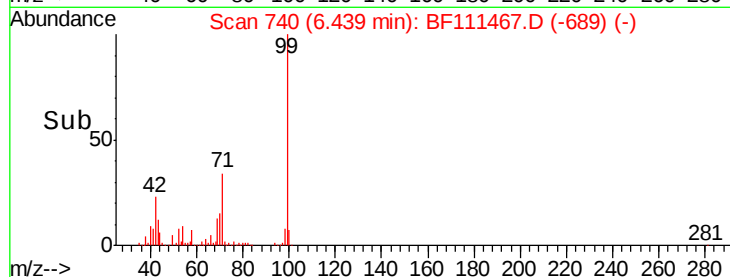
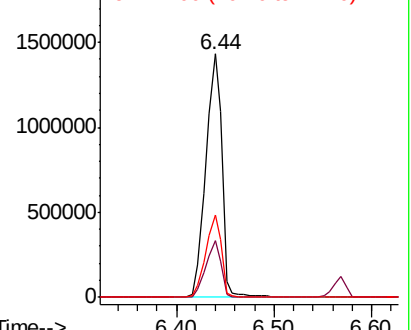
99 100

42 23.2 17.4 26.0

71 34.0 26.1 39.1



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: 6.870 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111467.D

Acq: 15 Dec 2018 14:35

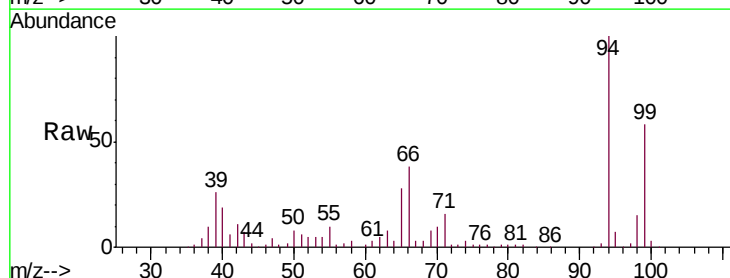
Tgt Ion: 94 Resp: 97351

Ion Ratio Lower Upper

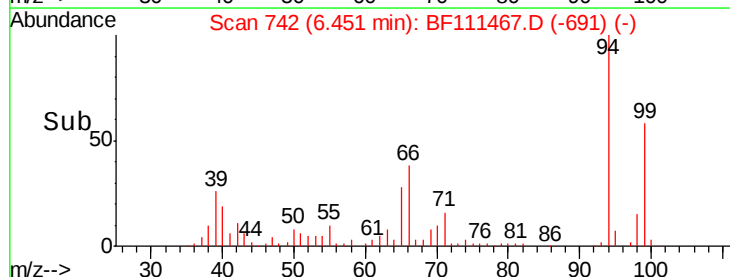
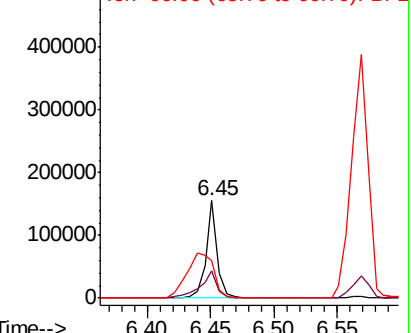
94 100

65 27.6 11.7 51.7

66 38.0 21.0 61.0



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

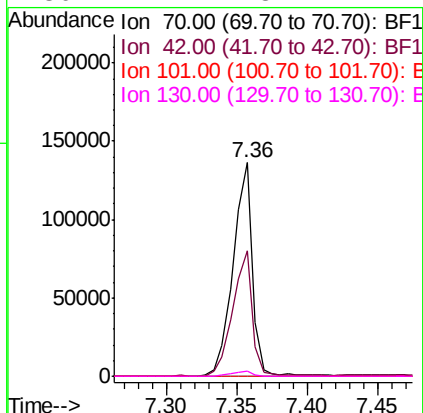
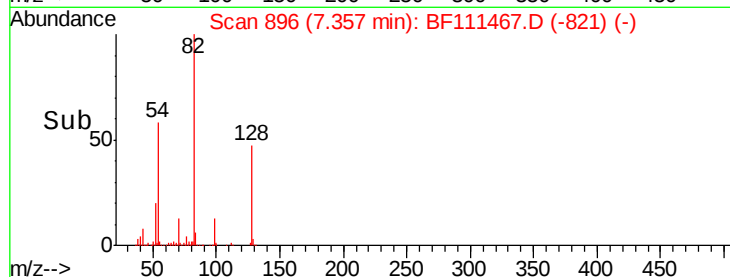
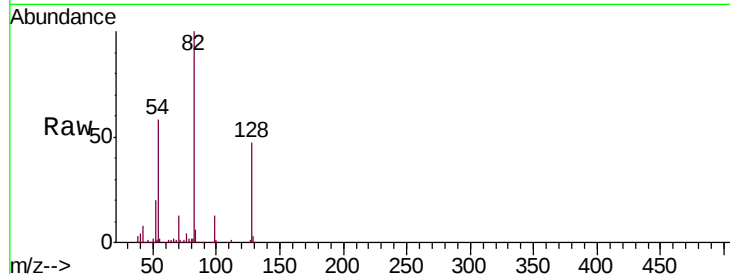




