

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111542.D
 Acq On : 17 Dec 2018 16:45
 Operator : JU/SJ
 Sample : J6440-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Dec 18 05:44:03 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

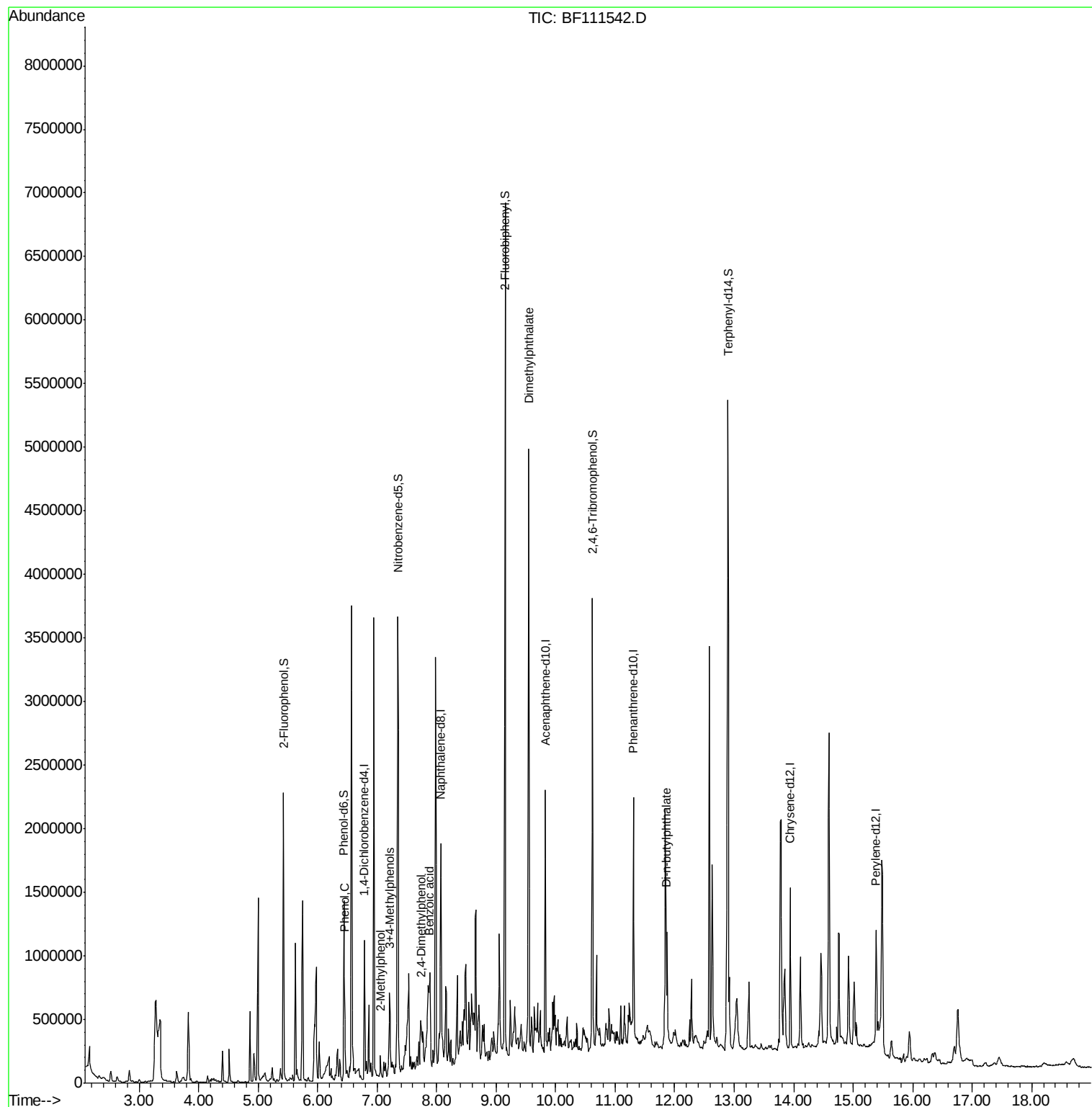
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148210	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	832965	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	380406	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	633857	20.00	ng	0.00
76) Chrysene-d12	13.94	240	414198	20.00	ng	0.00
87) Perylene-d12	15.39	264	412823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	687238	77.16	ng	0.01
7) Phenol-d6	6.45	99	478888	40.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	1323919	94.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	438454	128.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2255273	91.58	ng	0.00
79) Terphenyl-d14	12.90	244	1844169	104.55	ng	0.00
Target Compounds						
10) Phenol	6.46	94	107305	8.131	ng	96
17) 2-Methylphenol	7.06	107	29677	3.465	ng	93
20) 3+4-Methylphenols	7.21	107	159199	14.819	ng	# 60
27) 2,4-Dimethylphenol	7.74	122	43628	4.067	ng	97
32) Benzoic acid	7.88	122	394839	42.591	ng	84
50) Dimethylphthalate	9.55	163	2078965	75.885	ng	99
74) Di-n-butylphthalate	11.87	149	119722	3.112	ng	97

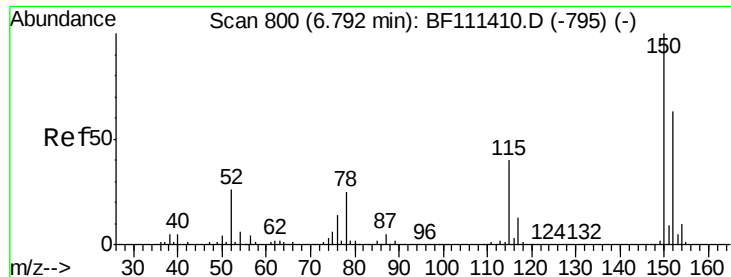
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

Instrument :

BNA_F

ClientSampleId :

