

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104944.D
 Acq On : 30 Apr 2018 20:21
 Operator : JU/SJ
 Sample : J2597-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133

Quant Time: May 01 06:52:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

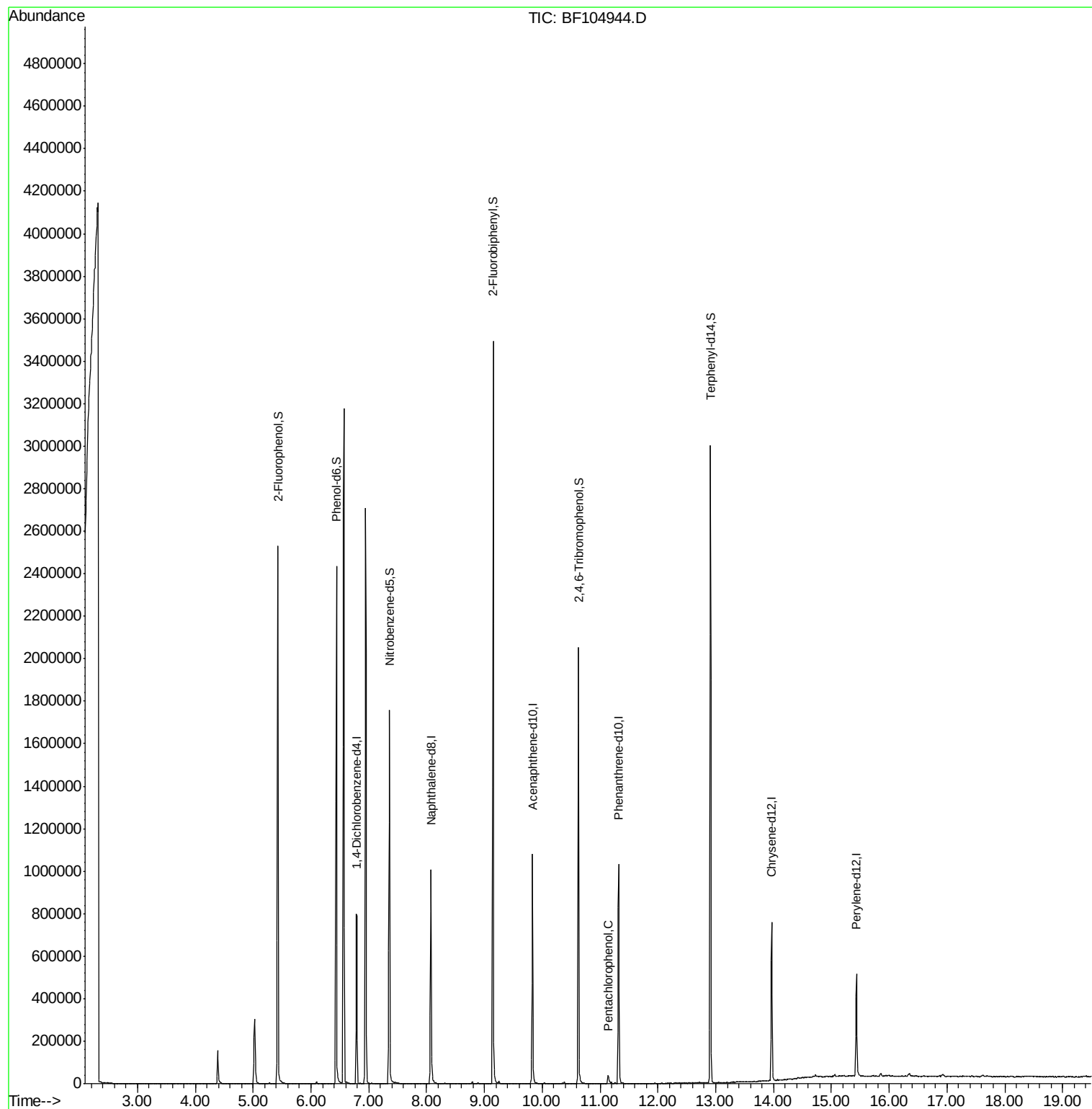
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128913	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	532973	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	237034	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	396779	20.00	ng	0.00
75) Chrysene-d12	13.97	240	267484	20.00	ng	0.00
86) Perylene-d12	15.43	264	231171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	889128	105.46	ng	0.02
7) Phenol-d6	6.44	99	990555	95.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	733214	89.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	285213	116.00	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1309530	87.28	ng	0.00
78) Terphenyl-d14	12.91	244	1087583	92.70	ng	0.00
Target Compounds						Qvalue
69) Pentachlorophenol	11.14	266	9928	3.379	ng	98