#19
n-Nitroso-di-n-propylamine
Concen: 15.605 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

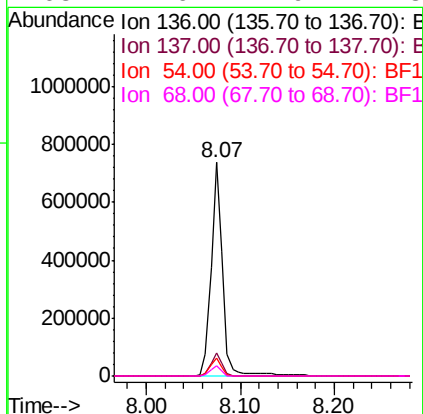
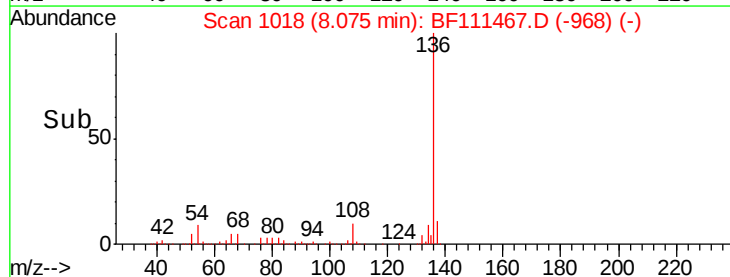
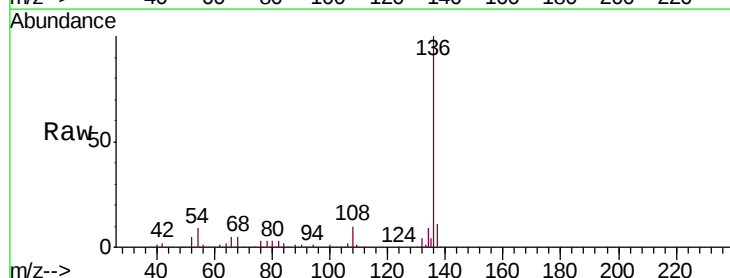
Instrument :
BNA_F
ClientSampleId :
SUP-5A-C-1-120718

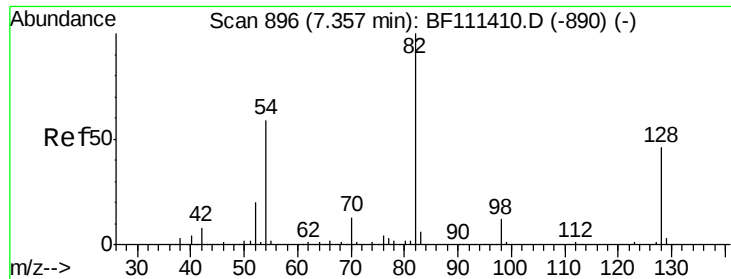
Tgt Ion: 70 Resp: 130960
Ion Ratio Lower Upper
70 100
42 58.8 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

Tgt Ion: 136 Resp: 643005
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 7.7 11.5
68 4.6 4.9 7.3#

