

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111515.D
 Acq On : 16 Dec 2018 18:23
 Operator : JU/SJ
 Sample : J6353-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01

Quant Time: Dec 17 07:28:37 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

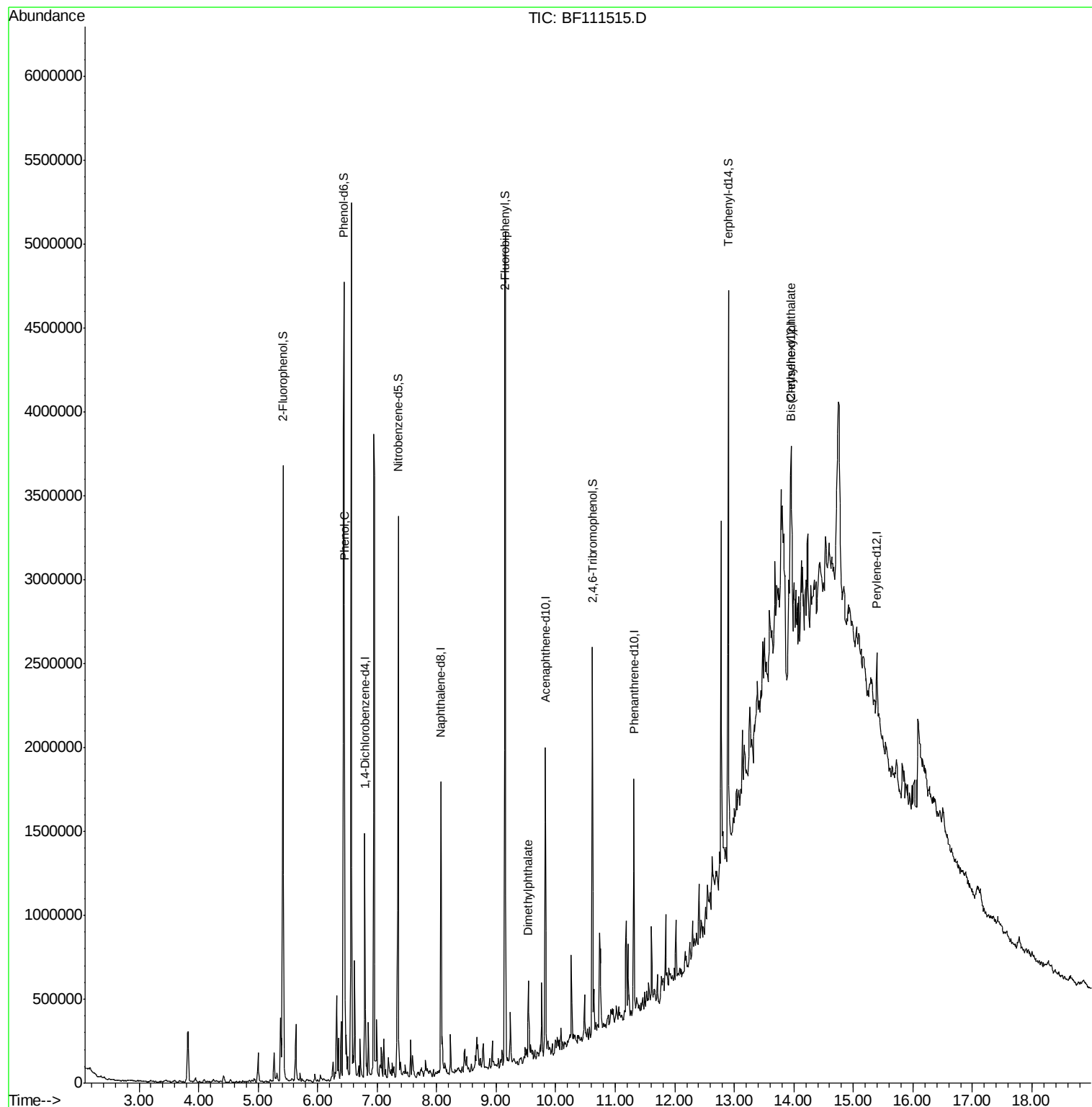
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	218137	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	838938	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	346645	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	491354	20.00	ng	0.00
76) Chrysene-d12	13.95	240	324830	20.00	ng	0.00
87) Perylene-d12	15.39	264	205794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	992982	75.75	ng	0.00
7) Phenol-d6	6.44	99	1797595	103.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	1058424	75.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	254383	81.92	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1665761	74.23	ng	0.00
79) Terphenyl-d14	12.90	244	1150125	83.14	ng	0.00
Target Compounds						
10) Phenol	6.45	94	236319	12.166	ng	91
50) Dimethylphthalate	9.54	163	142859	5.722	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	229832	16.120	ng	99

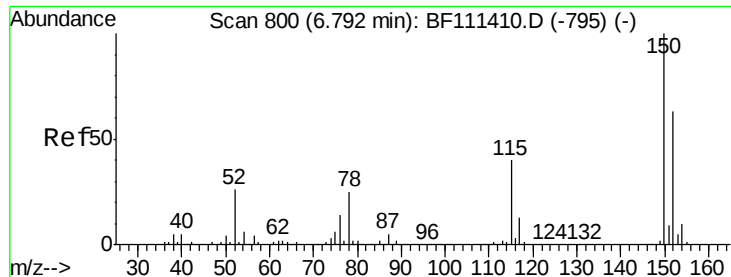
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 14 13:26:17 2018
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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: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

