

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111734.D
 Acq On : 27 Dec 2018 00:40
 Operator : JU/SJ
 Sample : J6388-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS010-0612-01

Quant Time: Dec 27 04:00:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

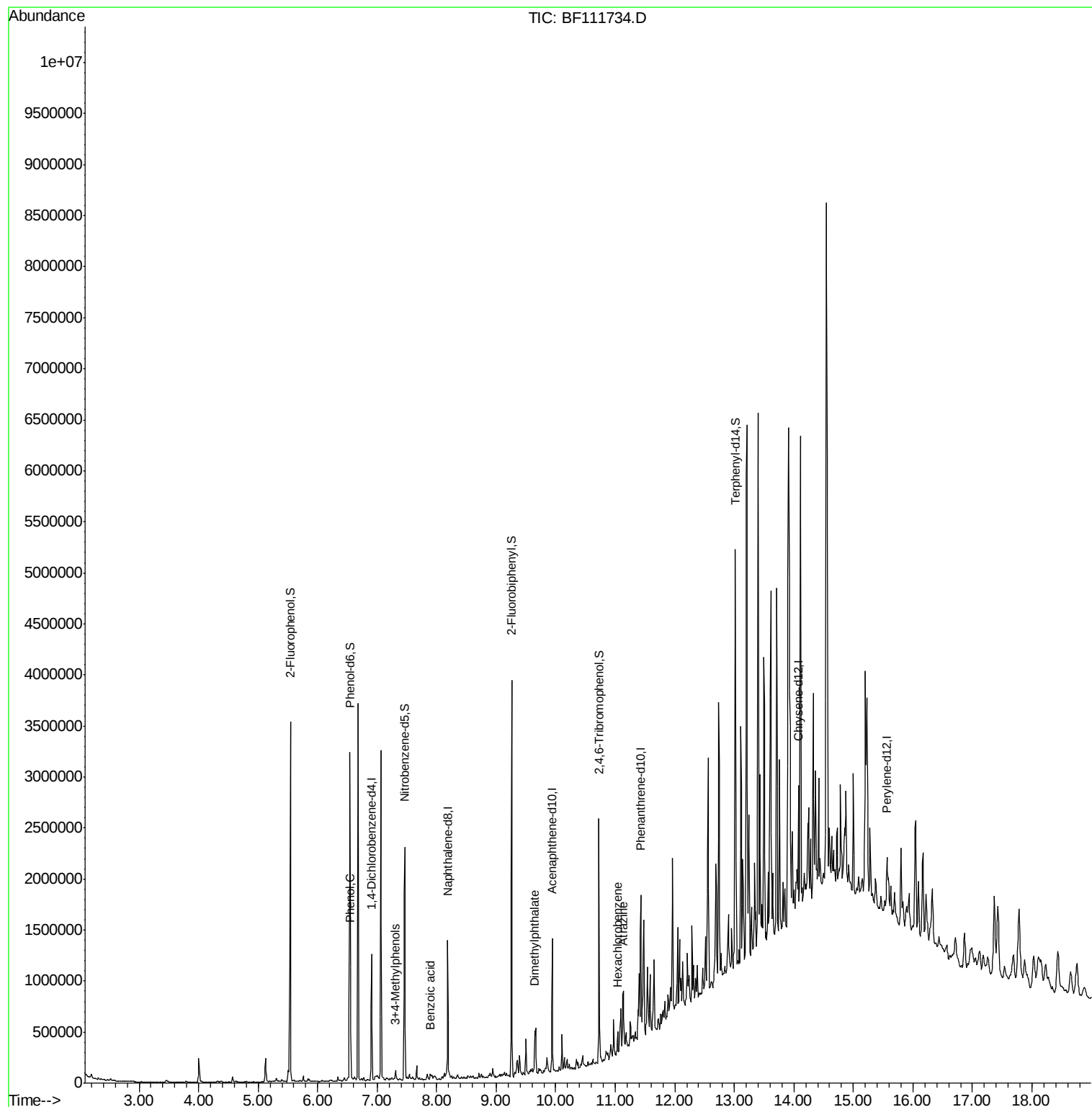
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152860	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	513478	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	232329	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	430512	20.00	ng	0.01
76) Chrysene-d12	14.07	240	324243	20.00	ng	0.02
87) Perylene-d12	15.56	264	249843	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	864613	96.41	ng	0.02
7) Phenol-d6	6.55	99	1022445	89.59	ng	0.02
23) Nitrobenzene-d5	7.46	82	664673	75.35	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	275356	100.31	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1157154	72.60	ng	0.00
79) Terphenyl-d14	13.02	244	1123187	65.69	ng	0.02
Target Compounds						
10) Phenol	6.56	94	136511	10.601	ng	Qvalue 97
20) 3+4-Methylphenols	7.31	107	21978	2.187	ng	# 66
32) Benzoic acid	7.90	122	13190	2.699	ng	95
50) Dimethylphthalate	9.65	163	142647	8.396	ng	100
68) Hexachlorobenzene	11.04	284	23834	4.003	ng	92
69) Atrazine	11.13	200	59890	11.929	ng	# 39

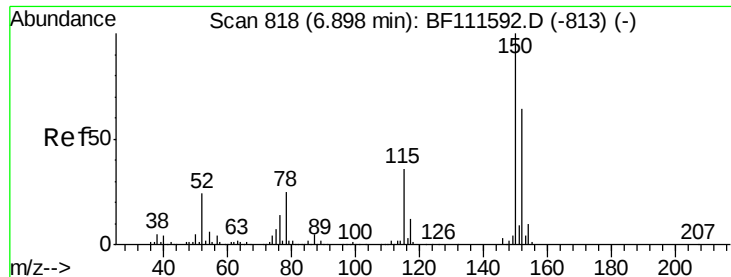
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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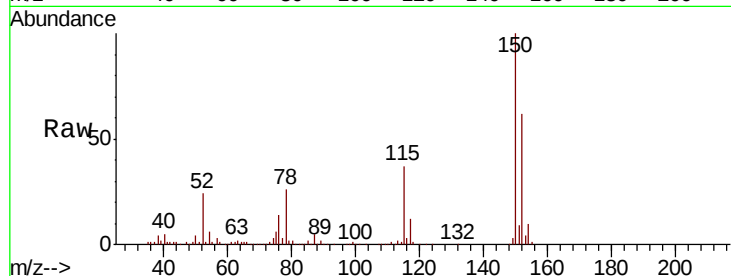