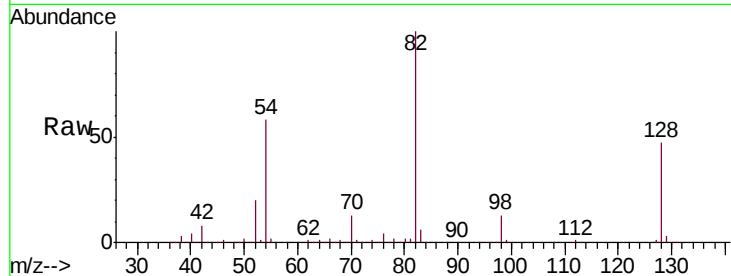




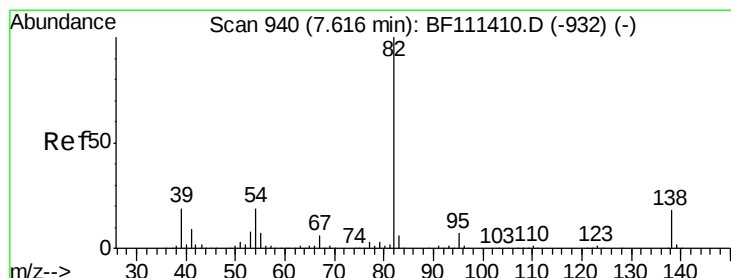
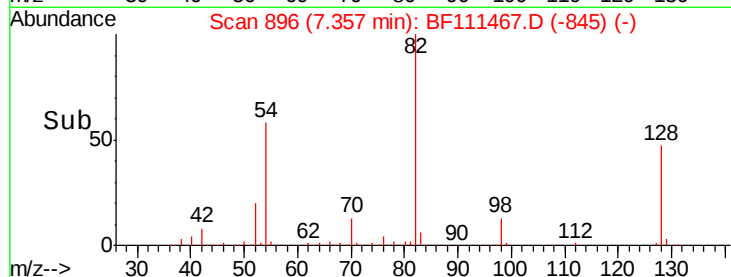
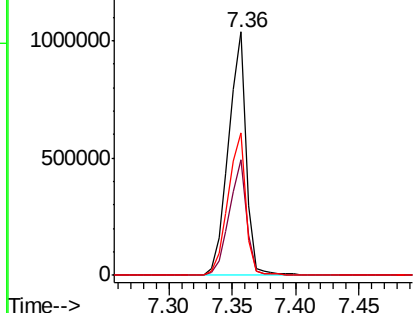
#23
Nitrobenzene-d5
Concen: 93.113 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SUP-5A-C-1-120718

Tgt Ion: 82 Resp: 1005436
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.2
54 58.4 47.6 71.4

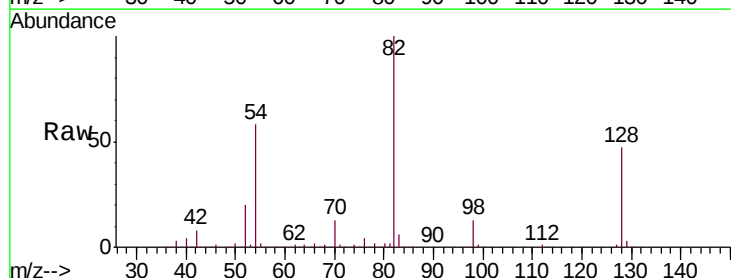


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

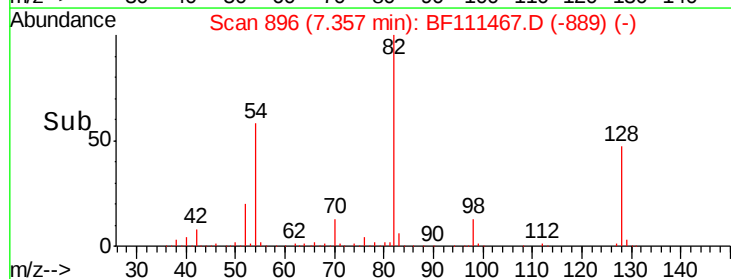
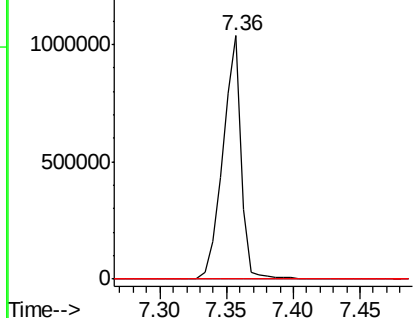


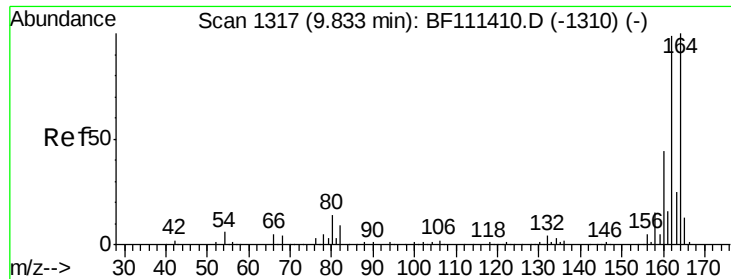
#25
Isophorone
Concen: 55.030 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

Tgt Ion: 82 Resp: 1005421
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111467.D

Acq: 15 Dec 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SUP-5A-C-1-120718

