

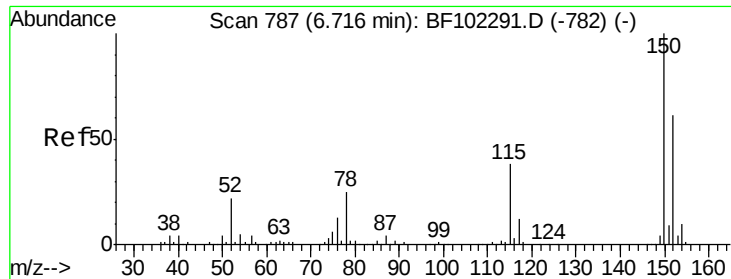
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102693.D
 Acq On : 1 Feb 2018 18:27
 Operator : SJ/JU
 Sample : J1378-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72

Quant Time: Feb 02 01:16:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150690	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	700787	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	295948	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	498467	20.00	ng	0.00
75) Chrysene-d12	13.86	240	336381	20.00	ng	0.00
86) Perylene-d12	15.29	264	265714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1188658	119.60	ng	0.03
7) Phenol-d6	6.37	99	1410873	117.75	ng	0.02
23) Nitrobenzene-d5	7.27	82	1031896	84.62	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	319985	109.12	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1798536	89.36	ng	0.00
78) Terphenyl-d14	12.81	244	1499512	100.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	24709	2.966	ng	90
32) Benzoic acid	7.83	122	62982	7.882	ng	93

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

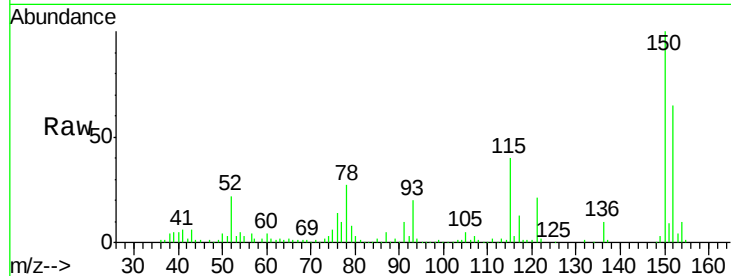


#1

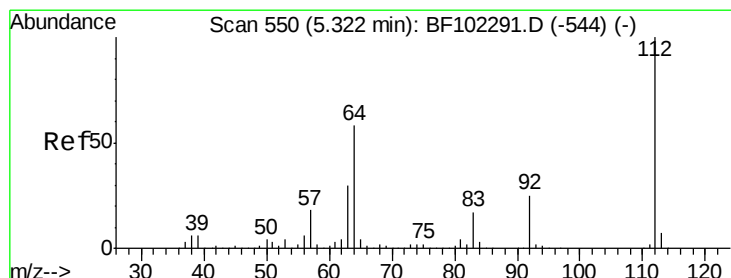
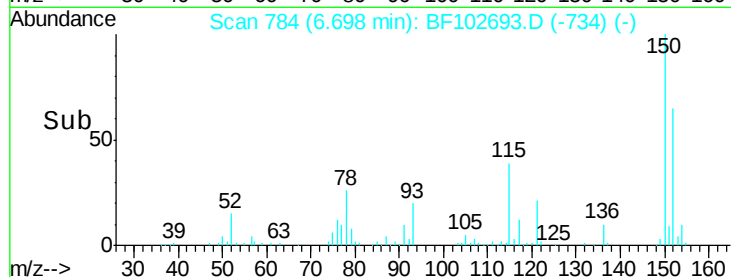
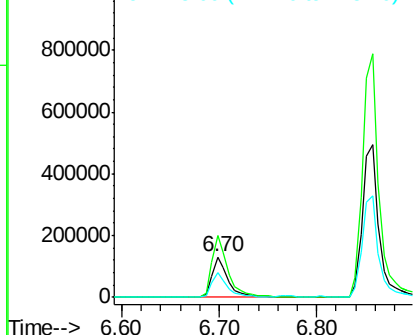
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102693.D
Acq: 1 Feb 2018 18:27

Instrument :
BNA_F
ClientSampleId :
RO-72

Tot Ion:152 Resp: 150690
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 61.1 50.1 75.1



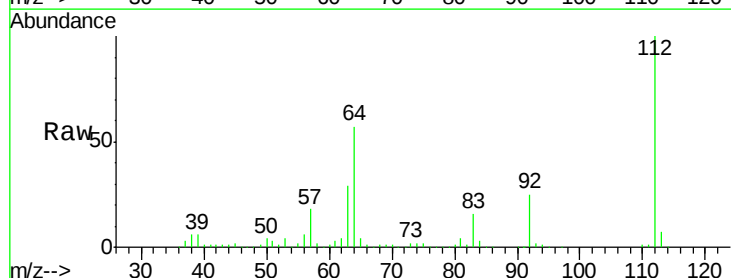
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



