

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111448.D
 Acq On : 15 Dec 2018 5:16
 Operator : JU/SJ
 Sample : J6305-01DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01DL

Quant Time: Dec 15 23:45:51 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	137189	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510026	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	192999	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	308992	20.00	ng	0.00
76) Chrysene-d12	13.95	240	276410	20.00	ng	0.00
87) Perylene-d12	15.39	264	183165	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	47101	5.71	ng	0.00
7) Phenol-d6	6.43	99	37293	3.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	70811	8.27	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	17899	10.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	122331	9.79	ng	0.00
79) Terphenyl-d14	12.90	244	89612	7.61	ng	0.00

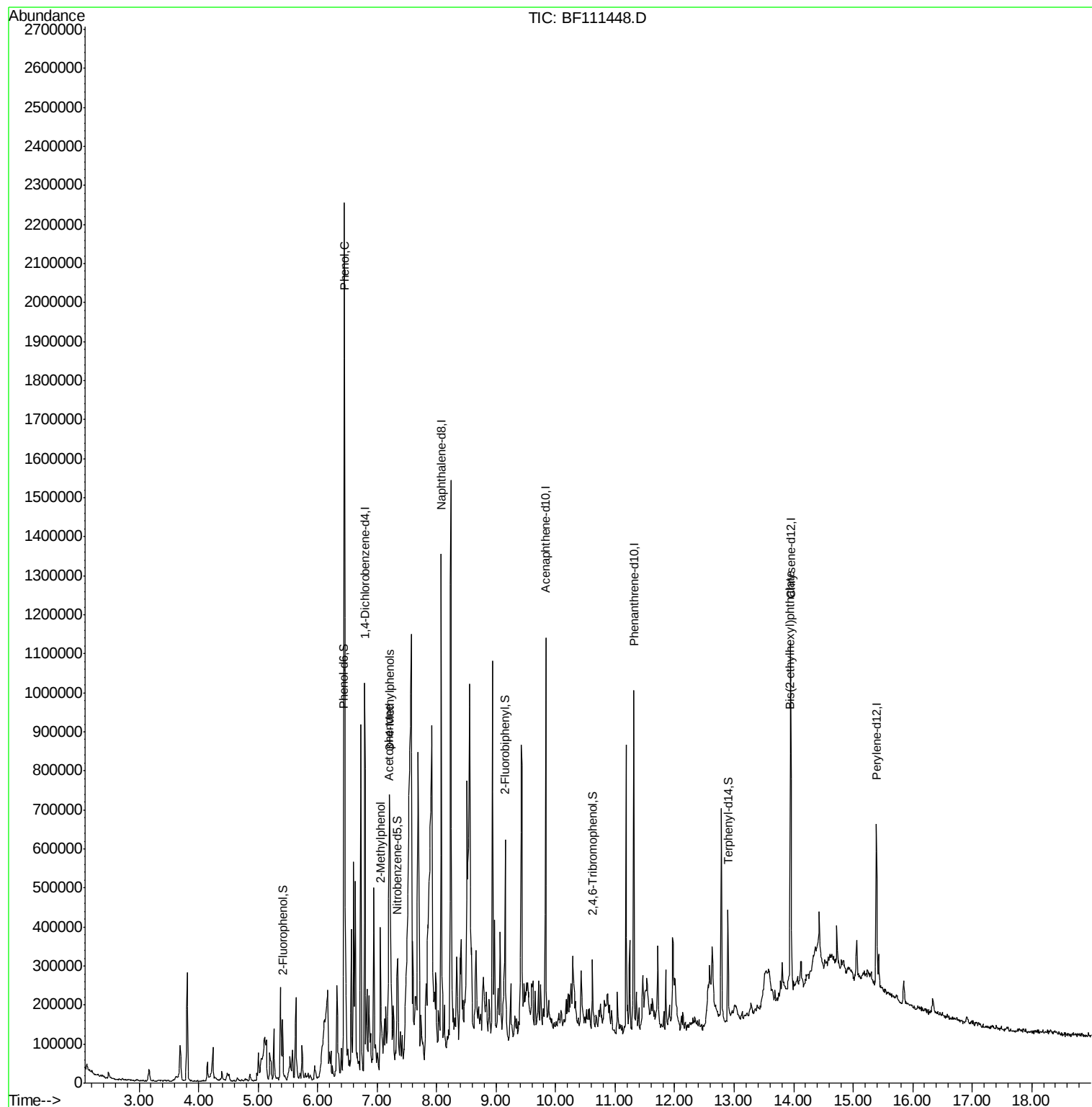
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	741622	60.708	ng	96
17) 2-Methylphenol	7.06	107	64927	8.190	ng	98
20) 3+4-Methylphenols	7.21	107	93922	9.445	ng	# 65
22) Acetophenone	7.20	105	88601	7.782	ng	# 87
84) Bis(2-ethylhexyl)phthalate	13.94	149	52907	4.361	ng	98

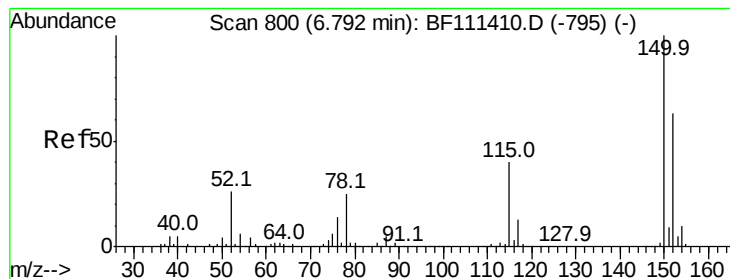
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