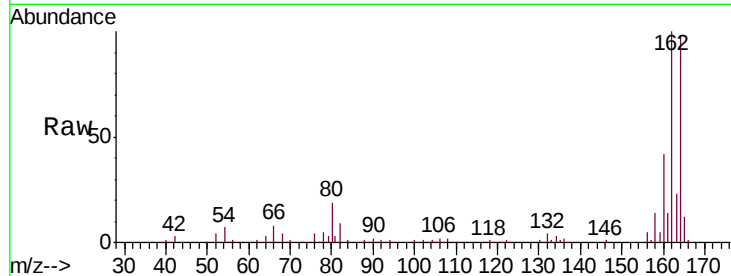
Tgt Ion:164 Resp: 290351

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

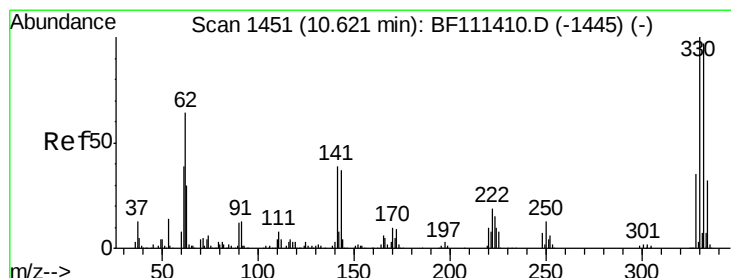
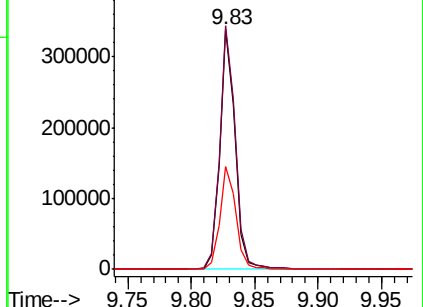
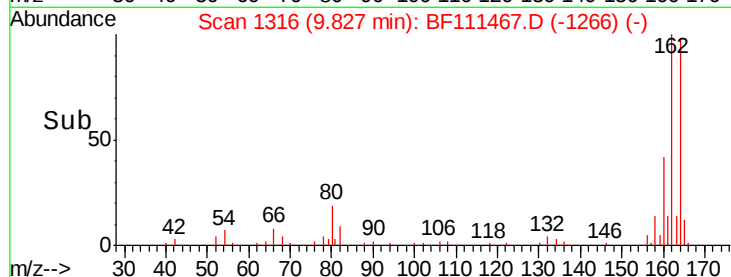
160 43.1 35.7 53.5



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: 89.788 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111467.D

Acq: 15 Dec 2018 14:35

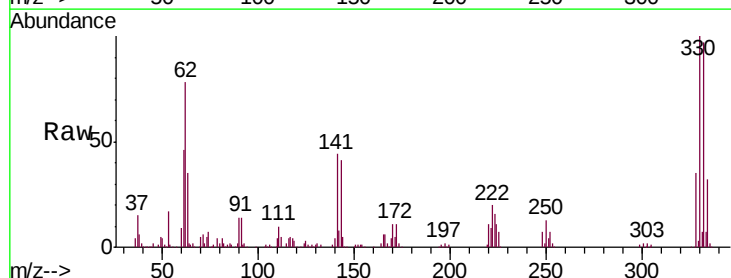
Tgt Ion:330 Resp: 233533

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

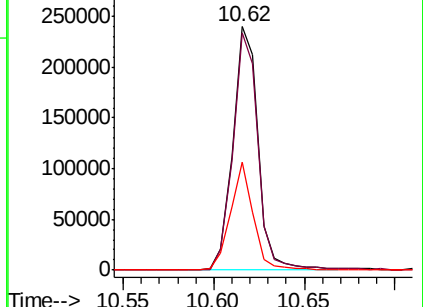
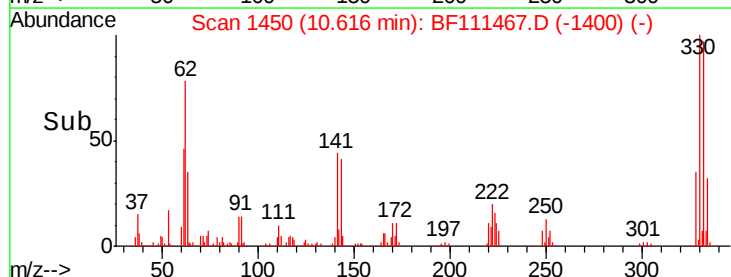
141 40.7 31.0 46.6

