

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111512.D
 Acq On : 16 Dec 2018 16:57
 Operator : JU/SJ
 Sample : J6391-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01

Quant Time: Dec 17 06:42:05 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

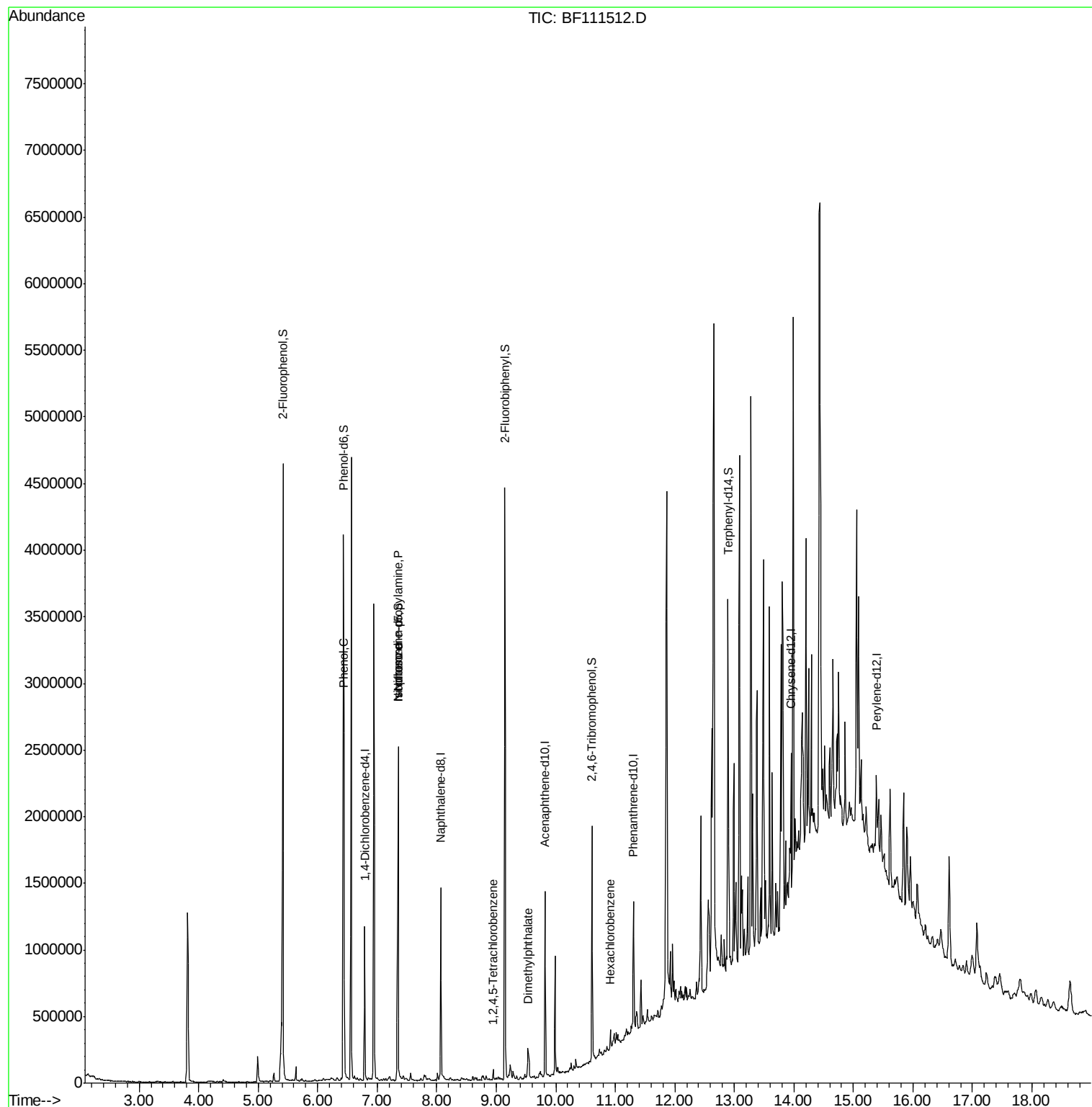
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152040	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	605718	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	253009	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	338677	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	364816	20.00	ng	0.00
87) Perylene-d12	15.39	264	307399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1250649	136.88	ng	0.00
7) Phenol-d6	6.43	99	1388330	114.23	ng	0.00
23) Nitrobenzene-d5	7.35	82	852023	83.76	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	182071	80.33	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1308060	79.86	ng	-0.01
79) Terphenyl-d14	12.90	244	764288	49.20	ng	0.00
Target Compounds						
10) Phenol	6.45	94	123292	9.107	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	114408	14.269	ng	# 79
25) Isophorone	7.35	82	851837	49.494	ng	# 64
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	14264	2.056	ng	98
50) Dimethylphthalate	9.53	163	74534	4.091	ng	97
68) Hexachlorobenzene	10.92	284	18366	4.891	ng	96

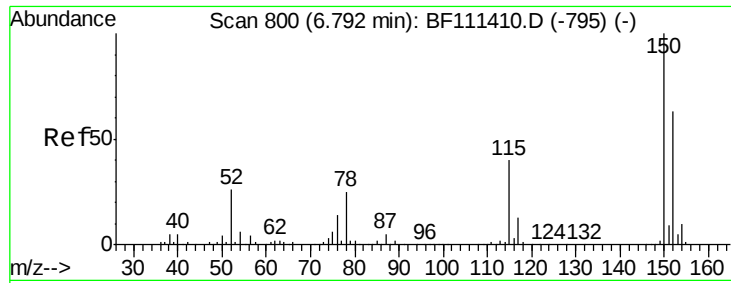
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111512.D
Acq On : 16 Dec 2018 16:57
Operator : JU/SJ
Sample : J6391-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Quant Time: Dec 17 06:42:05 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



