

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102281.D
 Acq On : 21 Jan 2018 00:23
 Operator : SJ/JU
 Sample : J1186-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

Quant Time: Jan 22 04:04:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

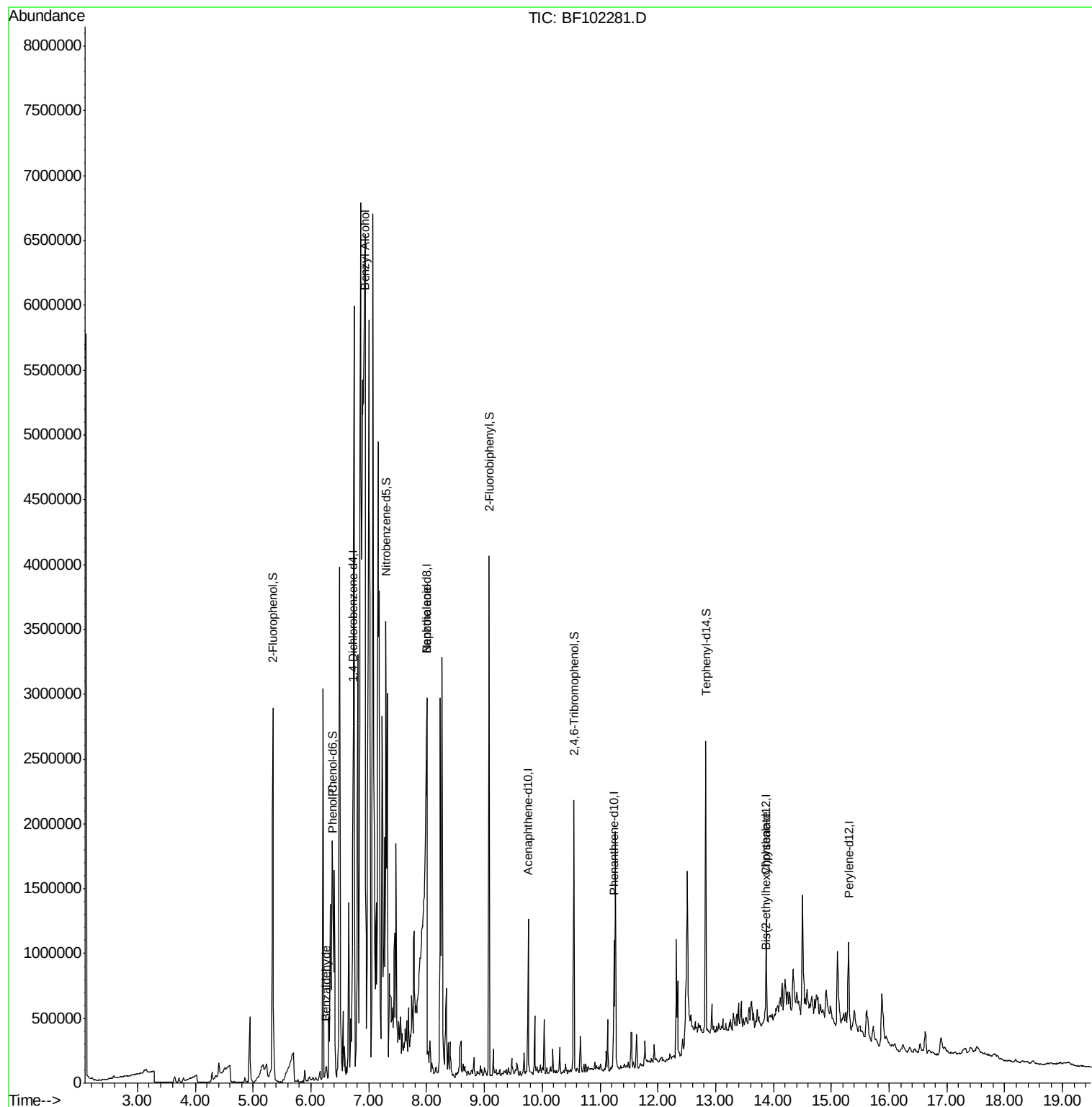
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130827	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493227	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	233251	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	345638	20.00	ng	0.00
75) Chrysene-d12	13.87	240	254560	20.00	ng	0.00
86) Perylene-d12	15.30	264	203413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	929700	100.35	ng	0.01
7) Phenol-d6	6.36	99	1156239	104.60	ng	0.00
23) Nitrobenzene-d5	7.30	82	755995	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	240312	118.06	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1334518	89.38	ng	0.00
78) Terphenyl-d14	12.83	244	773047	63.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	19849	2.59	ng	Qvalue 96
10) Phenol	6.38	94	270239	21.63	ng	96
15) Benzyl Alcohol	6.94	79	4431209	548.03	ng	98
32) Benzoic acid	8.01	122	2596144	485.63	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	33722	2.85	ng	# 98