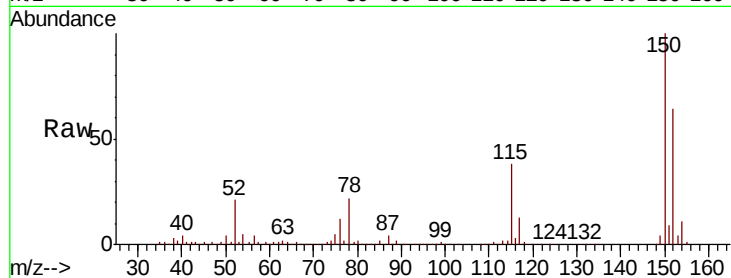
Tot Ion:152 Resp: 218137

Ion Ratio Lower Upper

152 100

150 155.4 126.6 189.8

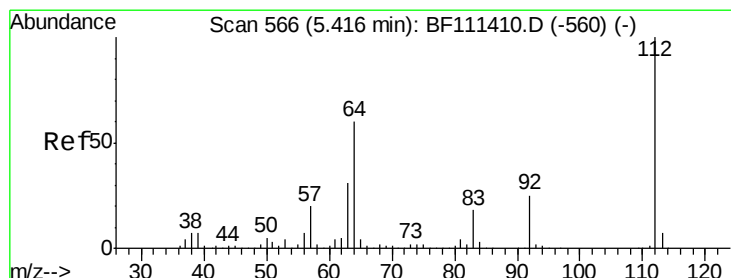
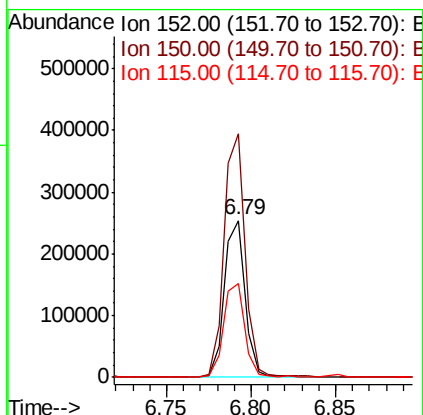
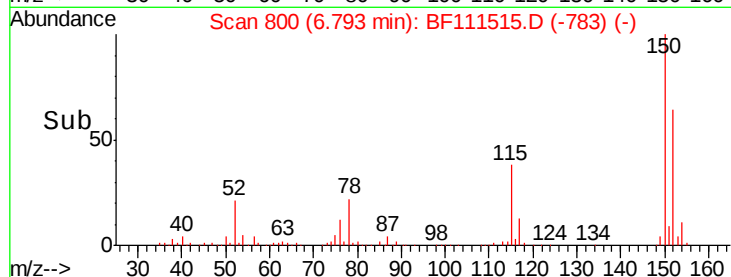
115 59.5 50.7 76.1



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: 75.750 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

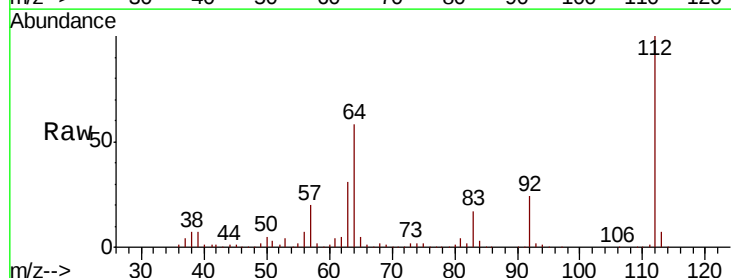
Tgt Ion:112 Resp: 992982

Ion Ratio Lower Upper

112 100

64 58.2 51.8 77.6

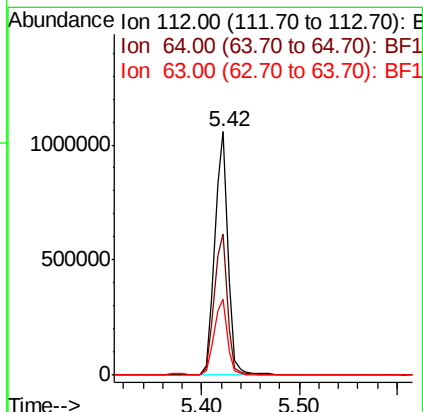
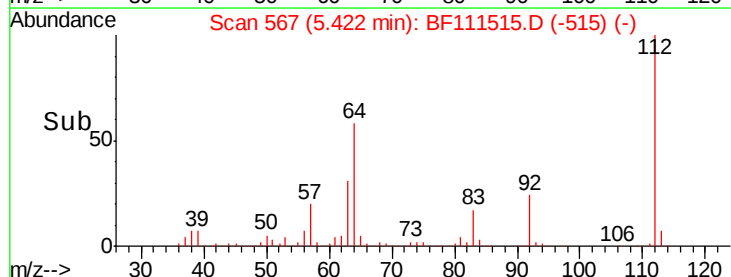
63 30.9 26.8 40.2

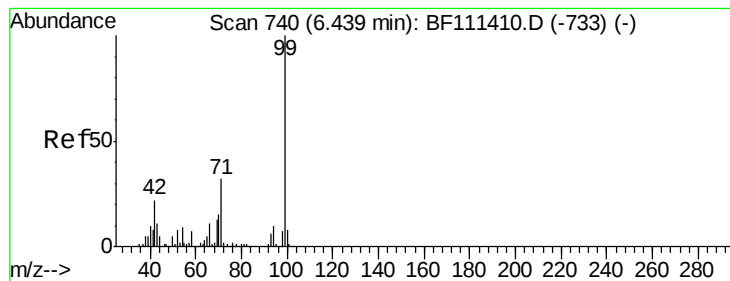


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.091 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