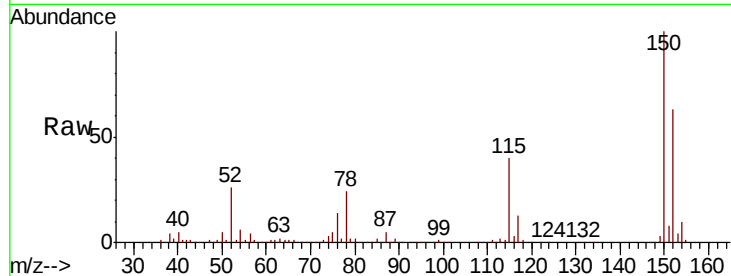


#1

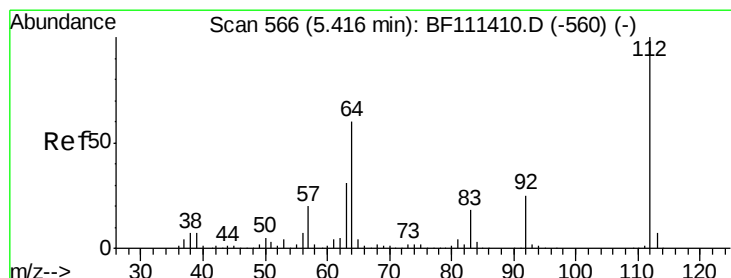
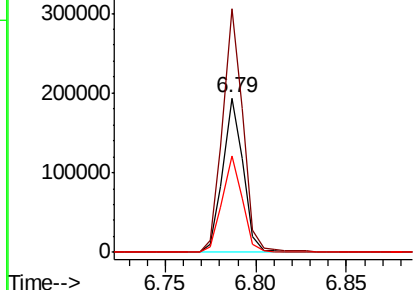
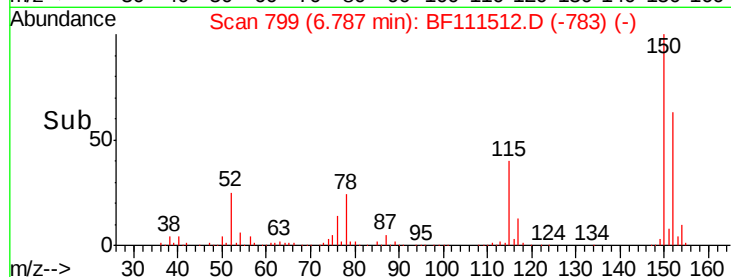
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111512.D
 Acq: 16 Dec 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01

Tgt Ion:152 Resp: 152040
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 189.8
 115 62.6 50.7 76.1



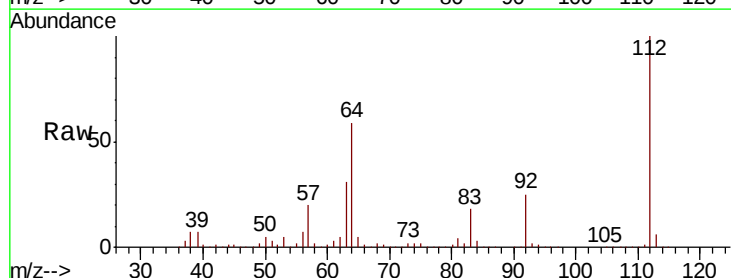
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



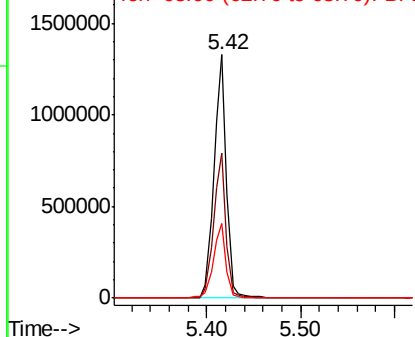
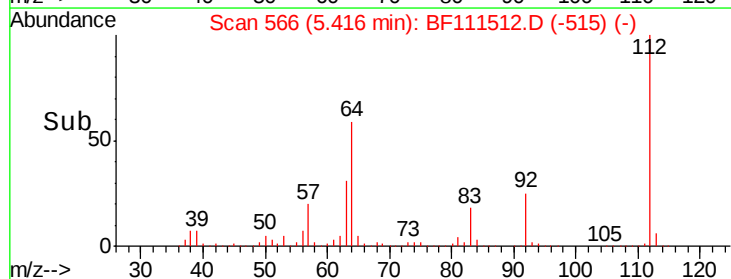
#5

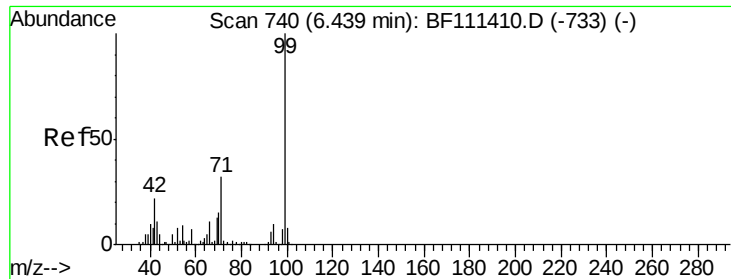
2-Fluorophenol
 Concen: 136.882 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111512.D
 Acq: 16 Dec 2018 16:57

Tgt Ion:112 Resp: 1250649
 Ion Ratio Lower Upper
 112 100
 64 59.4 51.8 77.6
 63 30.9 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: 114.234 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01

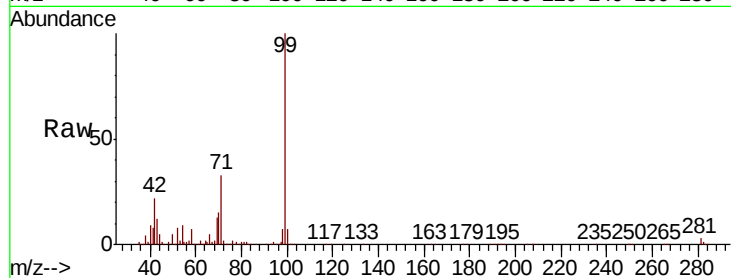
Tgt Ion: 99 Resp: 1388330

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

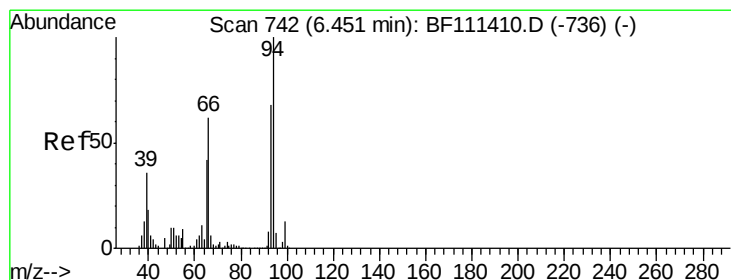
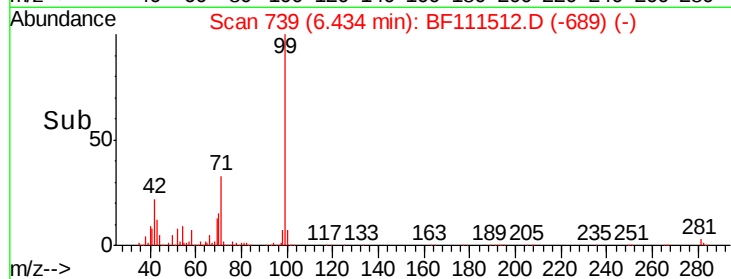
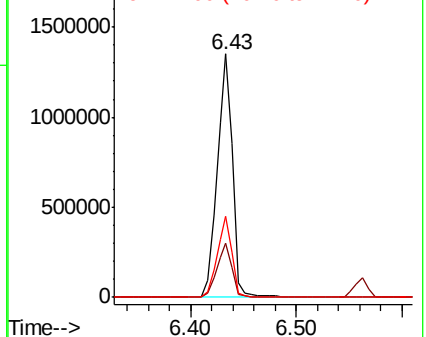
71 33.4 26.1 39.1