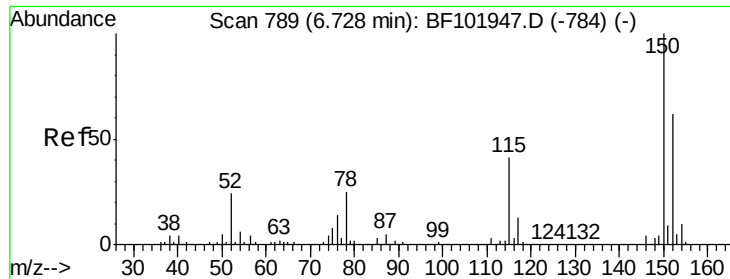
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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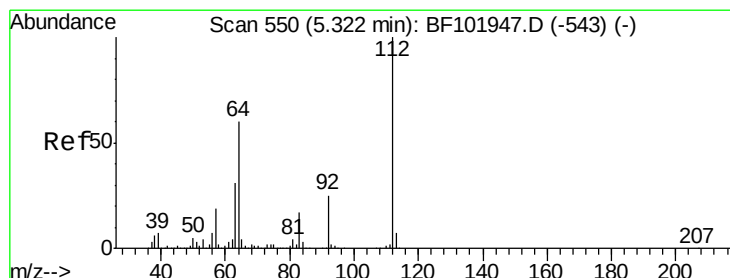
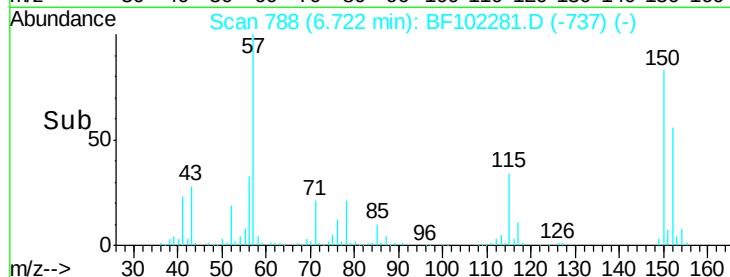
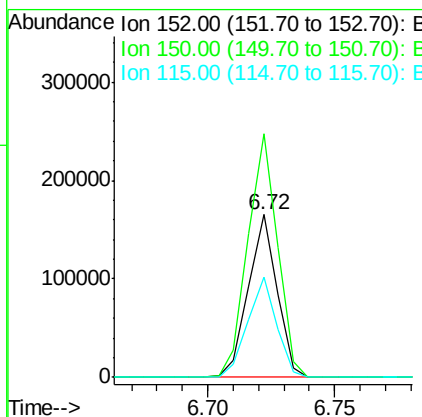
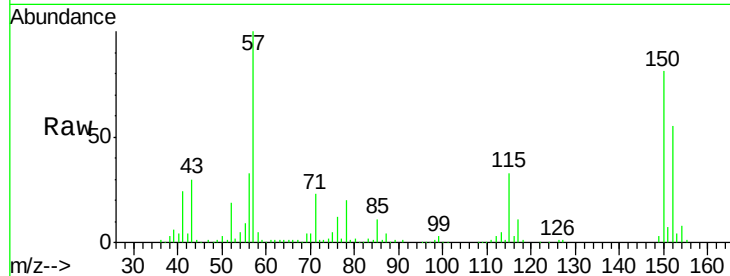


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

Instrument :
BNA_F
ClientSampleId :
OWS-4

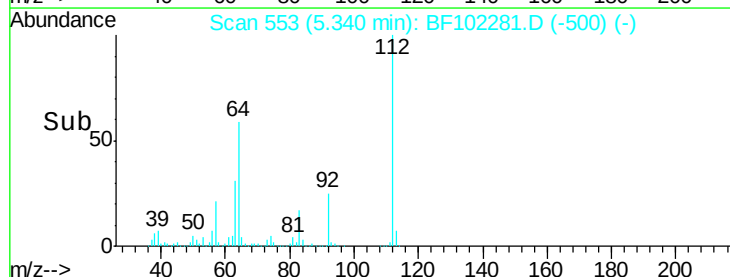
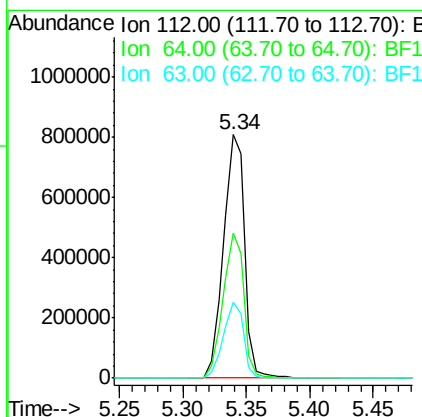
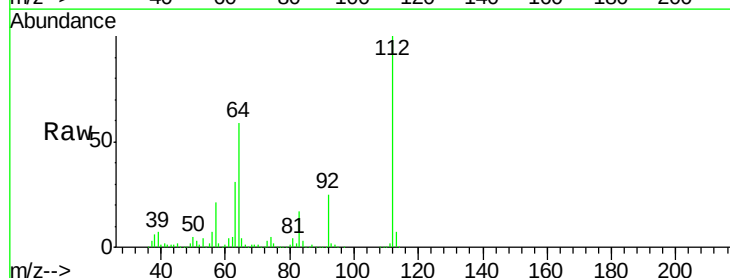
Tot Ion:152 Resp: 130827
Ion Ratio Lower Upper
152 100
150 149.5 124.6 186.8
115 61.3 50.1 75.1

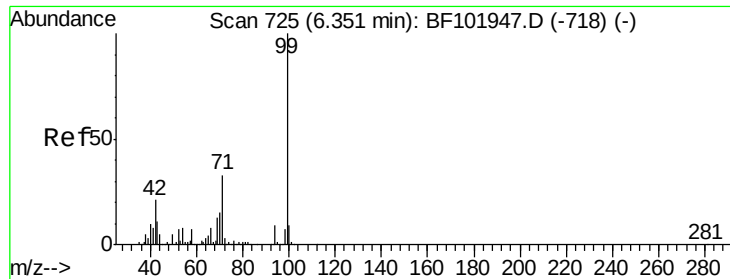


#5

2-Fluorophenol
Concen: 100.35 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

Tgt Ion:112 Resp: 929700
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 104.60 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

Instrument :

BNA_F

ClientSampleId :