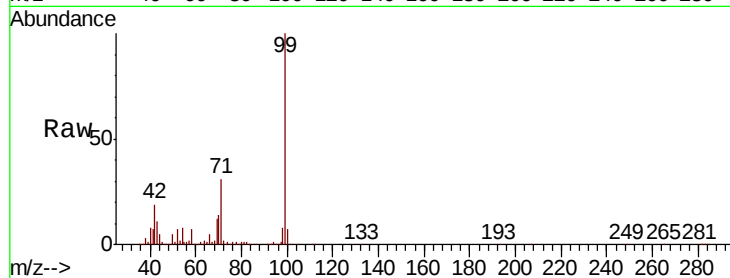
Tot Ion: 99 Resp: 1797595

Ion Ratio Lower Upper

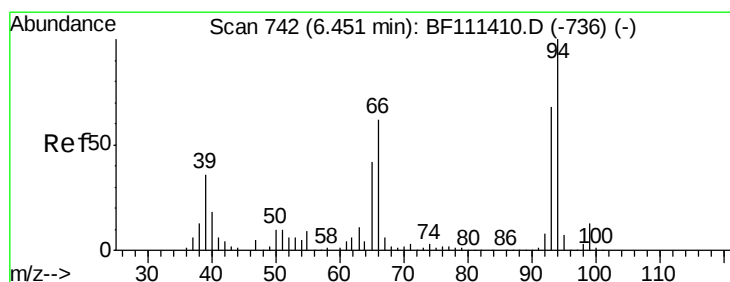
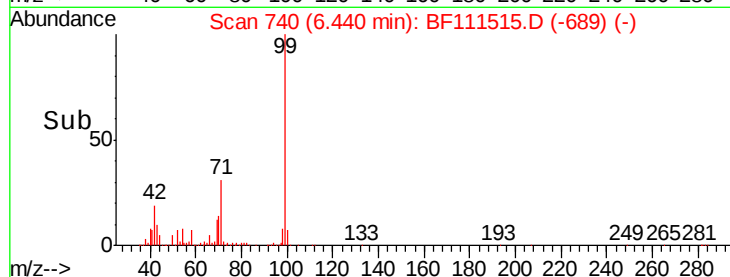
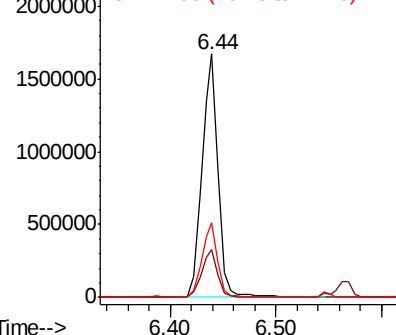
99 100

42 19.4 17.4 26.0

71 30.8 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: 12.166 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

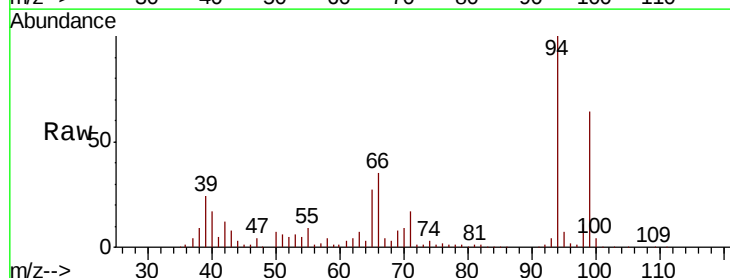
Tgt Ion: 94 Resp: 236319

Ion Ratio Lower Upper

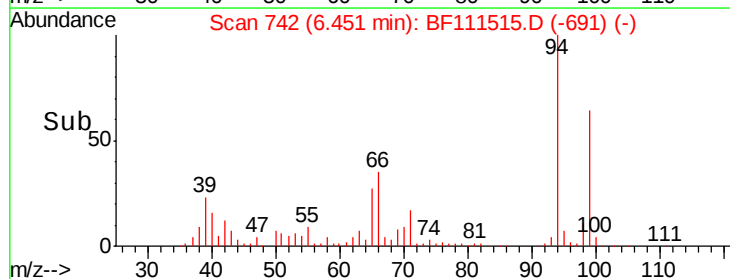
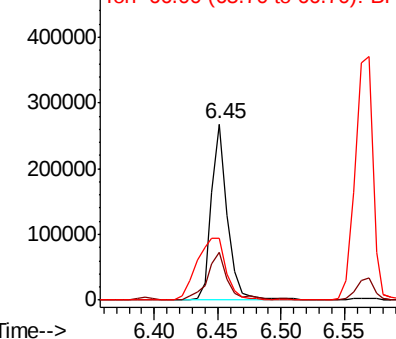
94 100