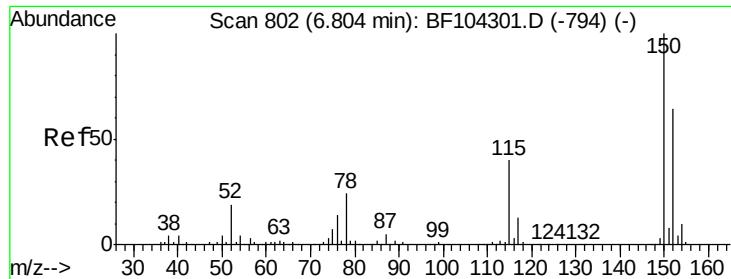
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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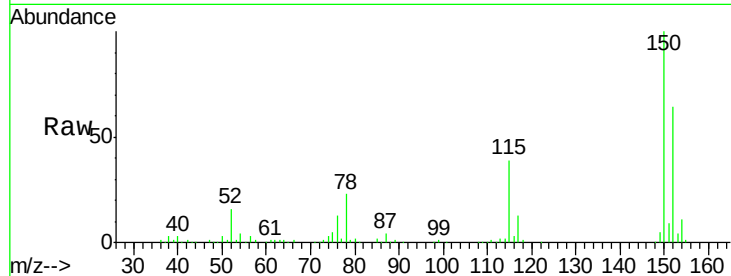


#1

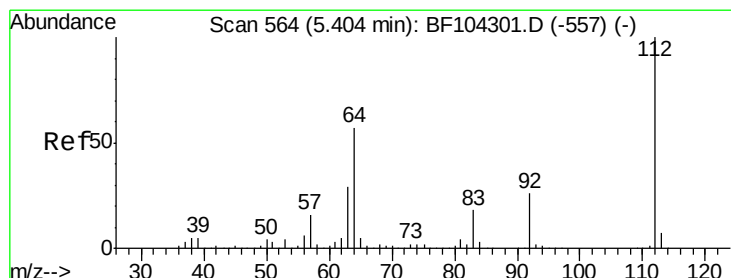
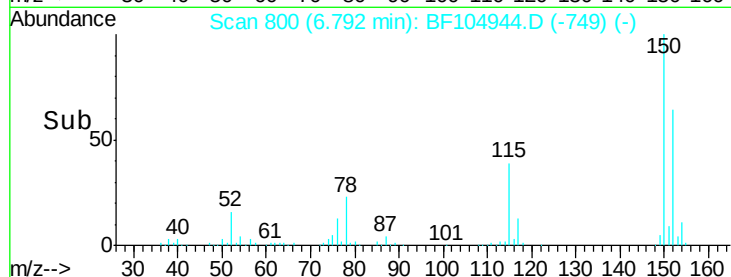
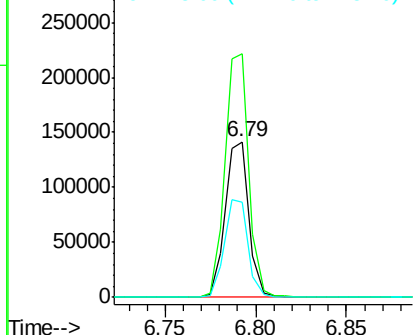
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF104944.D
Acq: 30 Apr 2018 20:21

Instrument :
BNA_F
ClientSampleId :
KS-RO-133

Tot Ion:152 Resp: 128913
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.0 50.1 75.1



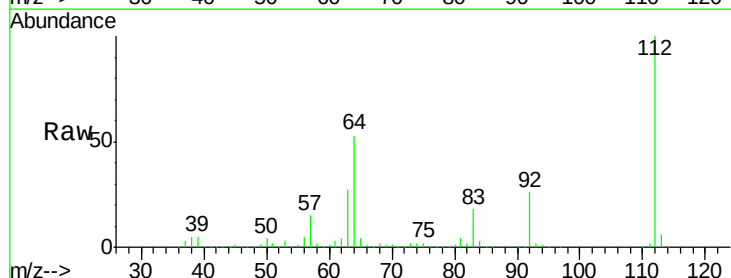
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



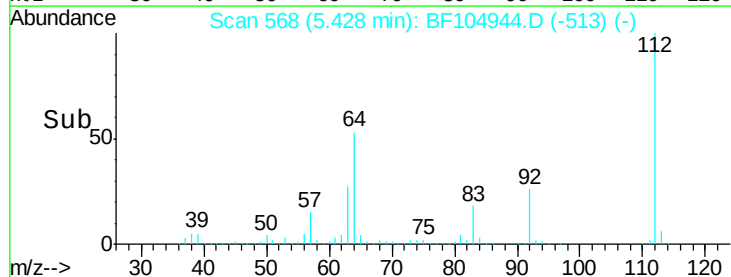
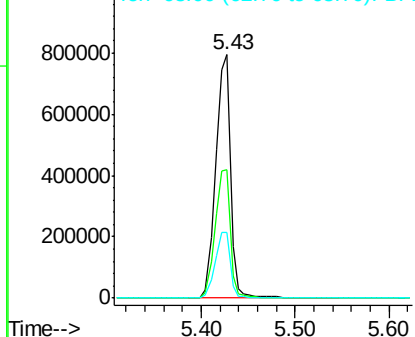
#5