OWS-4

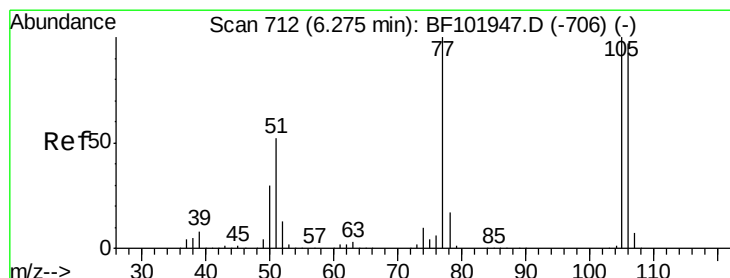
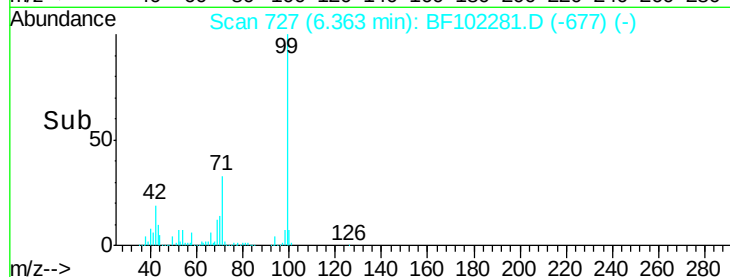
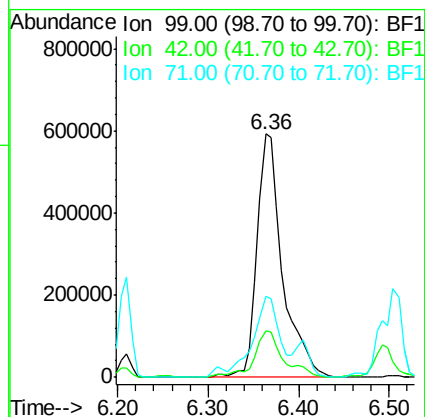
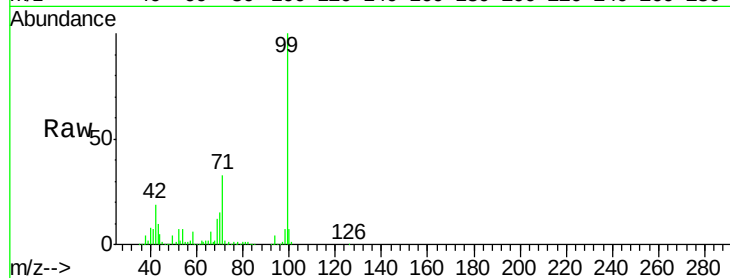
Tot Ion: 99 Resp: 1156239

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 33.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.59 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

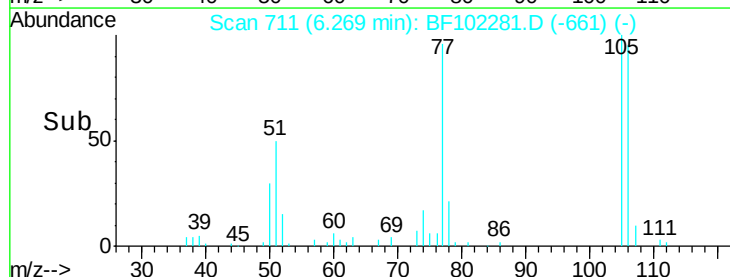
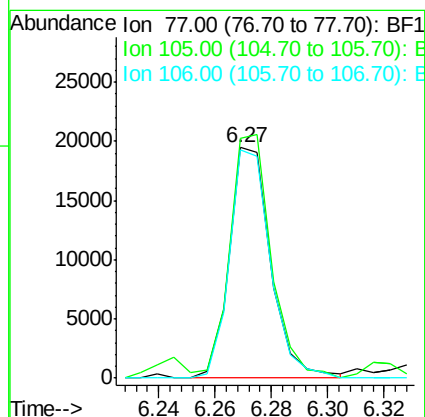
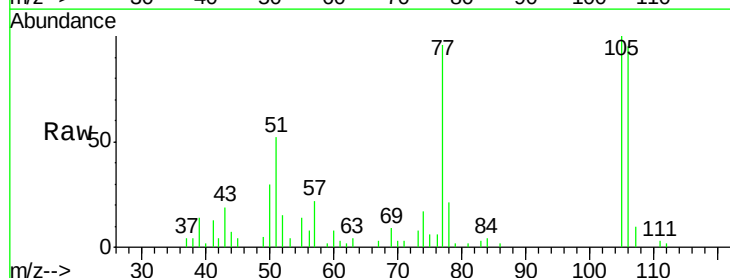
Tgt Ion: 77 Resp: 19849

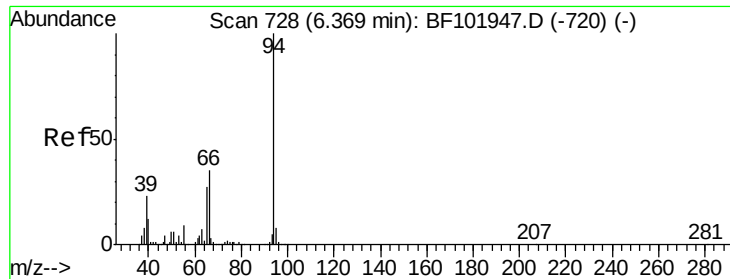
Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

106 98.8 74.5 114.5





#10

Phenol

Concen: 21.63 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

Instrument :

BNA_F

ClientSampled :

OWS-4

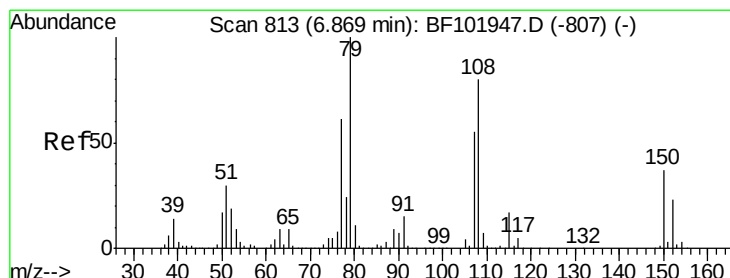
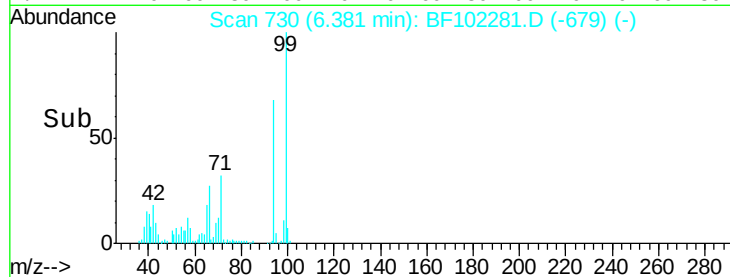
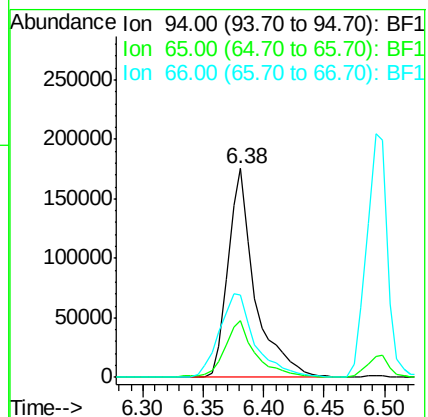
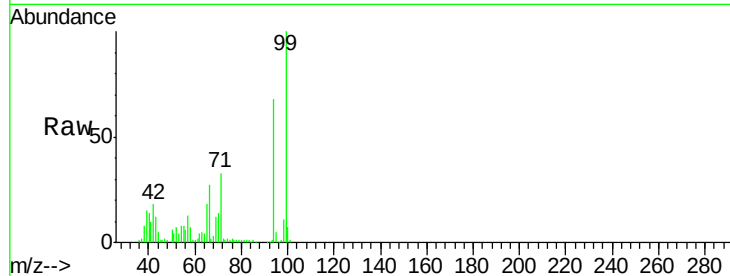
Tot Ion: 94 Resp: 270239

