

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102114.D
 Acq On : 16 Jan 2018 17:28
 Operator : SJ/JU
 Sample : J1115-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-2.5-3.0

Quant Time: Jan 17 02:37:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

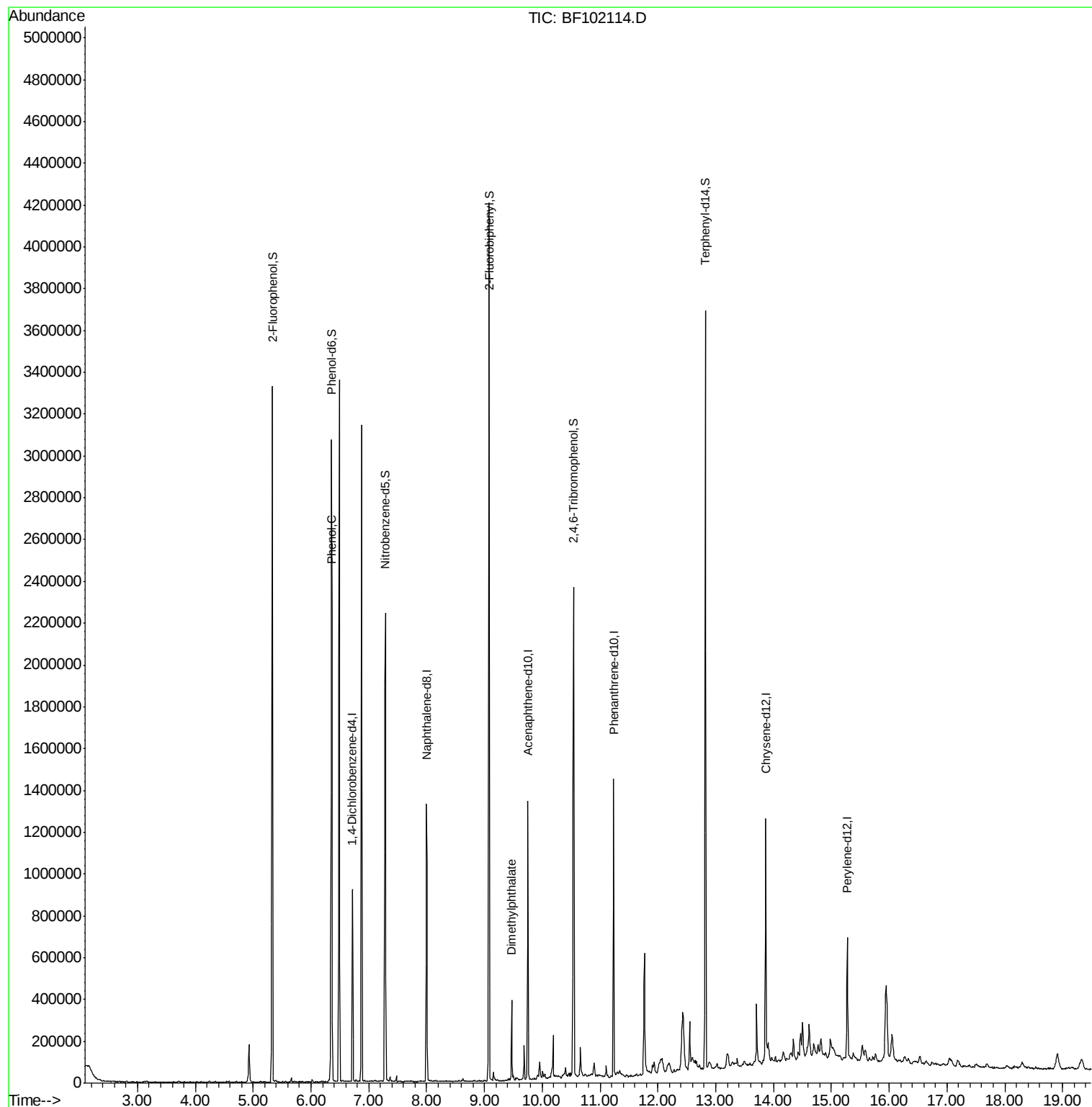
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137342	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	581089	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	260963	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	457572	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	352885	20.00	ng	-0.02
86) Perylene-d12	15.28	264	246645	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	992574	102.05	ng	0.00
7) Phenol-d6	6.36	99	1197124	103.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	756825	76.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	286776	125.92	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1304904	78.12	ng	-0.01
78) Terphenyl-d14	12.82	244	1199182	70.56	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	42850	3.267	ng	98
49) Dimethylphthalate	9.47	163	142083	6.787	ng	99