#1

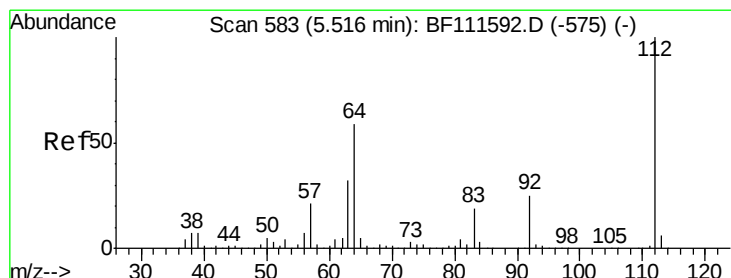
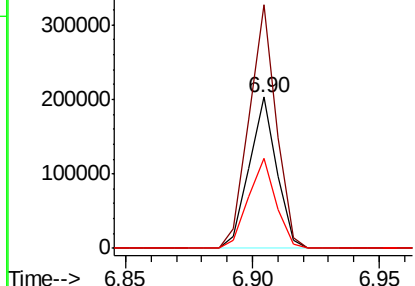
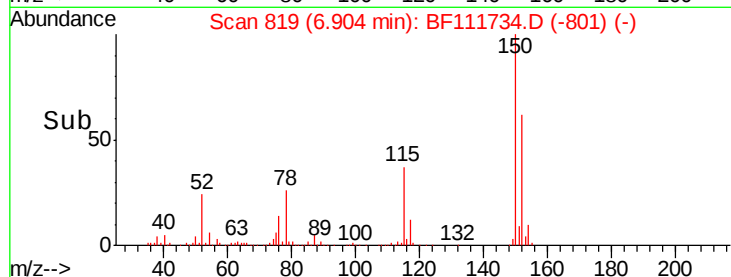
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
P001-SS010-0612-01

Tot Ion:152 Resp: 152860
Ion Ratio Lower Upper
152 100
150 161.4 126.6 189.8
115 59.9 50.7 76.1



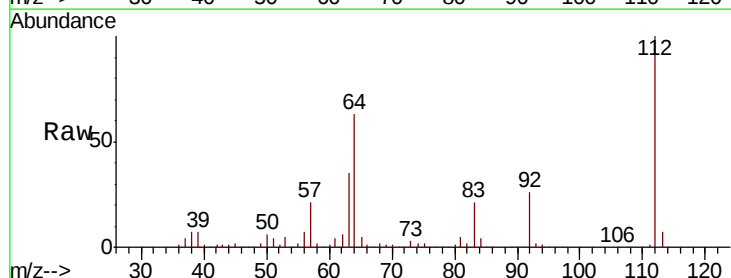
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



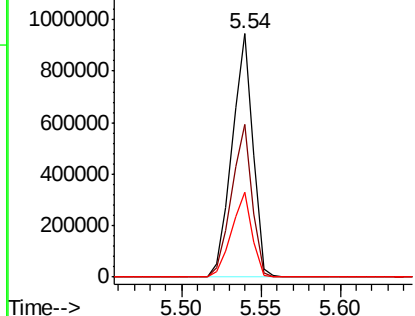
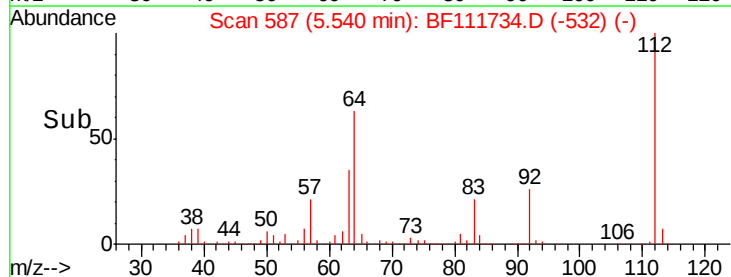
#5

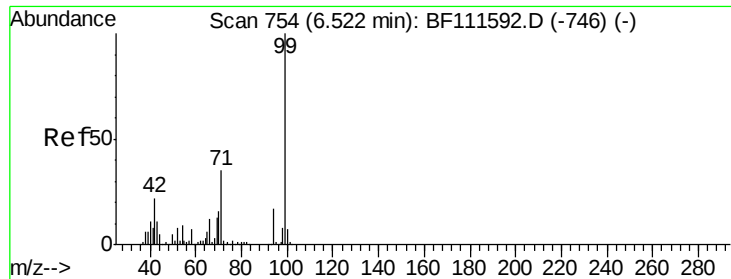
2-Fluorophenol
Concen: 96.413 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion:112 Resp: 864613
Ion Ratio Lower Upper
112 100
64 62.8 51.8 77.6
63 34.8 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: 89.587 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

P001-SS010-0612-01

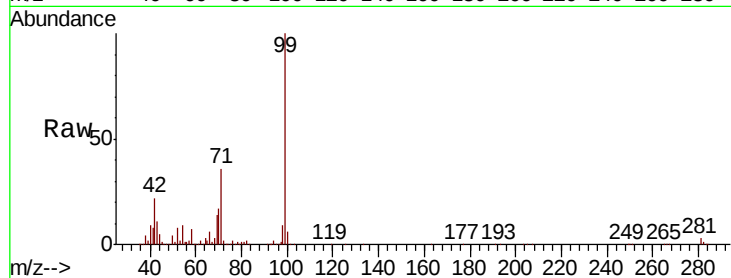
Tot Ion: 99 Resp: 1022445

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

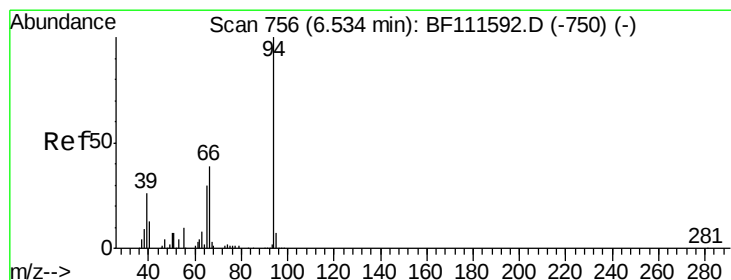
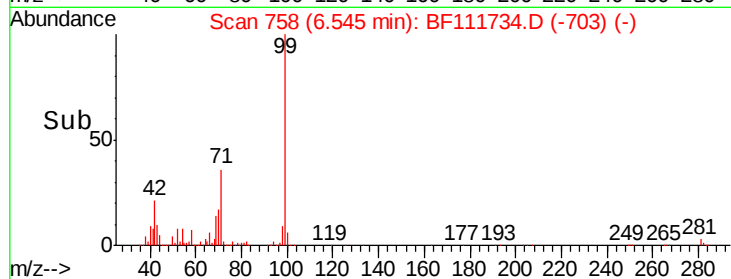
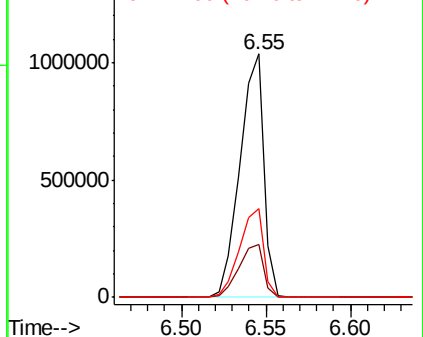
71 36.3 26.1 39.1