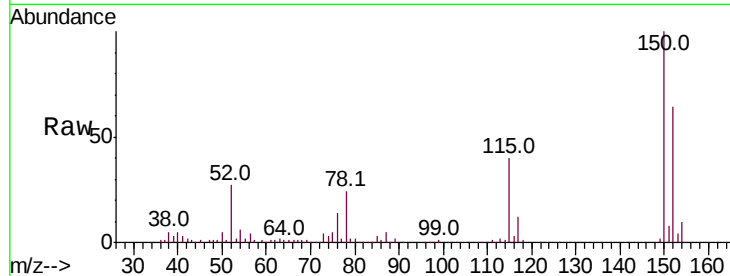


#1

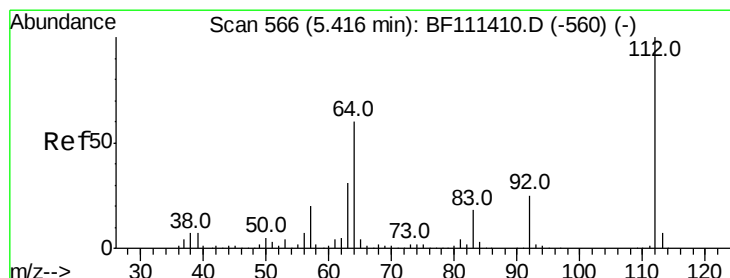
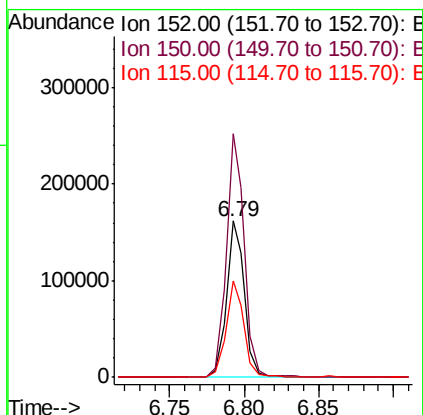
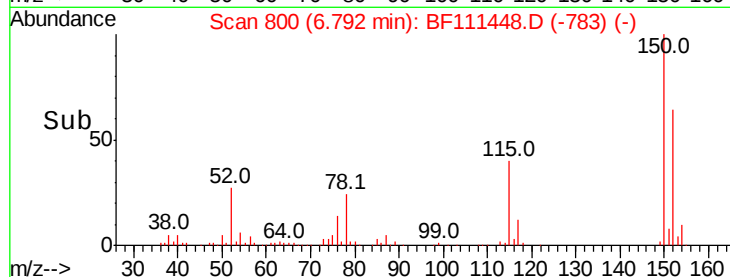
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111448.D
 Acq: 15 Dec 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01DL

Tot Ion:152 Resp: 137189
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.6 189.8
 115 61.8 50.7 76.1



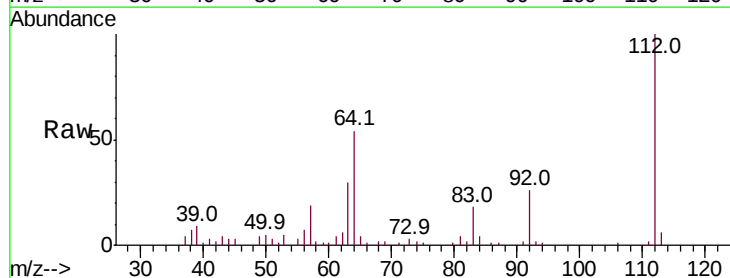
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



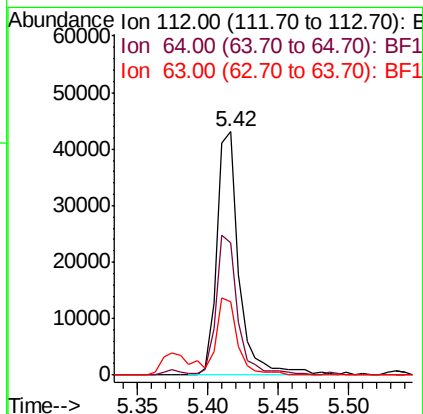
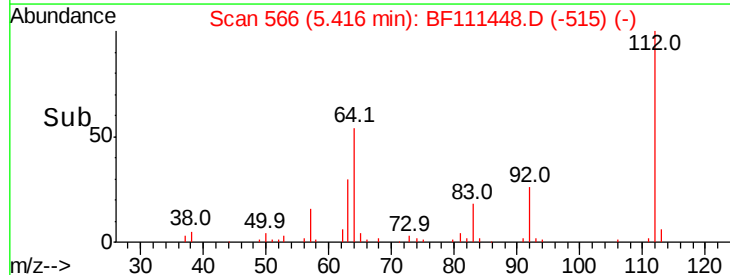
#5

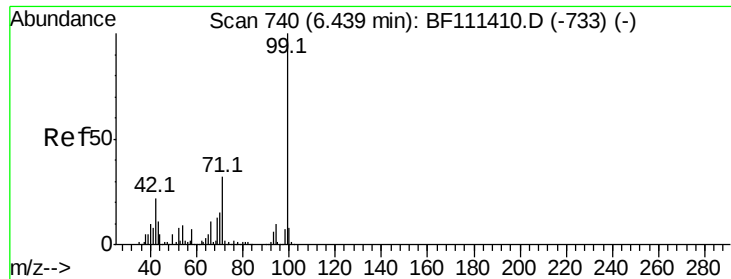
2-Fluorophenol
 Concen: 5.713 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111448.D
 Acq: 15 Dec 2018 5:16

Tgt Ion:112 Resp: 47101
 Ion Ratio Lower Upper
 112 100
 64 54.3 51.8 77.6
 63 30.2 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: 3.401 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