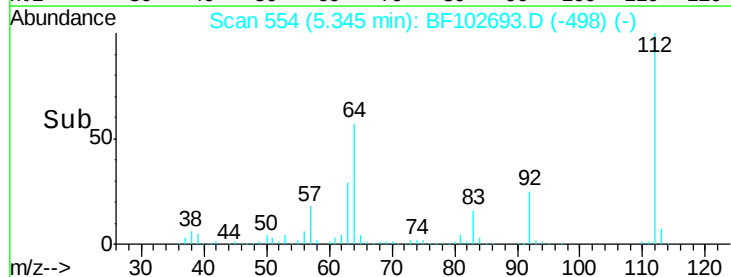
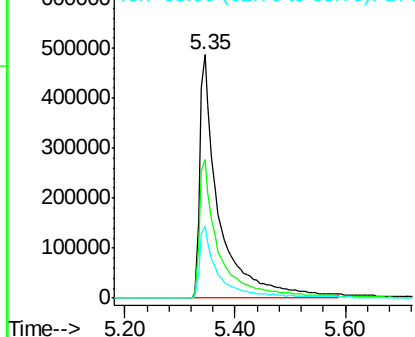
#5

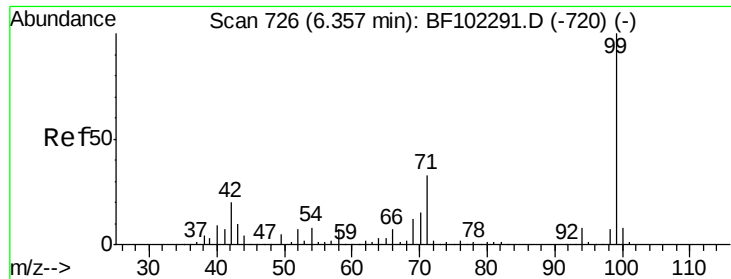
2-Fluorophenol
Concen: 119.604 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.03 min
Lab File: BF102693.D
Acq: 1 Feb 2018 18:27

Tgt Ion:112 Resp: 1188658
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 29.5 23.7 35.5



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: 117.754 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102693.D

Acq: 1 Feb 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RO-72

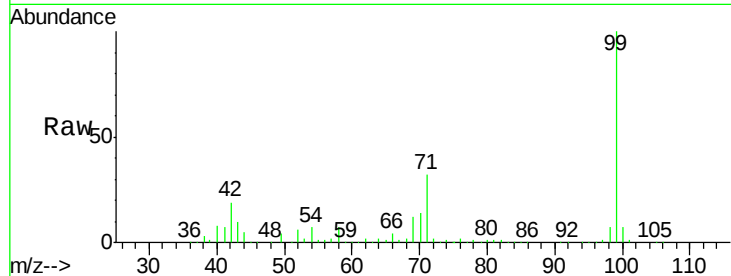
Tot Ion: 99 Resp: 1410873

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

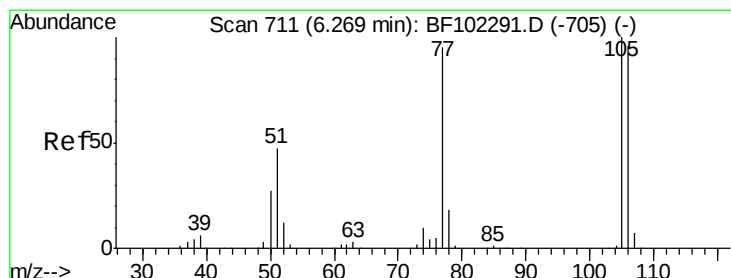
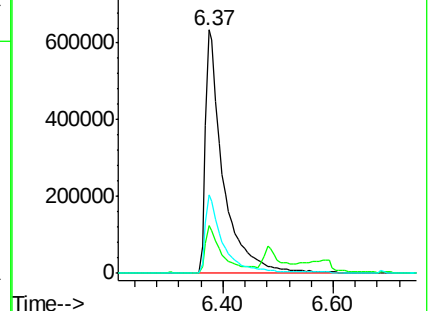
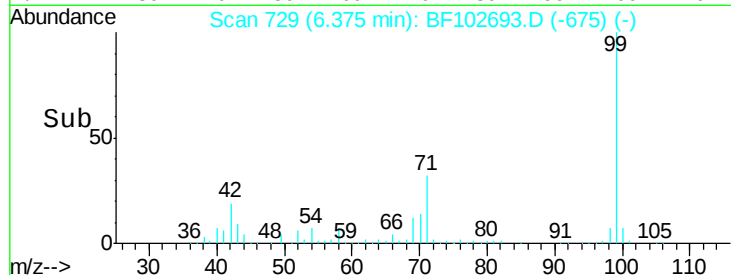
71 32.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.966 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.02 min