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: 10.601 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

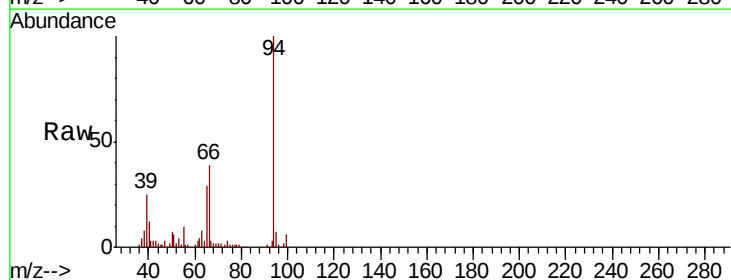
Tgt Ion: 94 Resp: 136511

Ion Ratio Lower Upper

94 100

65 29.4 11.7 51.7

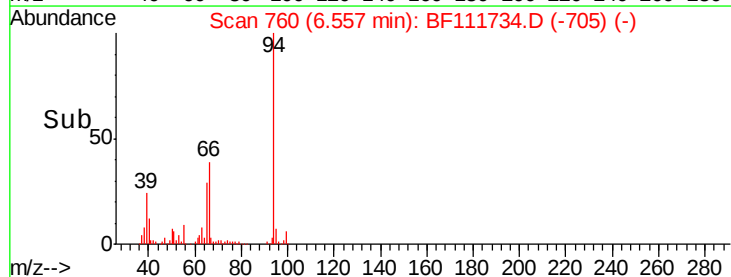
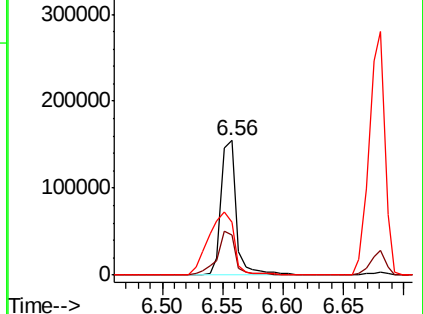
66 39.4 21.0 61.0

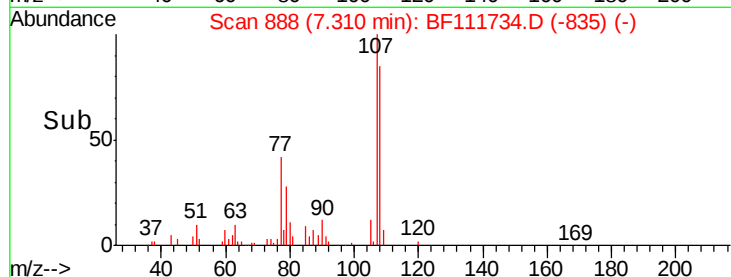
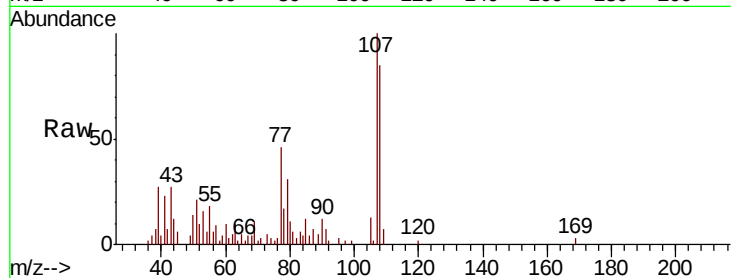
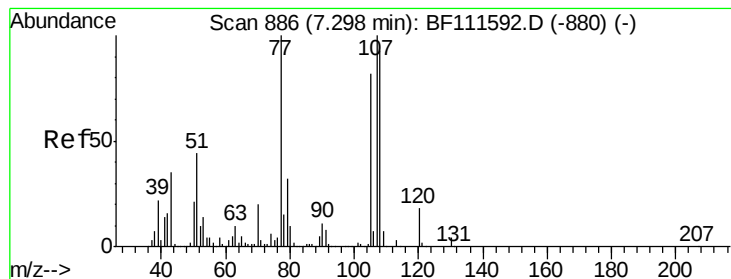


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 2.187 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

P001-SS010-0612-01

Tot Ion:107 Resp: 21978

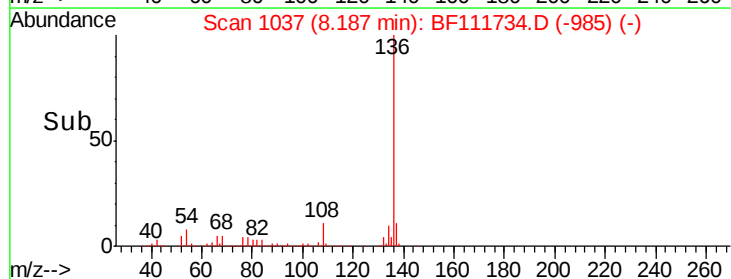
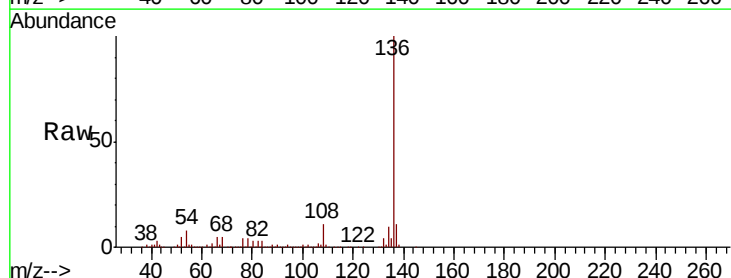
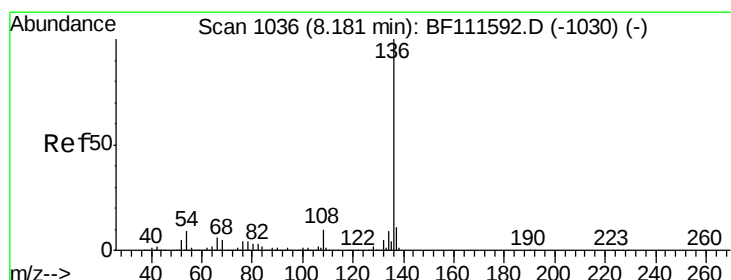
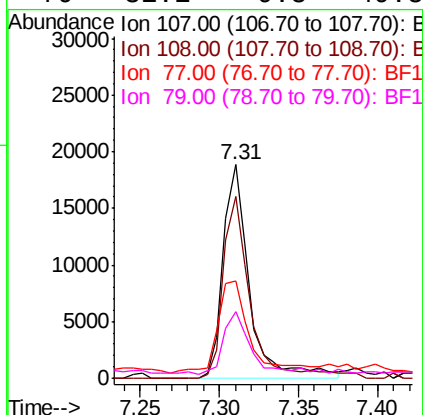
Ion Ratio Lower Upper