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

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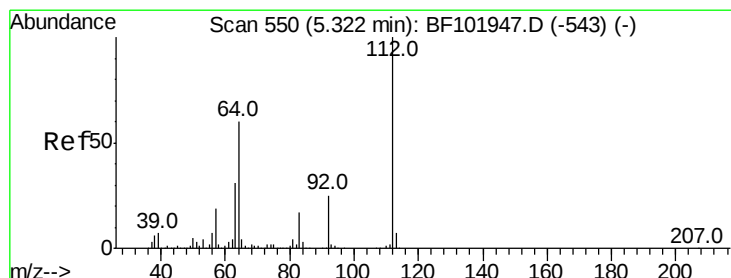
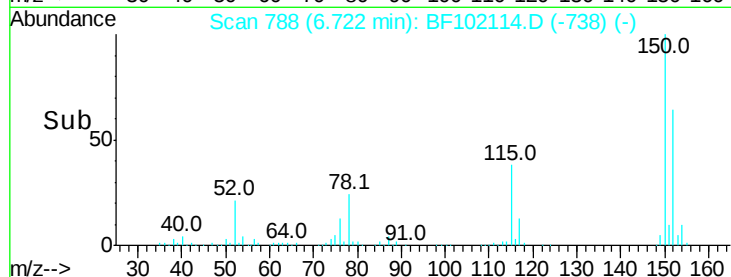
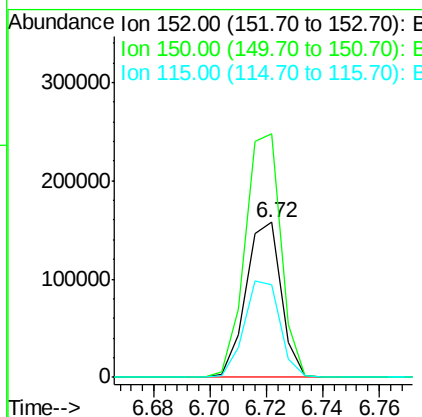
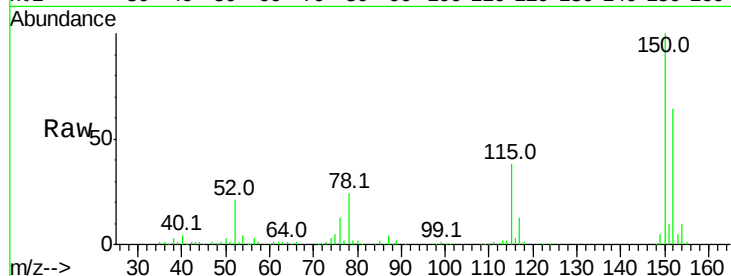


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :
SB-31-2.5-3.0

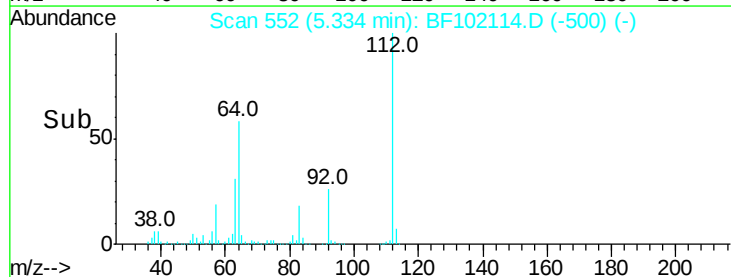
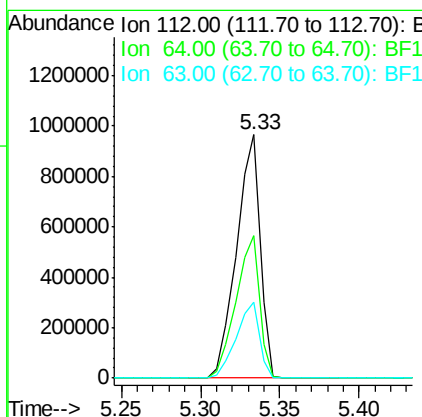
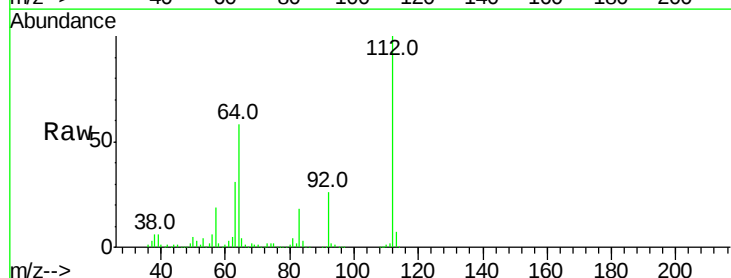
Tot Ion:152 Resp: 137342
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.8 50.1 75.1