COMP-2

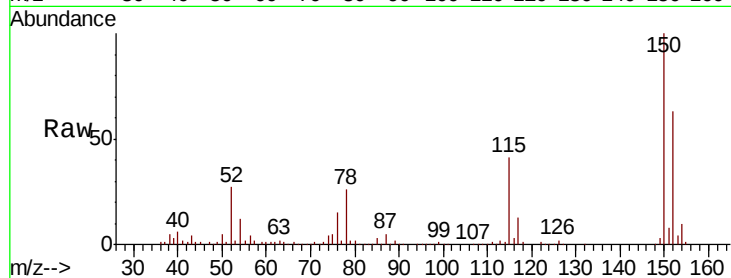
Tot Ion:152 Resp: 148210

Ion Ratio Lower Upper

152 100

150 157.9 126.6 189.8

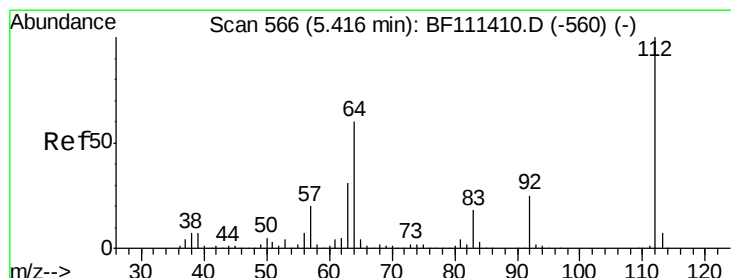
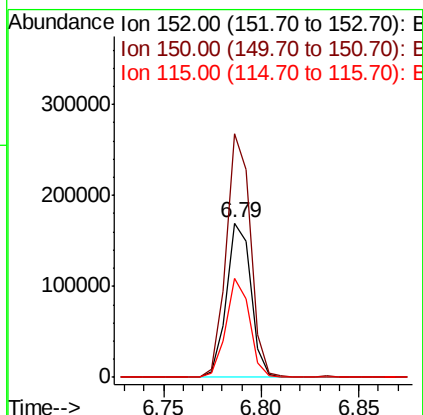
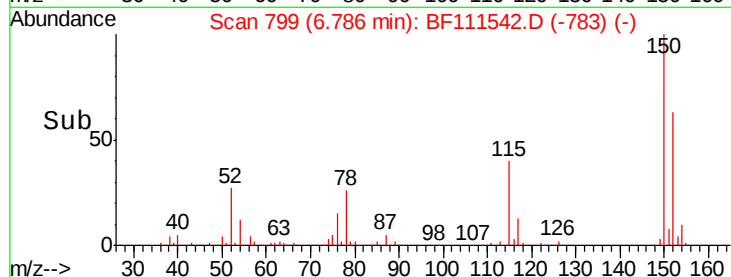
115 64.0 50.7 76.1



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: 77.161 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

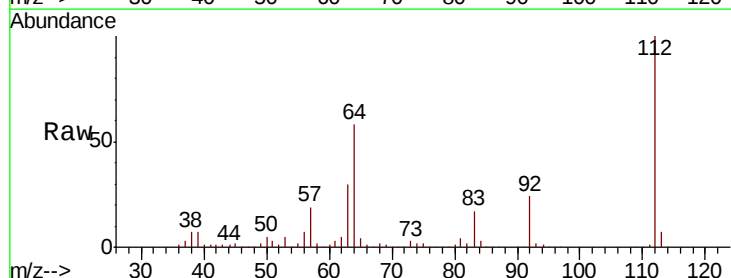
Tgt Ion:112 Resp: 687238

Ion Ratio Lower Upper

112 100

64 58.2 51.8 77.6

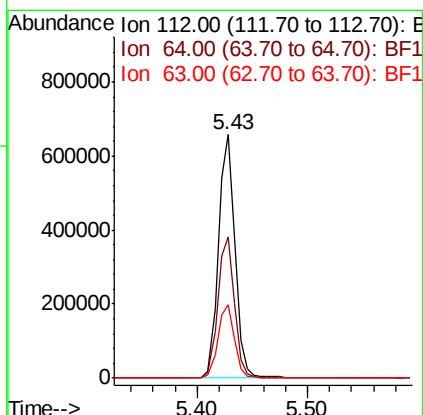
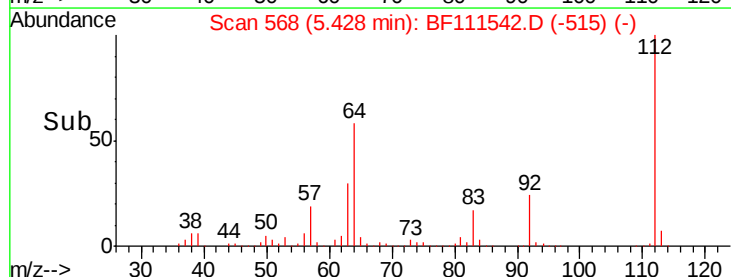
63 30.4 26.8 40.2

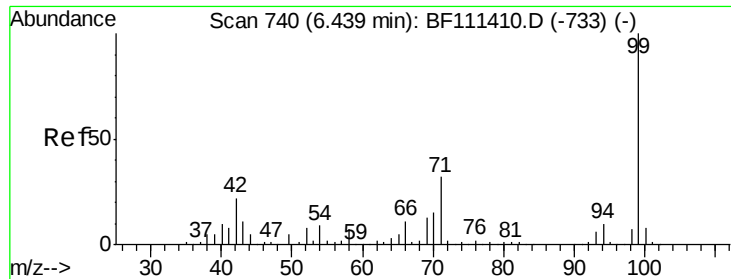


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 40.422 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

Instrument :

BNA_F

ClientSampleId :

COMP-2

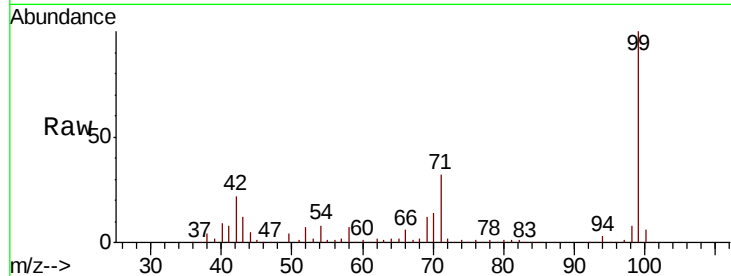
Tot Ion: 99 Resp: 478888

Ion Ratio Lower Upper

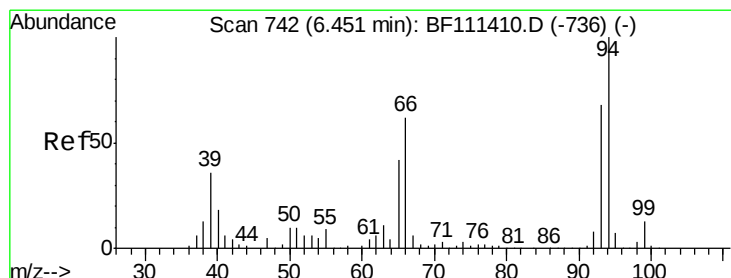
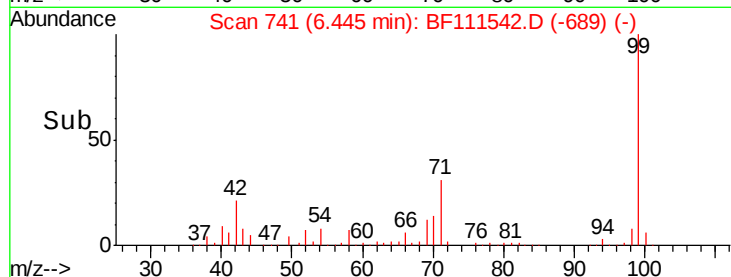
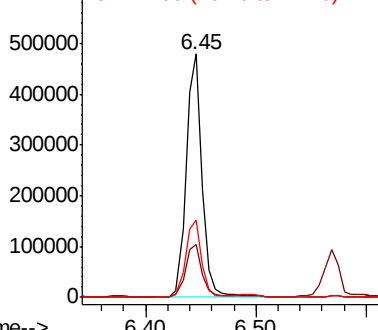
99 100