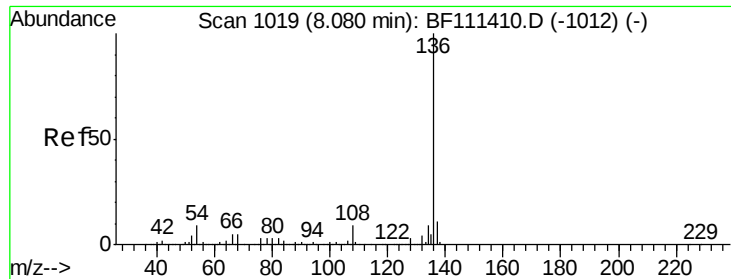
65 27.1 11.7 51.7

66 35.4 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

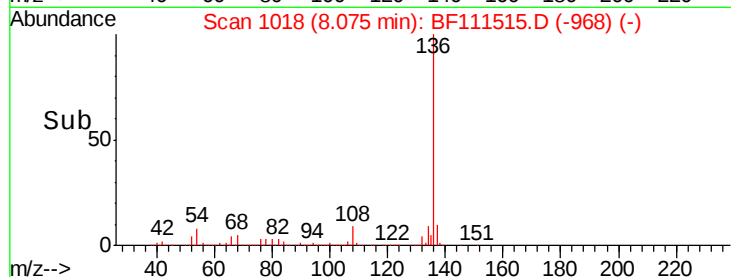
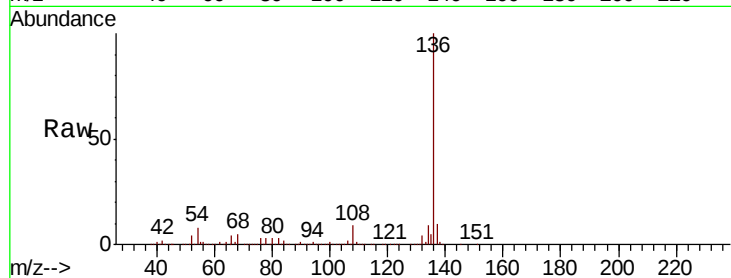




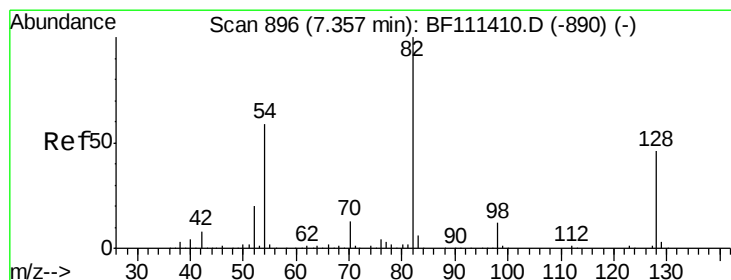
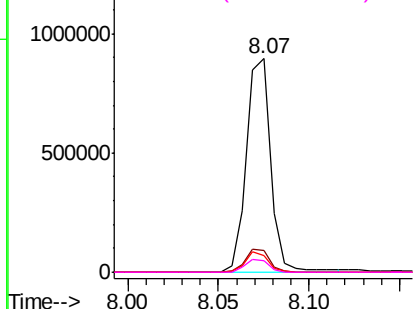
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tot Ion:136	Resp:	838938
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	7.7	7.7 11.5
68	5.4	4.9 7.3

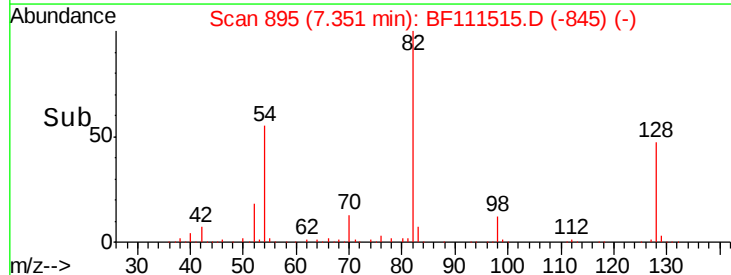
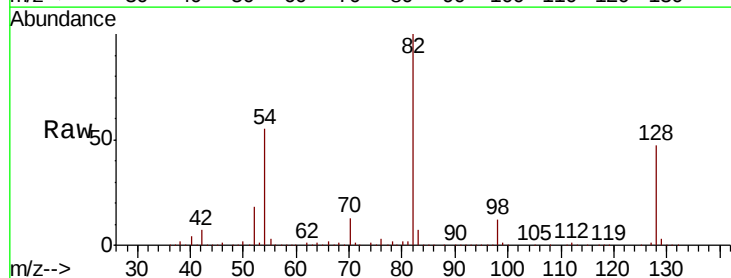


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

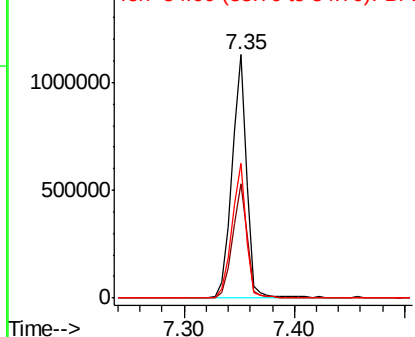


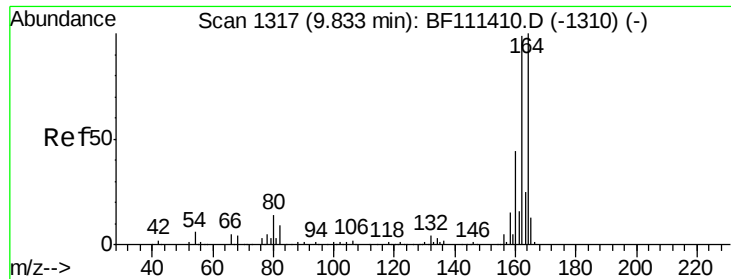
#23
Nitrobenzene-d5
Concen: 75.128 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion: 82	Resp:	1058424
Ion Ratio	Lower	Upper
82	100	
128	46.9	37.4 56.2
54	55.2	47.6 71.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