107 100

108 84.9 72.1 112.1

77 45.8 94.1 134.1#

79 31.1 9.8 49.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Tgt Ion:136 Resp: 513478

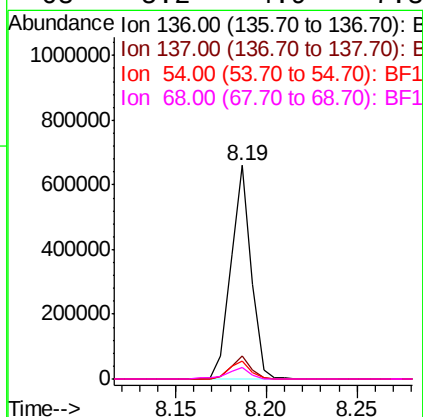
Ion Ratio Lower Upper

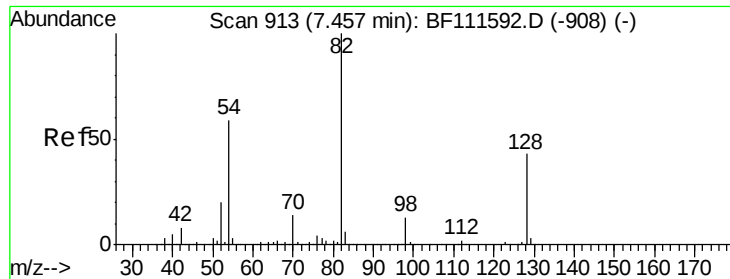
136 100

137 11.1 9.1 13.7

54 8.2 7.7 11.5

68 5.2 4.9 7.3

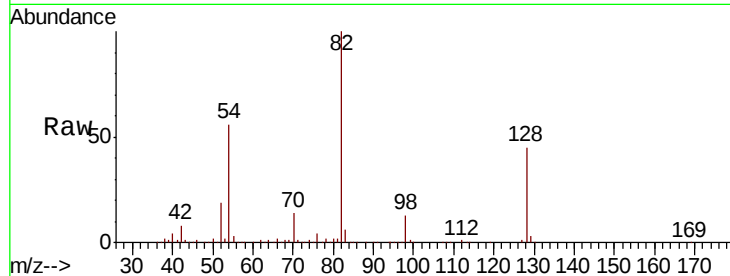




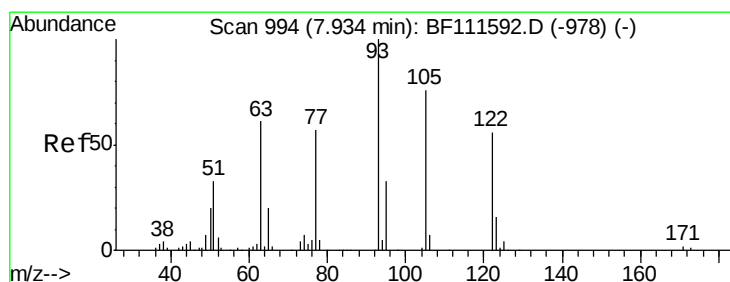
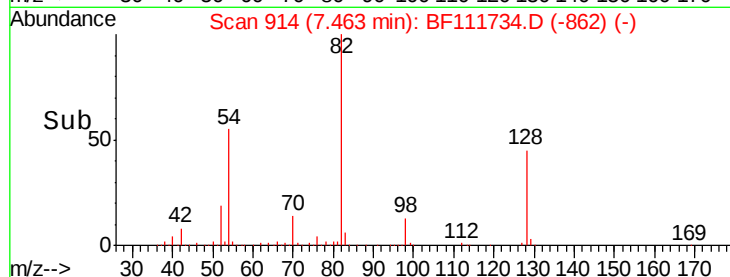
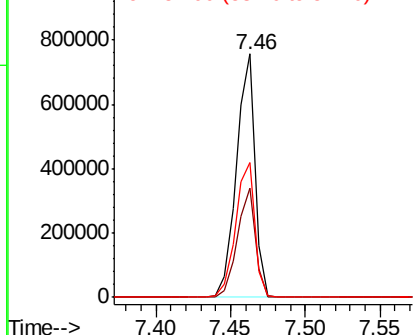
#23
Nitrobenzene-d5
Concen: 75.347 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
P001-SS010-0612-01

Tot Ion: 82 Resp: 664673
Ion Ratio Lower Upper
82 100
128 44.6 37.4 56.2
54 55.6 47.6 71.4

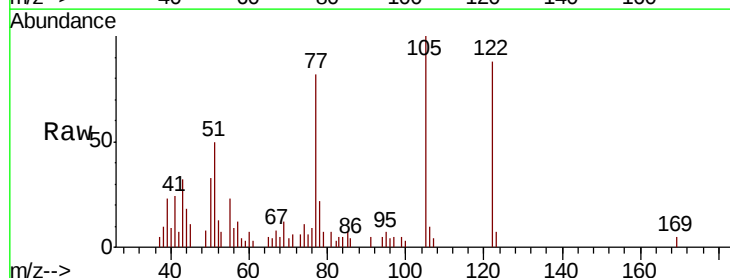


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

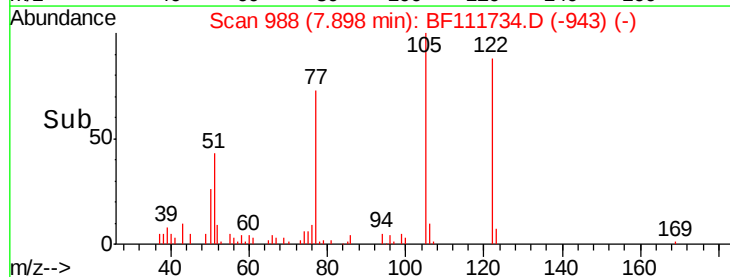
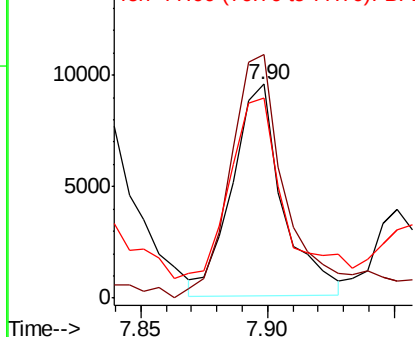