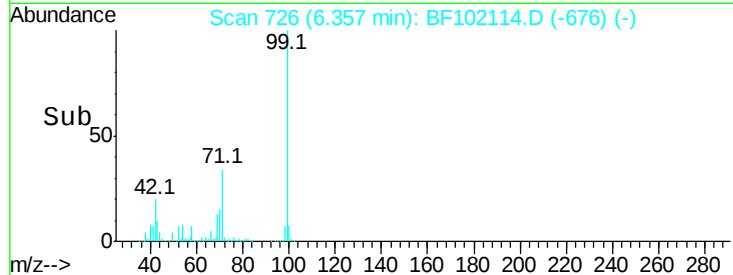
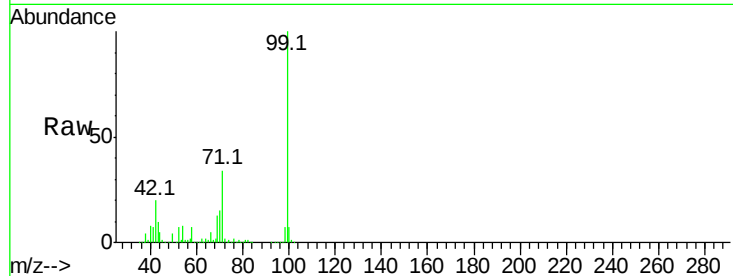


#5

2-Fluorophenol
Concen: 102.052 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:112 Resp: 992574
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 103.161 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

Instrument :

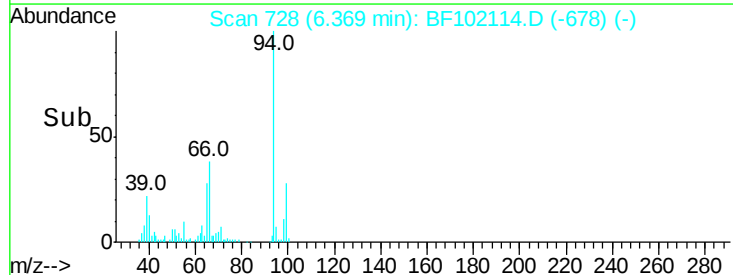
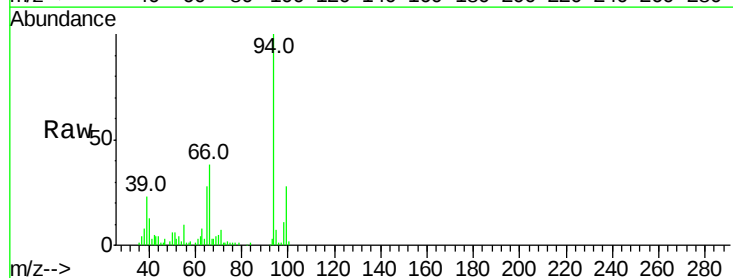
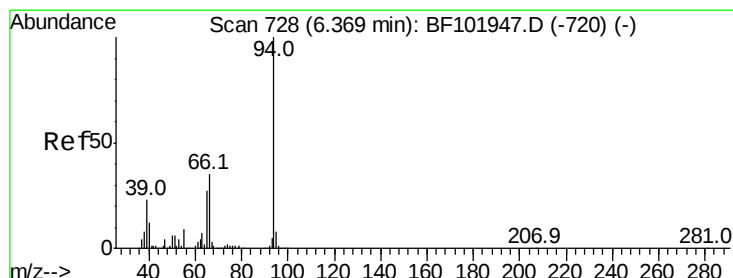
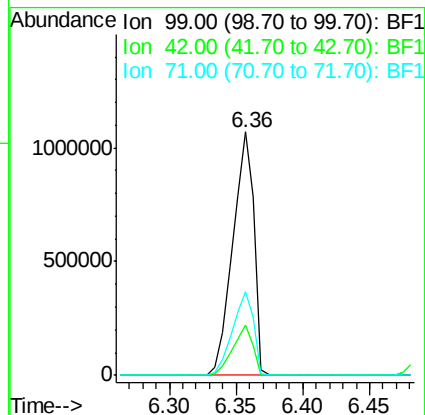
BNA_F

ClientSampleId :

SB-31-2.5-3.0

Tot Ion: 99 Resp: 1197124

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	34.4	25.4	38.0



#10

Phenol

Concen: 3.267 ng

RT: 6.37 min Scan# 728

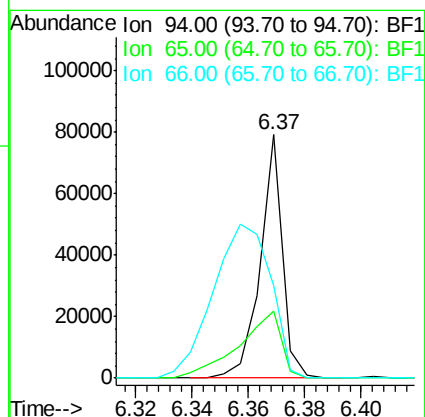
Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

