

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101930.D
 Acq On : 5 Jan 2018 15:28
 Operator : SJ/JU
 Sample : J1017-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4462

Quant Time: Jan 05 15:57:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 12:29:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118857	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	449091	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	145853	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	249478	20.00	ng	0.00
75) Chrysene-d12	13.96	240	269605	20.00	ng	0.00
86) Perylene-d12	15.43	264	202402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1113962	139.61	ng	0.01
7) Phenol-d6	6.43	99	1139842	114.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	768072	95.20	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	164128	116.78	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	980227	104.25	ng	0.00
78) Terphenyl-d14	12.89	244	869129	77.72	ng	0.00

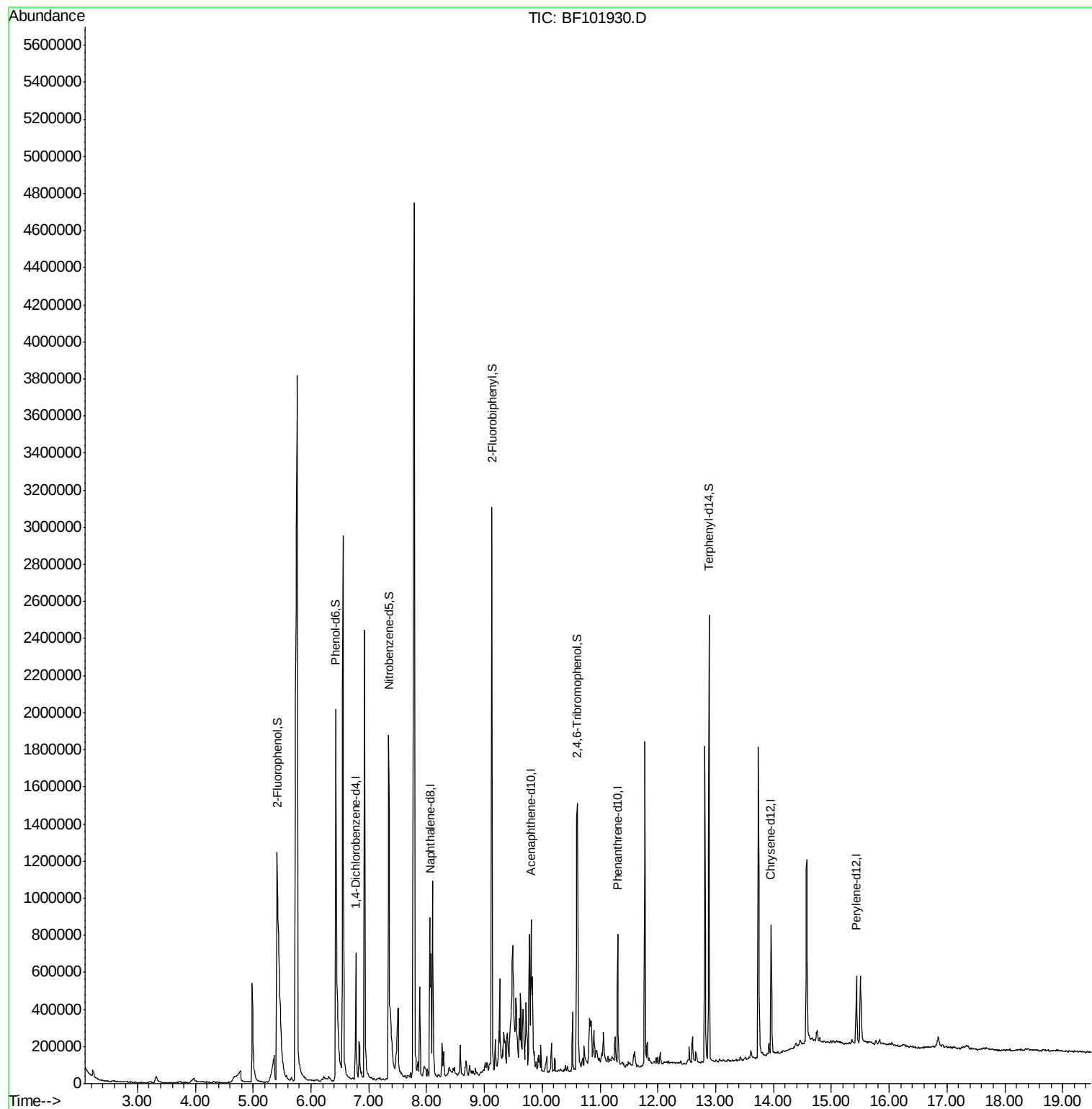
Target Compounds	Qvalue
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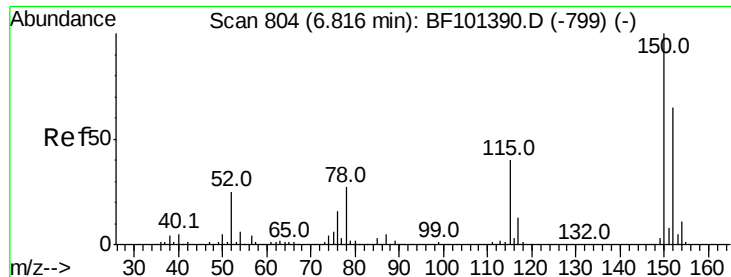
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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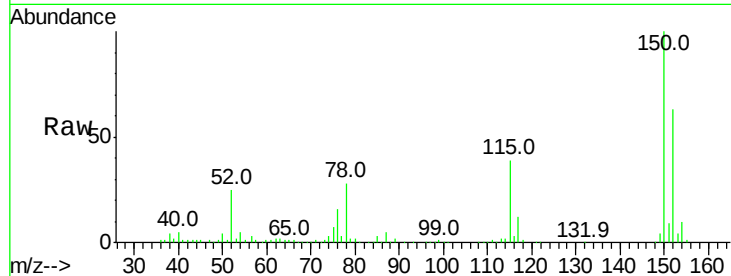