Lab File: BF102693.D

Acq: 1 Feb 2018 18:27

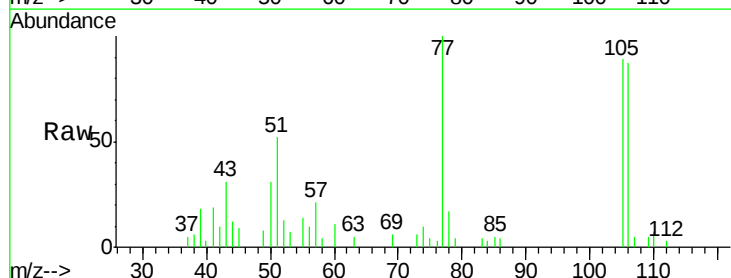
Tgt Ion: 77 Resp: 24709

Ion Ratio Lower Upper

77 100

105 89.4 81.1 121.1

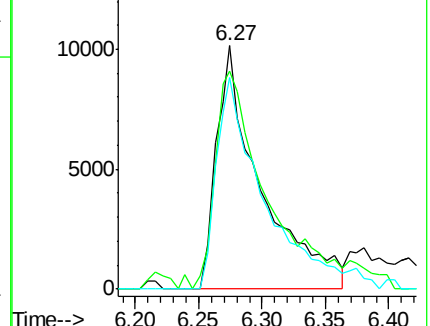
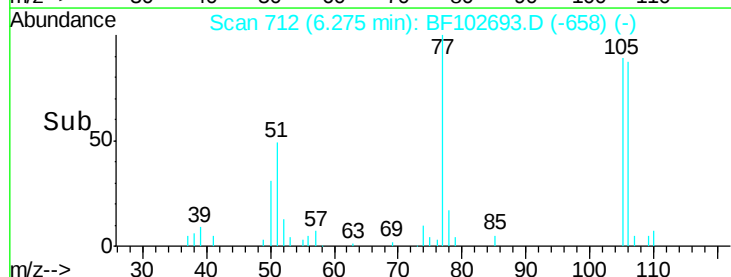
106 86.7 74.5 114.5

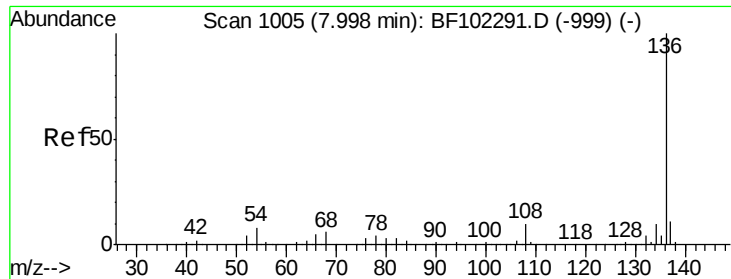


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

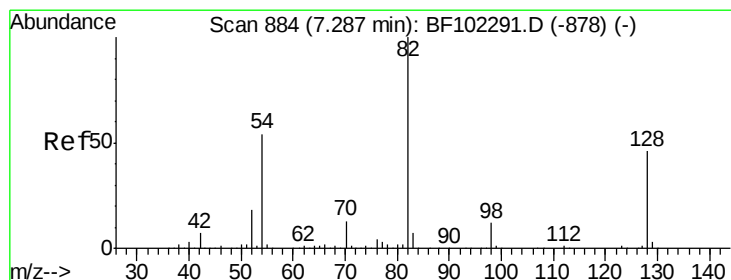
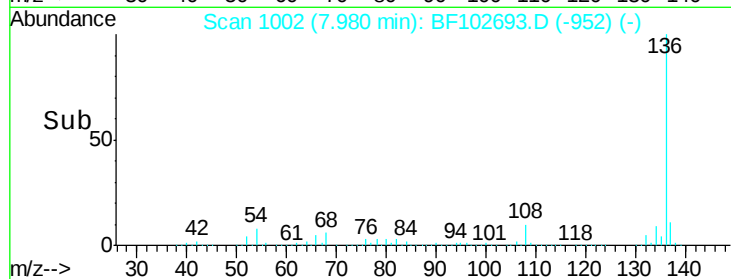
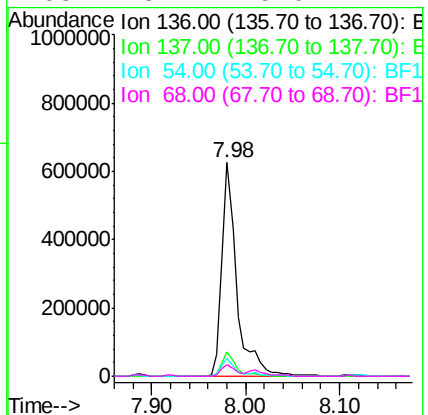
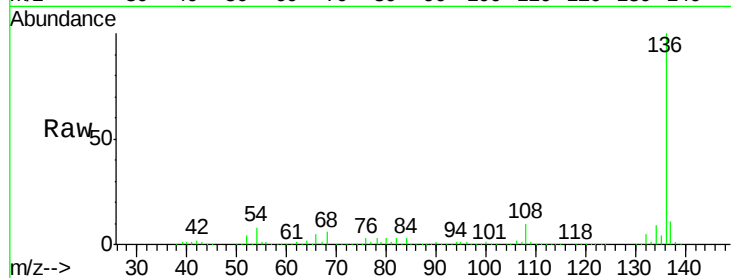