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 39.6 16.2 56.2



#15

Benzyl Alcohol

Concen: 548.03 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.06 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

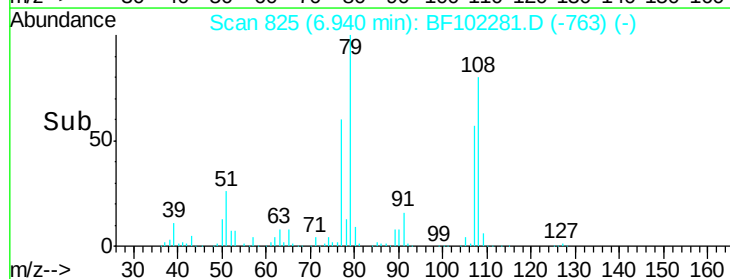
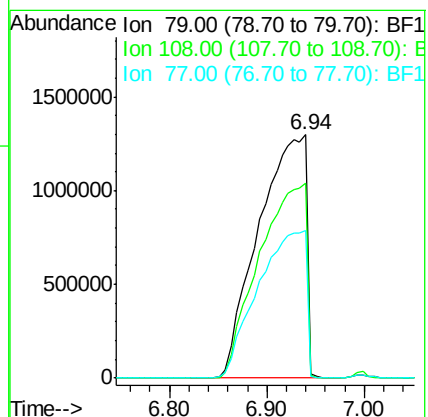
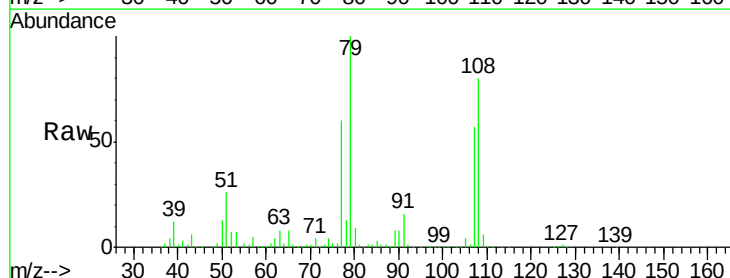
Tgt Ion: 79 Resp: 4431209

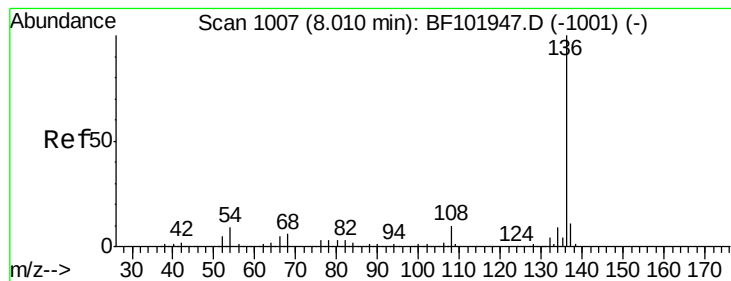
Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

77 60.5 50.6 75.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

Instrument :

BNA_F

ClientSampleId :

OWS-4

Tot Ion:136 Resp: 493227

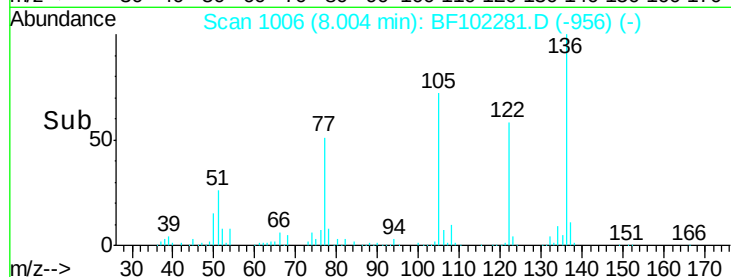
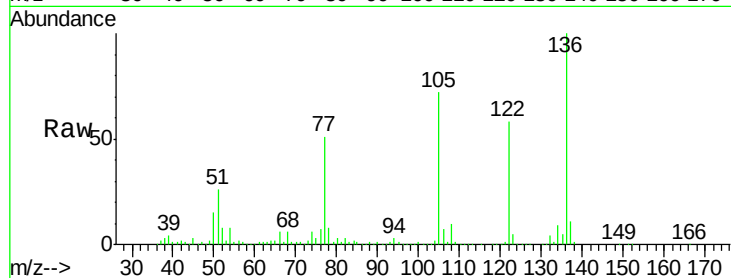
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4