Tgt Ion: 94 Resp: 42850

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	37.9	16.2	56.2

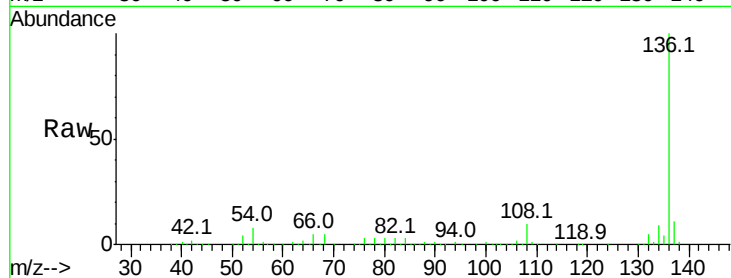




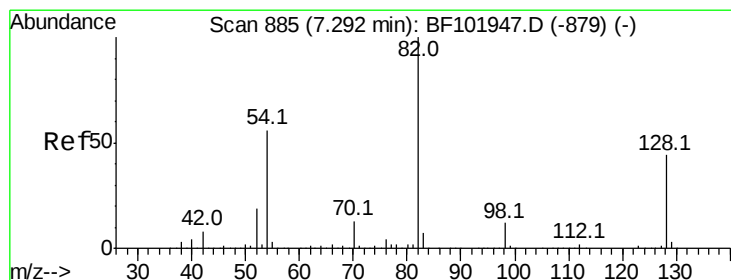
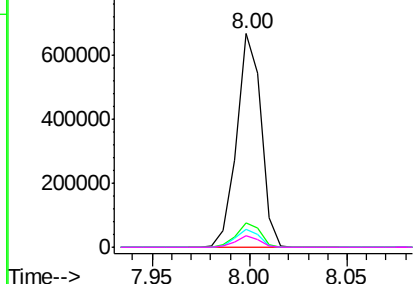
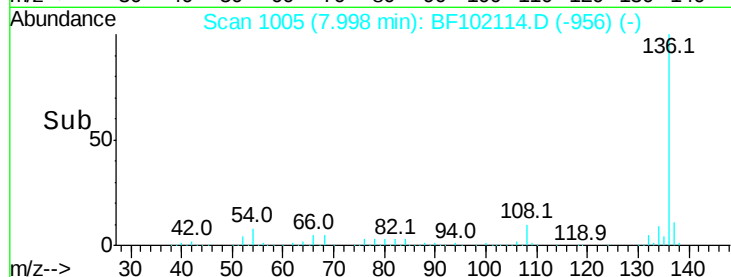
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :
SB-31-2.5-3.0

Tot Ion:	136	Resp:	581089
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	5.5	5.0	7.4

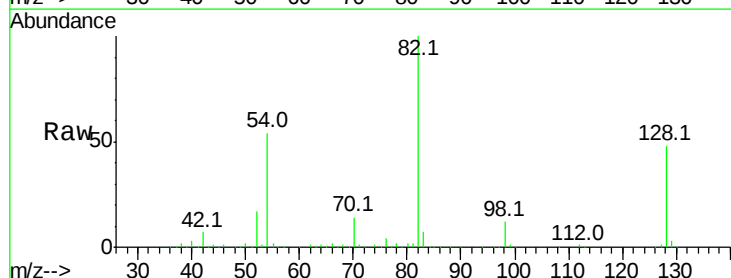


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

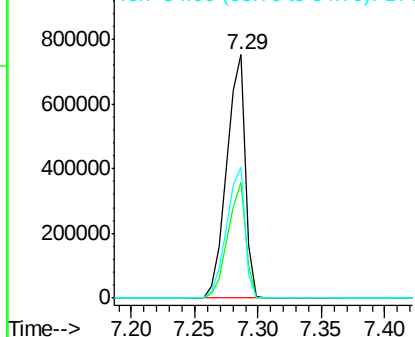
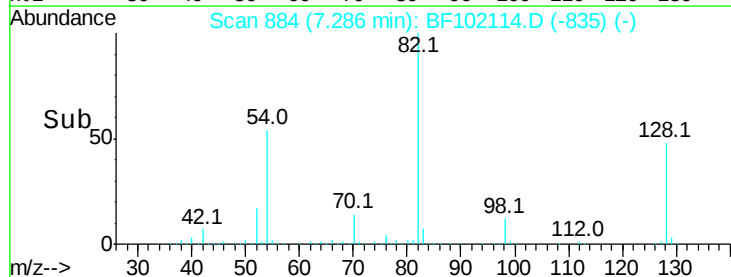