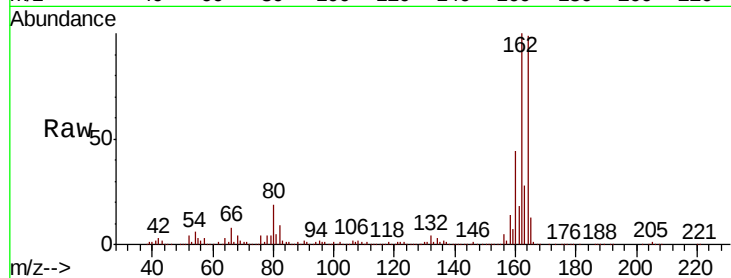
Tot Ion:164 Resp: 346645

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

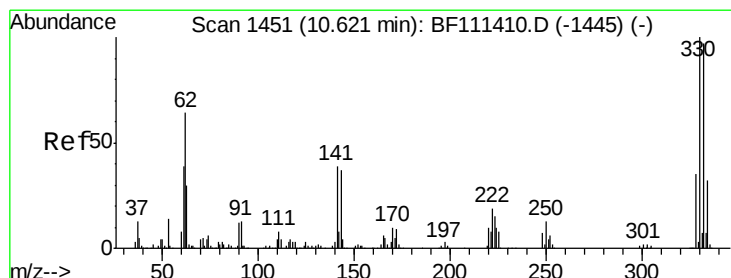
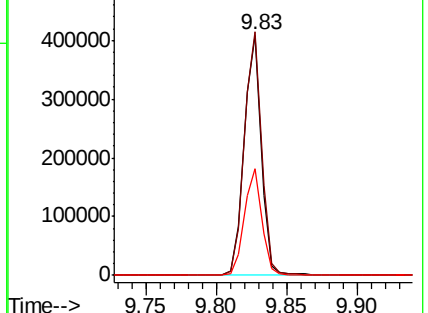
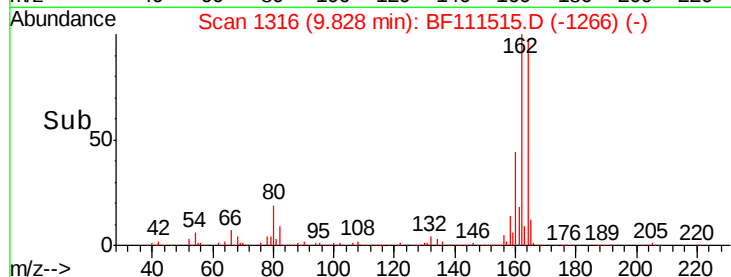
160 44.6 35.7 53.5



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: 81.922 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

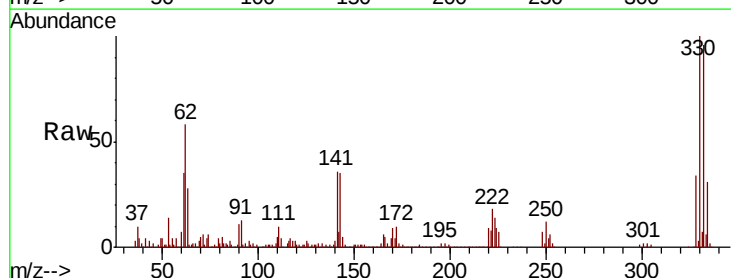
Tgt Ion:330 Resp: 254383

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

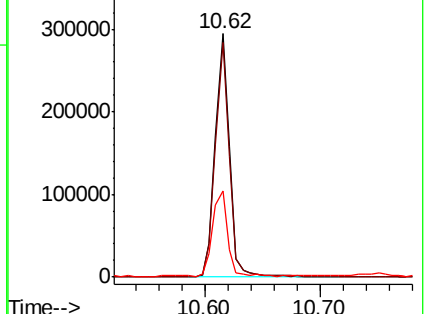
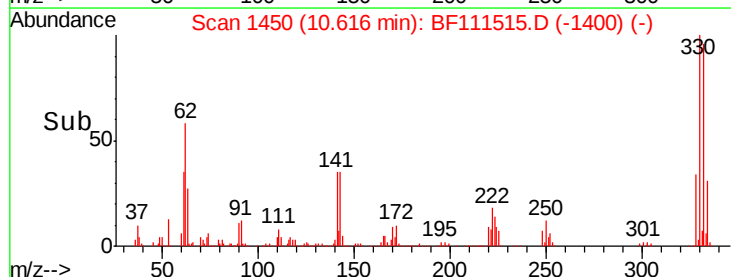
141 36.4 31.0 46.6