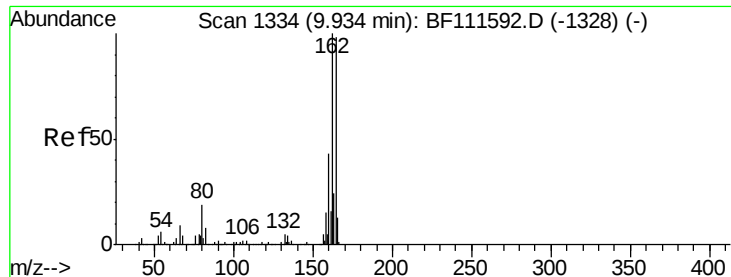
#32
Benzoic acid
Concen: 2.699 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion:122 Resp: 13190
Ion Ratio Lower Upper
122 100
105 113.9 97.0 137.0
77 93.7 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

P001-SS010-0612-01

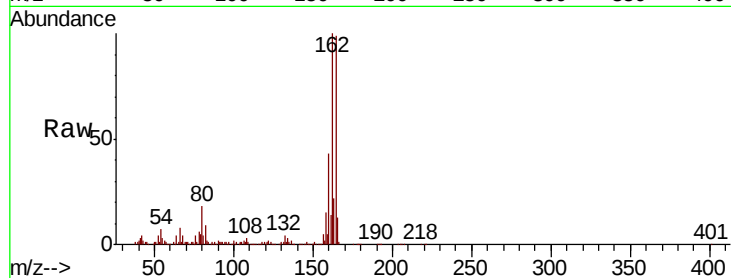
Tot Ion:164 Resp: 232329

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

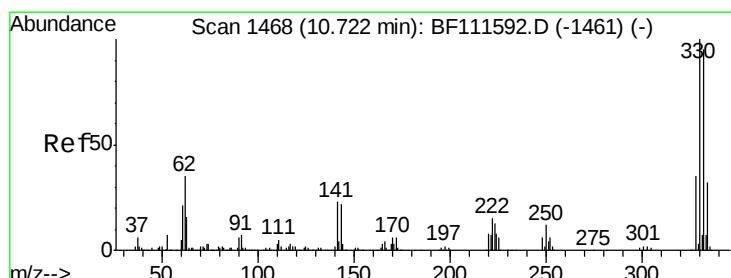
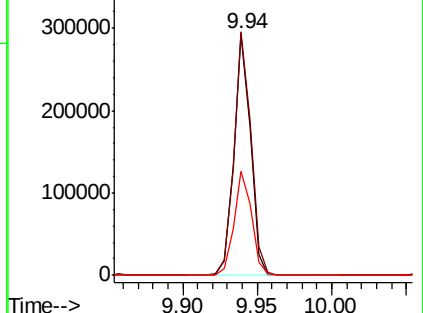
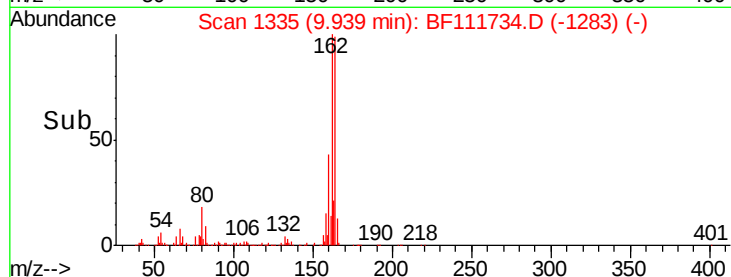
160 42.9 35.7 53.5



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: 100.307 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

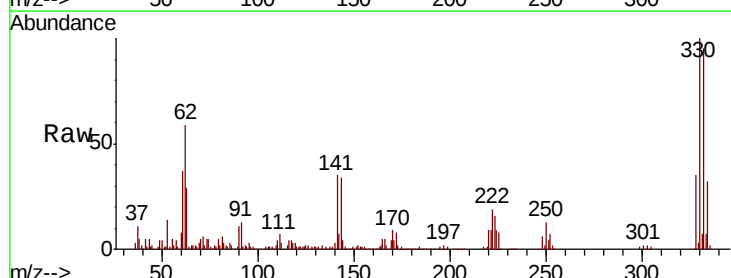
Tgt Ion:330 Resp: 275356

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

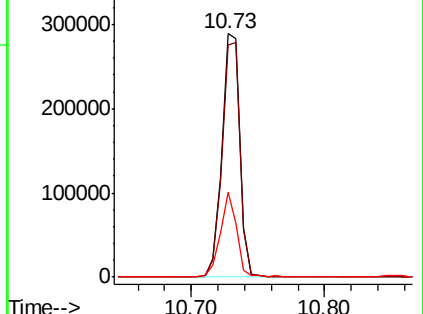
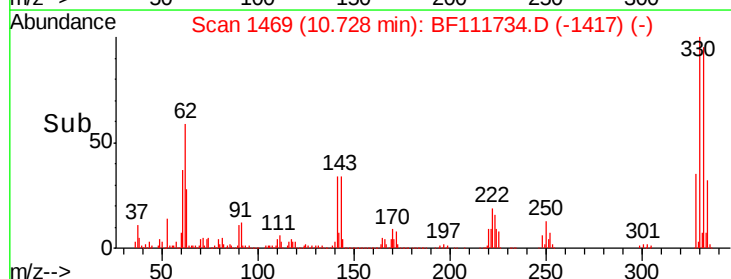
141 30.9 31.0 46.6#