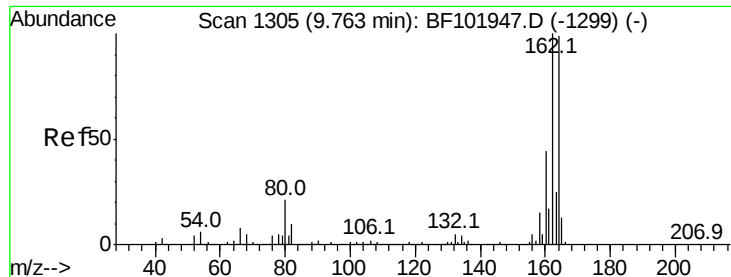
#23
Nitrobenzene-d5
Concen: 76.536 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:	82	Resp:	756825
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	53.6	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

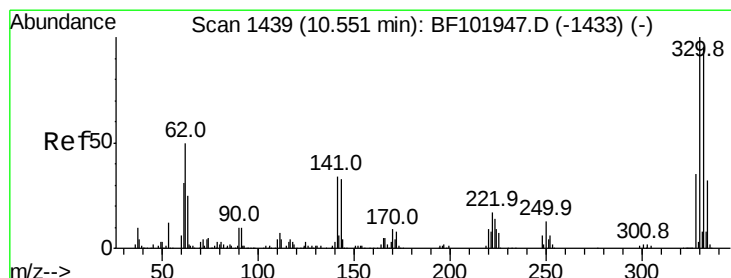
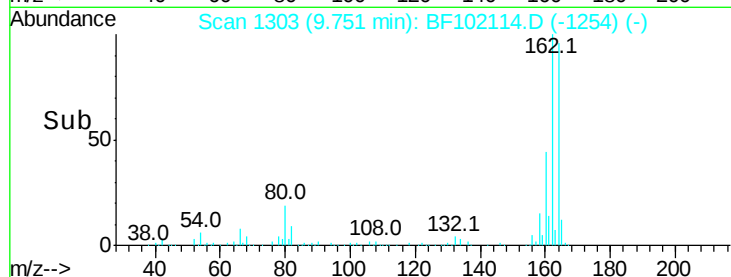
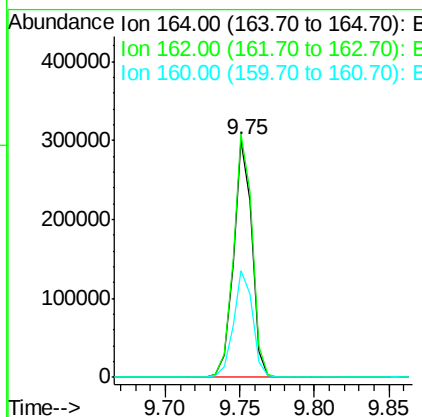
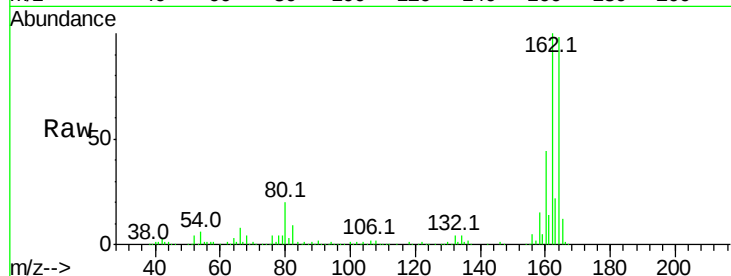