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

Time-->

8.00

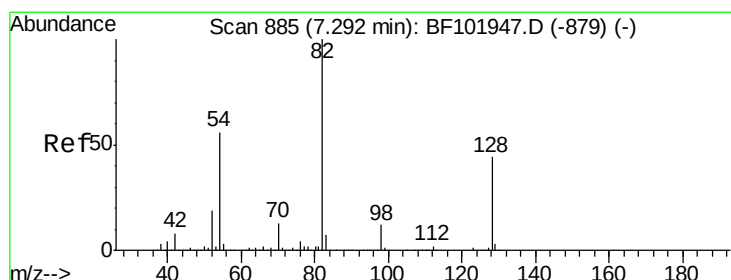
600000

400000

200000

0

7.95 8.00 8.05



#23

Nitrobenzene-d5

Concen: 90.07 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

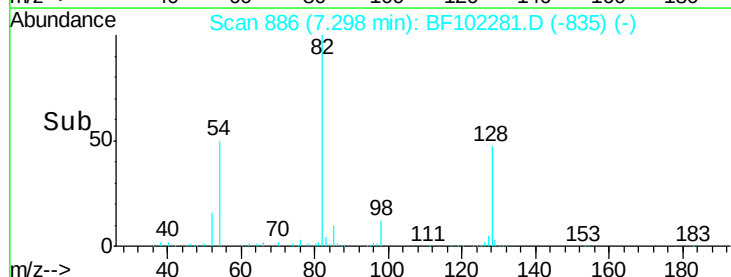
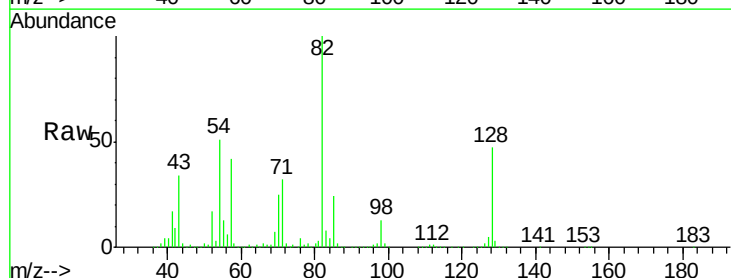
Tgt Ion: 82 Resp: 755995

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

54 51.1 41.4 62.2



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

Time-->

7.30

800000

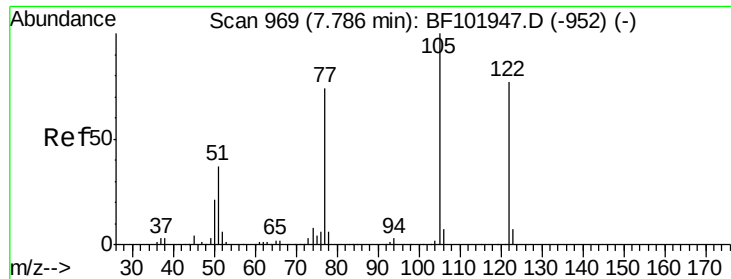
600000

400000

200000

0

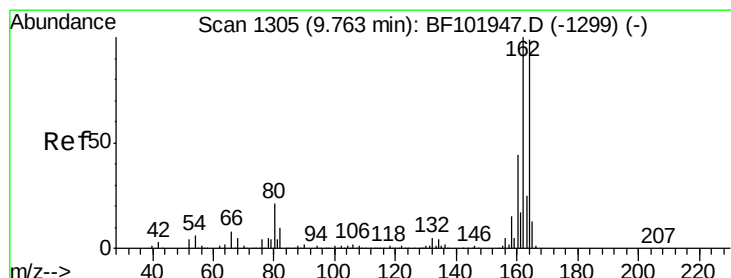
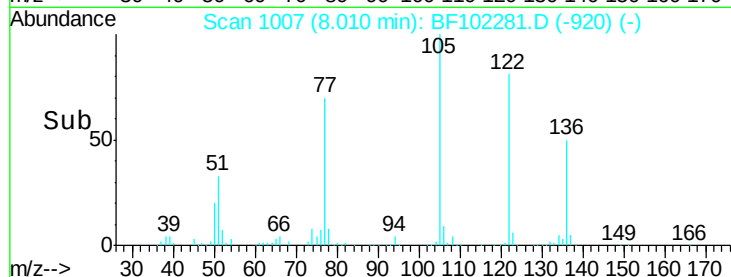
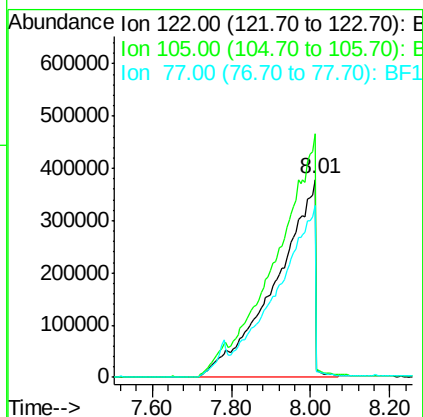
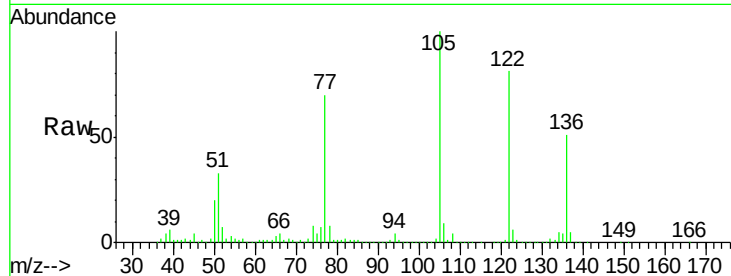
7.25 7.30 7.35



#32
Benzoic acid
Concen: 485.63 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.21 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

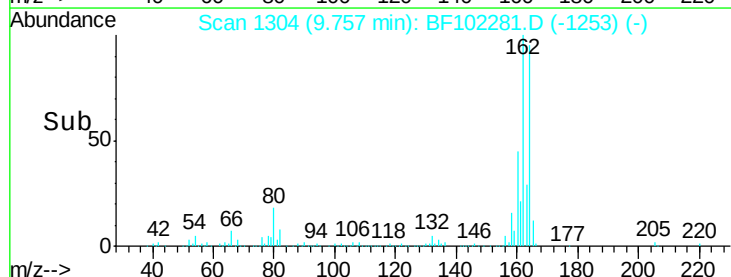
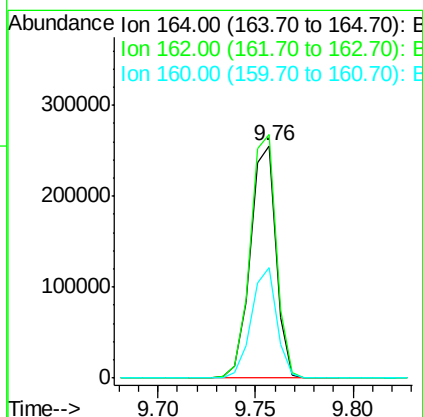
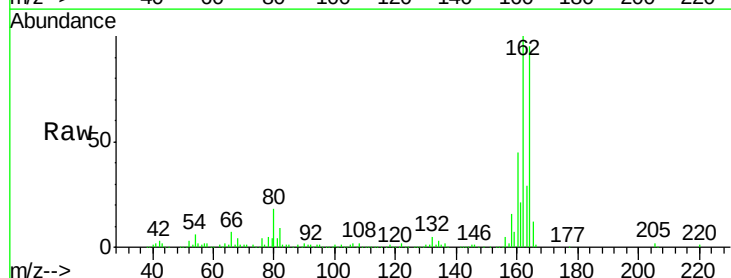
Instrument :
BNA_F
ClientSampleId :
OWS-4