42 21.6 17.4 26.0

71 31.7 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: 8.131 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

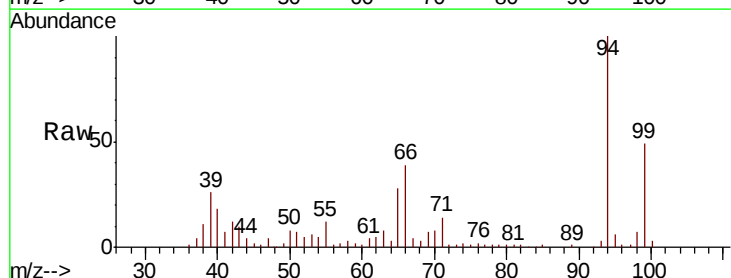
Tgt Ion: 94 Resp: 107305

Ion Ratio Lower Upper

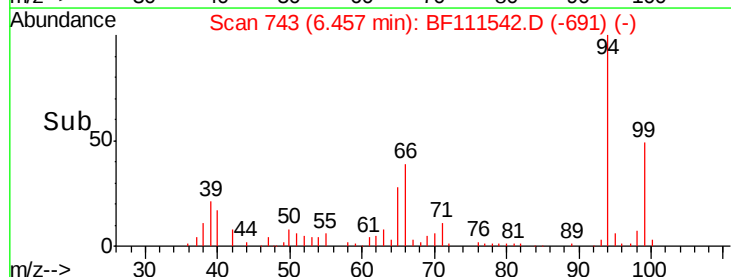
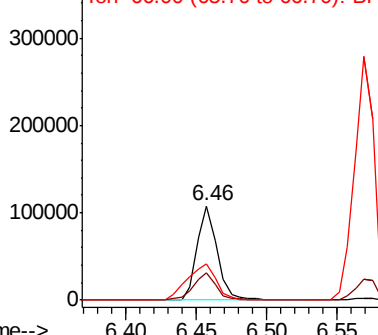
94 100

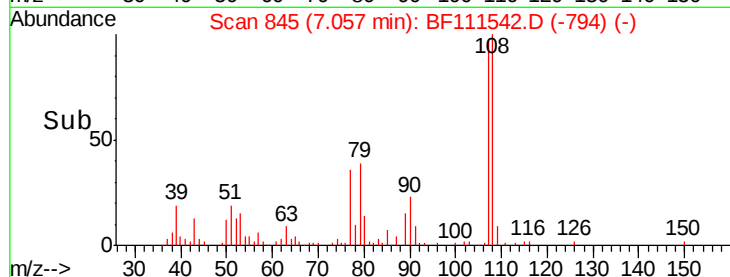
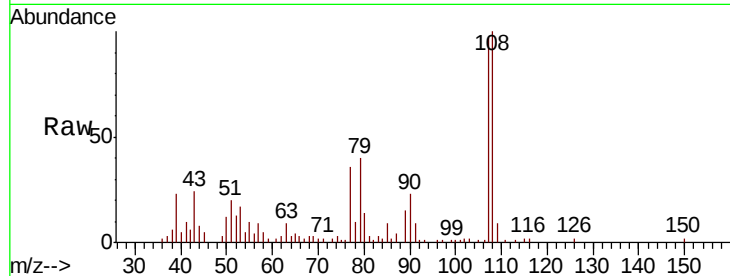
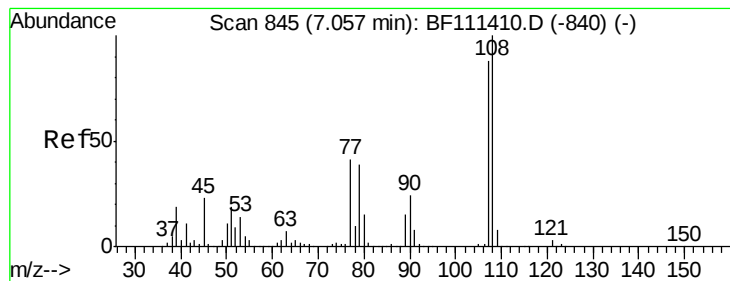
65 28.5 11.7 51.7

66 38.8 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





#17

2-Methylphenol

Concen: 3.465 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

Instrument :

BNA_F

ClientSampled :

COMP-2

Tot Ion:107 Resp: 29677

Ion Ratio Lower Upper

107 100

108 103.1 91.0 136.4

77 37.2 33.5 50.3

79 41.2 33.3 49.9

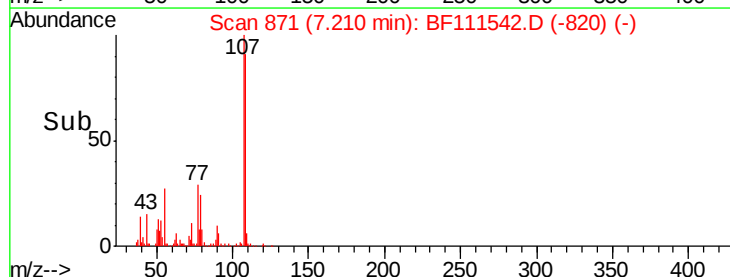
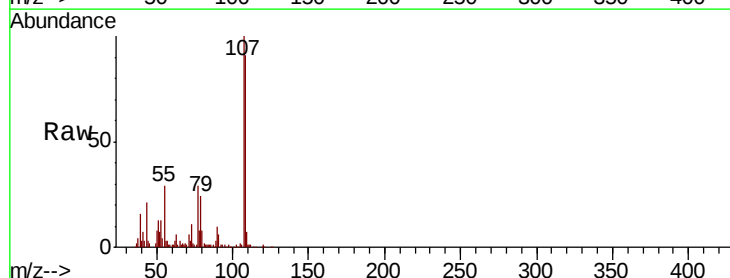
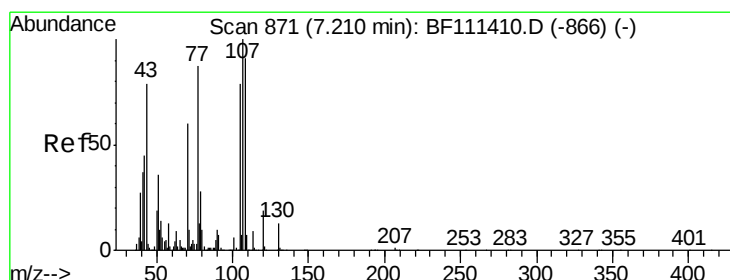
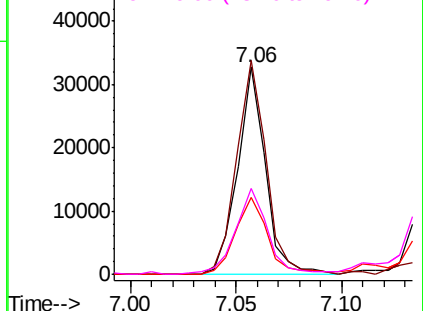
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20