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

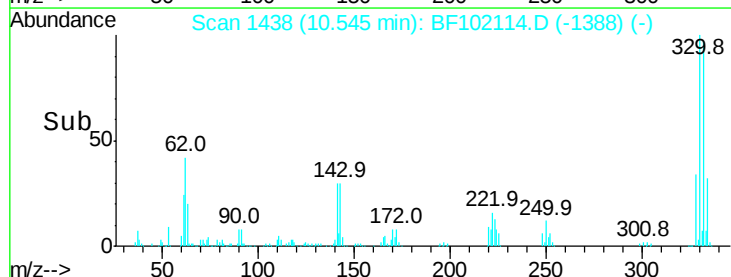
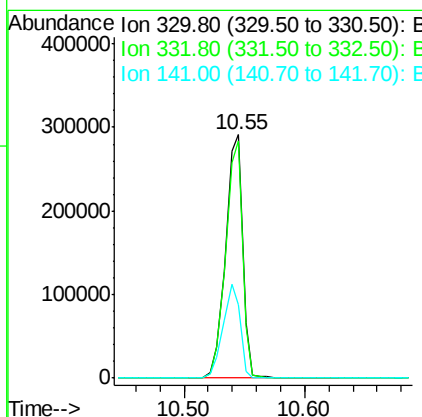
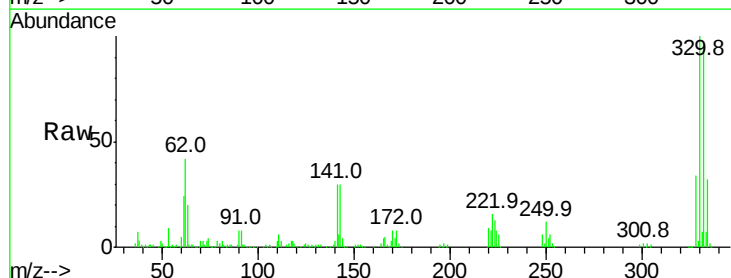
Instrument :
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 ClientSampleId :
 SB-31-2.5-3.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 125.923 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.1	29.9	44.9

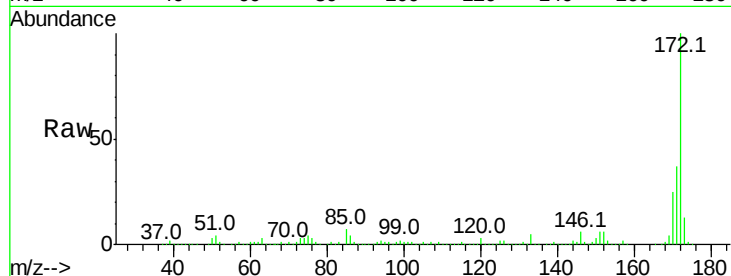




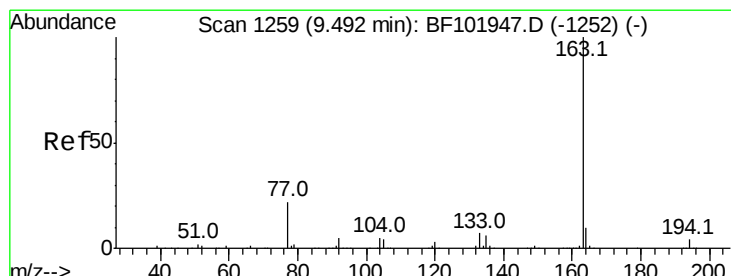
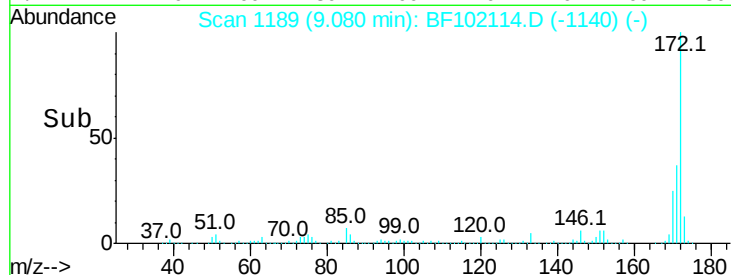
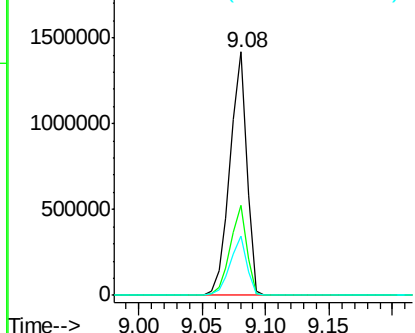
#44
2-Fluorobiphenyl
Concen: 78.119 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :
SB-31-2.5-3.0

Tot Ion:172 Resp: 1304904
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.5 19.6 29.4