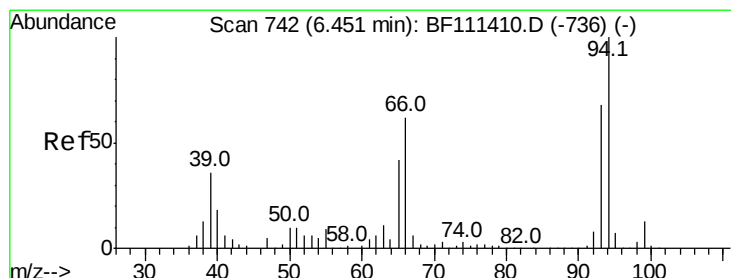
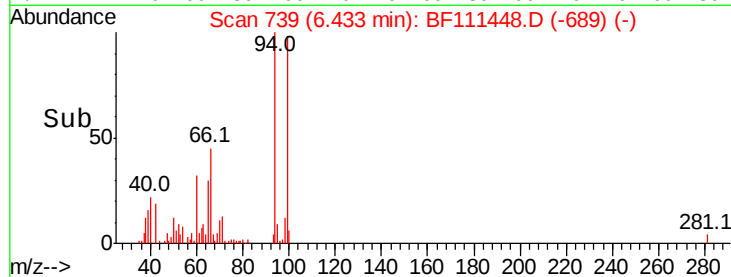
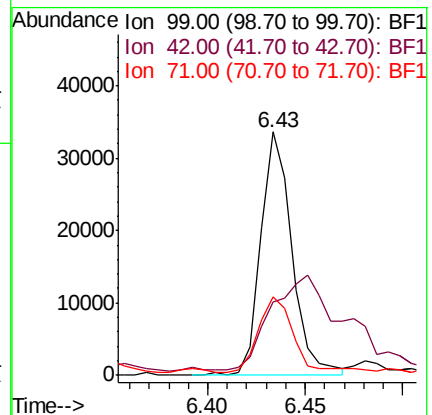
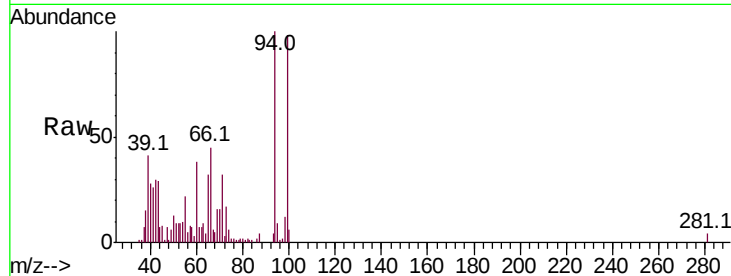
Tot Ion: 99 Resp: 37293

Ion Ratio Lower Upper

99 100

42 30.1 17.4 26.0#

71 32.1 26.1 39.1



#10

Phenol

Concen: 60.708 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

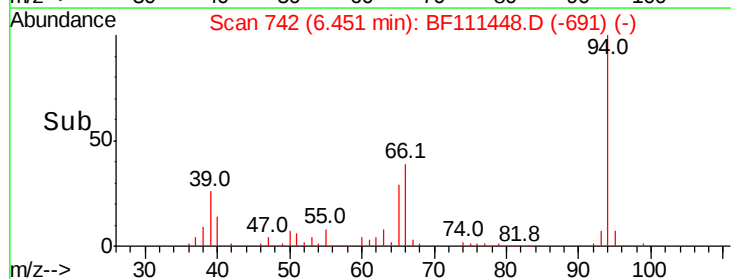
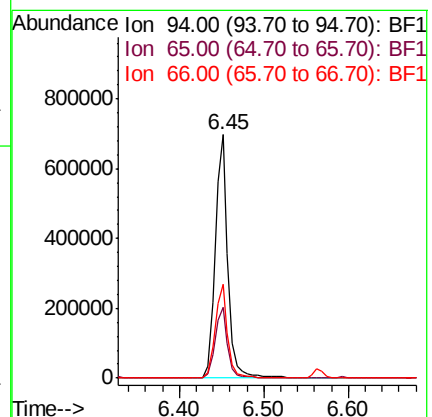
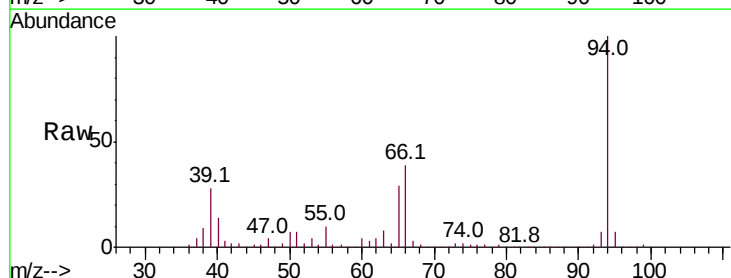
Tgt Ion: 94 Resp: 741622

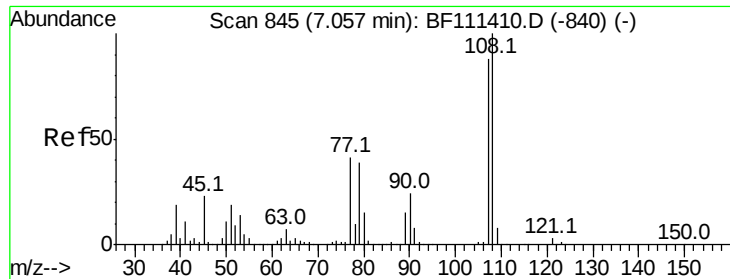
Ion Ratio Lower Upper

94 100

65 29.2 11.7 51.7

66 38.7 21.0 61.0

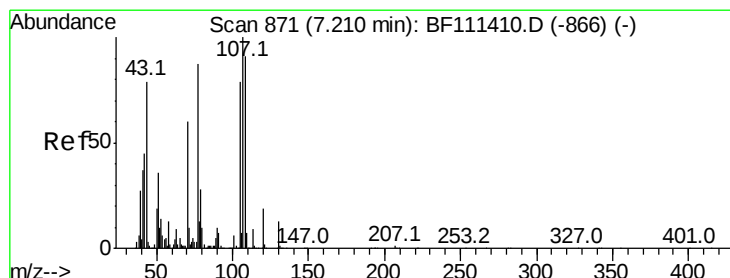
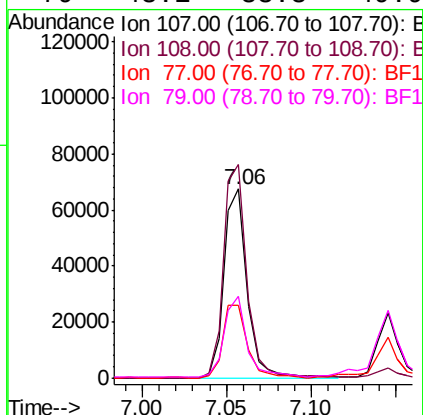
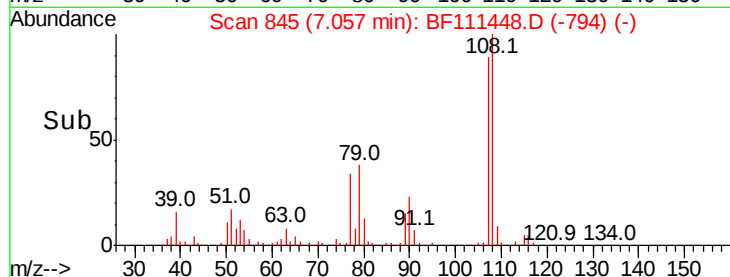
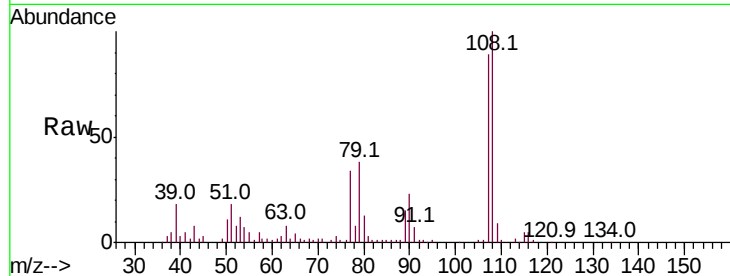