3+4-Methylphenols

Concen: 14.819 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

Tgt Ion:107 Resp: 159199

Ion Ratio Lower Upper

107 100

108 91.3 72.1 112.1

77 28.5 94.1 134.1#

79 24.5 9.8 49.8

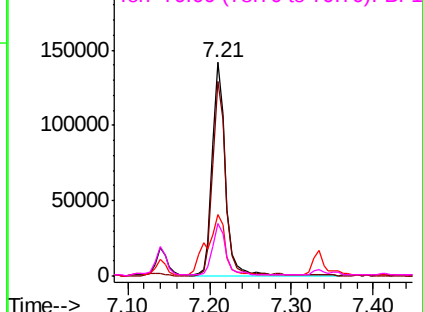
Abundance

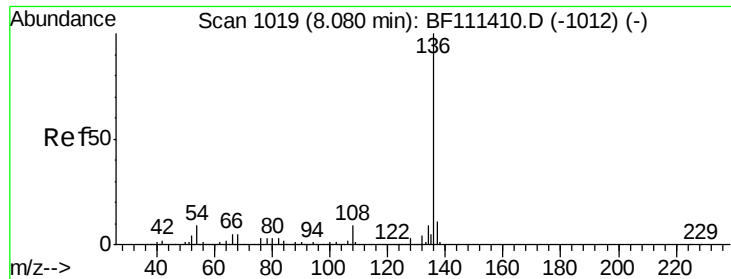
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

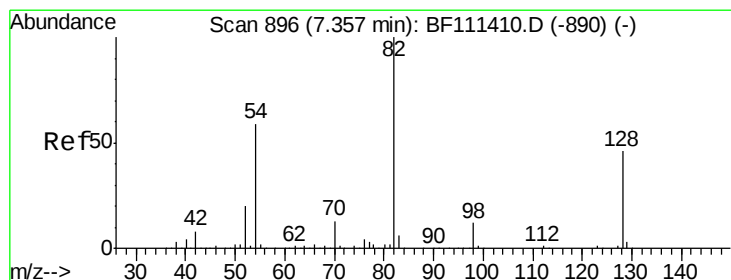
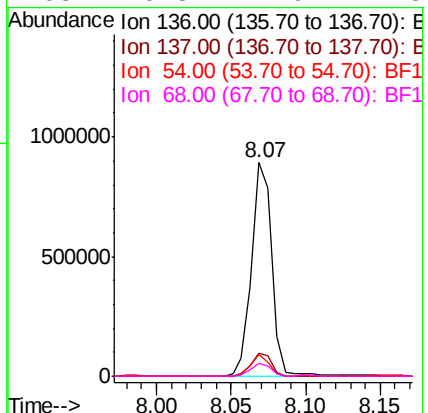
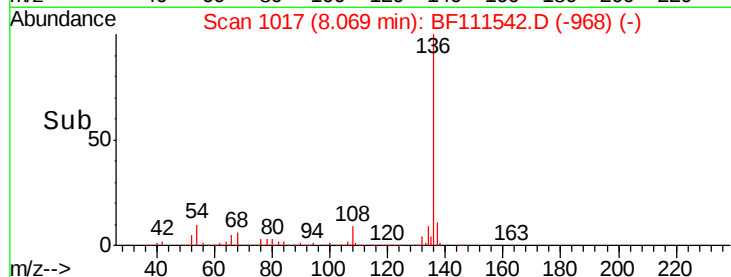
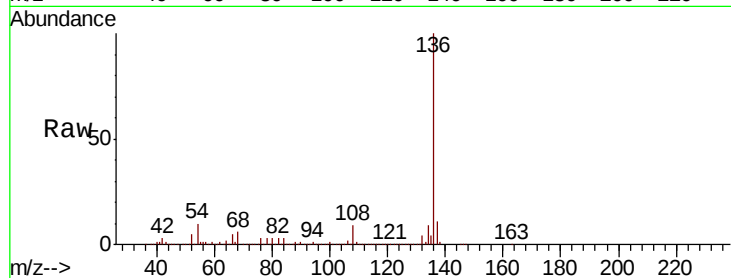




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

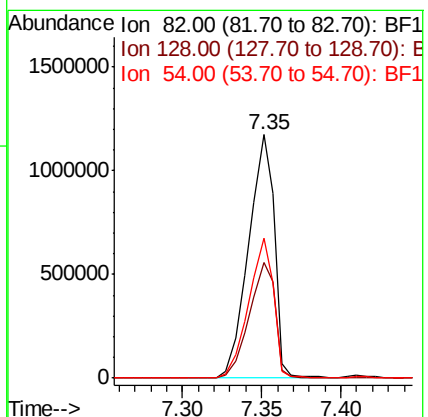
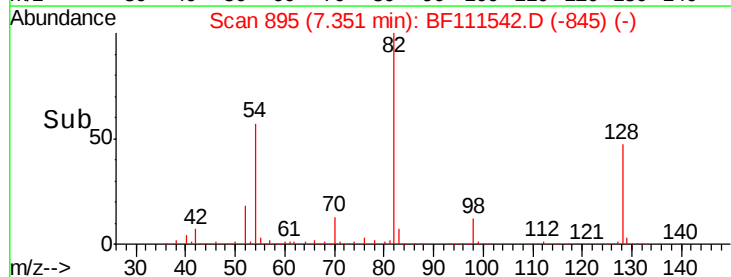
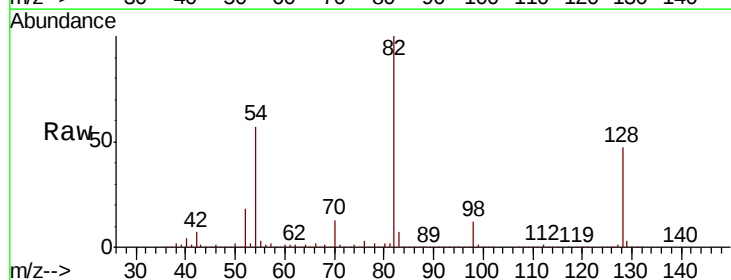
Instrument :
BNA_F
ClientSampleId :
COMP-2

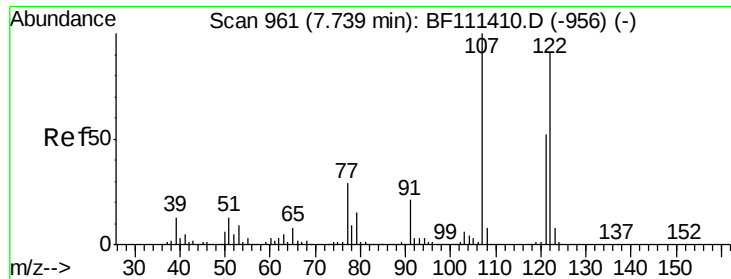
Tot Ion:136	Resp: 832965
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 10.0	7.7 11.5
68 6.3	4.9 7.3