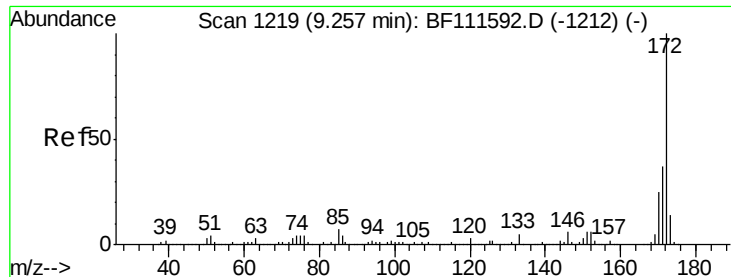


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

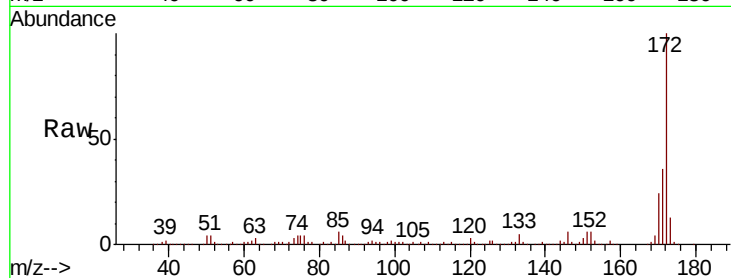




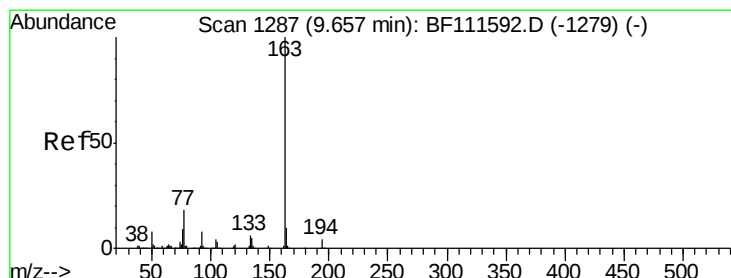
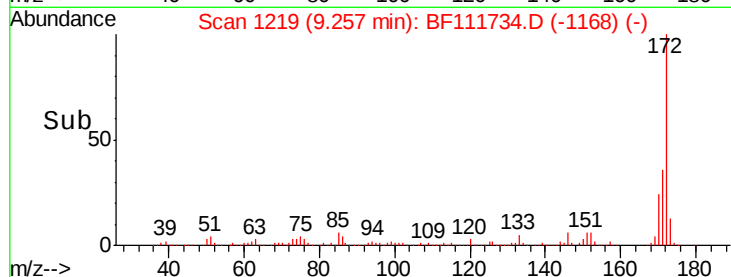
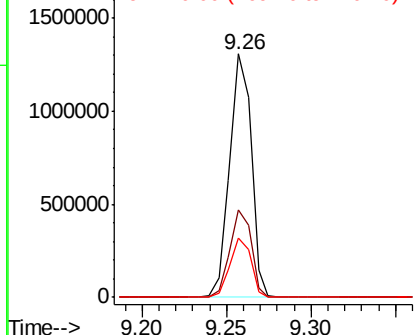
#45
2-Fluorobiphenyl
Concen: 72.597 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
P001-SS010-0612-01

Tot Ion:172 Resp: 1157154
Ion Ratio Lower Upper
172 100
171 35.7 33.0 49.4
170 24.1 22.3 33.5

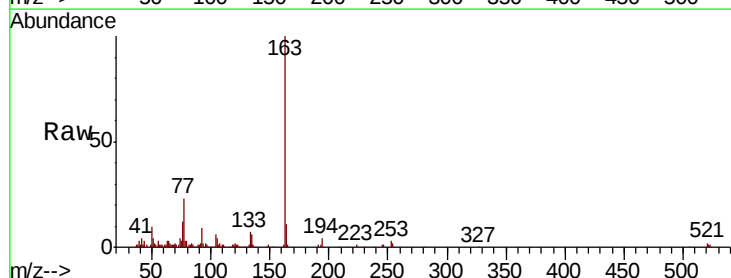


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

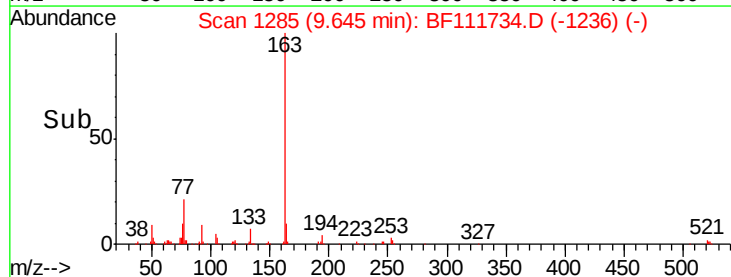
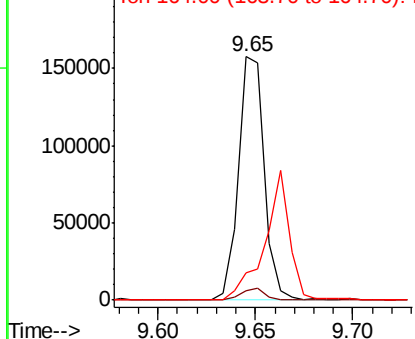


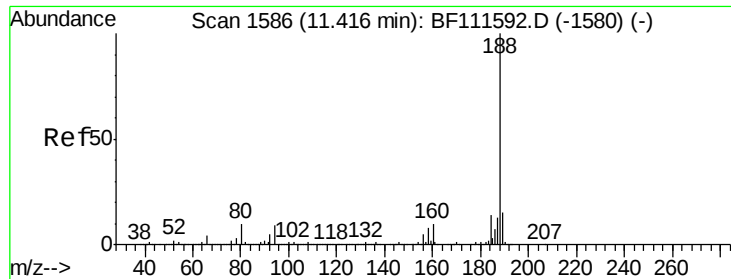
#50
Dimethylphthalate
Concen: 8.396 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion:163 Resp: 142647
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 11.0 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