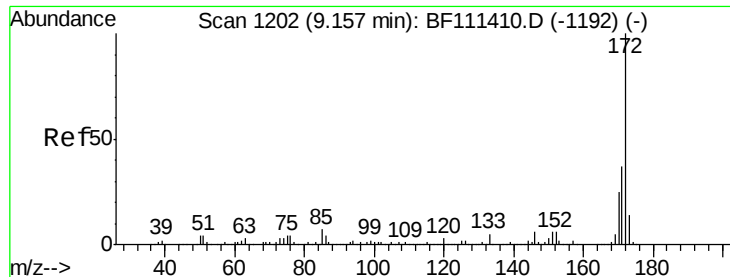


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

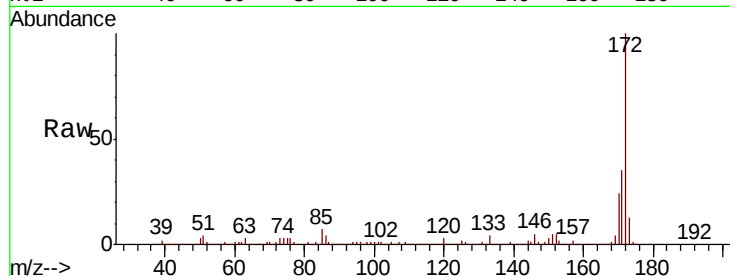




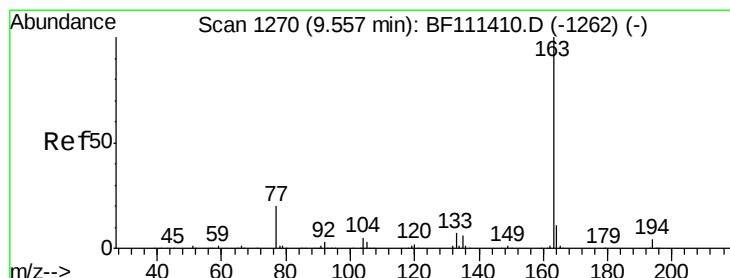
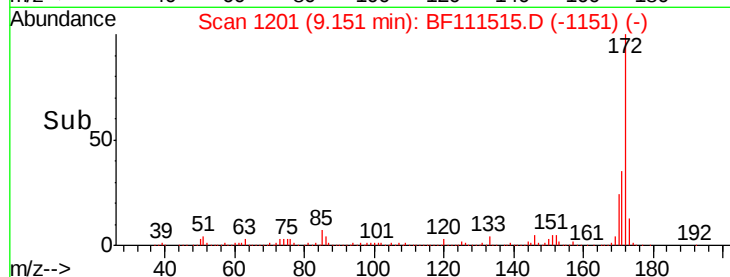
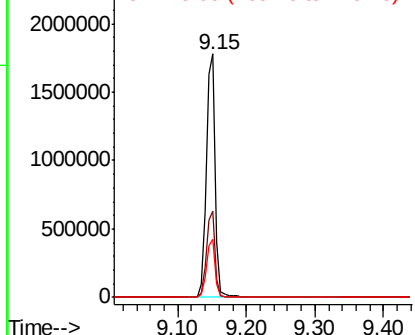
#45
2-Fluorobiphenyl
Concen: 74.226 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tot Ion:172 Resp: 1665761
Ion Ratio Lower Upper
172 100
171 35.3 33.0 49.4
170 23.9 22.3 33.5

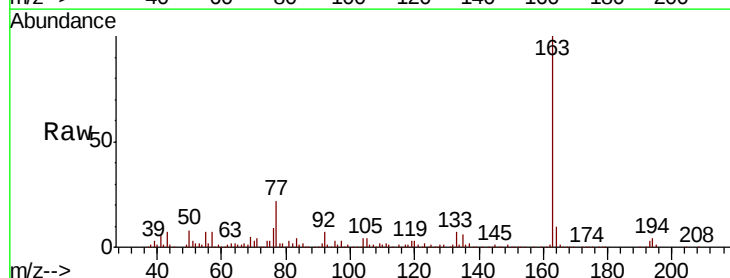


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

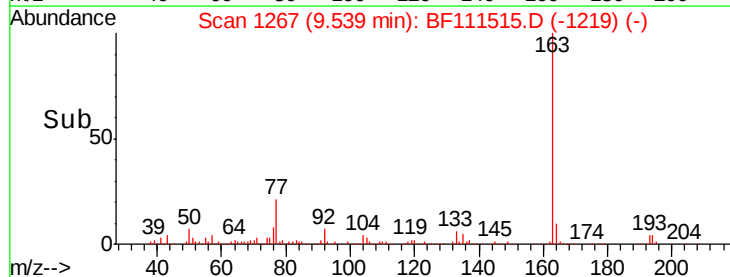
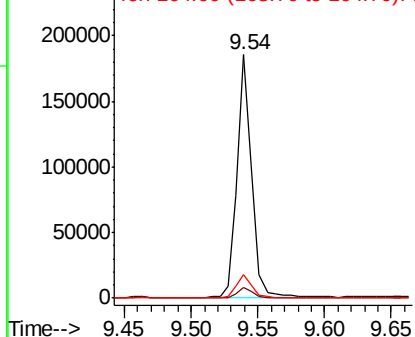


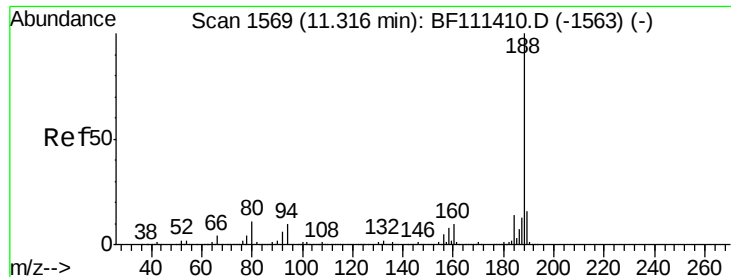
#50
Dimethylphthalate
Concen: 5.722 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion:163 Resp: 142859
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 9.5 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