#23
Nitrobenzene-d5
Concen: 94.647 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Tgt	Ion: 82	Resp: 1323919	
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.2
54	57.3	47.6	71.4

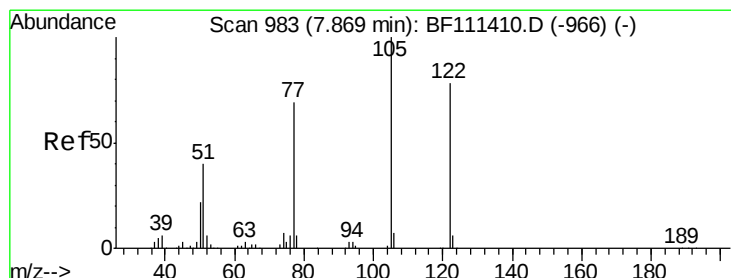
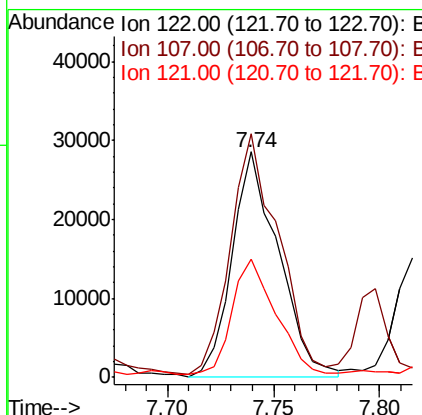
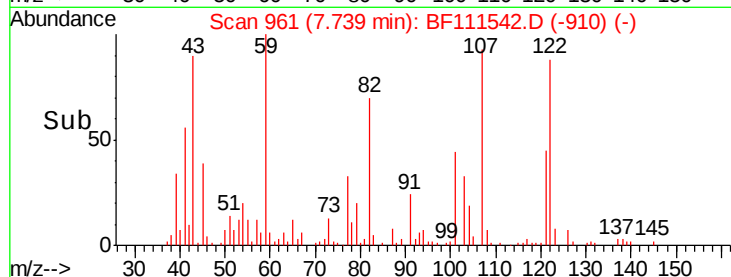
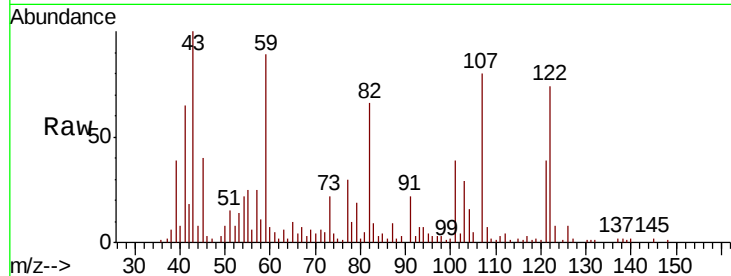




#27
2,4-Dimethylphenol
Concen: 4.067 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

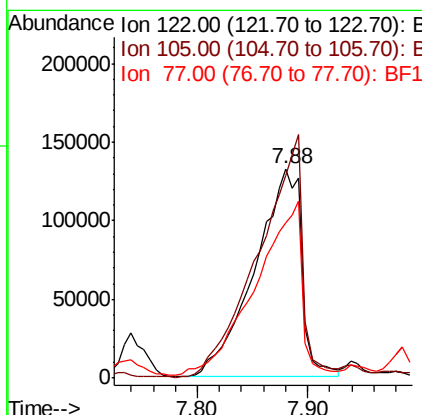
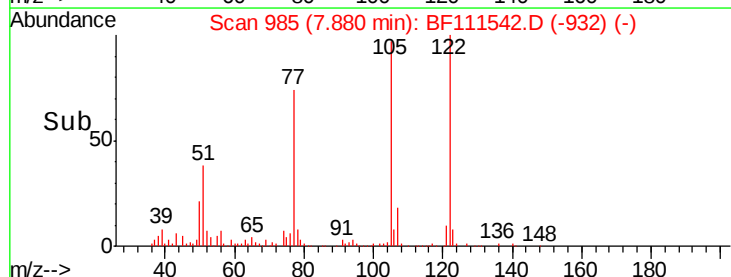
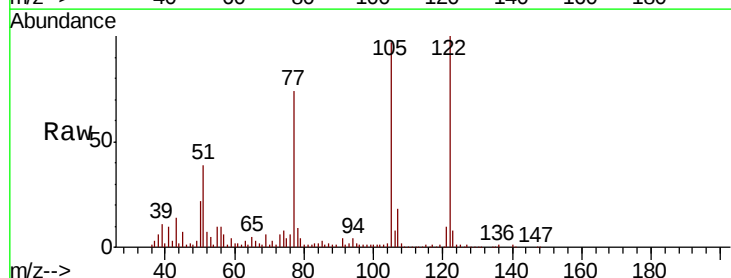
Instrument :
BNA_F
ClientSampleId :
COMP-2

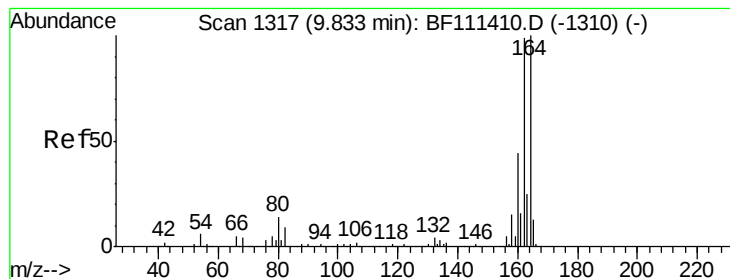
Tot Ion:122 Resp: 43628
Ion Ratio Lower Upper
122 100
107 108.0 85.5 128.3
121 52.5 46.6 70.0



#32
Benzoic acid
Concen: 42.591 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Tgt Ion:122 Resp: 394839
Ion Ratio Lower Upper
122 100
105 97.2 97.0 137.0
77 74.5 65.7 105.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

Instrument :

BNA_F

ClientSampleId :