#17
2-Methylphenol
Concen: 8.190 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

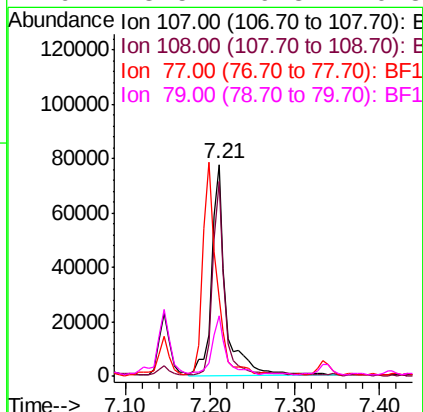
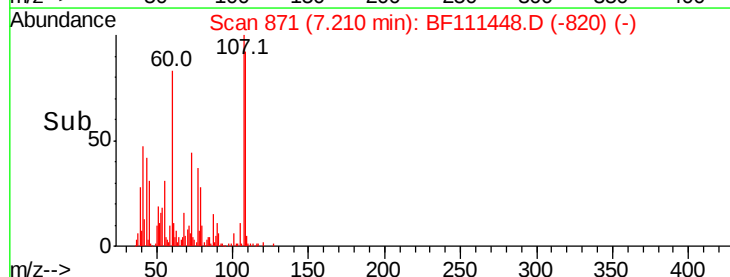
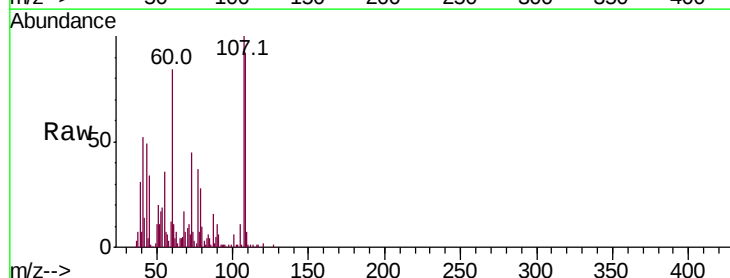
Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

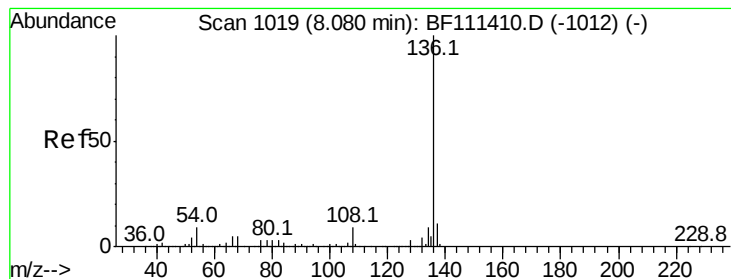
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.0	136.4
77	38.5	33.5	50.3
79	43.1	33.3	49.9



#20
3+4-Methylphenols
Concen: 9.445 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	72.1	112.1
77	37.1	94.1	134.1#
79	28.5	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

Tot Ion:136 Resp: 510026

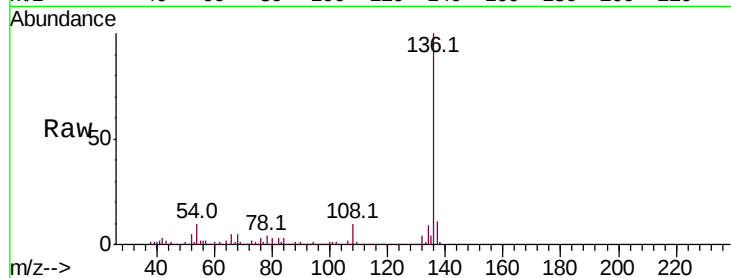
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.6 7.7 11.5

68 5.4 4.9 7.3

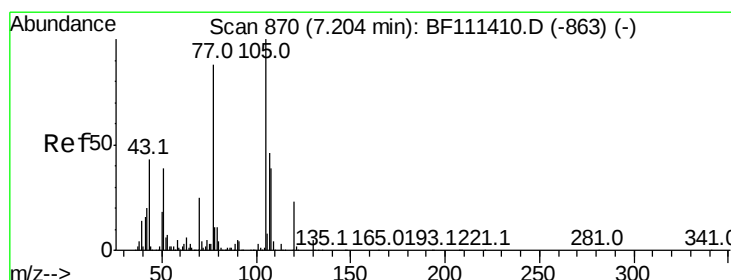
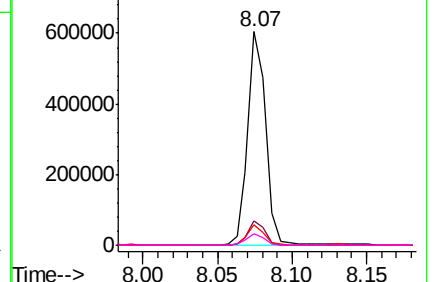
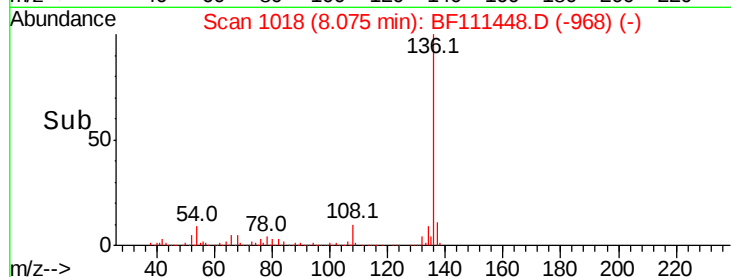