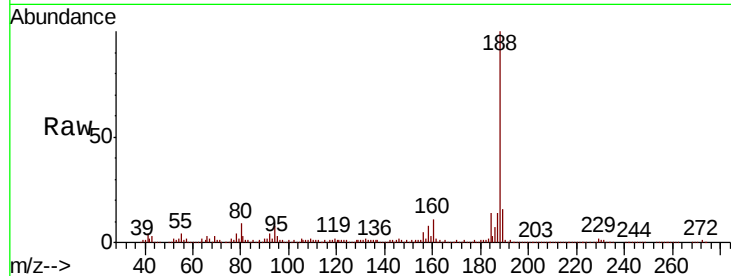




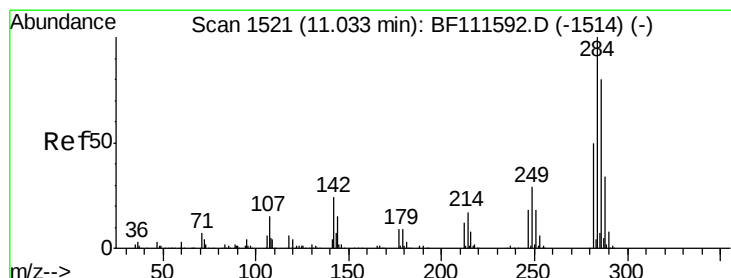
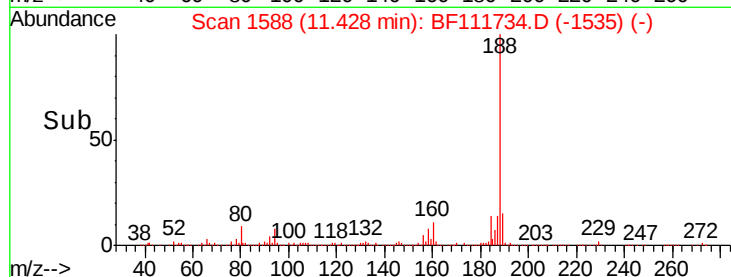
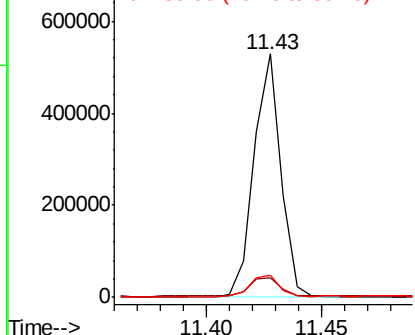
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
P001-SS010-0612-01

Tot Ion:188 Resp: 430512
Ion Ratio Lower Upper
188 100
94 8.3 9.6 14.4#
80 8.9 9.8 14.6#

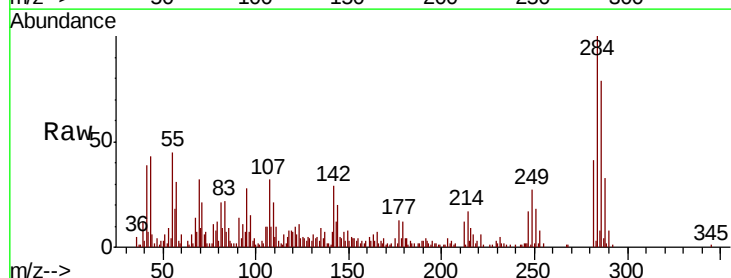


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

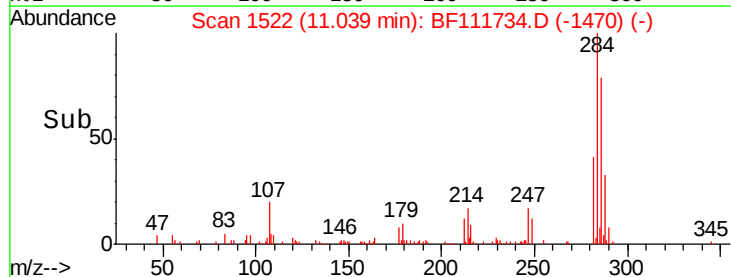
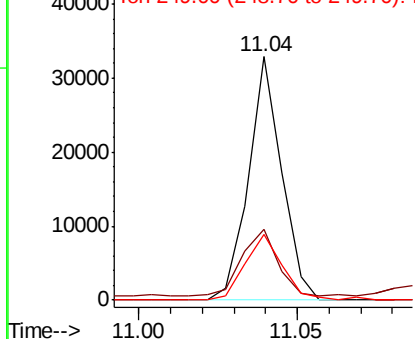


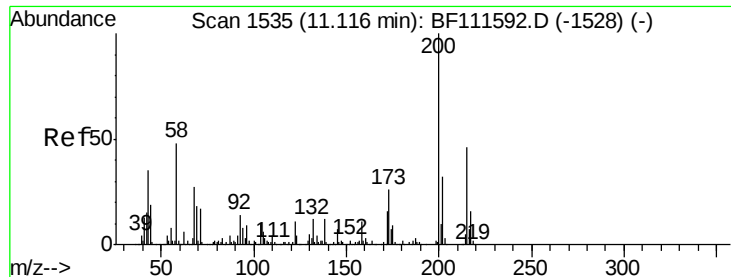
#68
Hexachlorobenzene
Concen: 4.003 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion:284 Resp: 23834
Ion Ratio Lower Upper
284 100
142 29.2 27.4 41.2
249 26.9 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 11.929 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

P001-SS010-0612-01

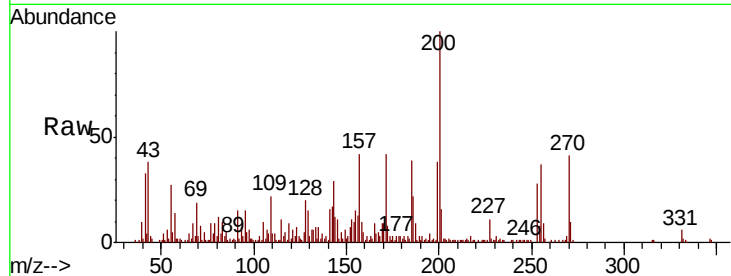
Tot Ion:200 Resp: 59890

Ion Ratio Lower Upper

200 100

173 3.1 10.1 50.1#

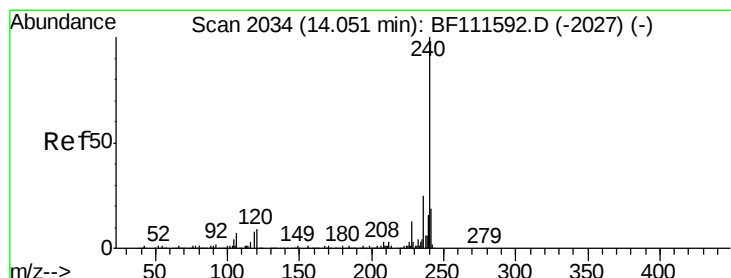
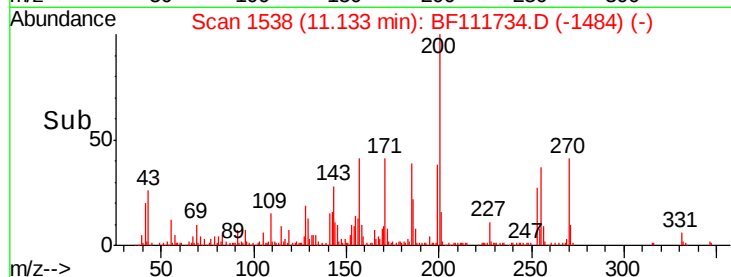
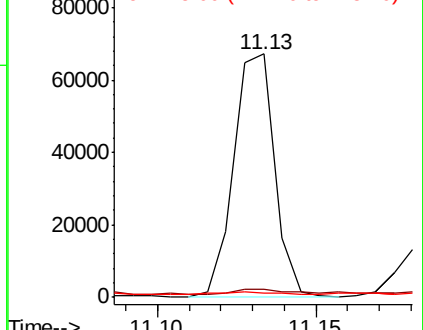
215 1.9 26.9 66.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