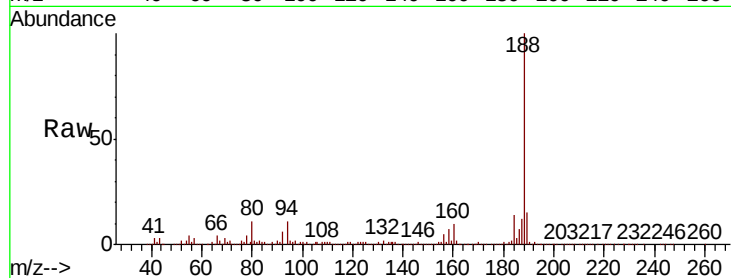




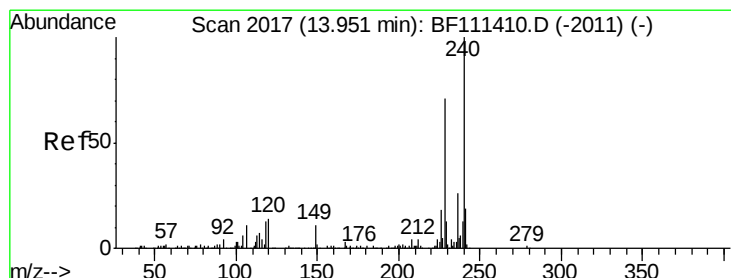
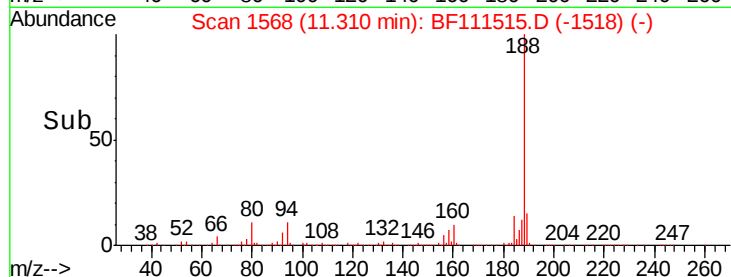
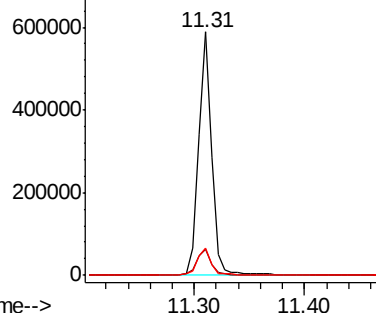
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tot Ion:188 Resp: 491354
Ion Ratio Lower Upper
188 100
94 10.9 9.6 14.4
80 11.1 9.8 14.6

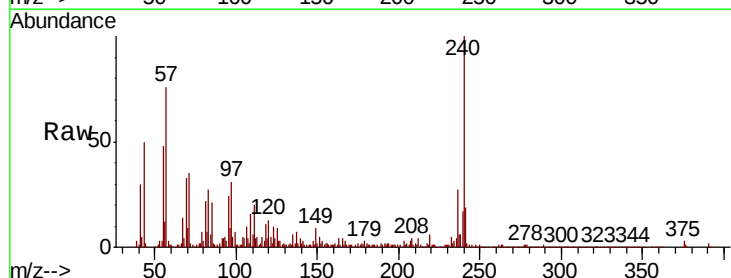


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

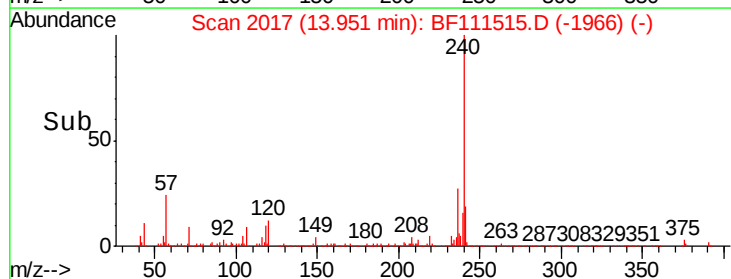
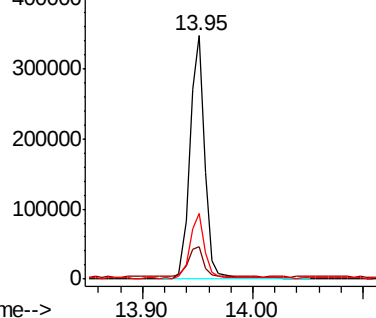


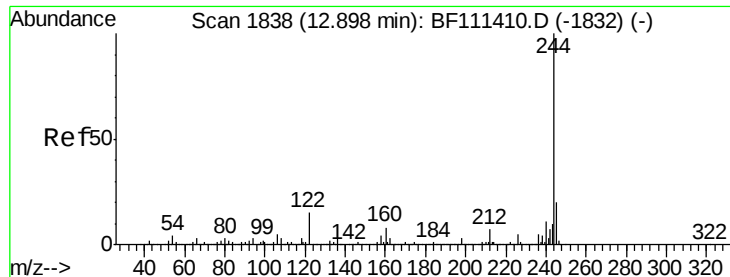
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion:240 Resp: 324830
Ion Ratio Lower Upper
240 100
120 13.2 12.2 18.2
236 27.1 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