#1

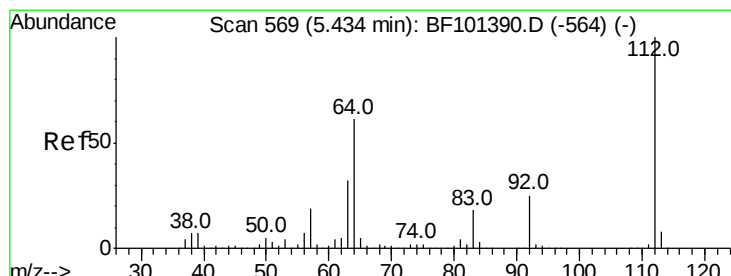
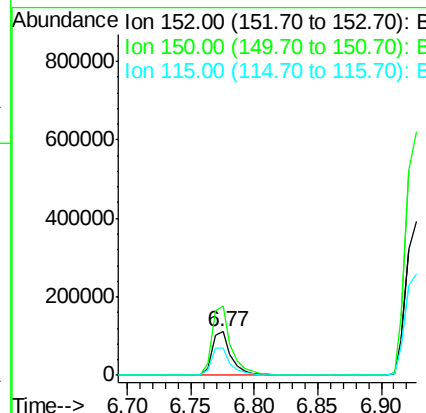
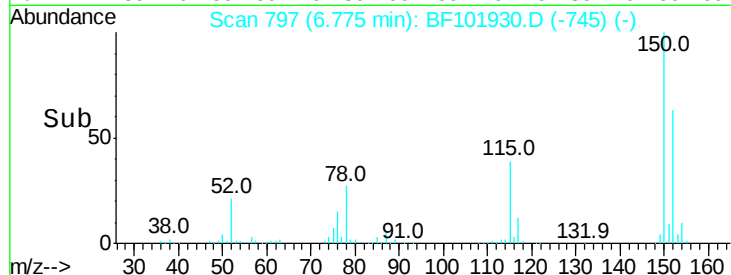
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

Instrument :
BNA_F
ClientSampleId :
4462

Tot Ion:152 Resp: 118857
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.2 50.1 75.1



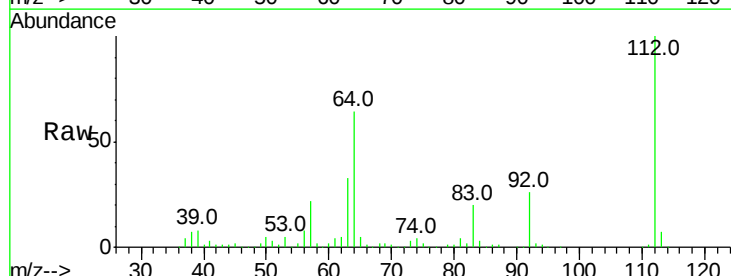
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



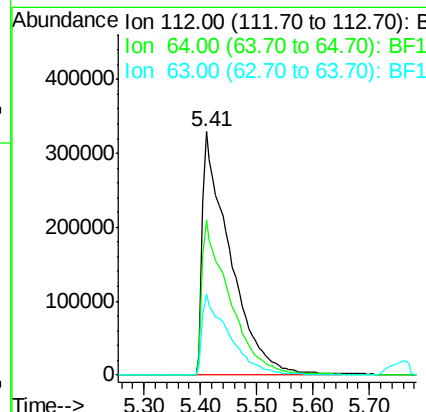
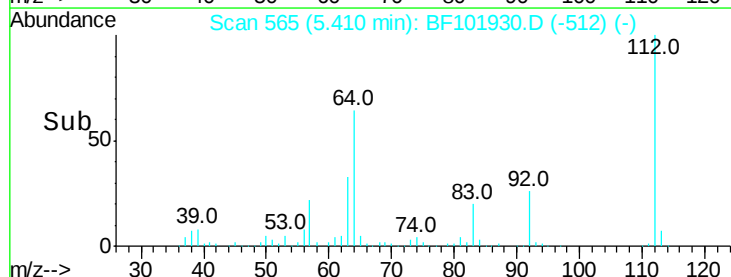
#5