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 7.782 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Tgt Ion:105 Resp: 88601

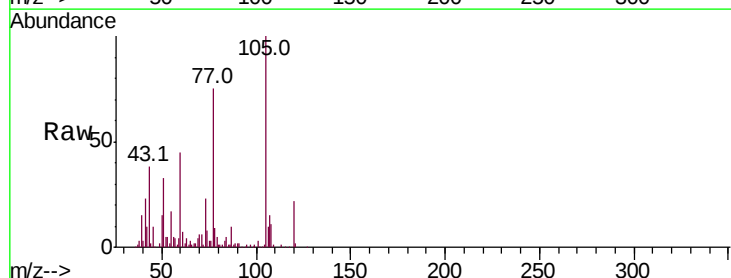
Ion Ratio Lower Upper

105 100

71 6.3 3.1 4.7#

51 32.8 36.6 54.8#

120 22.0 18.2 27.4

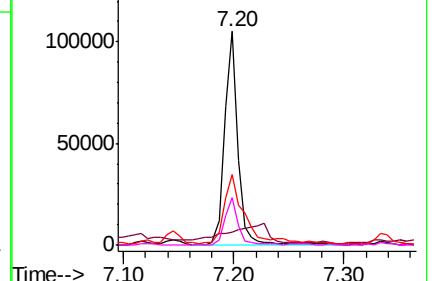
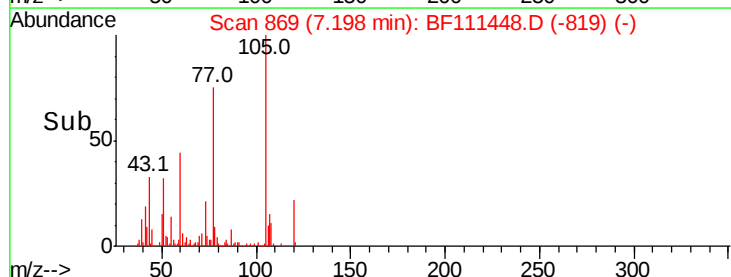


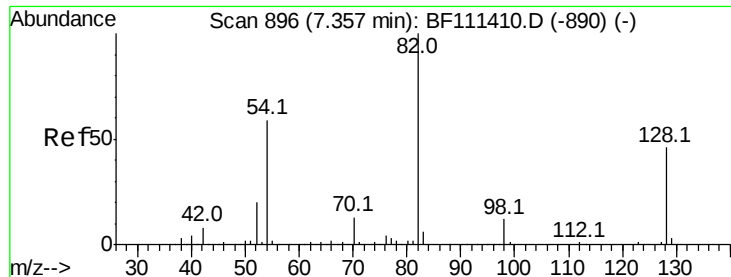
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

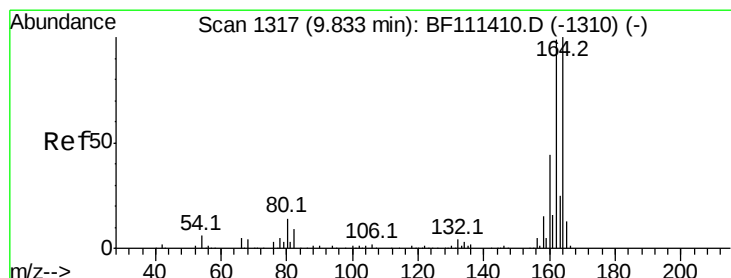
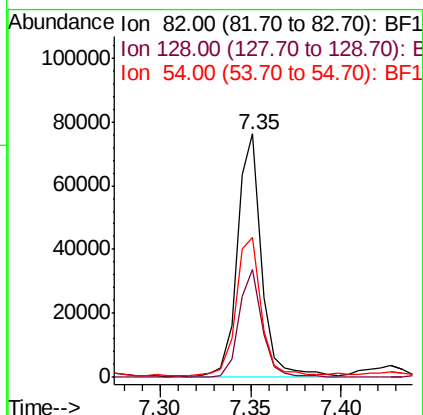
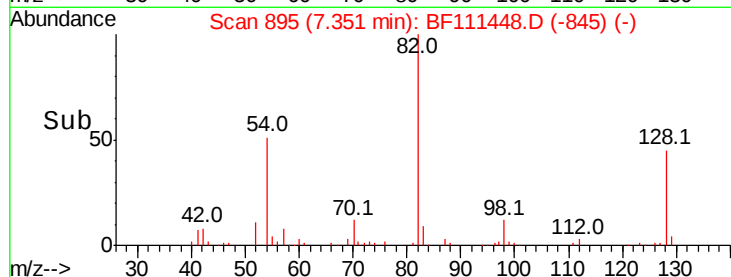
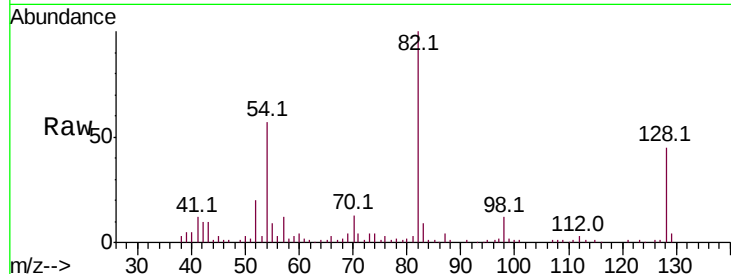




#23
Nitrobenzene-d5
Concen: 8.268 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