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF102693.D
Acq: 1 Feb 2018 18:27

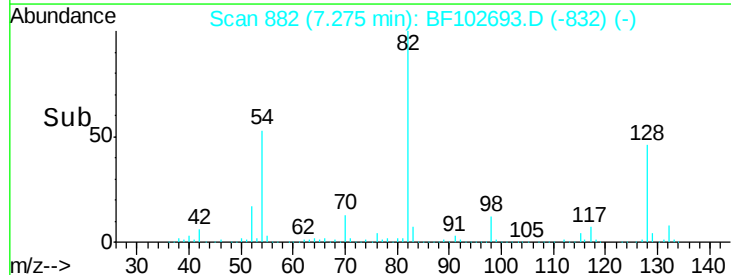
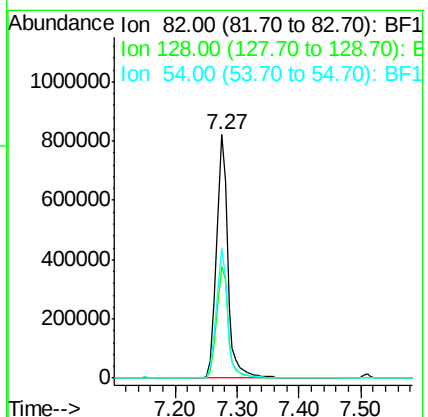
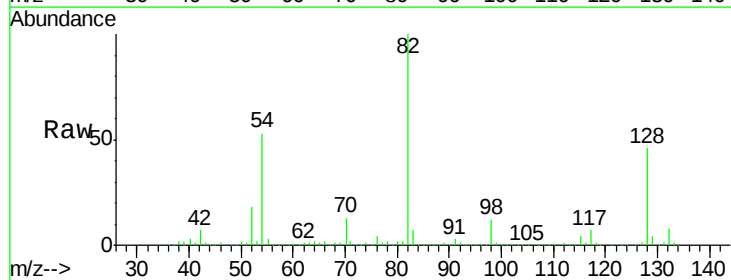
Instrument :
BNA_F
ClientSampled :
RO-72

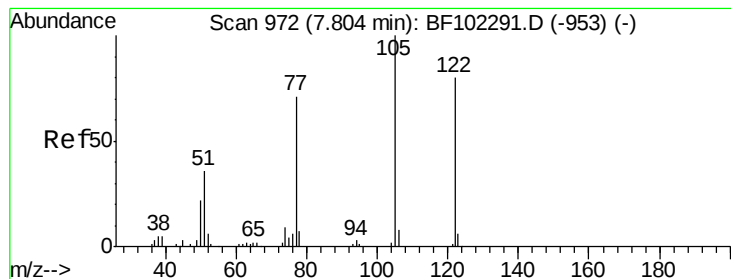
Tot Ion:136	Resp:	700787
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 8.1	6.6	9.8
68 5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.619 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102693.D
Acq: 1 Feb 2018 18:27

Tgt Ion: 82	Resp: 1031896
Ion Ratio	Lower Upper
82 100	
128 46.1	36.1 54.1
54 53.5	41.4 62.2