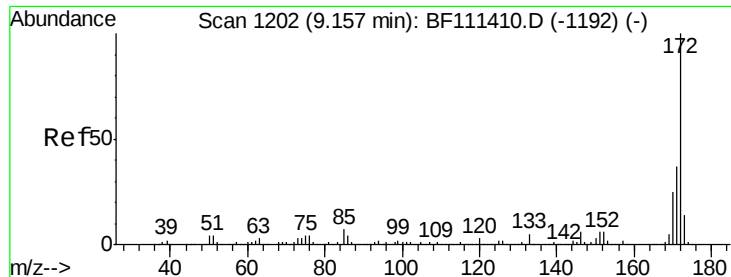


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

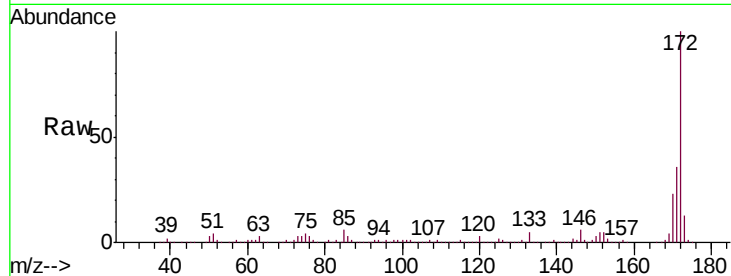




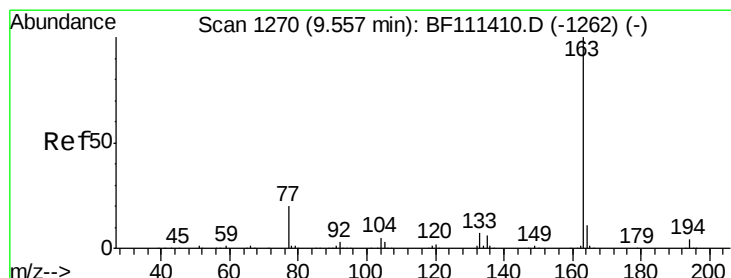
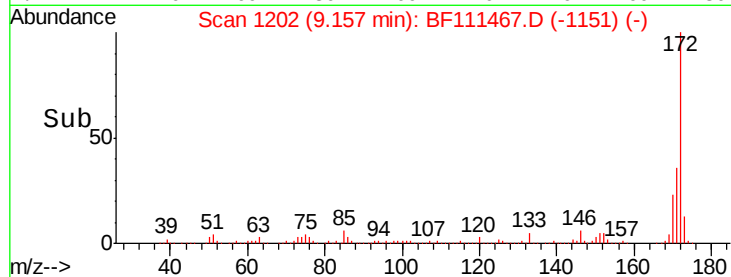
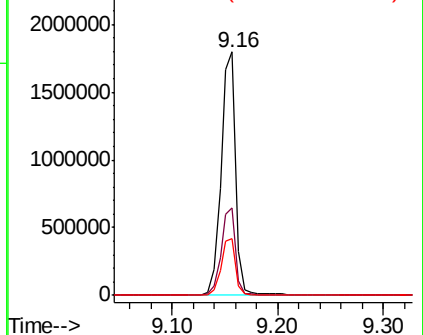
#45
 2-Fluorobiphenyl
 Concen: 93.233 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111467.D
 Acq: 15 Dec 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-5A-C-1-120718

Tgt Ion:172 Resp: 1752524
 Ion Ratio Lower Upper
 172 100
 171 35.9 33.0 49.4
 170 23.3 22.3 33.5

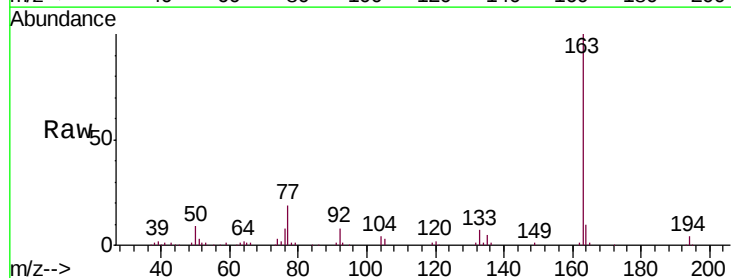


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

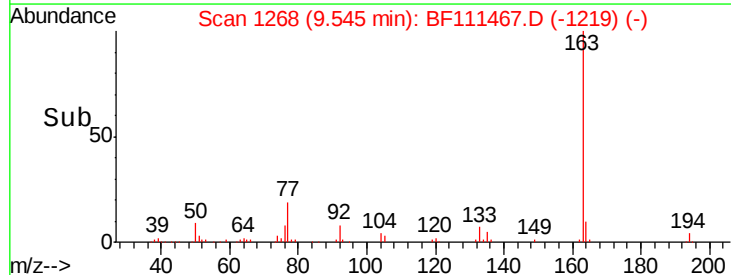
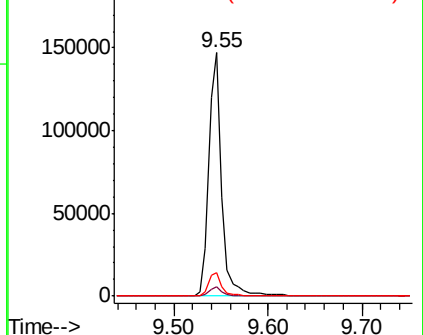


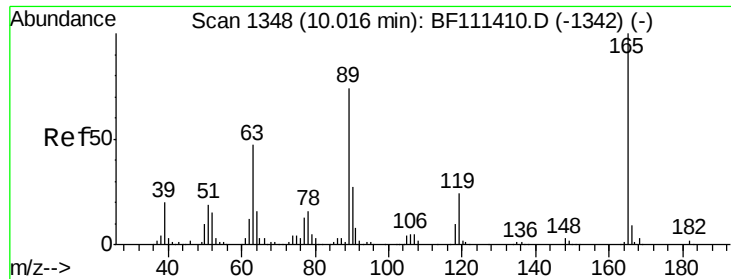
#50
 Dimethylphthalate
 Concen: 6.798 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111467.D
 Acq: 15 Dec 2018 14:35