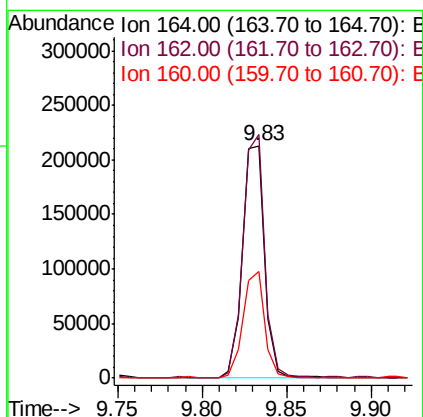
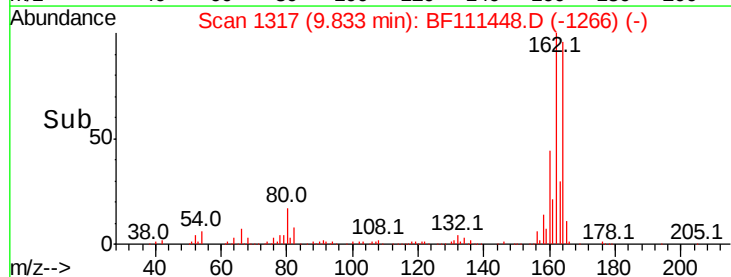
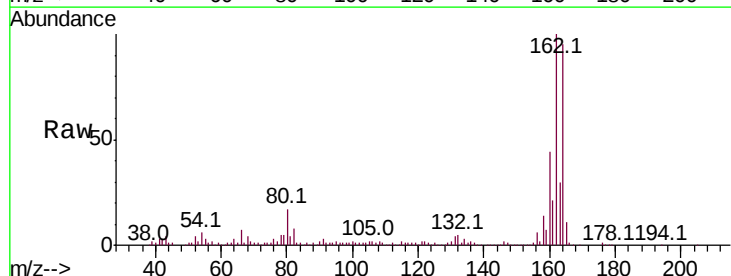
Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

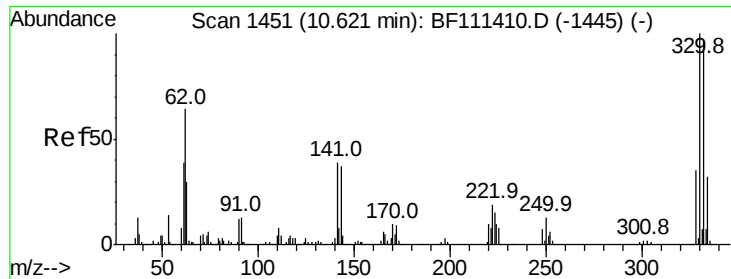
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.4	56.2
54	57.3	47.6	71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	46.2	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 10.353 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

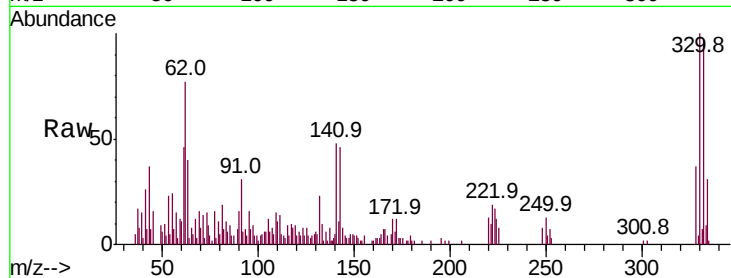
Tot Ion:330 Resp: 17899

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

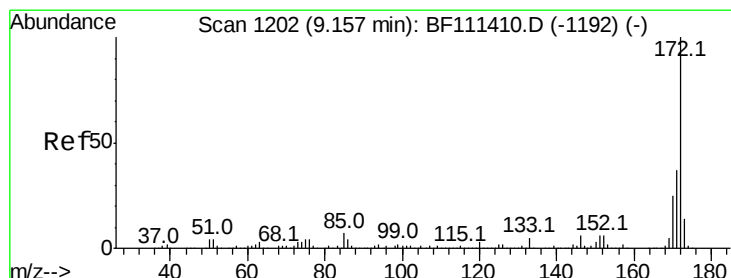
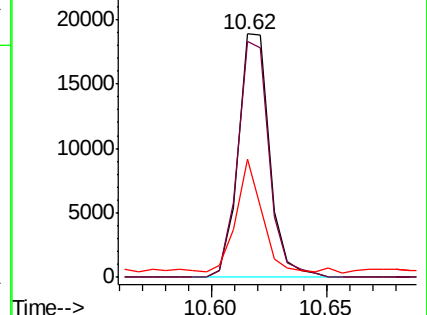
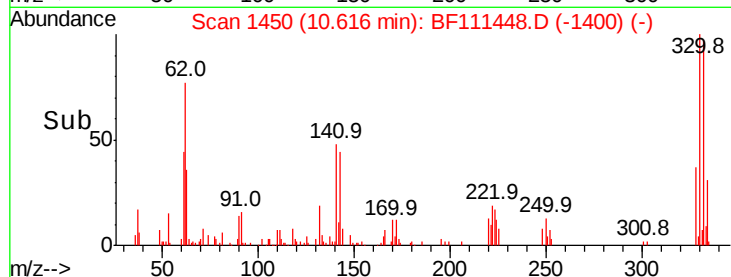
141 40.1 31.0 46.6



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: 9.791 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

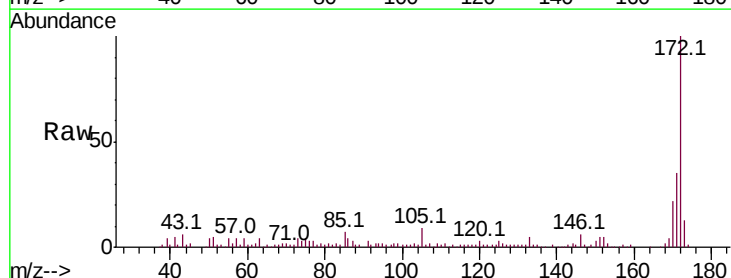
Tgt Ion:172 Resp: 122331

Ion Ratio Lower Upper

172 100

171 34.7 33.0 49.4

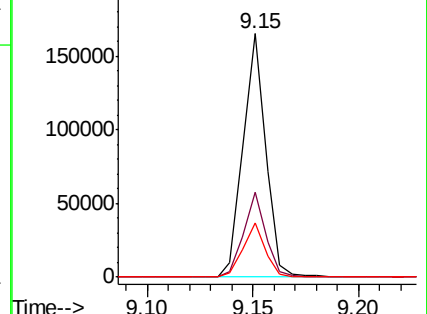
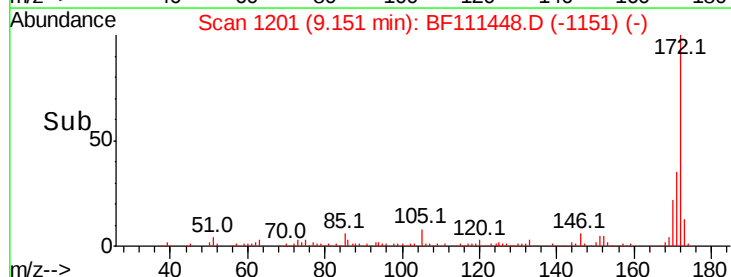
170 22.2 22.3 33.5#