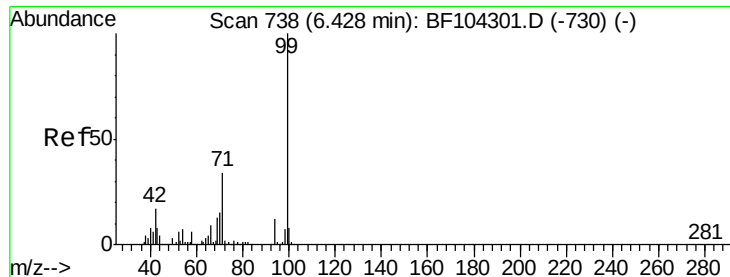
2-Fluorophenol
Concen: 105.461 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104944.D
Acq: 30 Apr 2018 20:21

Tgt Ion:112 Resp: 889128
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 26.9 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: 95.624 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104944.D

Acq: 30 Apr 2018 20:21

Instrument :

BNA_F

ClientSampleId :

KS-RO-133

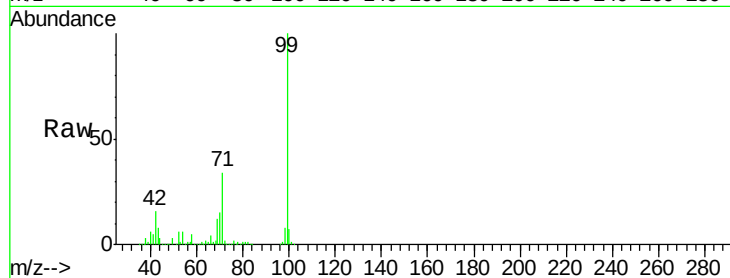
Tot Ion: 99 Resp: 990555

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

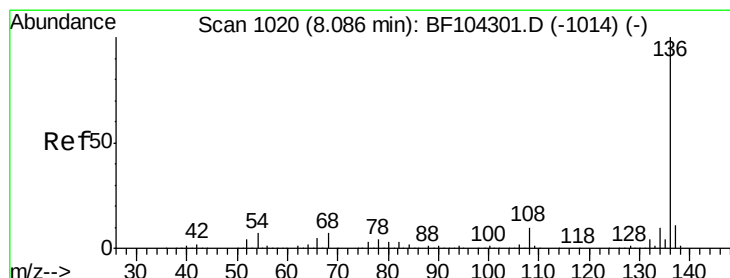
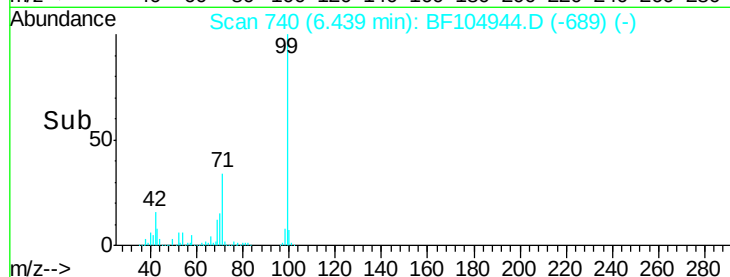
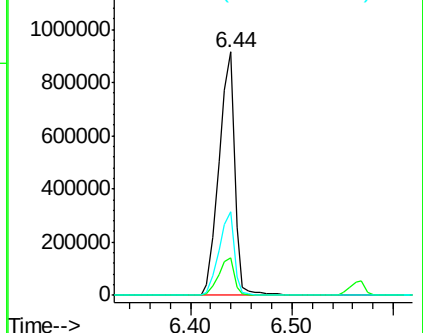
71 34.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104944.D

Acq: 30 Apr 2018 20:21

Tgt Ion: 136 Resp: 532973

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.1 6.6 9.8#

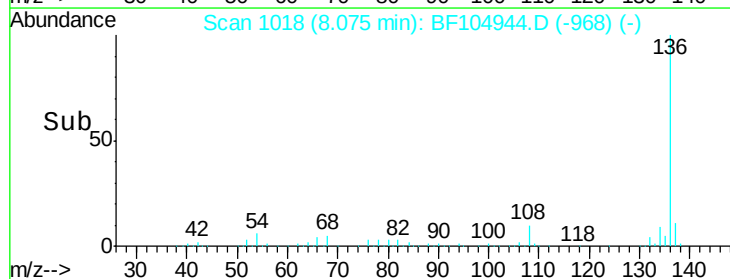
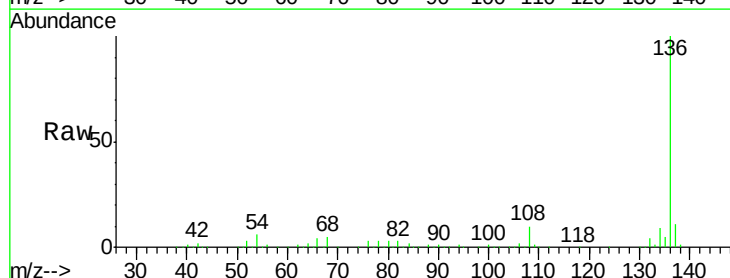
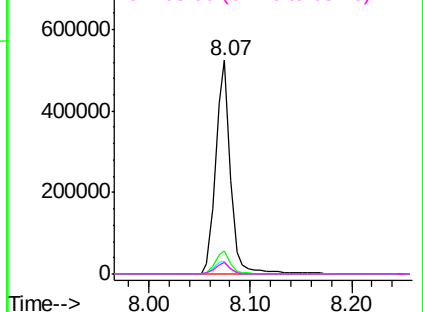
68 5.1 5.0 7.4