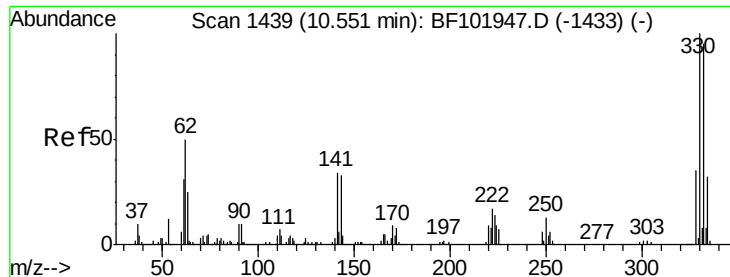
Tot Ion:122 Resp: 2596144
Ion Ratio Lower Upper
122 100
105 123.1 101.1 141.1
77 86.7 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

Tgt Ion:164 Resp: 233251
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 47.4 38.3 57.5

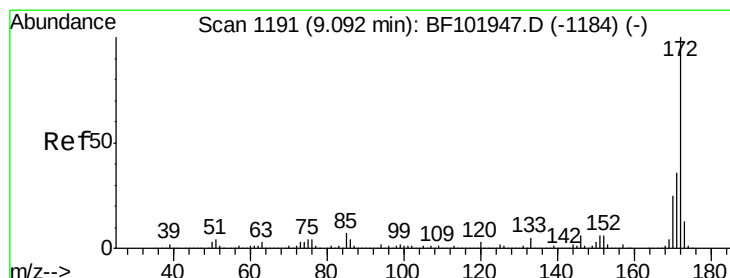
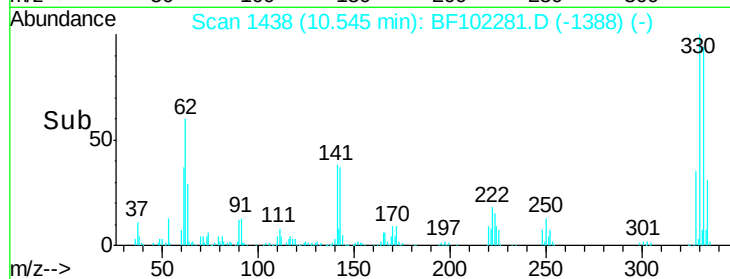
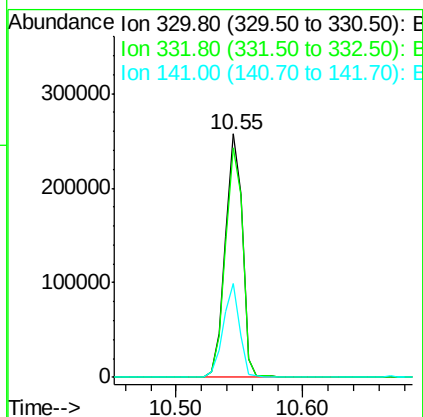
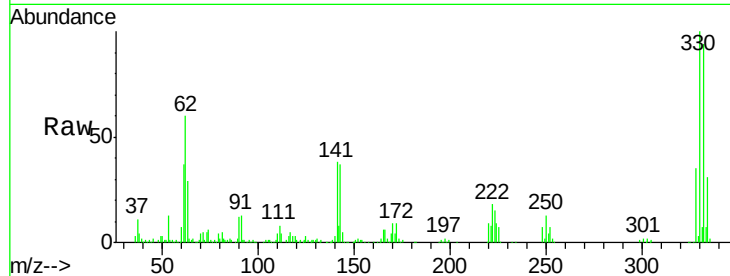




#41
 2,4,6-Tribromophenol
 Concen: 118.06 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102281.D
 Acq: 21 Jan 2018 00:23

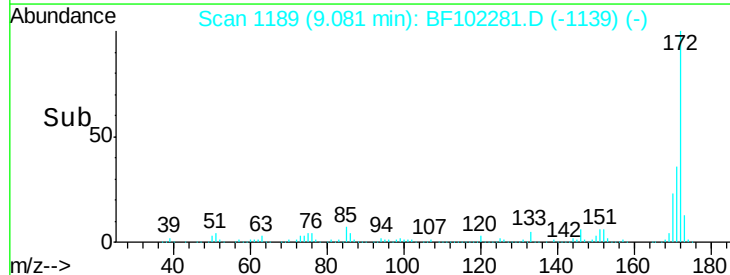
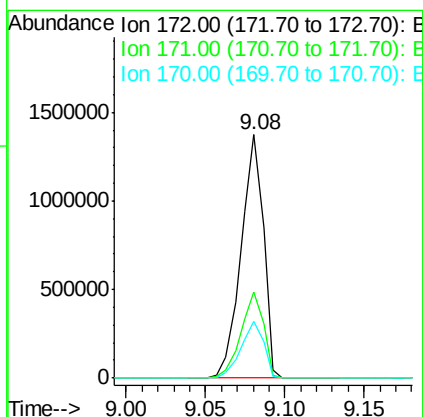
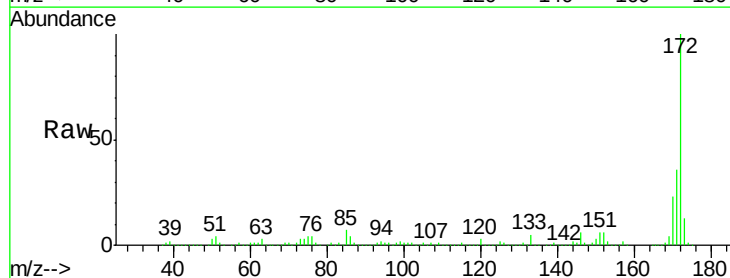
Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