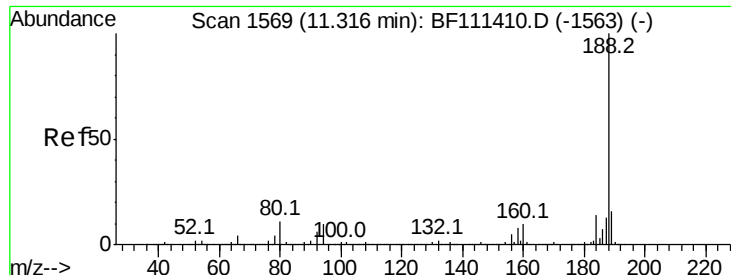


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

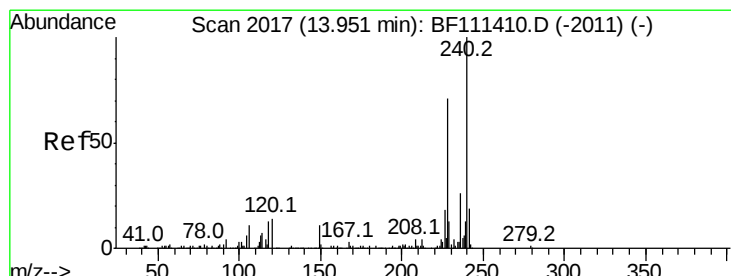
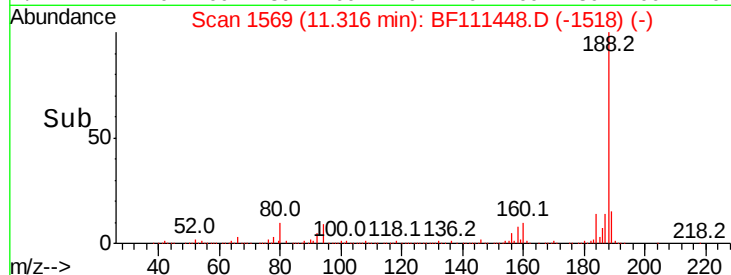
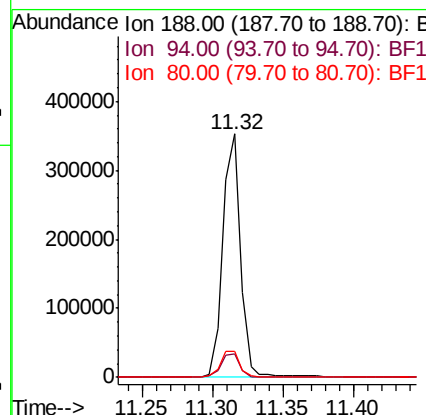
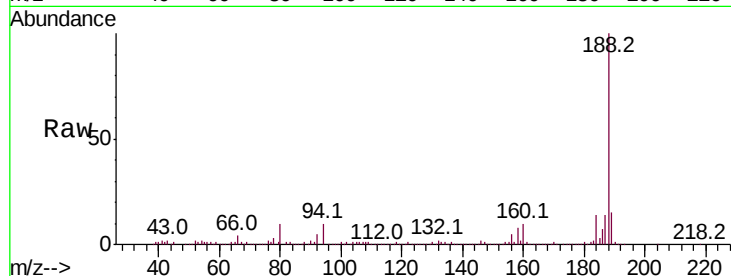




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

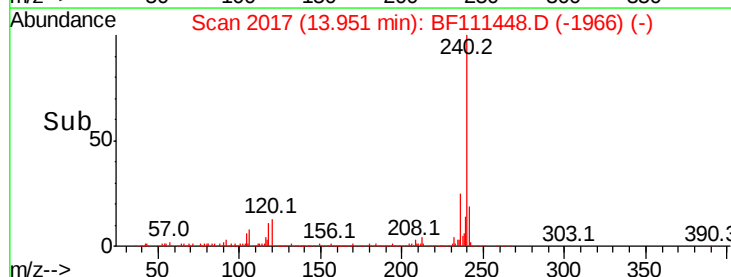
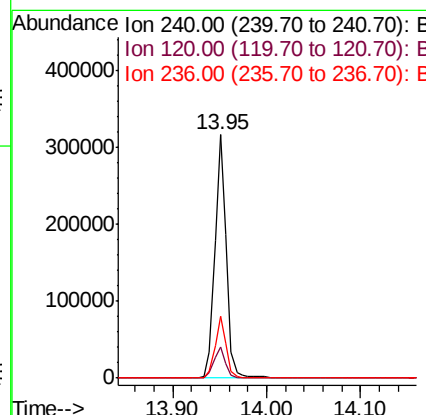
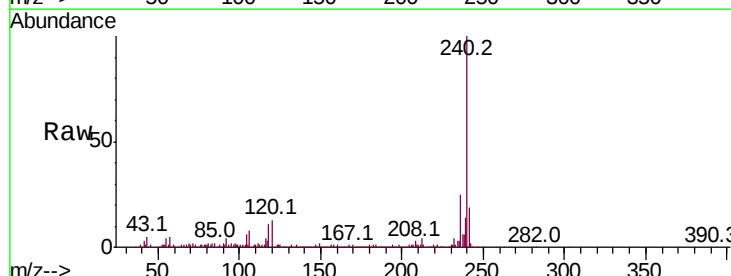
Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

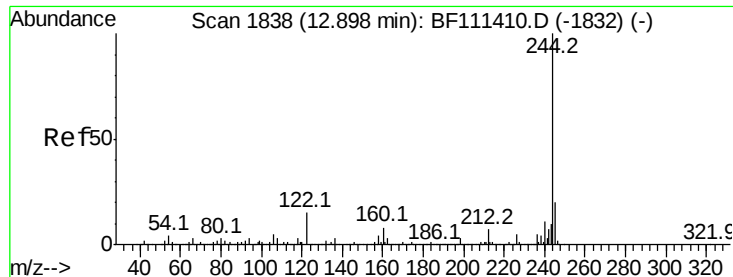
Tot Ion:188 Resp: 308992
Ion Ratio Lower Upper
188 100
94 9.7 9.6 14.4
80 10.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion:240 Resp: 276410
Ion Ratio Lower Upper
240 100
120 12.9 12.2 18.2
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 7.613 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