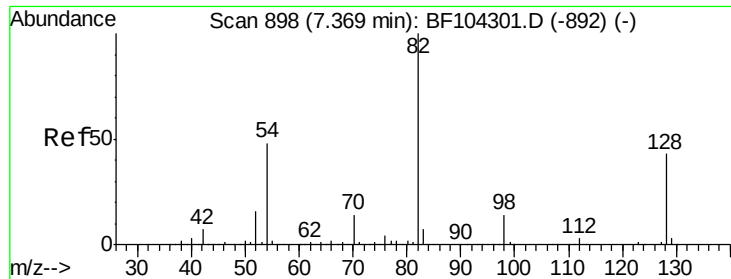
Abundance Ion 136.00 (135.70 to 136.70): E

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

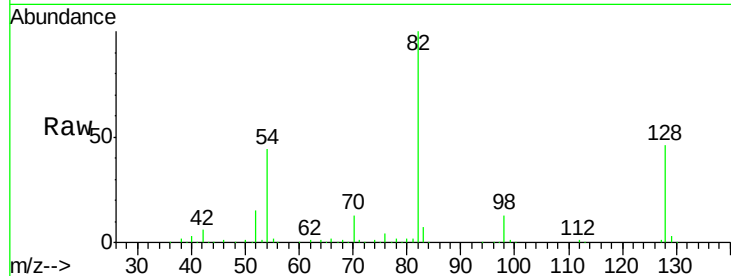




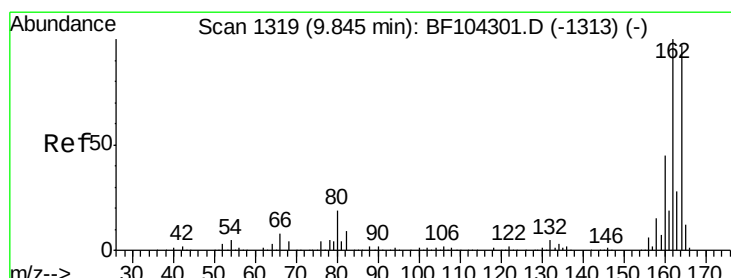
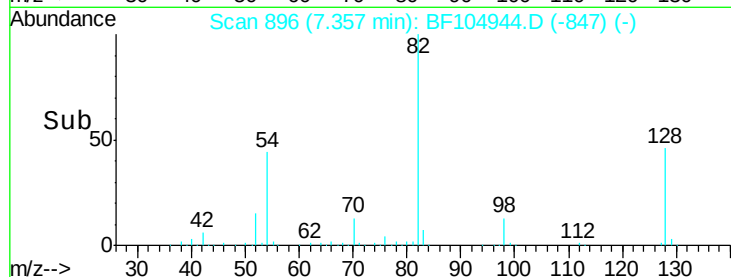
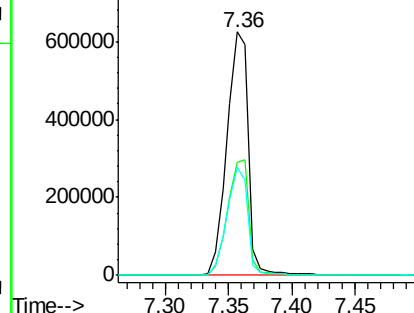
#23
Nitrobenzene-d5
Concen: 89.831 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104944.D
Acq: 30 Apr 2018 20:21

Instrument :
BNA_F
ClientSampleId :
KS-RO-133

Tot Ion	82	Resp	733214
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	44.4	41.4	62.2