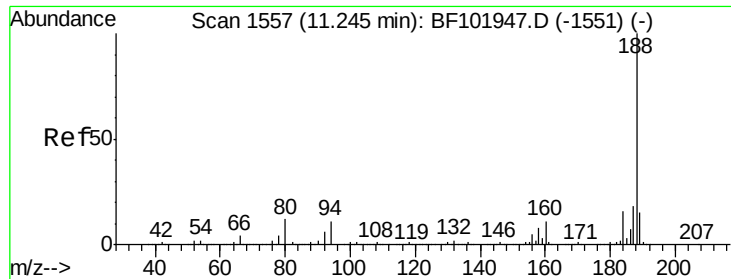
Tot Ion:330 Resp: 240312
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 36.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 89.38 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102281.D
 Acq: 21 Jan 2018 00:23

Tgt Ion:172 Resp: 1334518
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.5 19.6 29.4

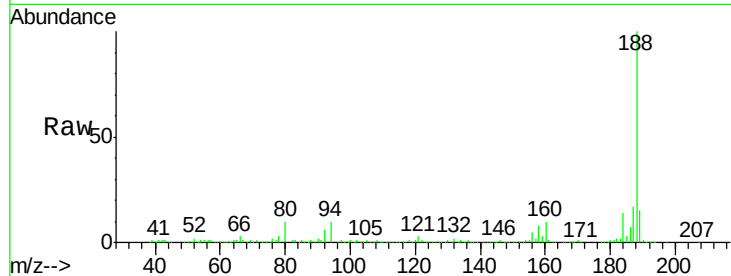




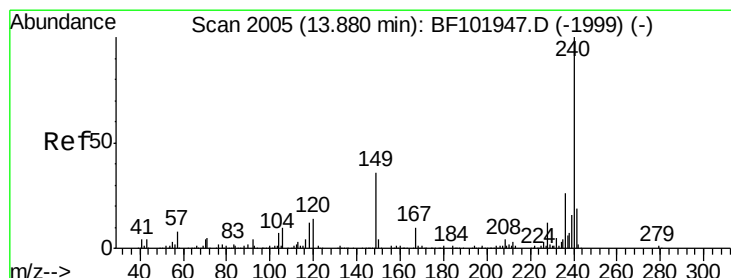
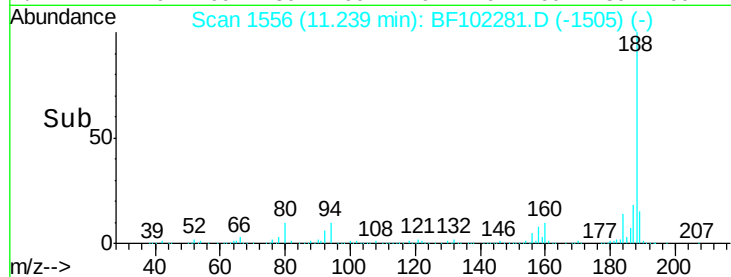
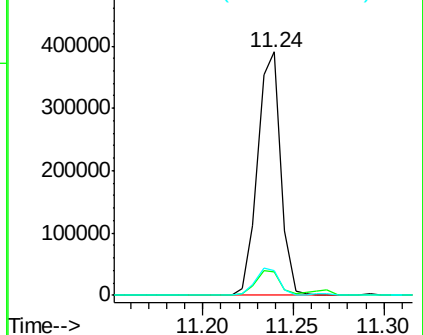
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

Instrument :
BNA_F
ClientSampled :
OWS-4

Tot Ion	188	Resp	345638
Ion Ratio	100	Lower	Upper
94	9.8	8.5	12.7
80	10.0	9.2	13.8

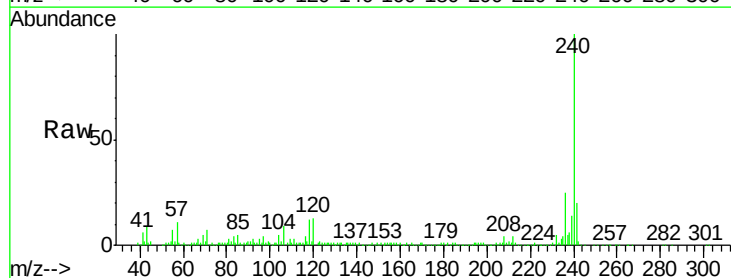


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

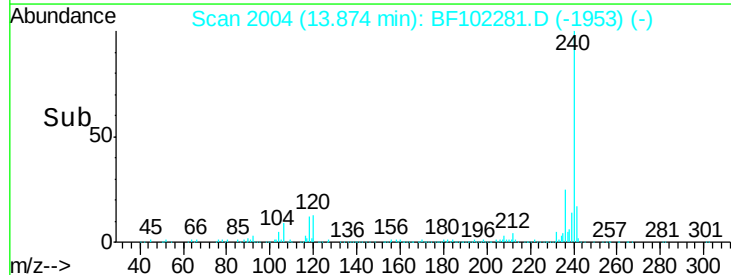
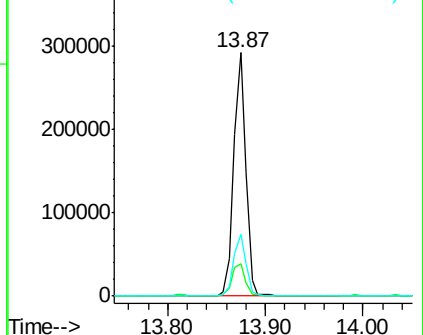


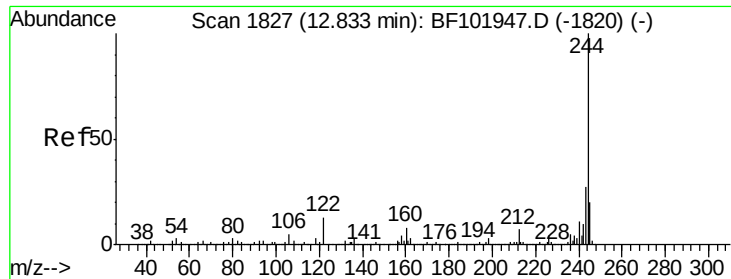
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

Tgt Ion	240	Resp	254560
Ion Ratio	100	Lower	Upper
120	13.4	9.5	14.3
236	25.3	20.7	31.1



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





#78

Terphenyl-d14

Concen: 63.05 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

Instrument :

BNA_F

ClientSampleId :