COMP-2

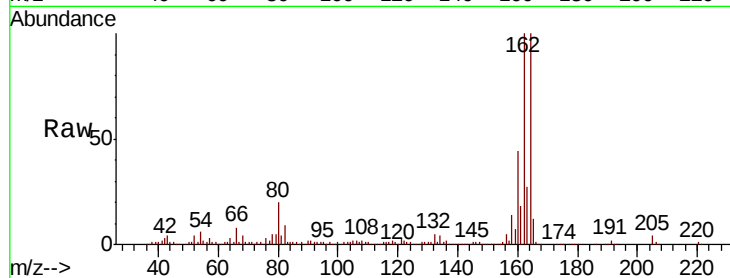
Tot Ion:164 Resp: 380406

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

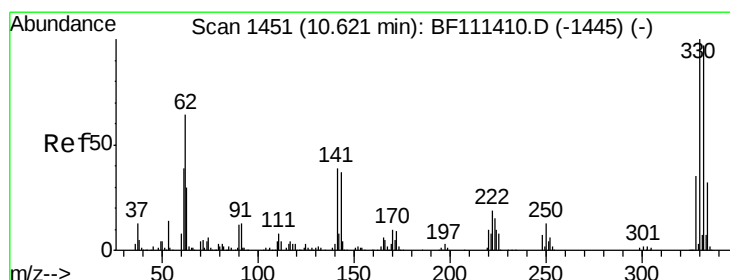
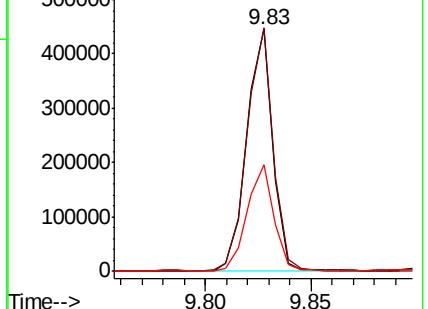
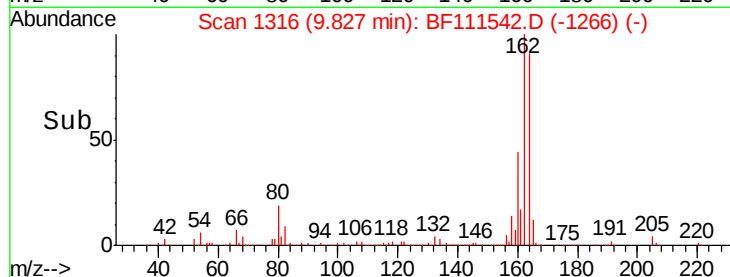
160 44.1 35.7 53.5



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: 128.668 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

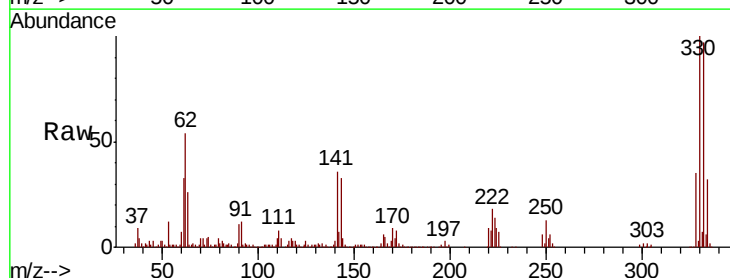
Tgt Ion:330 Resp: 438454

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

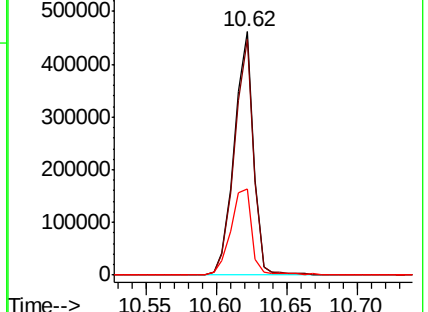
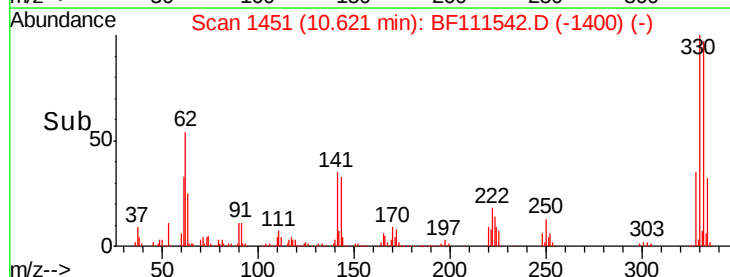
141 38.1 31.0 46.6

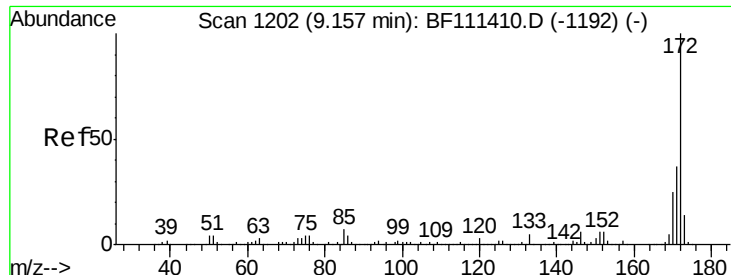


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

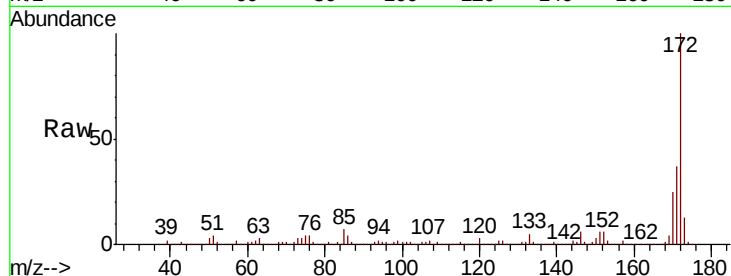




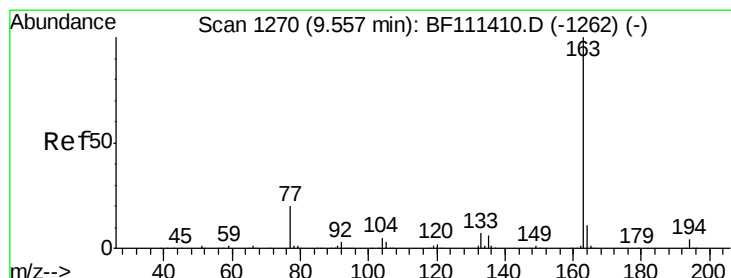
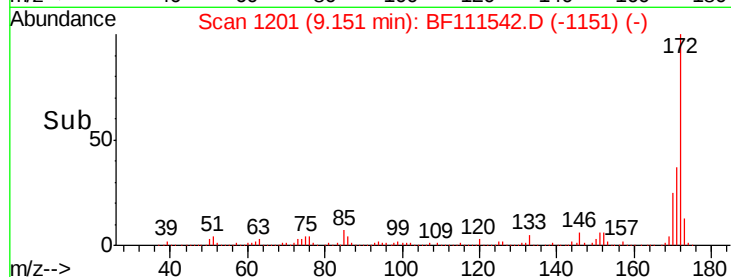
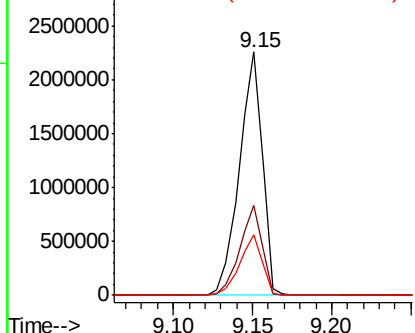
#45
2-Fluorobiphenyl
Concen: 91.575 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion:172 Resp: 2255273
Ion Ratio Lower Upper
172 100
171 36.8 33.0 49.4
170 24.9 22.3 33.5