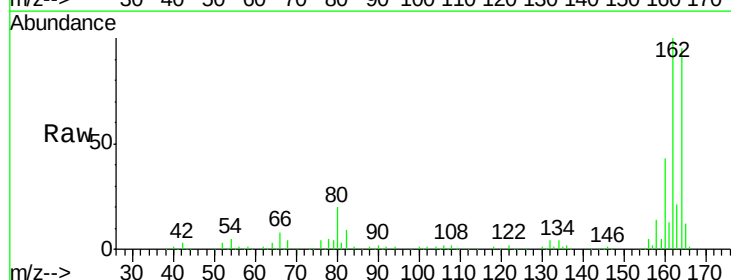


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

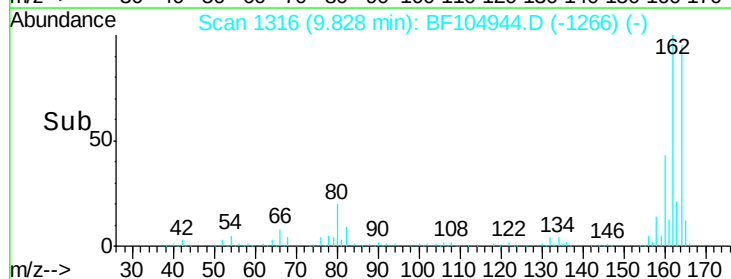
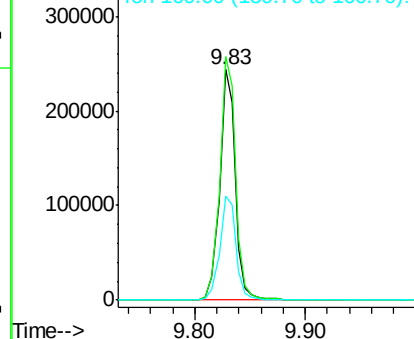


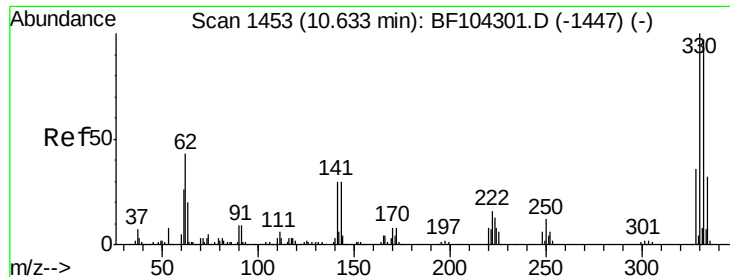
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104944.D
Acq: 30 Apr 2018 20:21

Tgt Ion	164	Resp	237034
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 115.996 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104944.D

Acq: 30 Apr 2018 20:21

Instrument :

BNA_F

ClientSampleId :

KS-RO-133

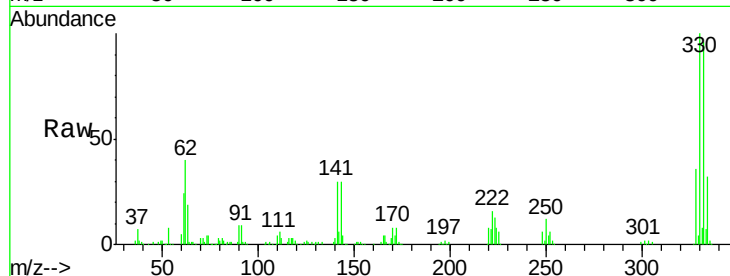
Tot Ion:330 Resp: 285213

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

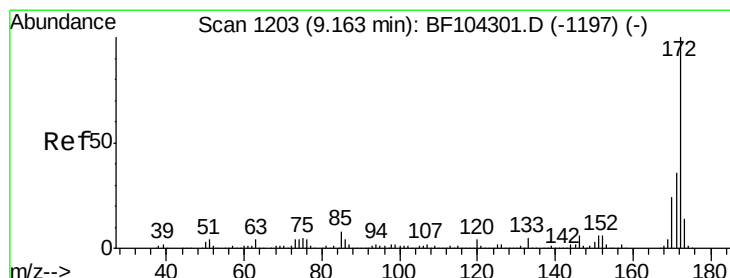
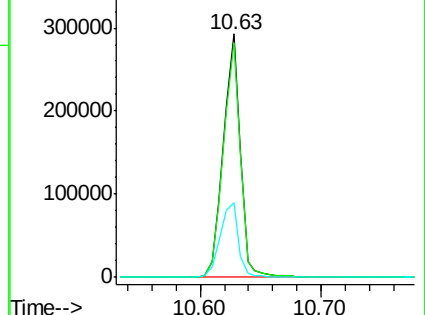
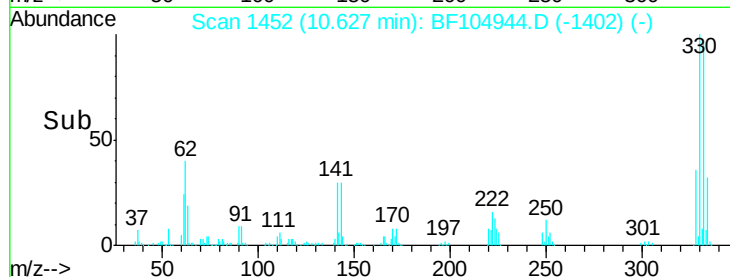
141 32.6 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 87.276 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF104944.D