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: 9.107 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

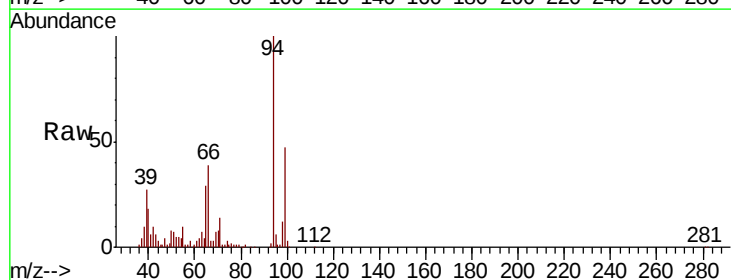
Tgt Ion: 94 Resp: 123292

Ion Ratio Lower Upper

94 100

65 28.6 11.7 51.7

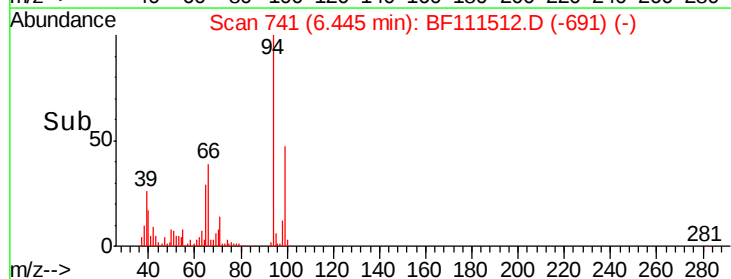
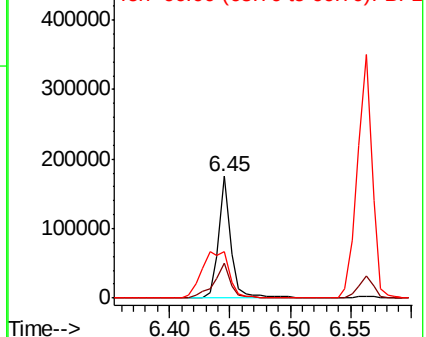
66 38.6 21.0 61.0

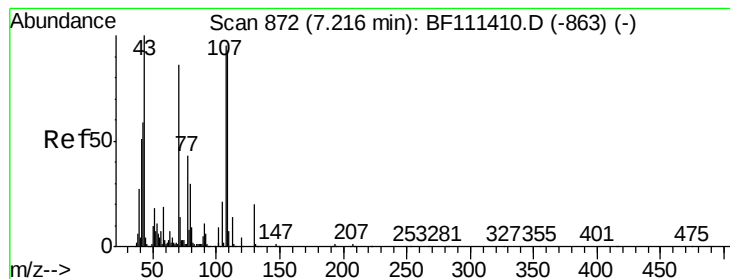


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 14.269 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

Instrument :

BNA_F

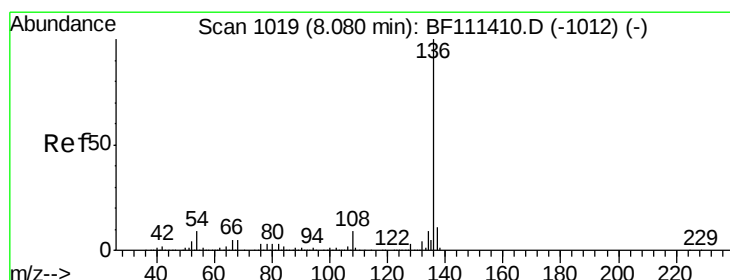
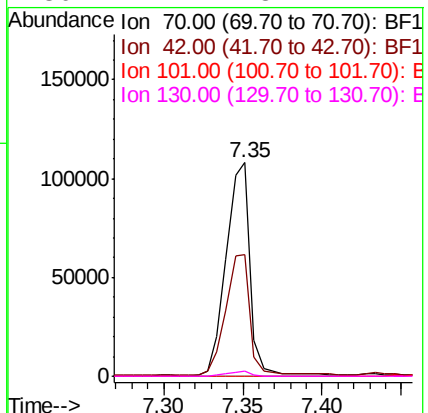
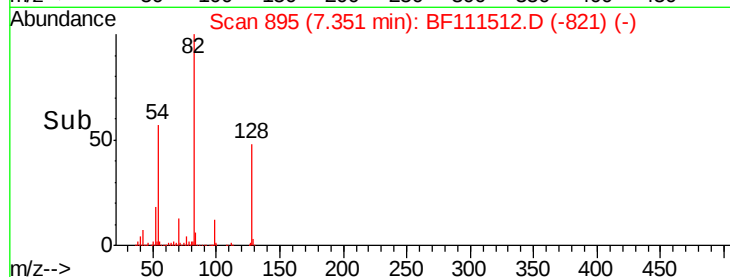
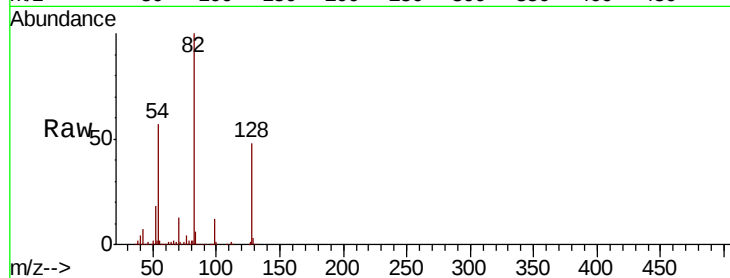
ClientSampleId :