#32

Benzoic acid

Concen: 7.882 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.02 min

Lab File: BF102693.D

Acq: 1 Feb 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RO-72

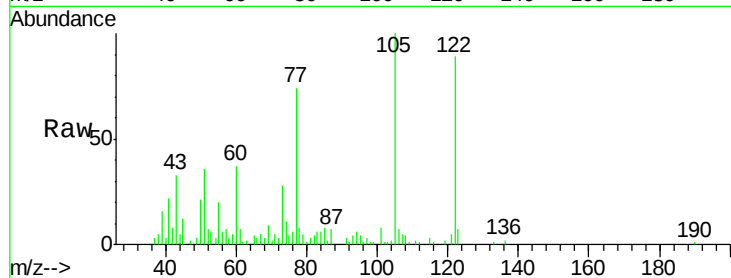
Tot Ion:122 Resp: 62982

Ion Ratio Lower Upper

122 100

105 112.7 101.1 141.1

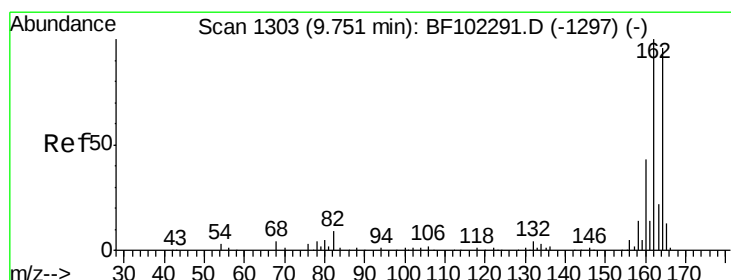
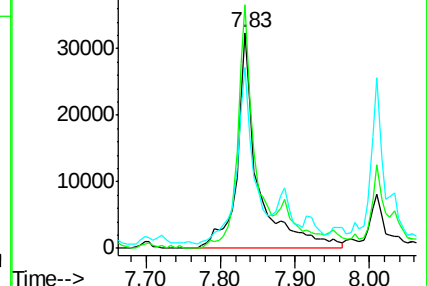
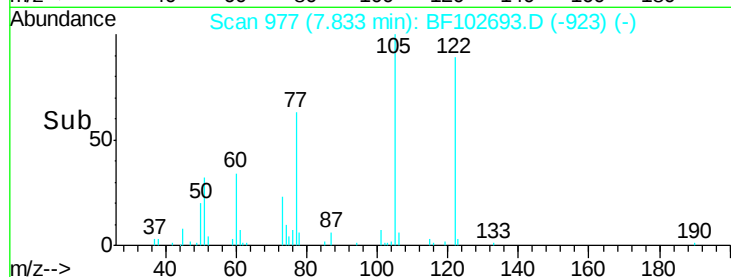
77 83.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF102693.D

Acq: 1 Feb 2018 18:27

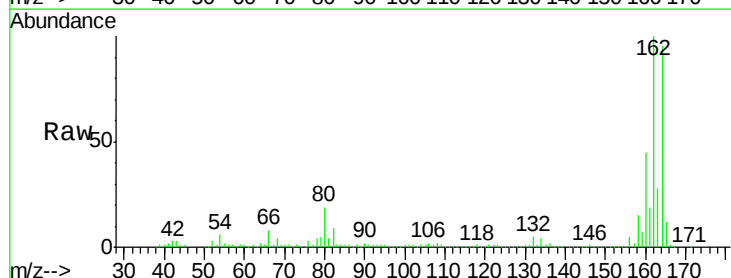
Tgt Ion:164 Resp: 295948

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

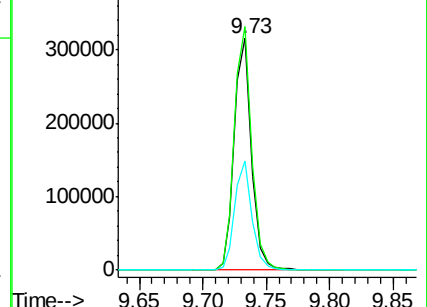
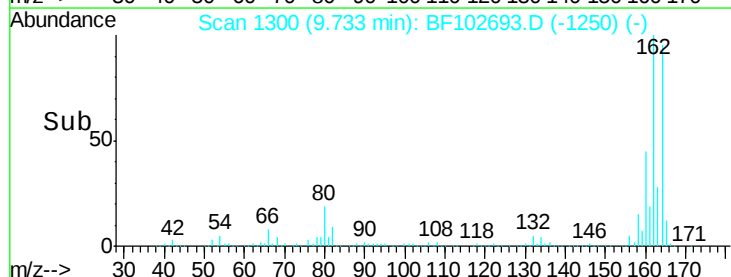
160 46.8 38.3 57.5