Tgt Ion:163 Resp: 142160
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

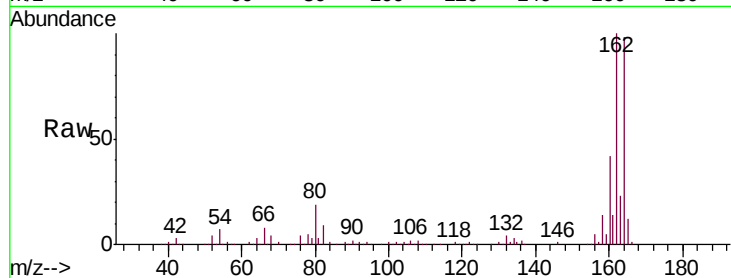




#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SUP-5A-C-1-120718

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#

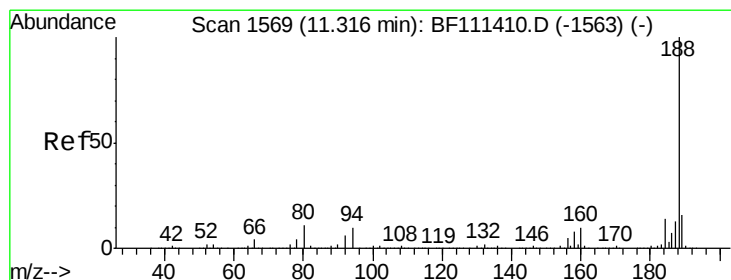
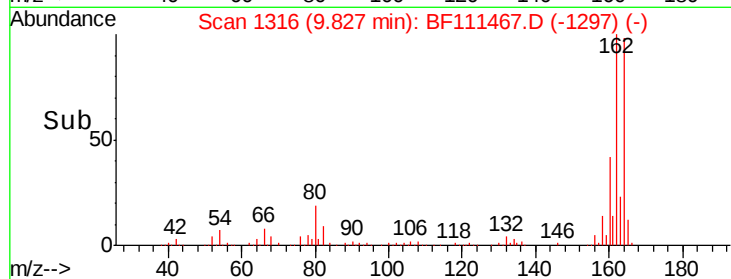
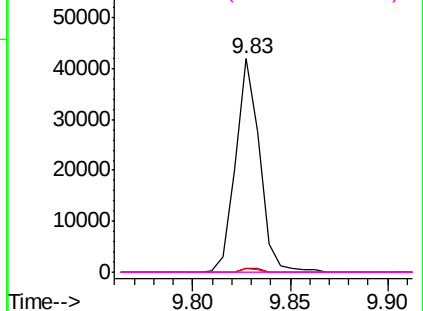


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

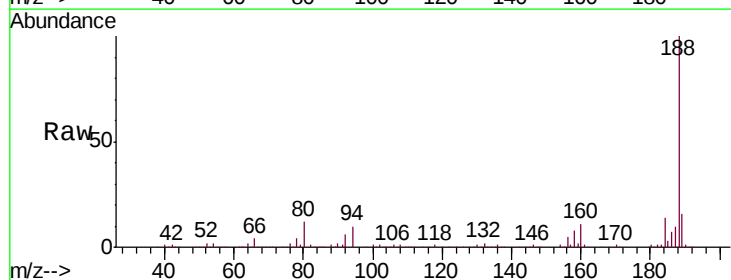
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

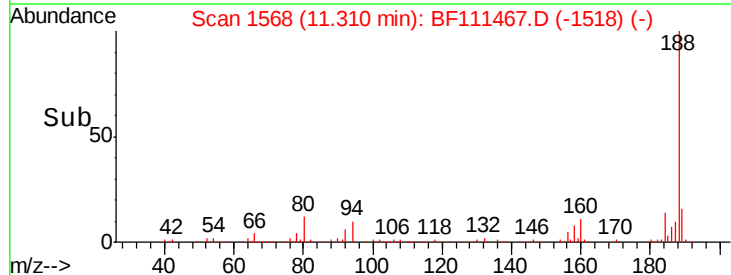
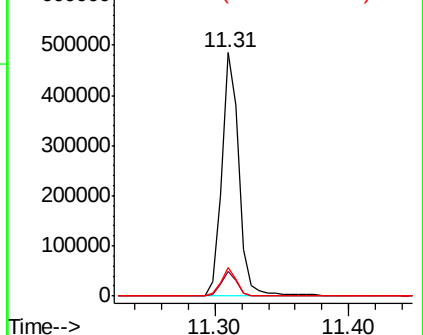
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	11.6	9.8	14.6