P001-SS015-0612-01

Tgt Ion: 70 Resp: 114408

Ion Ratio Lower Upper

70	100		
42	56.7	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# 1017

Delta R.T. -0.01 min

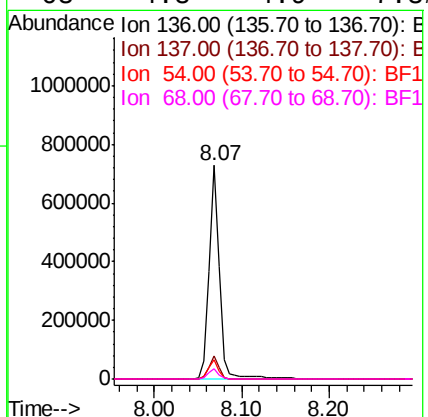
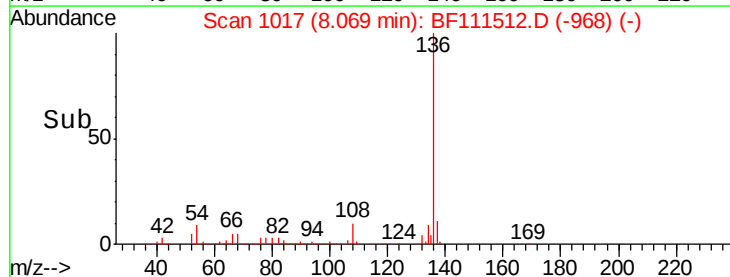
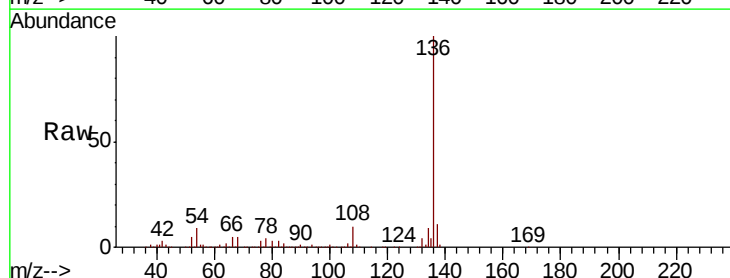
Lab File: BF111512.D

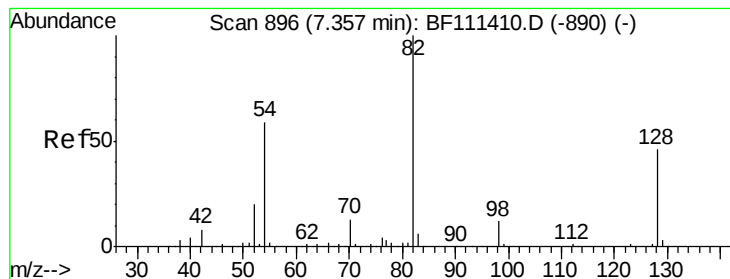
Acq: 16 Dec 2018 16:57

Tgt Ion: 136 Resp: 605718

Ion Ratio Lower Upper

136	100		
137	10.8	9.1	13.7
54	8.8	7.7	11.5
68	4.8	4.9	7.3#





#23

Nitrobenzene-d5

Concen: 83.763 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01

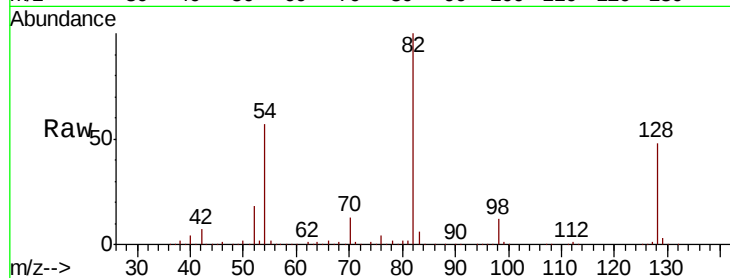
Tgt Ion: 82 Resp: 852023

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

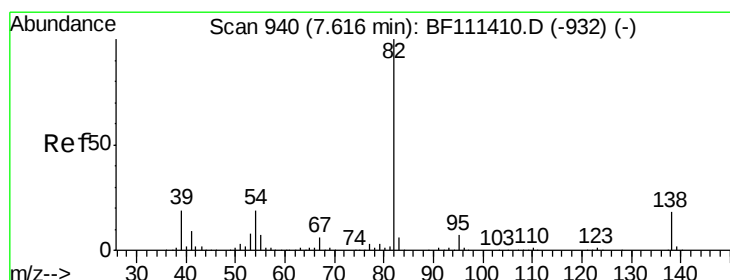
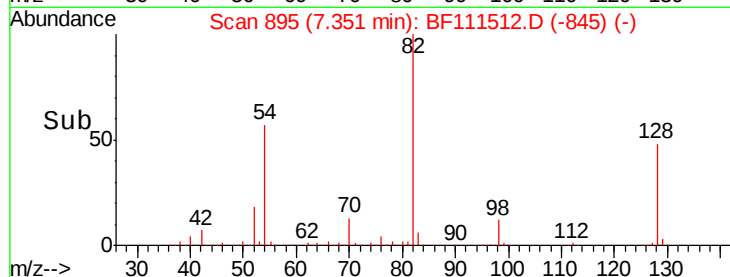
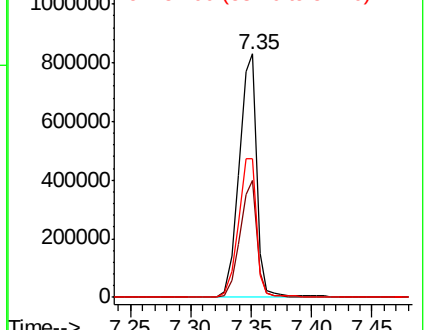
54 57.1 47.6 71.4



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: 49.494 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

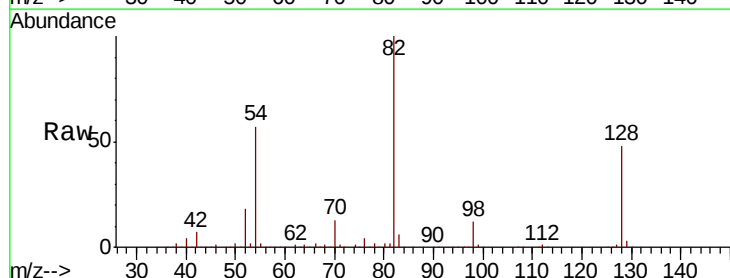
Tgt Ion: 82 Resp: 851837

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

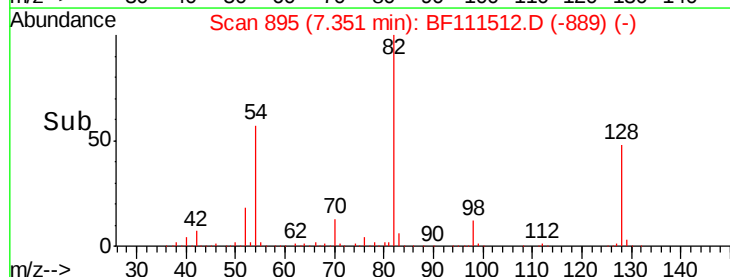
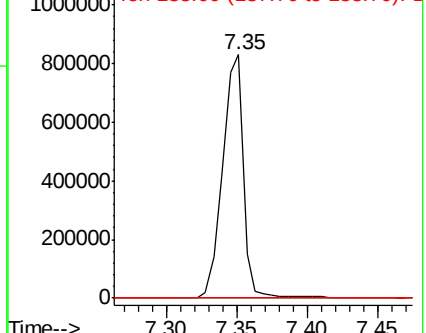
138 0.0 15.1 22.7#