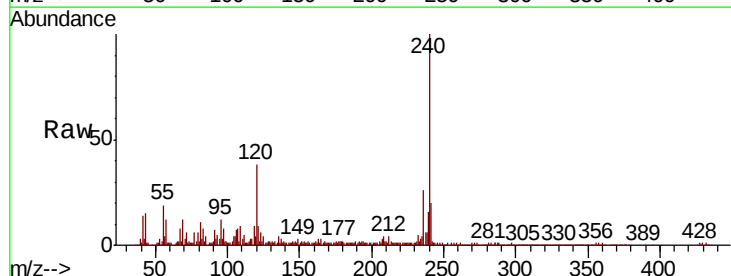
Tgt Ion:240 Resp: 324243

Ion Ratio Lower Upper

240 100

120 37.8 12.2 18.2#

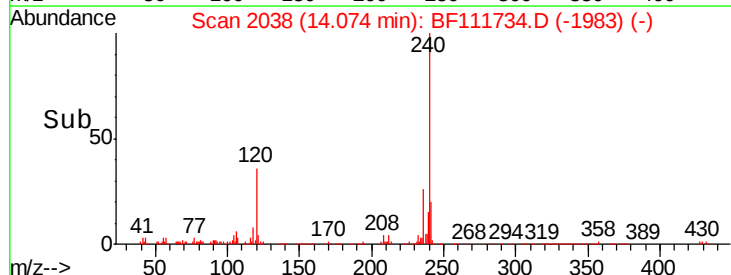
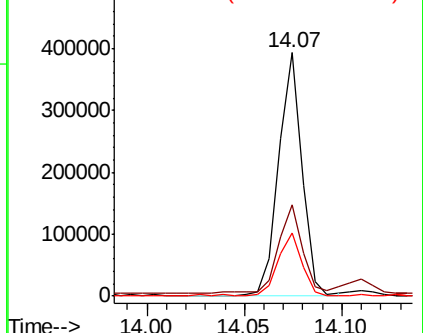
236 26.0 20.2 30.2

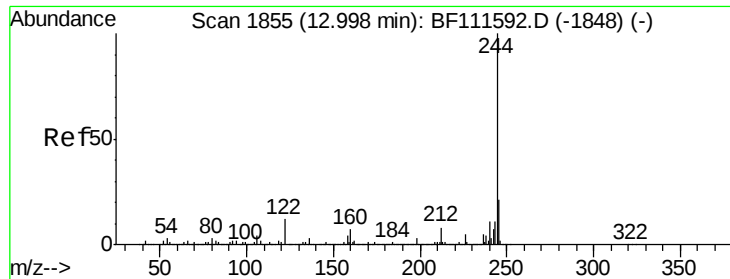


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.692 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

P001-SS010-0612-01

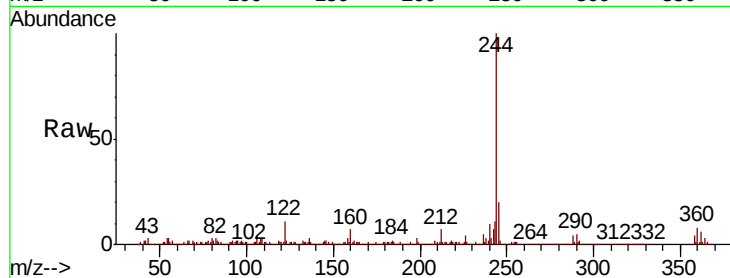
Tot Ion:244 Resp: 1123187

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

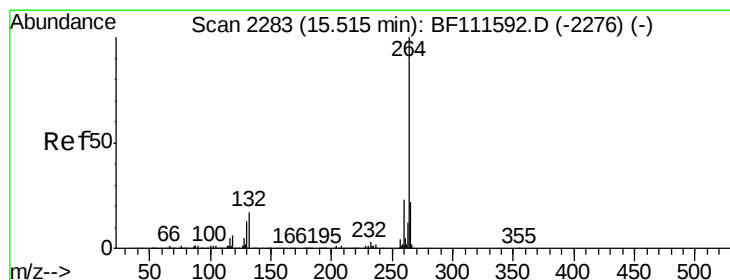
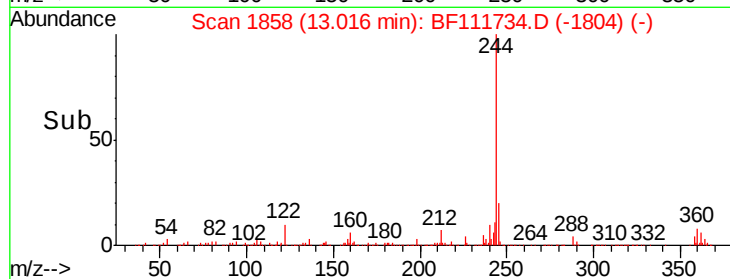
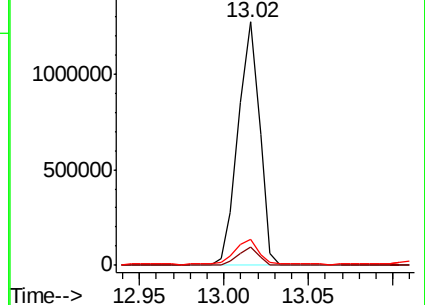
122 10.8 13.1 19.7#



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: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

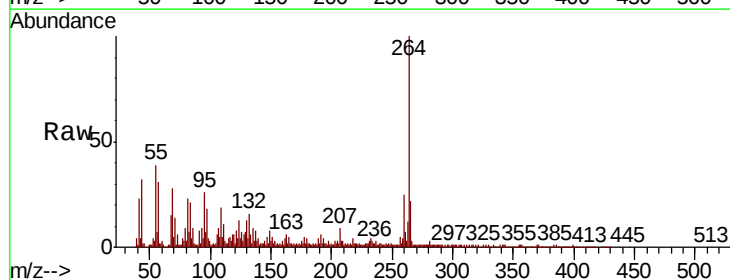
Tgt Ion:264 Resp: 249843

Ion Ratio Lower Upper

264 100

260 24.6 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