Acq: 30 Apr 2018 20:21

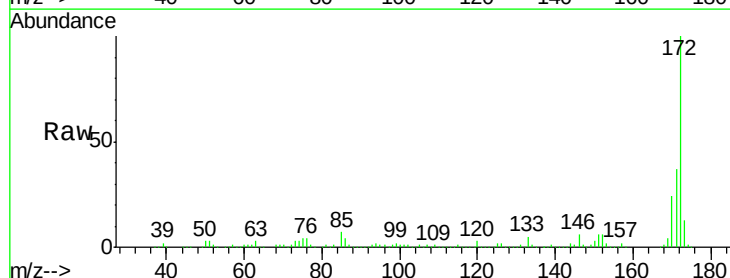
Tgt Ion:172 Resp: 1309530

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

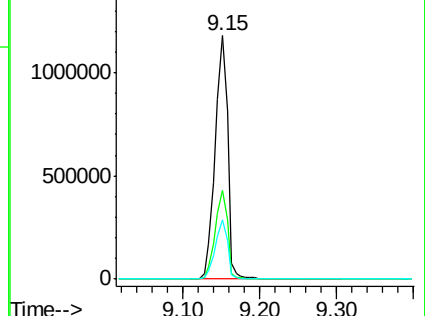
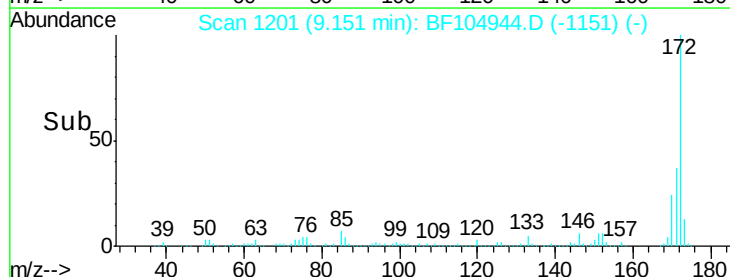
170 24.3 19.6 29.4

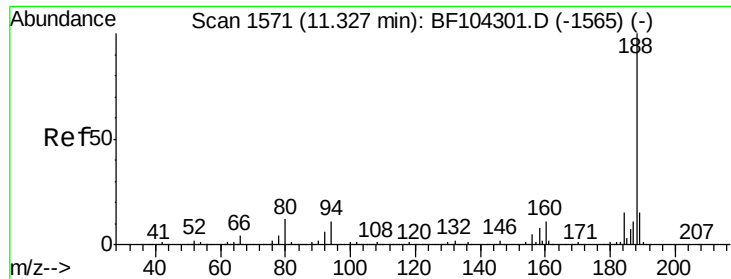


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

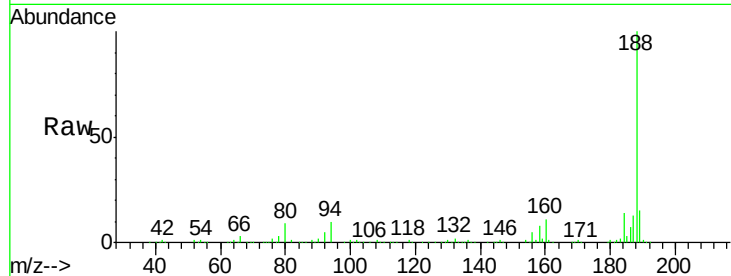




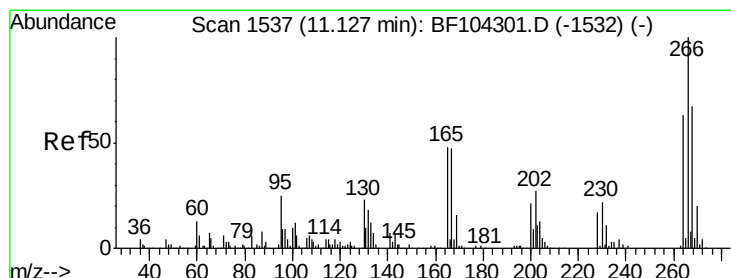
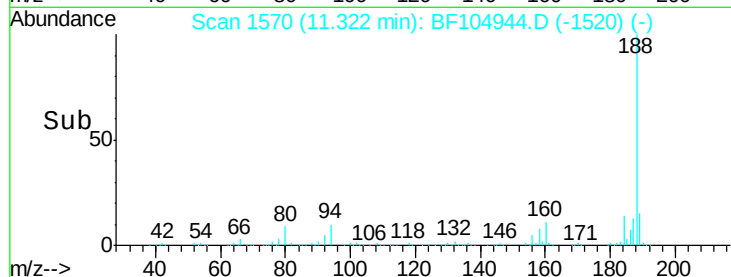
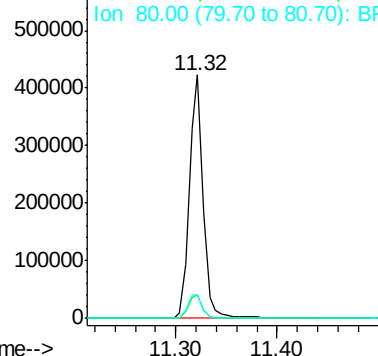
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104944.D
Acq: 30 Apr 2018 20:21