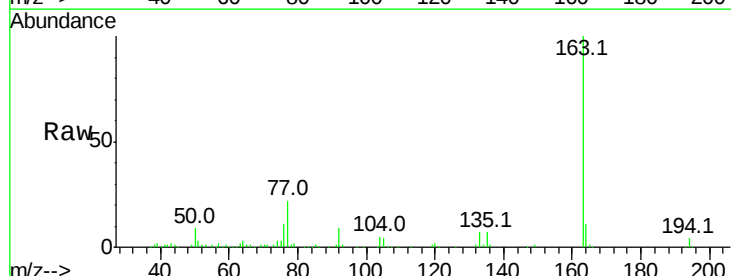


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

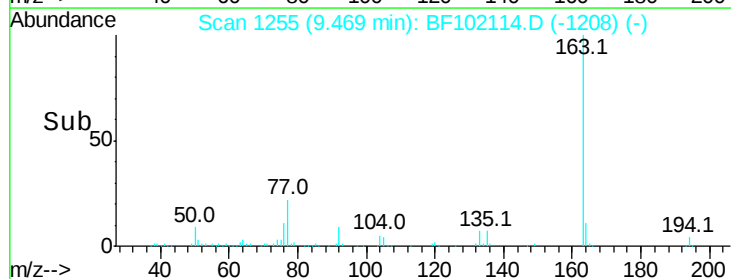
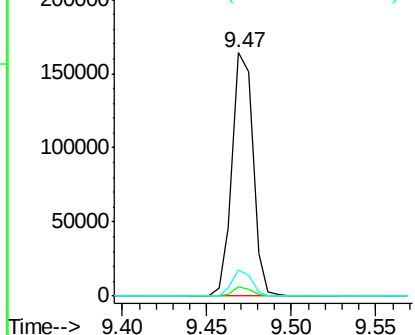


#49
Dimethylphthalate
Concen: 6.787 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:163 Resp: 142083
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 8.2 12.2



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

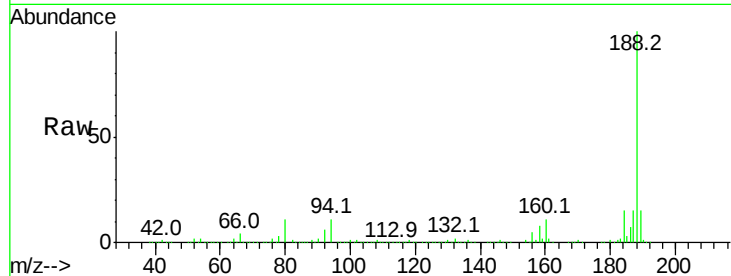




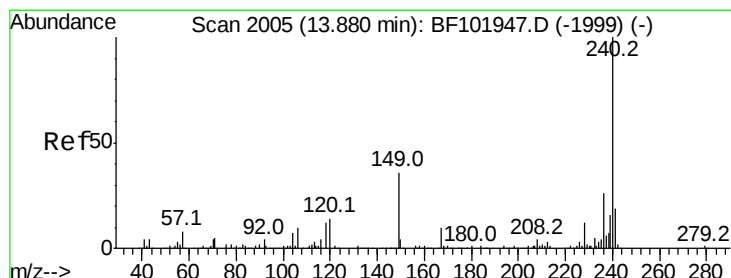
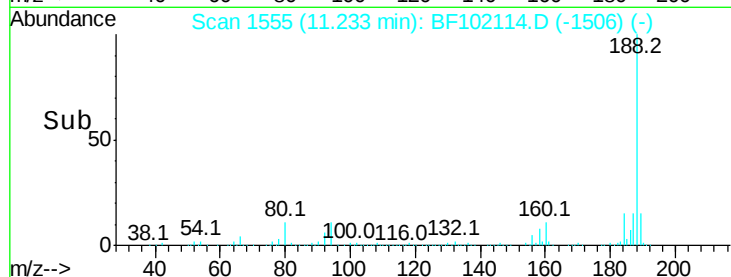
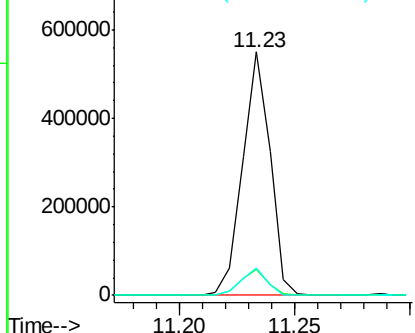
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :
SB-31-2.5-3.0

Tot Ion:188 Resp: 457572
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.1 9.2 13.8