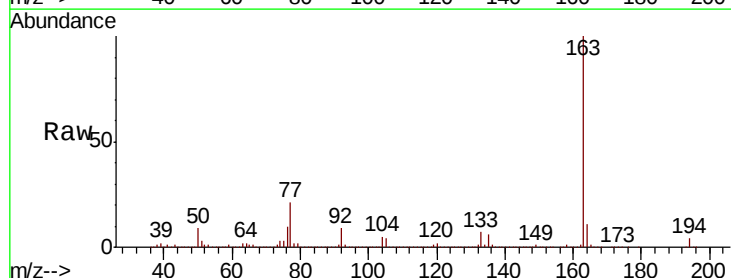


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

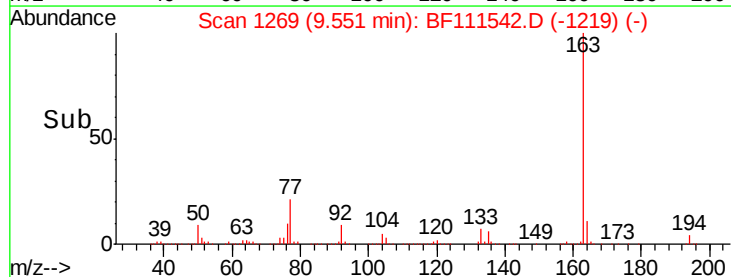
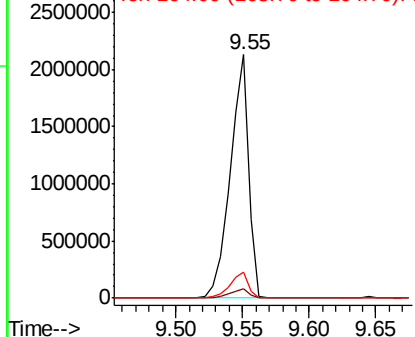


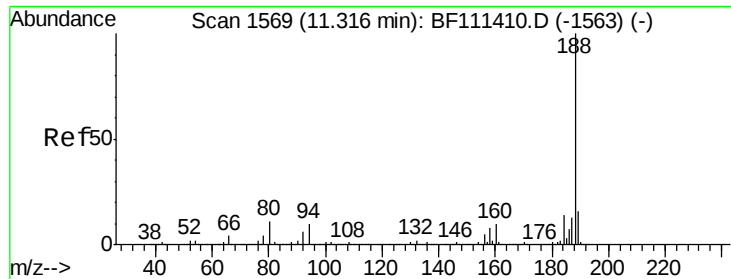
#50
Dimethylphthalate
Concen: 75.885 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Tgt Ion:163 Resp: 2078965
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.8 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

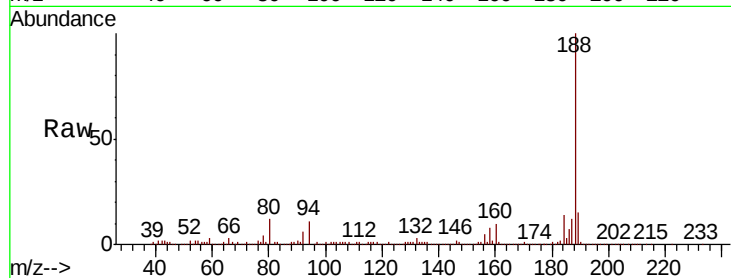




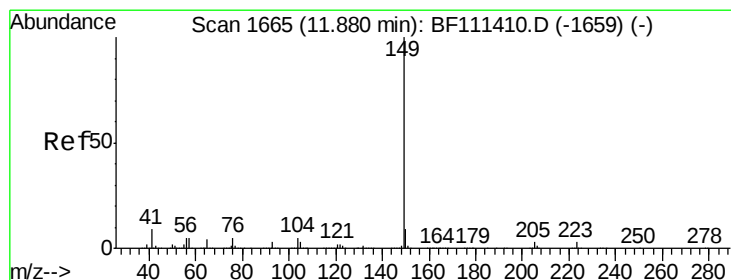
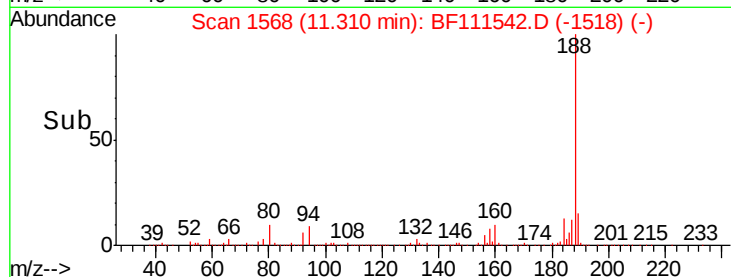
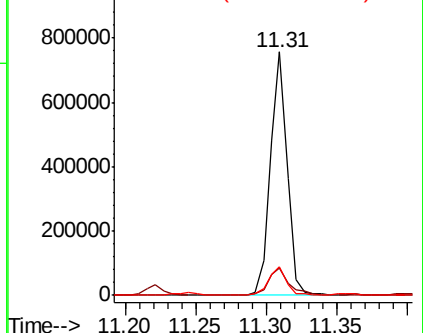
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion:188 Resp: 633857
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.6 9.8 14.6

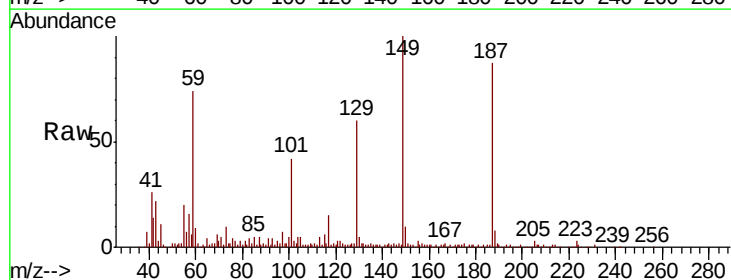


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

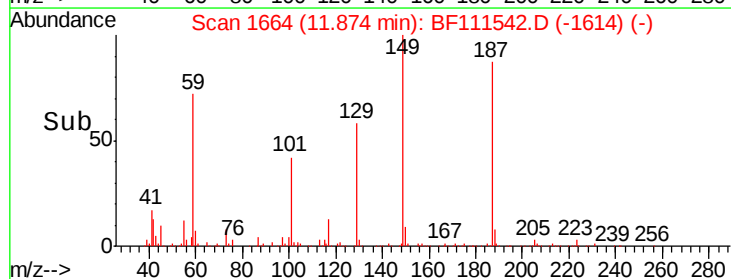
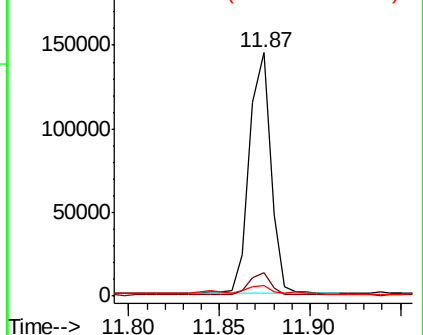