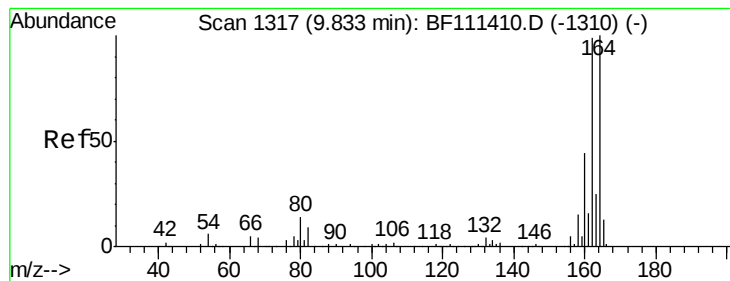


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01

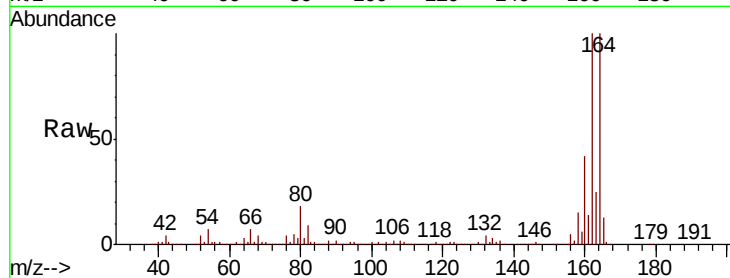
Tgt Ion:164 Resp: 253009

Ion Ratio Lower Upper

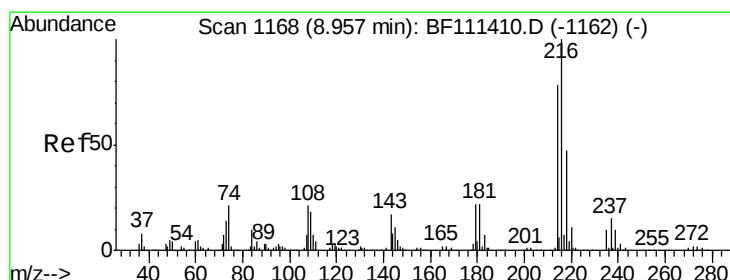
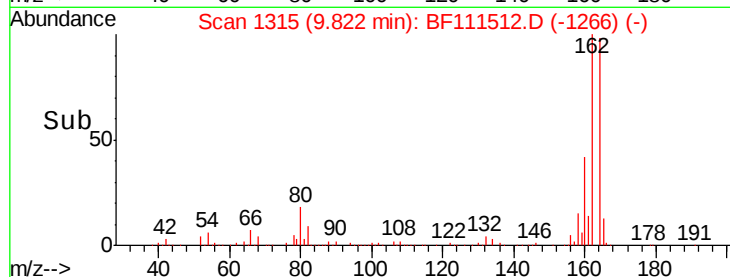
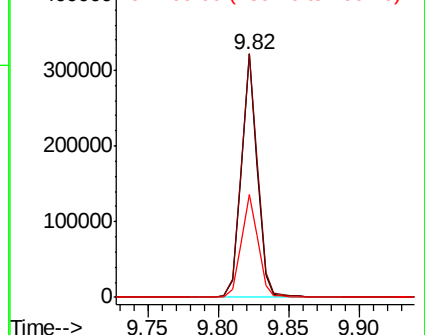
164 100

162 100.0 81.4 122.0

160 42.3 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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.056 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

Tgt Ion:216 Resp: 14264

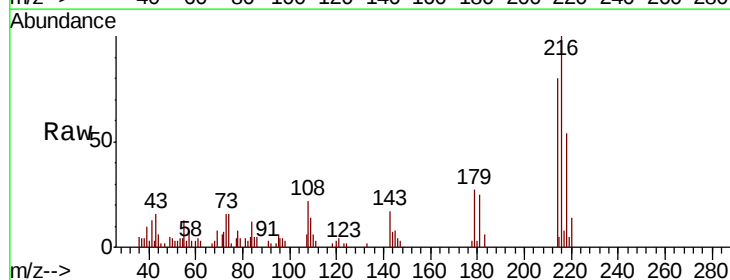
Ion Ratio Lower Upper

216 100

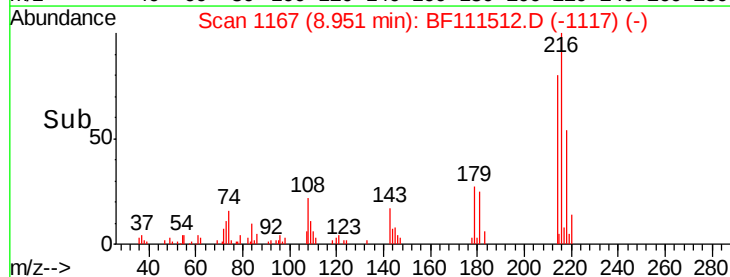
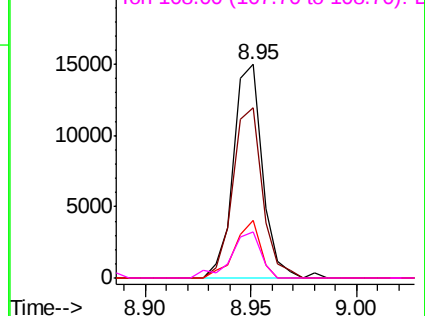
214 80.9 63.8 95.8