OWS-4

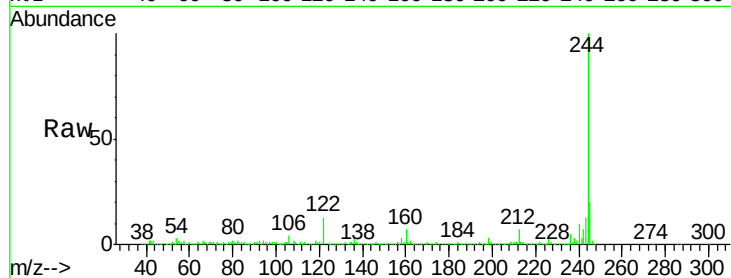
Tot Ion:244 Resp: 773047

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

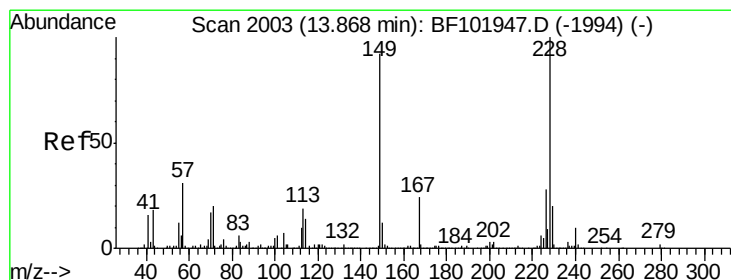
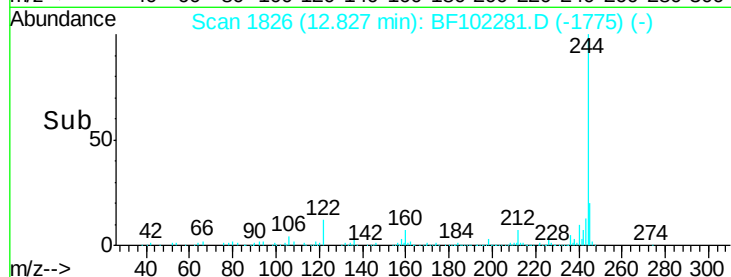
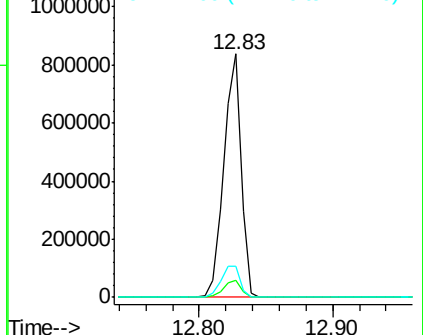
122 12.7 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.85 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102281.D

Acq: 21 Jan 2018 00:23

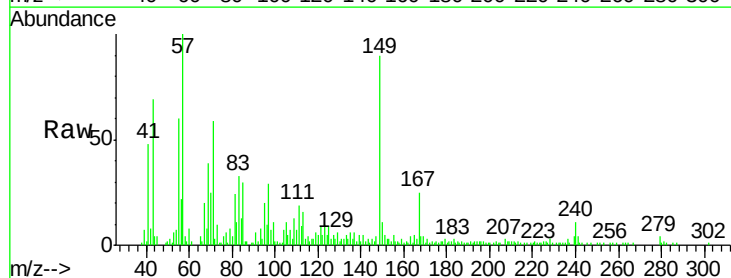
Tgt Ion:149 Resp: 33722

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

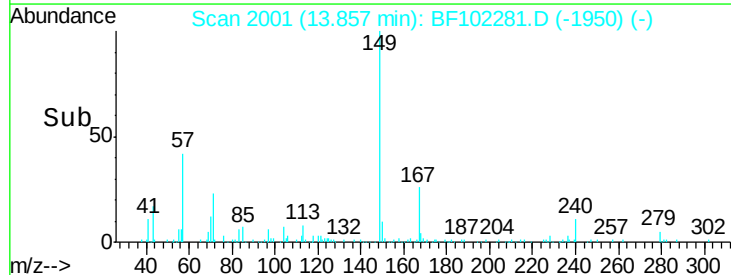
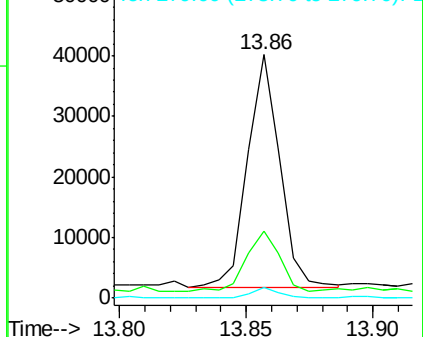
279 4.5 3.0 4.4#

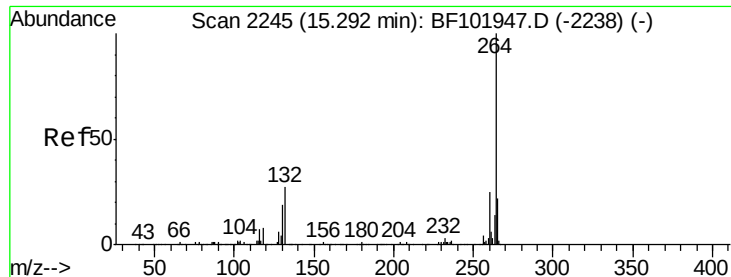


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

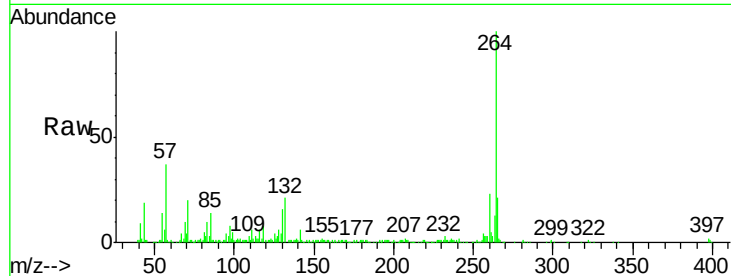




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102281.D
Acq: 21 Jan 2018 00:23

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tot Ion	Ion	Ratio	Lower	Upper
203413	264	100		
	260	22.7	19.2	28.8
	265	20.7	17.5	26.3



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