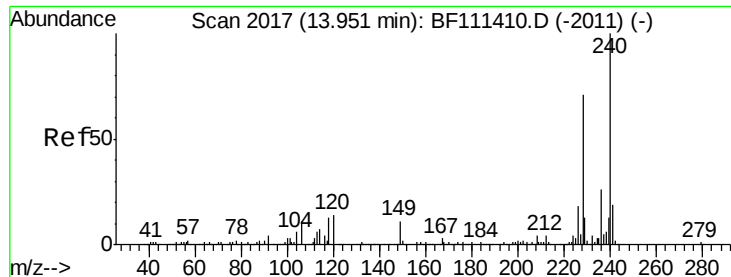
#74
Di-n-butylphthalate
Concen: 3.112 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Tgt Ion:149 Resp: 119722
Ion Ratio Lower Upper
149 100
150 9.8 8.8 13.2
104 4.6 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

Instrument :

BNA_F

ClientSampleId :

COMP-2

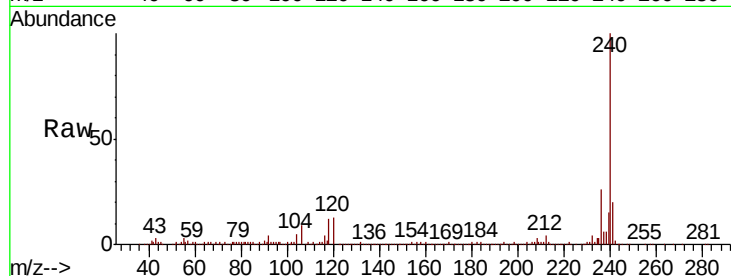
Tot Ion:240 Resp: 414198

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

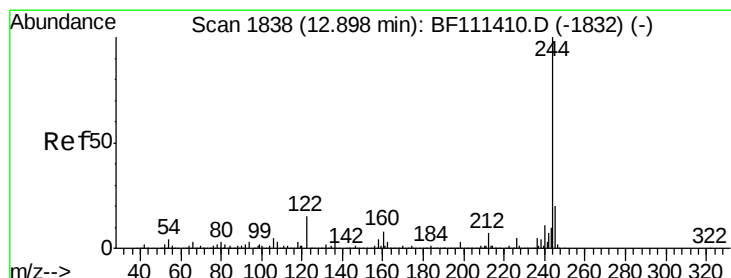
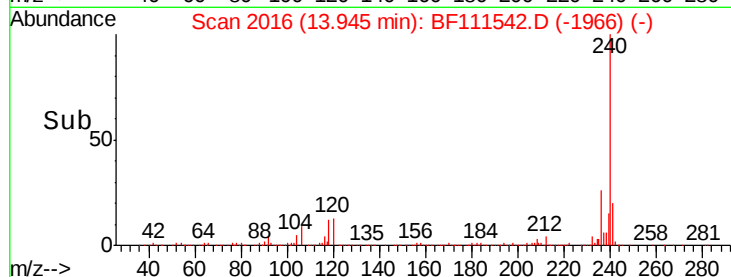
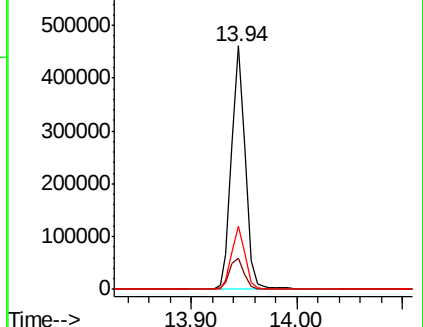
236 25.7 20.2 30.2



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: 104.553 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111542.D

Acq: 17 Dec 2018 16:45

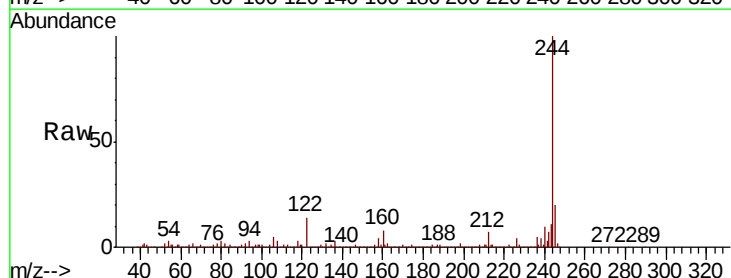
Tgt Ion:244 Resp: 1844169

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

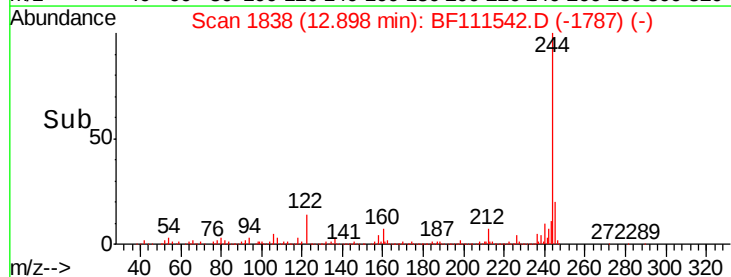
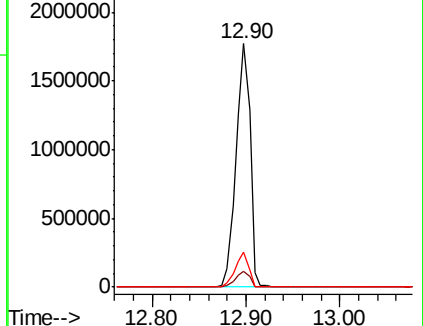
122 14.4 13.1 19.7

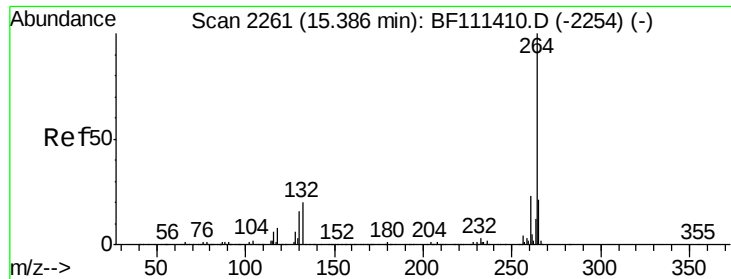


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111542.D
Acq: 17 Dec 2018 16:45

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.1	18.3	27.5	
265	21.3	17.7	26.5	