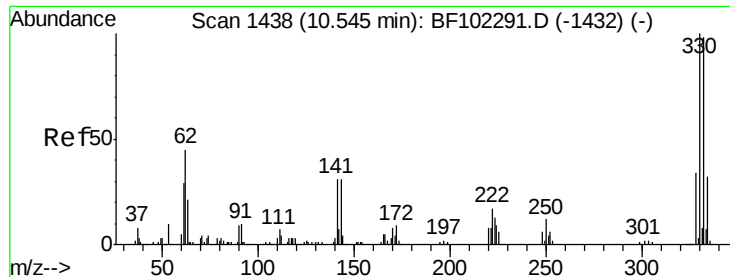


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

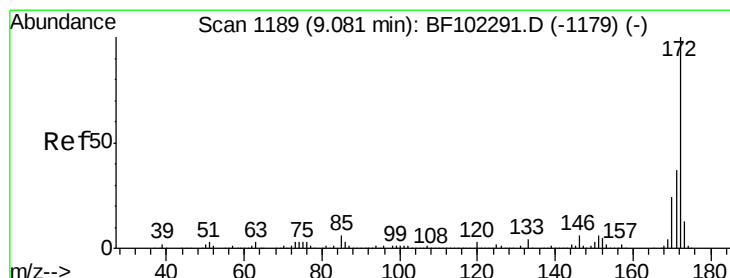
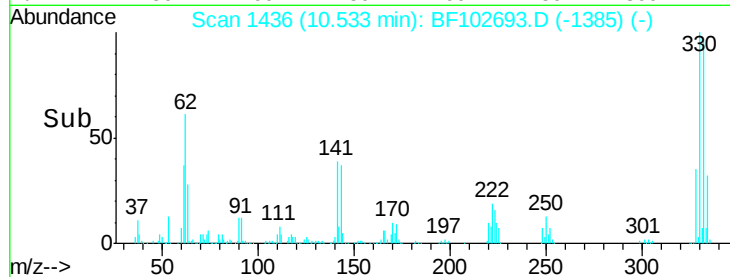
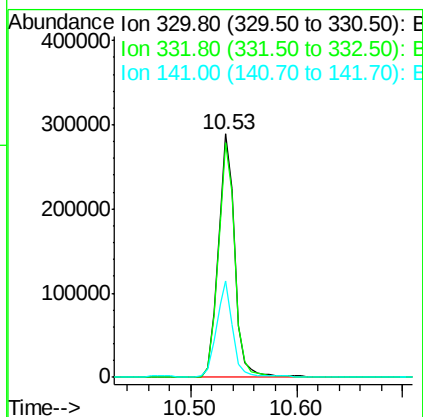
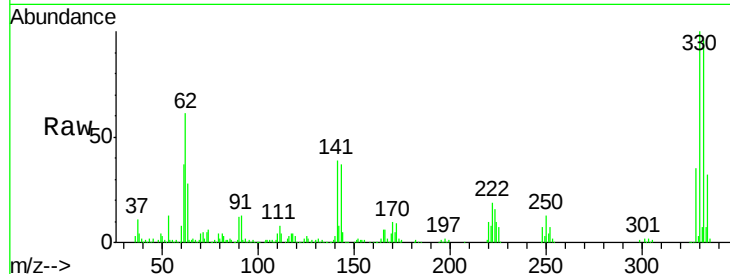




#41
 2,4,6-Tribromophenol
 Concen: 109.120 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102693.D
 Acq: 1 Feb 2018 18:27

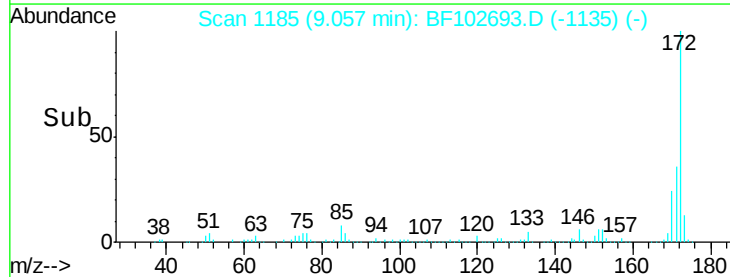
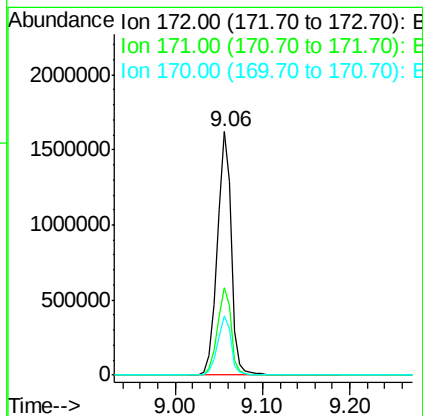
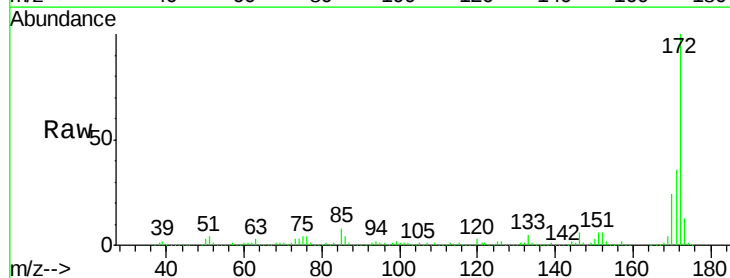
Instrument :
 BNA_F
 ClientSampleId :
 RO-72