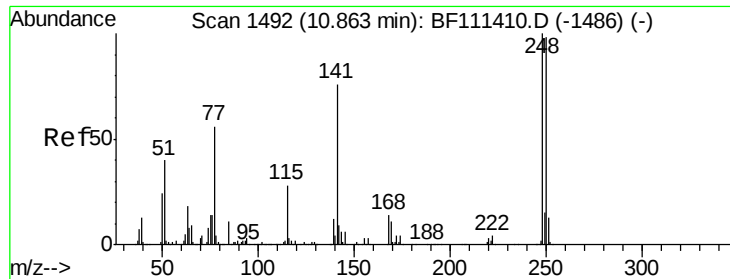


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

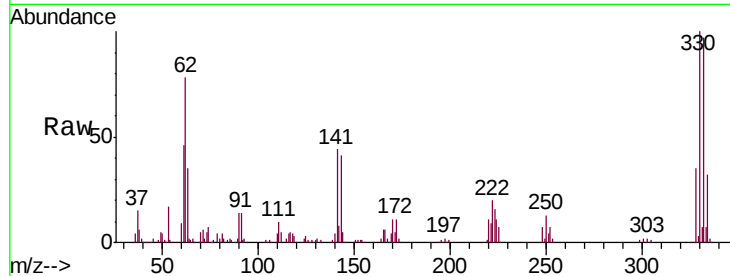




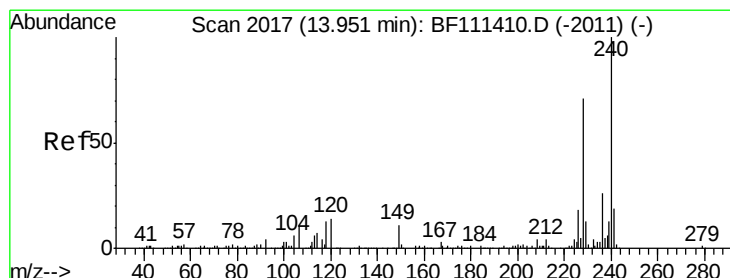
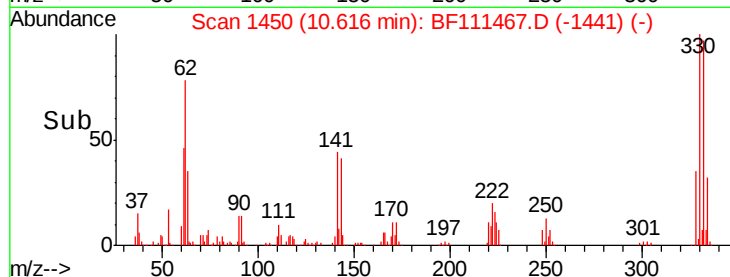
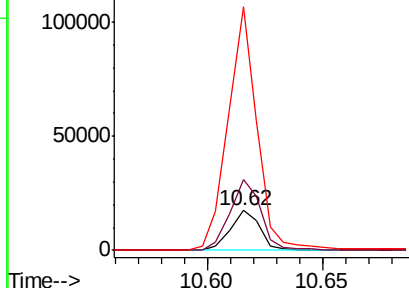
#67
4-Bromophenyl-phenylether
Concen: 3.328 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SUP-5A-C-1-120718

Tgt Ion:248 Resp: 15843
Ion Ratio Lower Upper
248 100
250 178.8 77.0 115.4#
141 610.7 63.0 94.6#

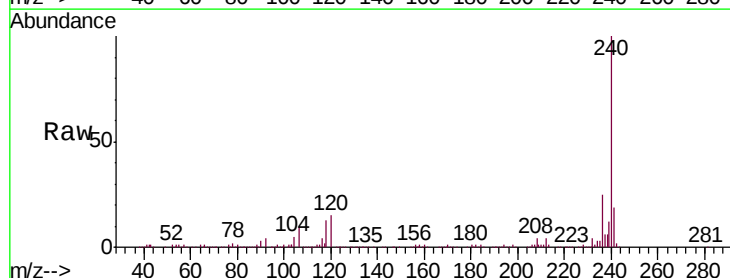


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

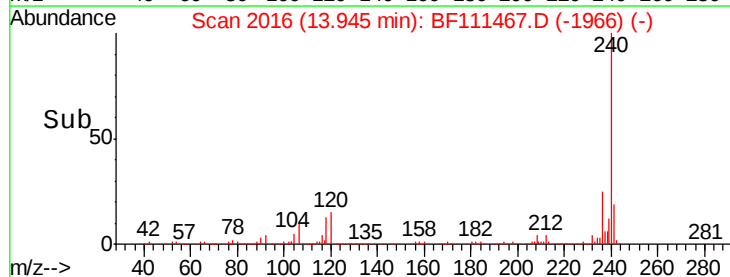
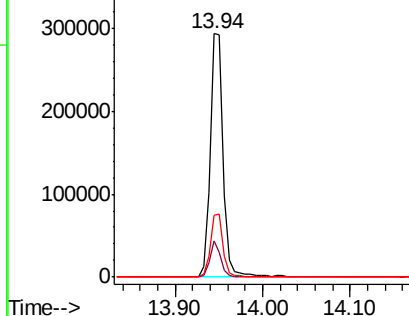