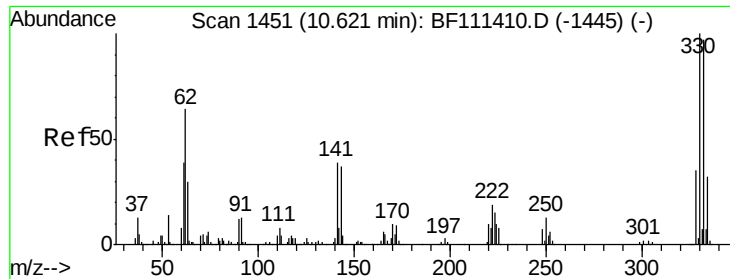
179 23.4 17.9 26.9

108 22.2 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

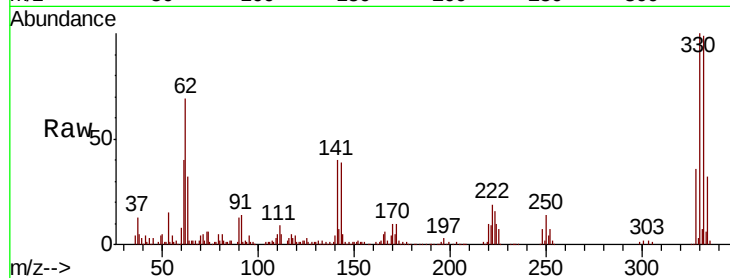




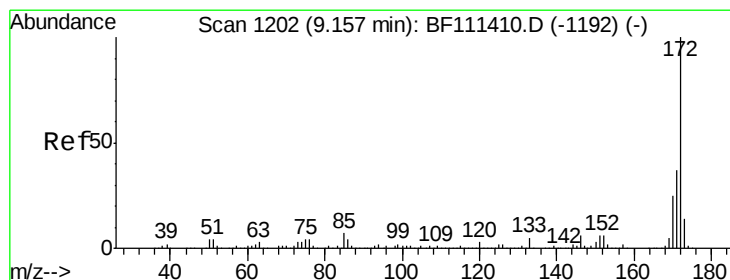
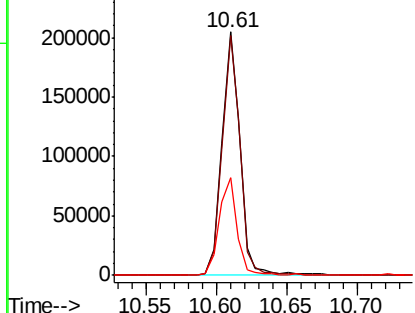
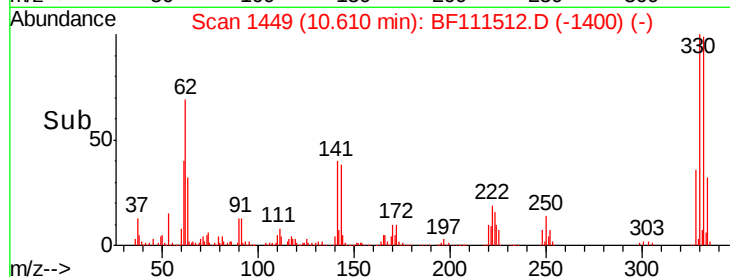
#42
 2,4,6-Tribromophenol
 Concen: 80.334 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111512.D
 Acq: 16 Dec 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01

Tgt Ion:330 Resp: 182071
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 39.2 31.0 46.6

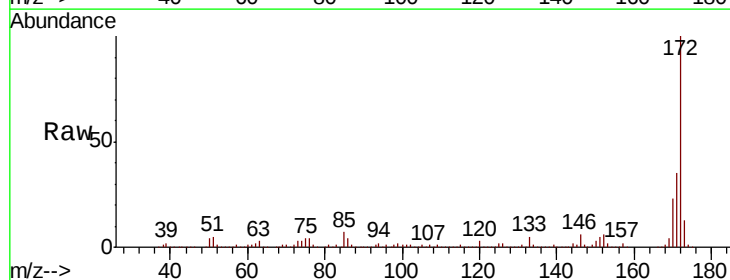


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

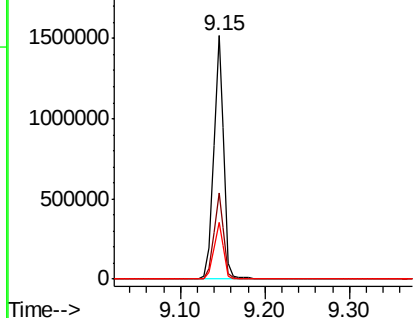
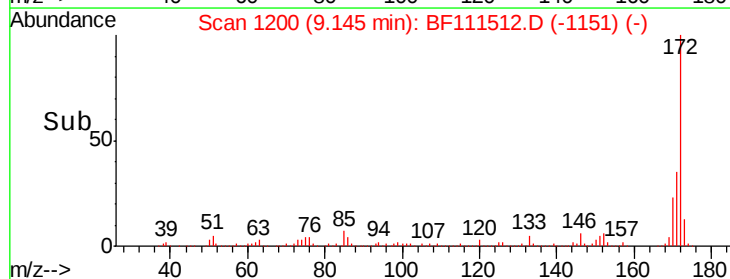


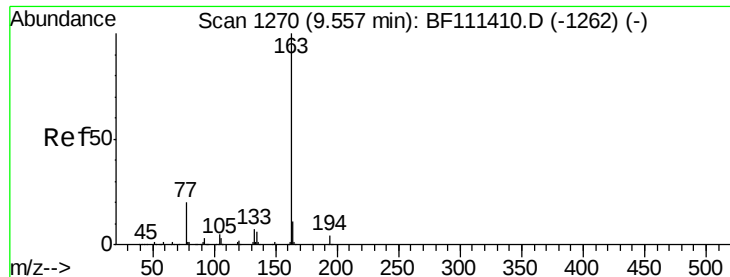
#45
 2-Fluorobiphenyl
 Concen: 79.858 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111512.D
 Acq: 16 Dec 2018 16:57