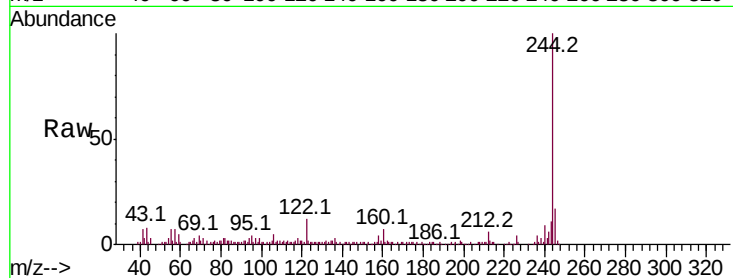
Tot Ion:244 Resp: 89612

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

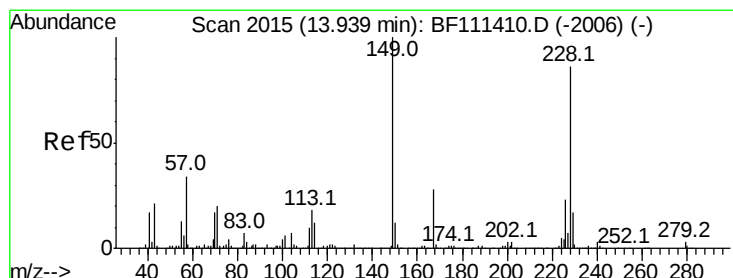
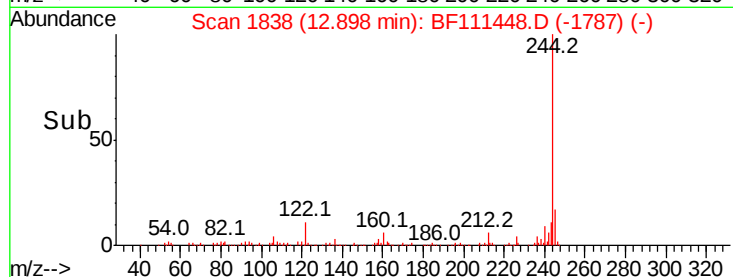
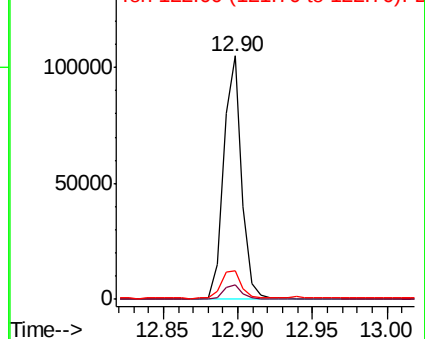
122 11.6 13.1 19.7#



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: 4.361 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

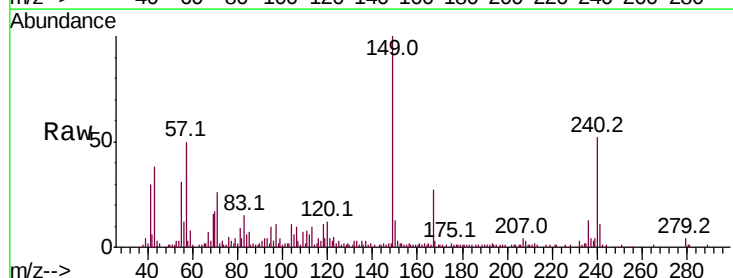
Tgt Ion:149 Resp: 52907

Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

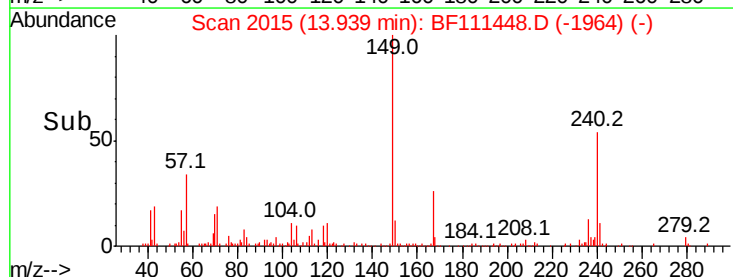
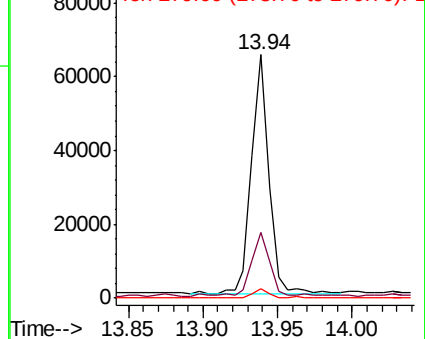
279 3.9 2.6 4.0

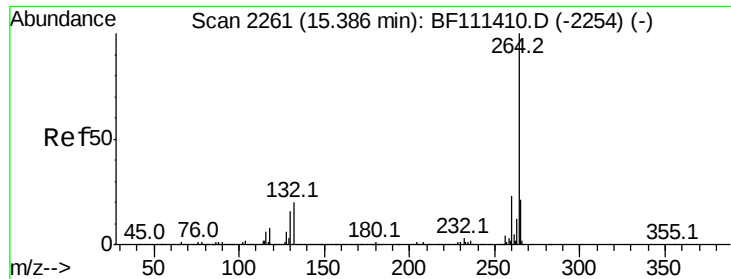


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

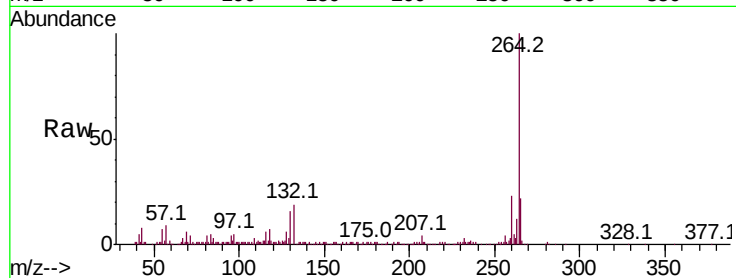




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

Tot Ion:	264	Resp:	183165
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.8	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