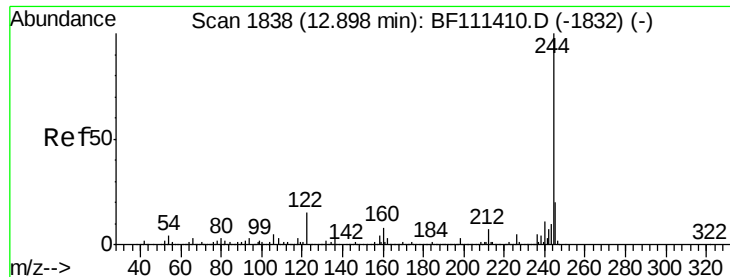
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111467.D
Acq: 15 Dec 2018 14:35

Tgt Ion:240 Resp: 302368
Ion Ratio Lower Upper
240 100
120 14.9 12.2 18.2
236 25.4 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





#79

Terphenyl-d14

Concen: 90.003 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111467.D

Acq: 15 Dec 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SUP-5A-C-1-120718

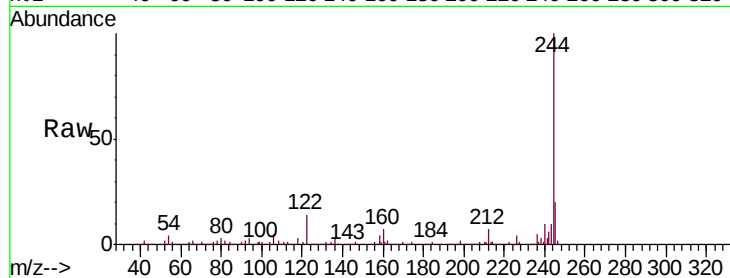
Tgt Ion:244 Resp: 1158919

Ion Ratio Lower Upper

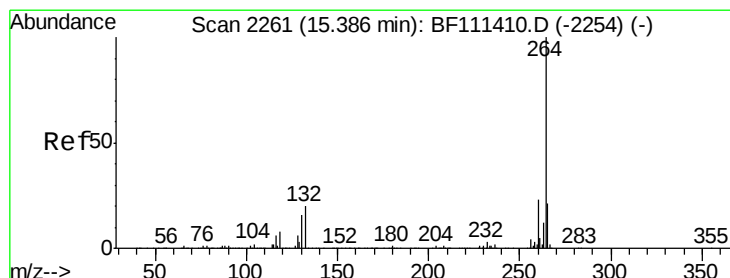
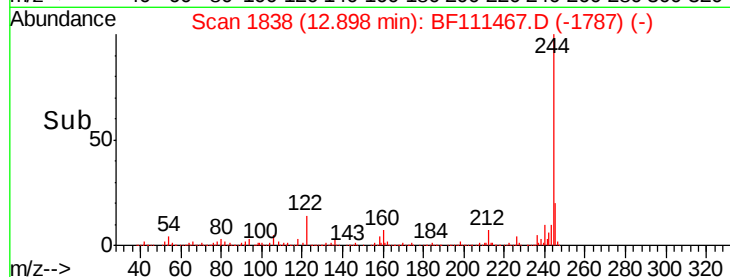
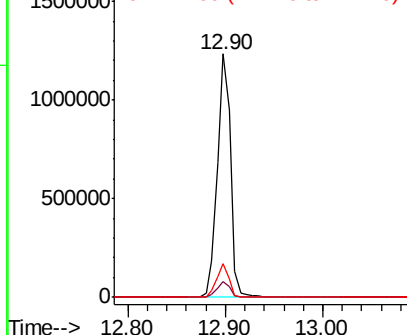
244 100

212 6.7 5.7 8.5

122 13.8 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: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111467.D

Acq: 15 Dec 2018 14:35

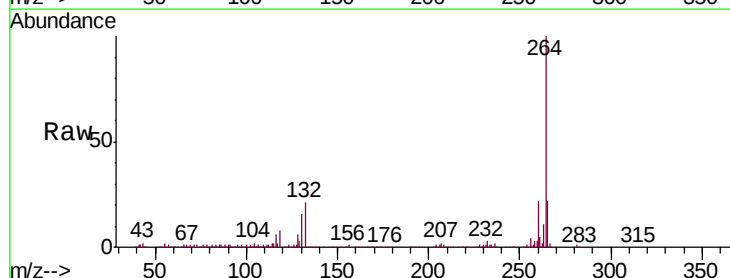
Tgt Ion:264 Resp: 290385

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 21.7 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