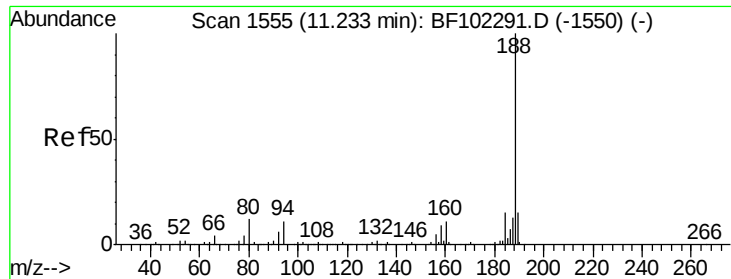
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.356 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102693.D
 Acq: 1 Feb 2018 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

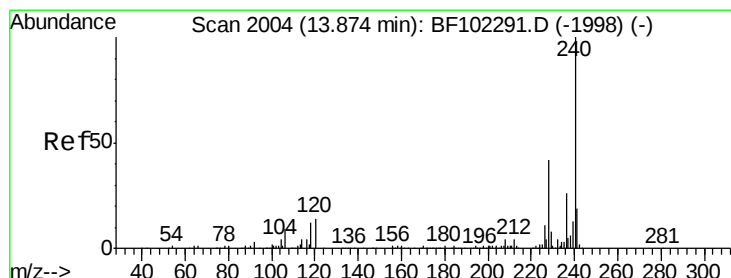
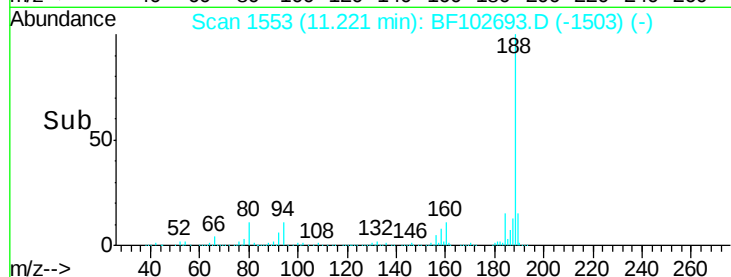
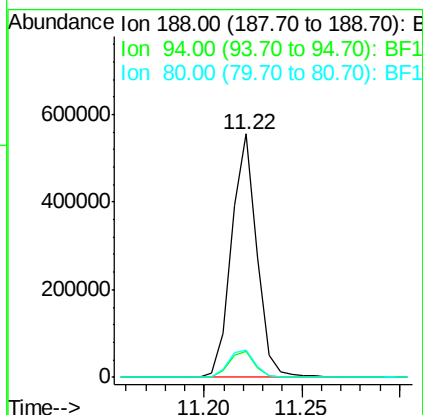
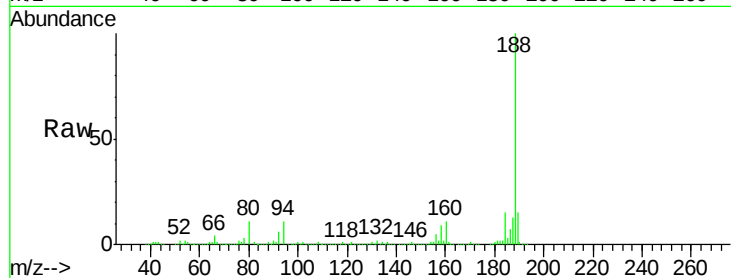




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102693.D
Acq: 1 Feb 2018 18:27

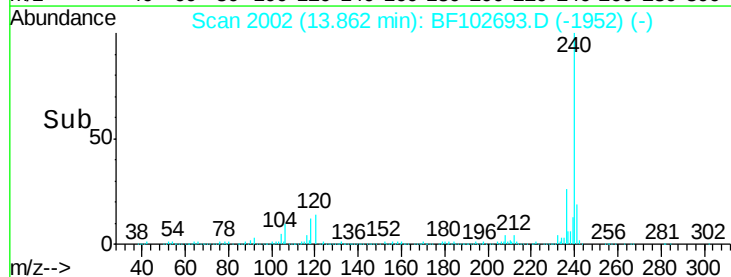
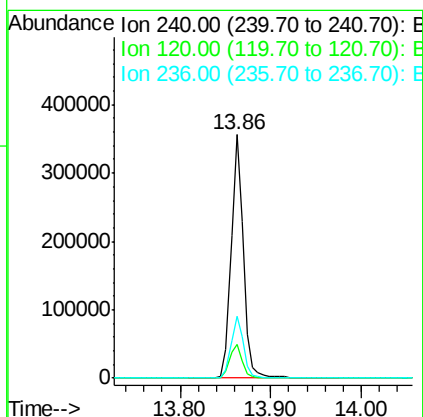
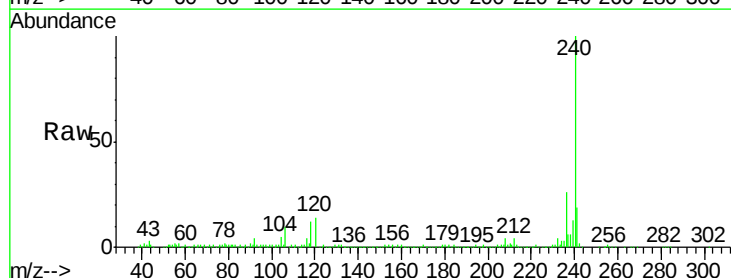
Instrument :
BNA_F
ClientSampleId :
RO-72