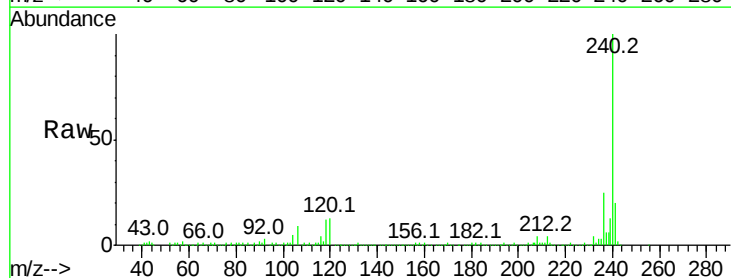


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

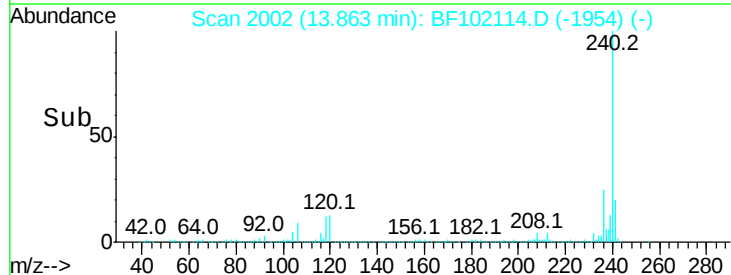
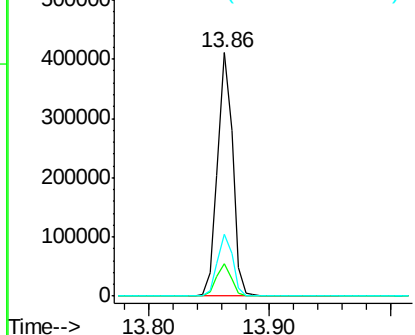


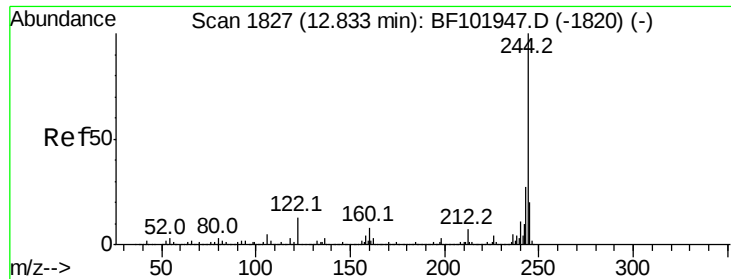
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:240 Resp: 352885
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.4 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



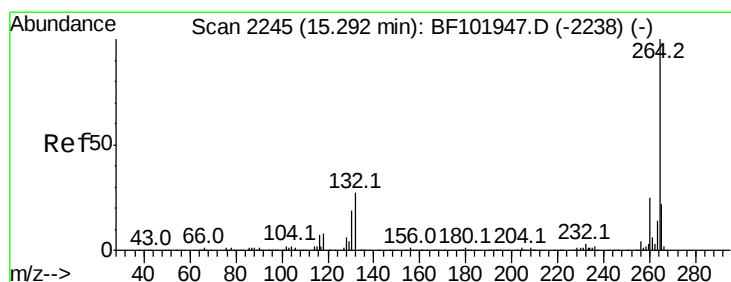
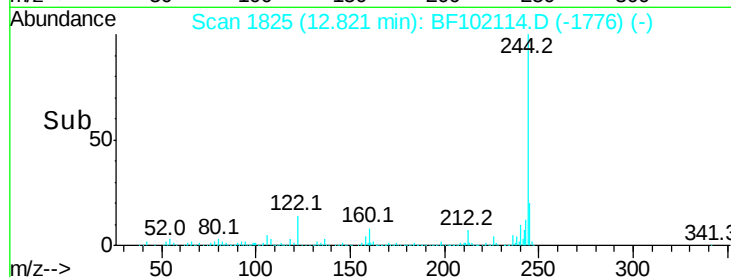
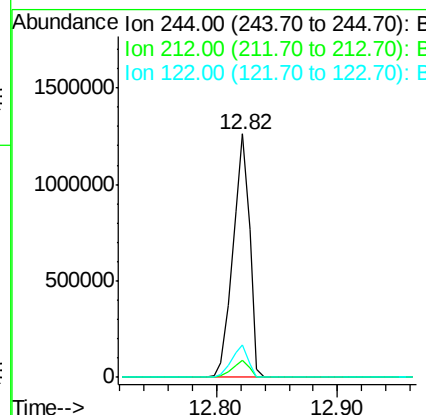
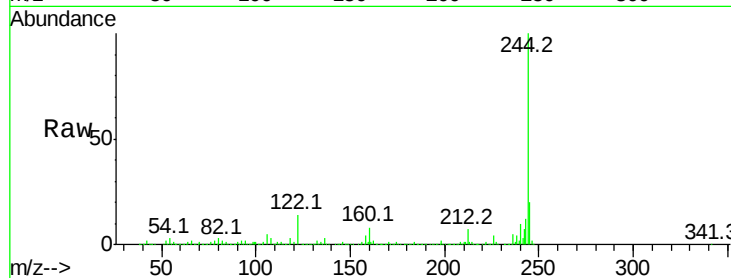


#78
 Terphenyl-d14
 Concen: 70.556 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-2.5-3.0

Tot Ion:244 Resp: 1199182

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Tgt Ion:264 Resp: 246645

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.1	17.5	26.3