Instrument :
BNA_F
ClientSampleId :
KS-RO-133

Tot Ion:188 Resp: 396779
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.4 9.2 13.8

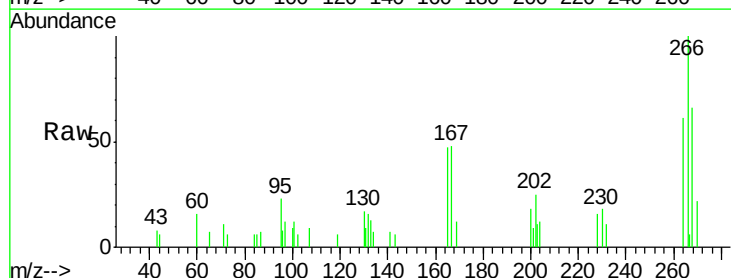


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

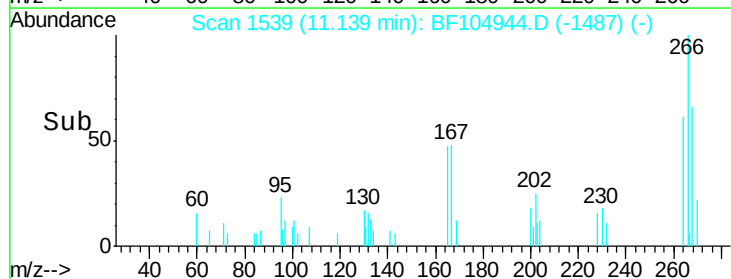
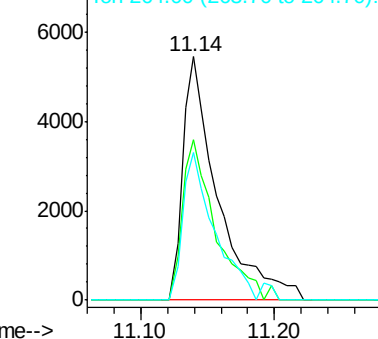


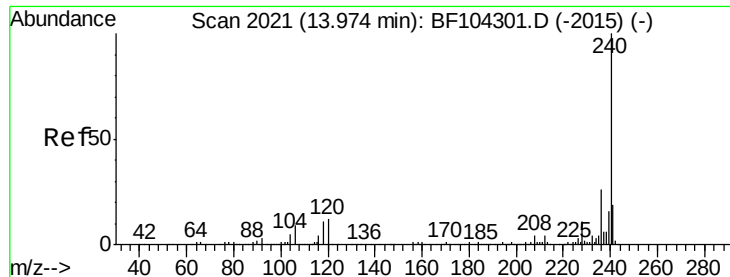
#69
Pentachlorophenol
Concen: 3.379 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF104944.D
Acq: 30 Apr 2018 20:21

Tgt Ion:266 Resp: 9928
Ion Ratio Lower Upper
266 100
268 66.1 51.1 76.7
264 60.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104944.D

Acq: 30 Apr 2018 20:21

Instrument :

BNA_F

ClientSampleId :

KS-RO-133

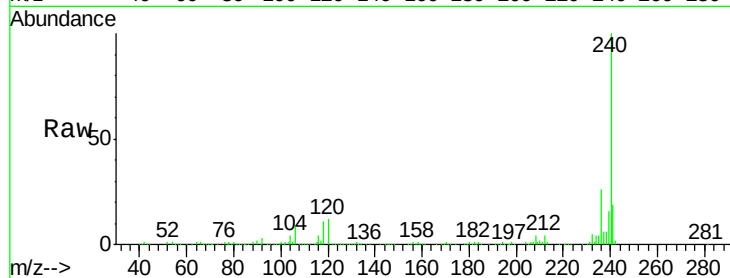
Tot Ion:240 Resp: 267484

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

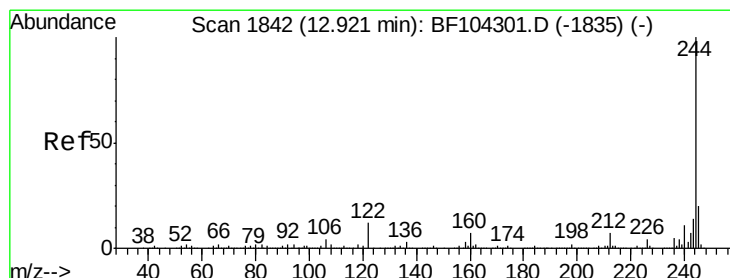
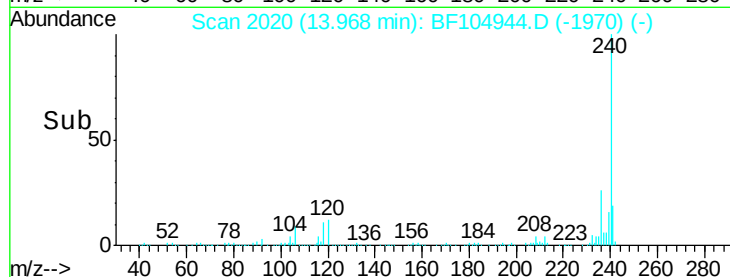
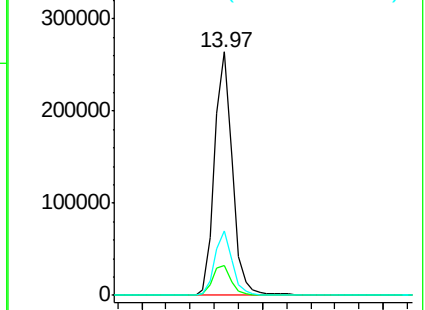
236 26.3 20.7 31.1