Tgt Ion:172 Resp: 1308060
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

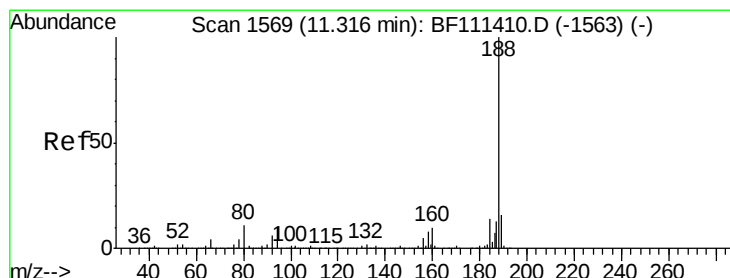
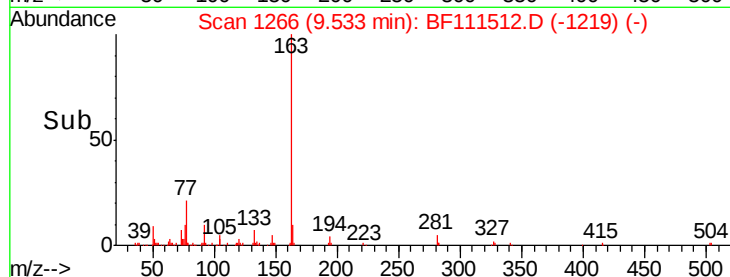
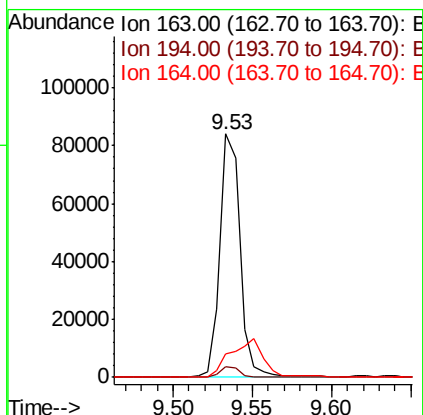
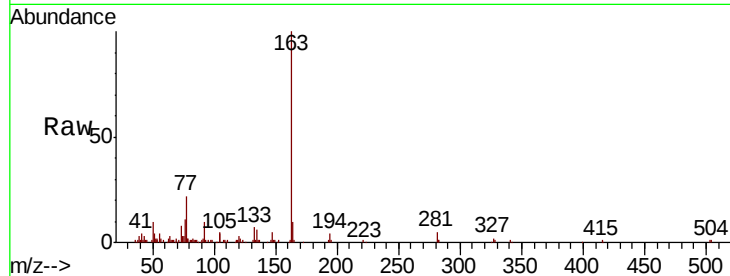




#50
Dimethylphthalate
Concen: 4.091 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

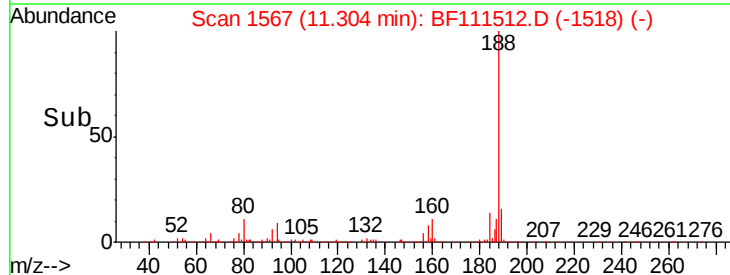
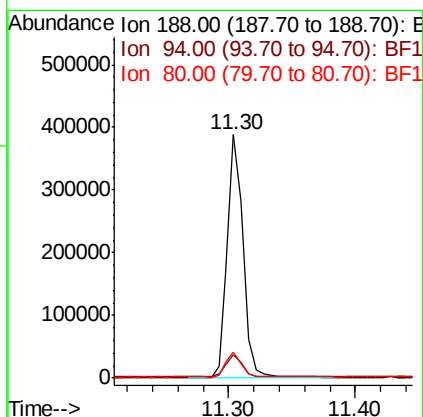
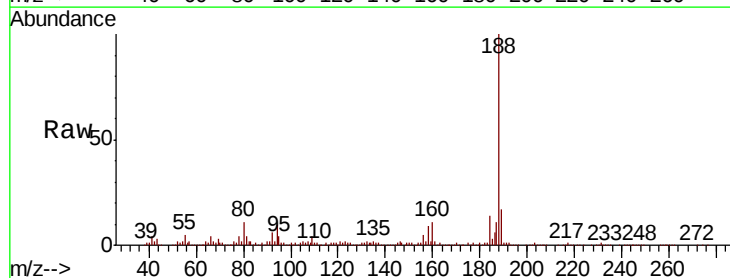
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

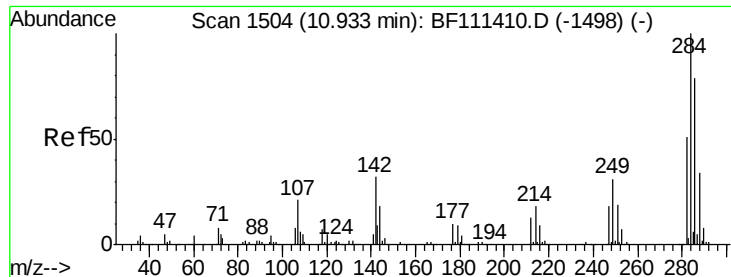
Tgt Ion:163 Resp: 74534
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.7 8.9 13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:188 Resp: 338677
Ion Ratio Lower Upper
188 100
94 9.9 9.6 14.4
80 10.9 9.8 14.6

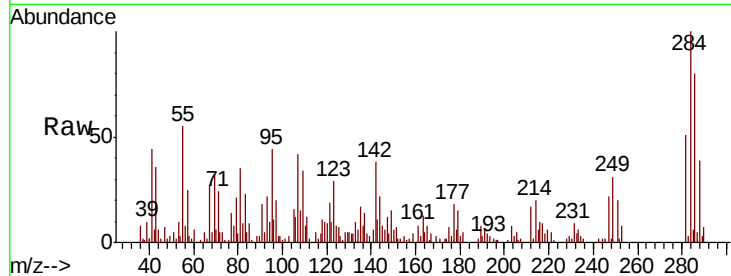




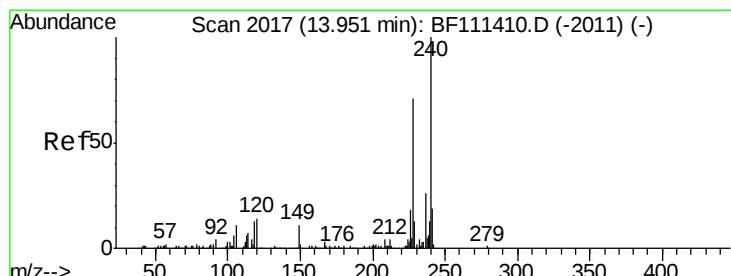
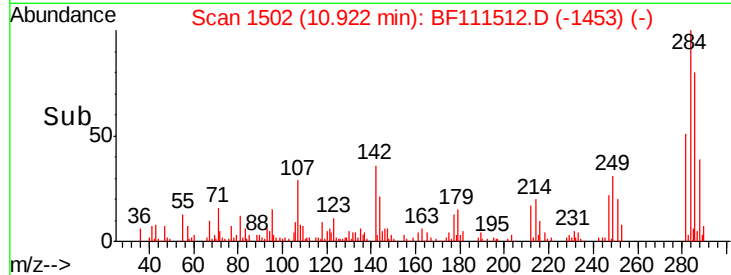
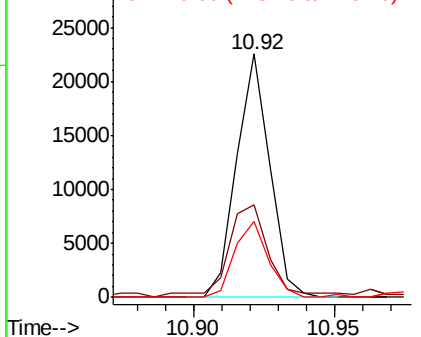
#68
Hexachlorobenzene
Concen: 4.891 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	27.4	41.2
249	31.1	24.4	36.6