#79

Terphenyl-d14

Concen: 83.144 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

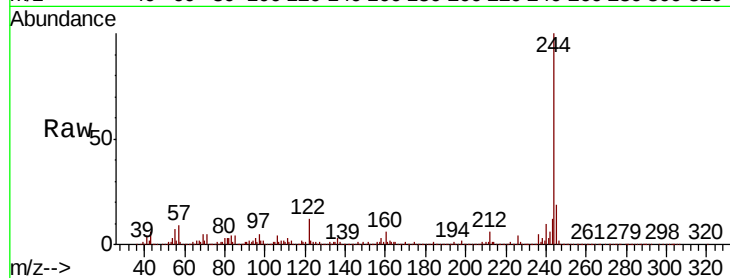
Tot Ion:244 Resp: 1150125

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

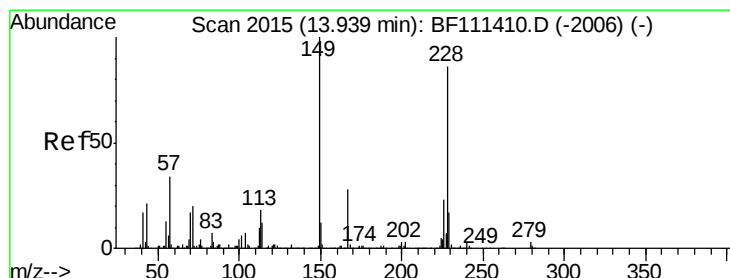
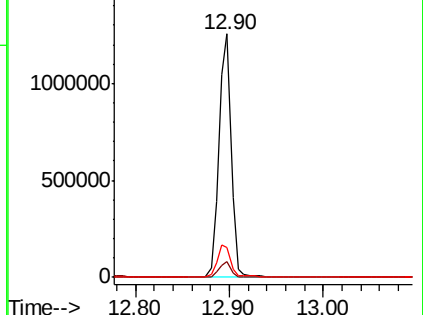
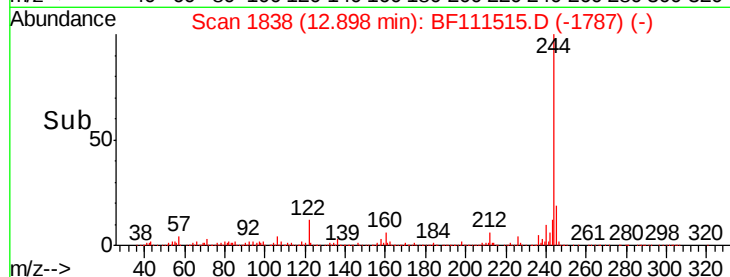
122 12.4 13.1 19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.120 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

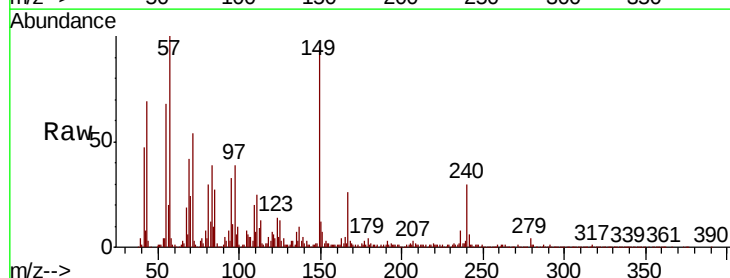
Tgt Ion:149 Resp: 229832

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

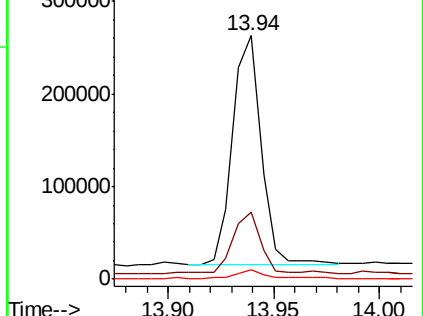
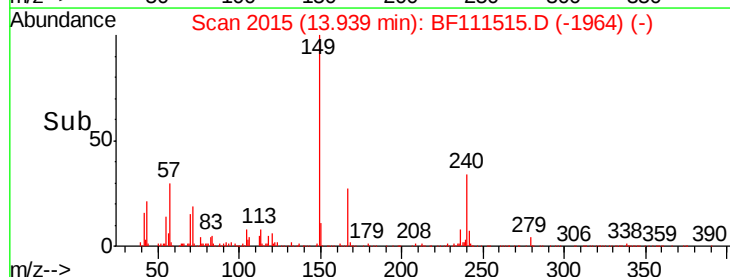
279 3.7 2.6 4.0

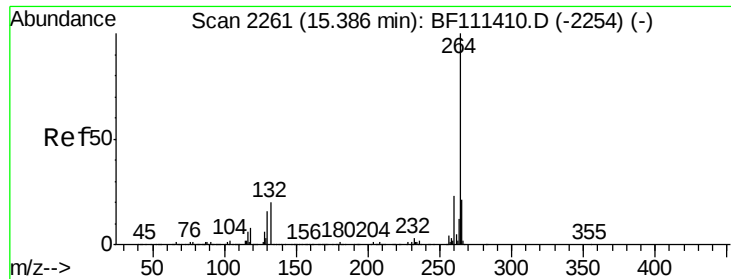


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

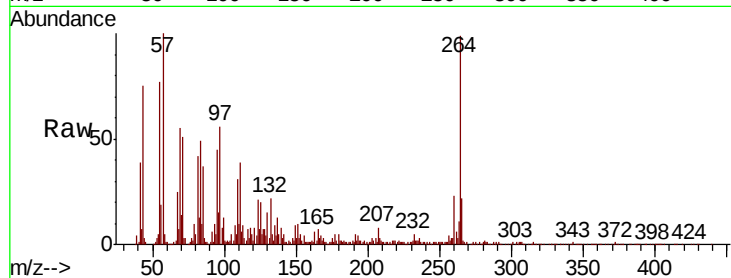




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.2	18.3	27.5	
265	22.0	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