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: 92.697 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104944.D

Acq: 30 Apr 2018 20:21

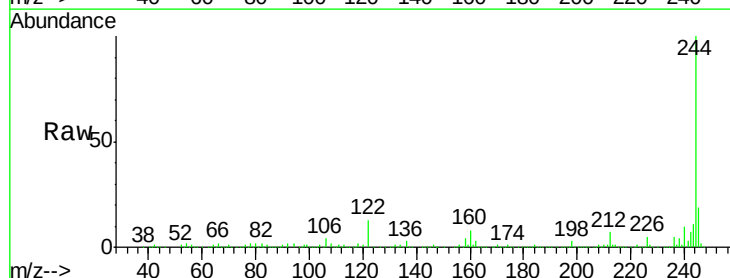
Tgt Ion:244 Resp: 1087583

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

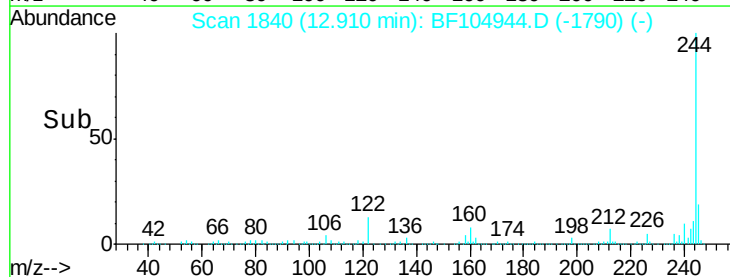
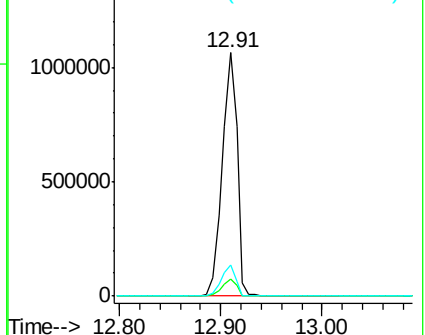
122 12.7 11.0 16.4

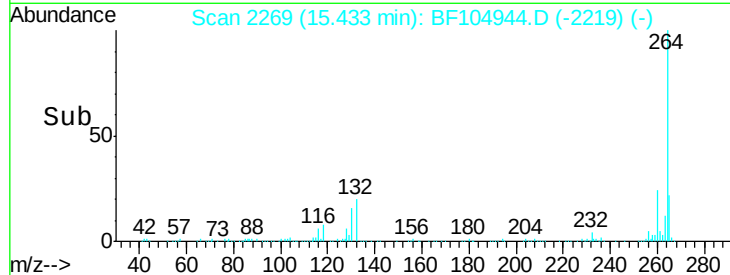
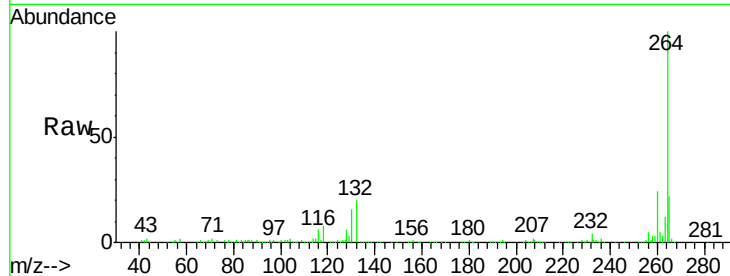
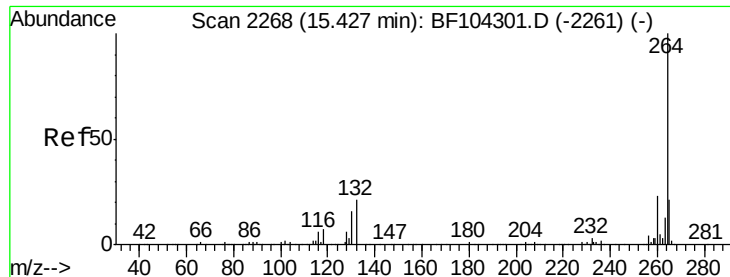


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104944.D
 Acq: 30 Apr 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133

Tot Ion:	264	Resp:	231171
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