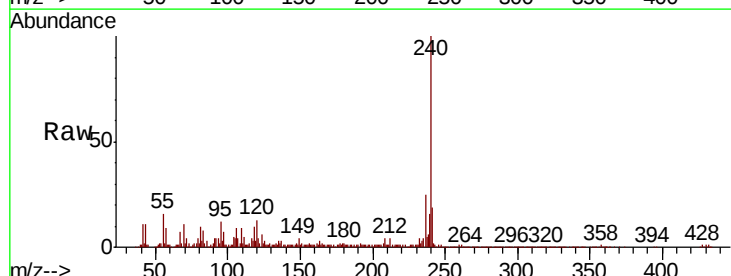


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

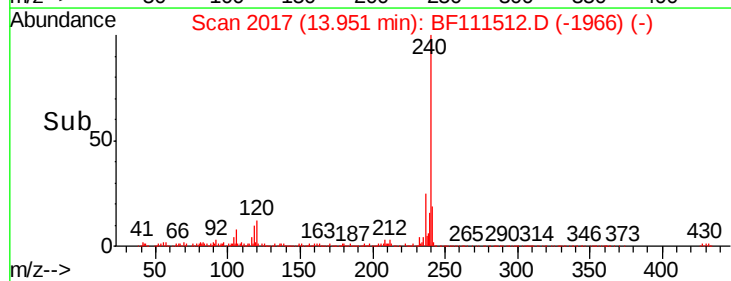
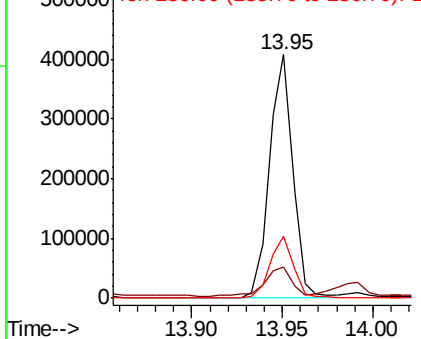


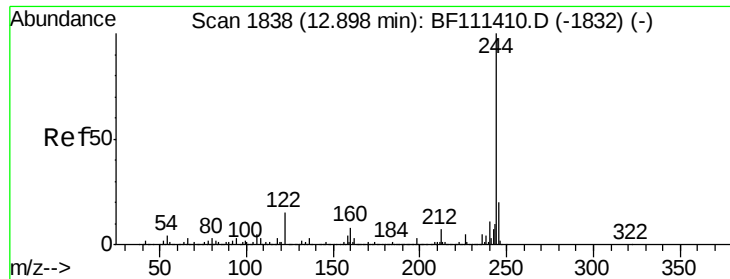
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.2	18.2
236	25.3	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: 49.195 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01

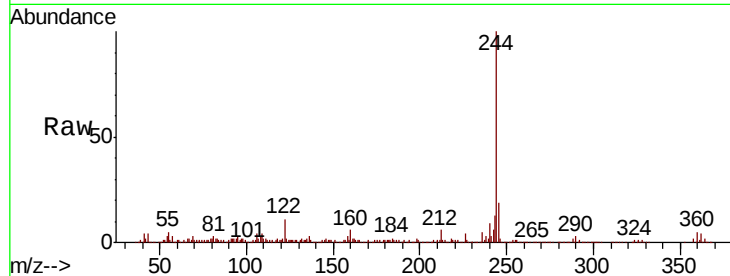
Tgt Ion:244 Resp: 764288

Ion Ratio Lower Upper

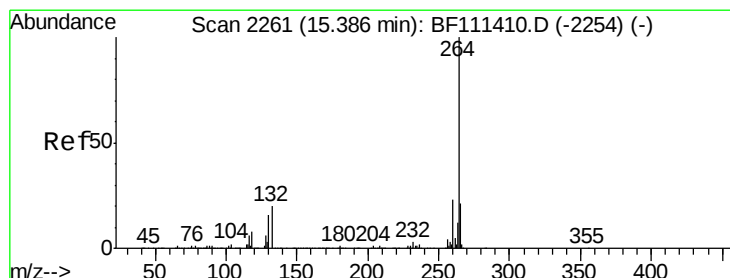
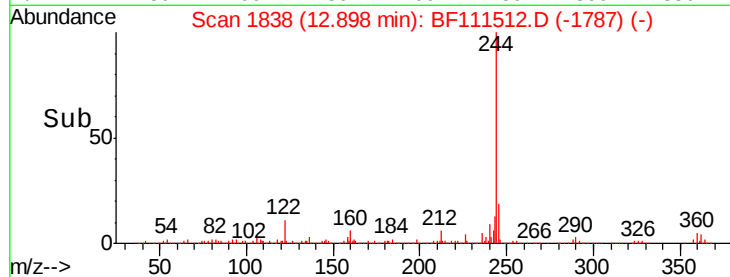
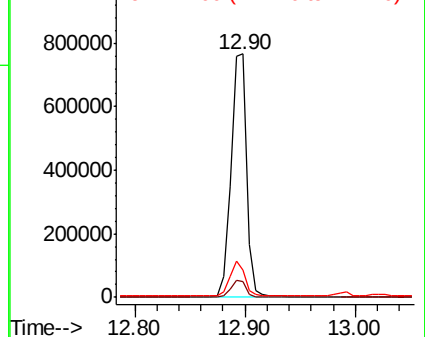
244 100

212 6.2 5.7 8.5

122 11.2 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: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111512.D

Acq: 16 Dec 2018 16:57

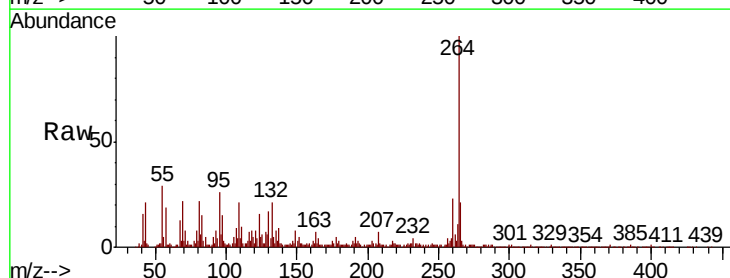
Tgt Ion:264 Resp: 307399

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.1 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