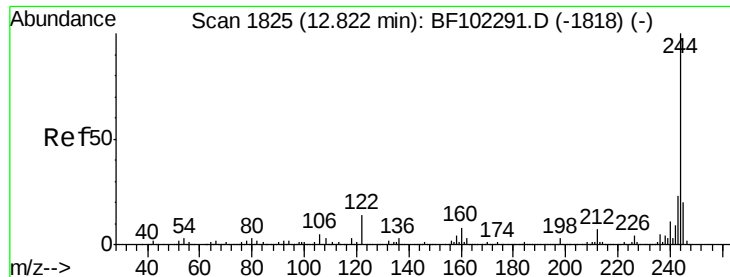
Tot Ion:188 Resp: 498467
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102693.D
Acq: 1 Feb 2018 18:27

Tgt Ion:240 Resp: 336381
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 100.494 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF102693.D

Acq: 1 Feb 2018 18:27

Instrument :

BNA_F

ClientSampleId :

RO-72

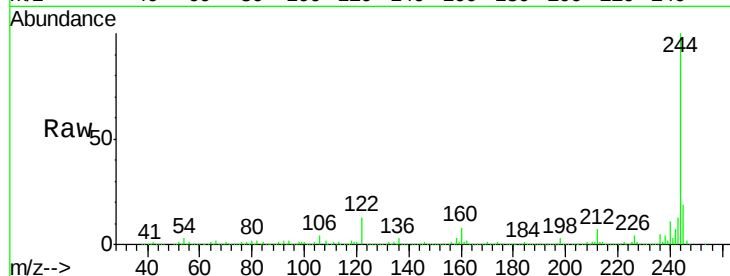
Tot Ion:244 Resp: 1499512

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

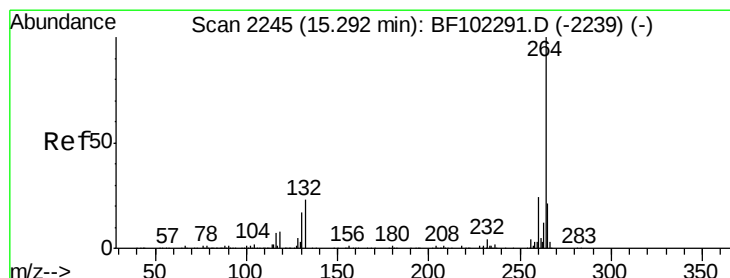
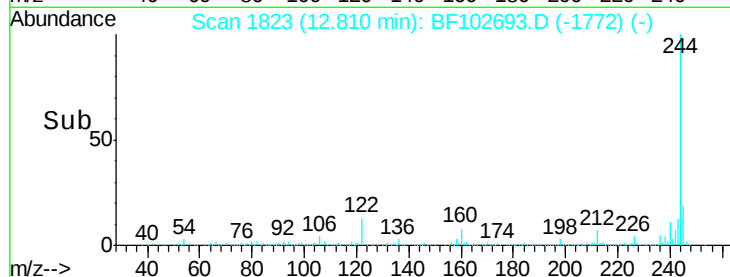
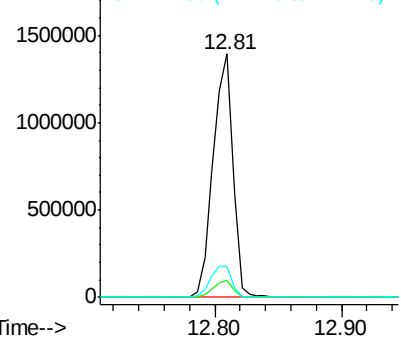
122 12.7 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF102693.D

Acq: 1 Feb 2018 18:27

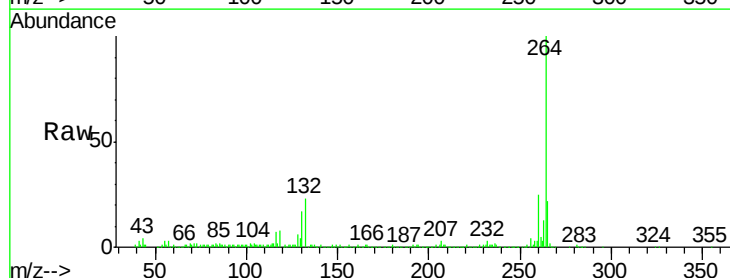
Tgt Ion:264 Resp: 265714

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.7 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