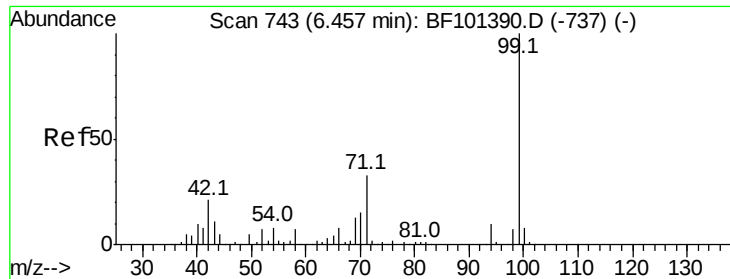
2-Fluorophenol
Concen: 139.608 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

Tgt Ion:112 Resp: 1113962
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 33.1 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: 114.782 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

Instrument :

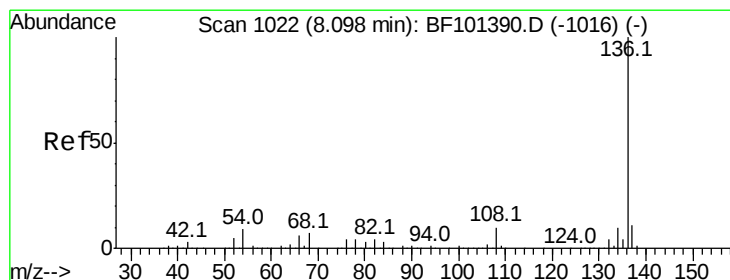
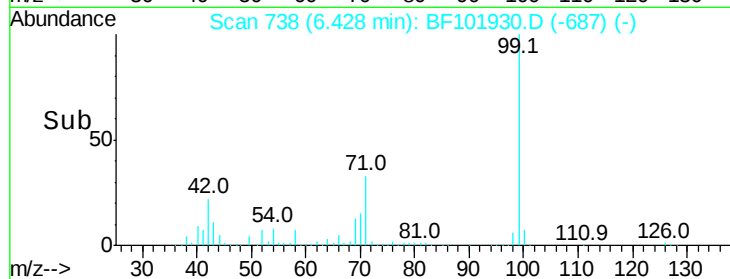
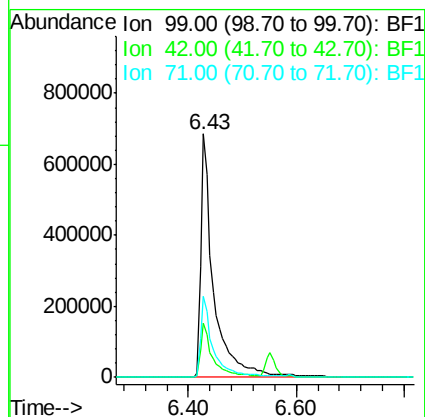
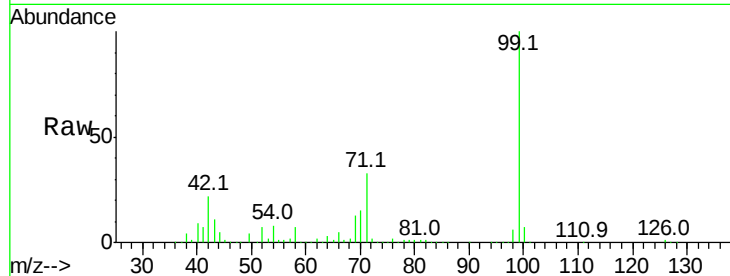
BNA_F

ClientSampleId :

4462

Tot Ion: 99 Resp: 1139842

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	33.1	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

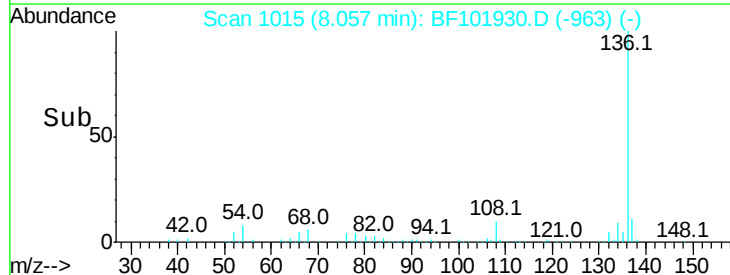
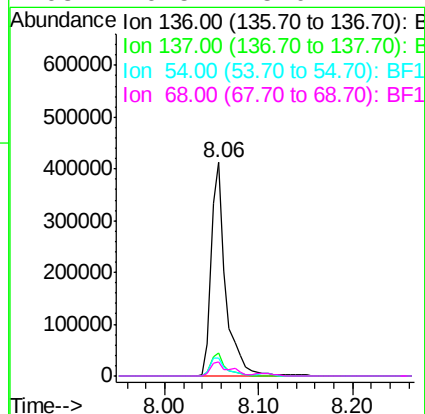
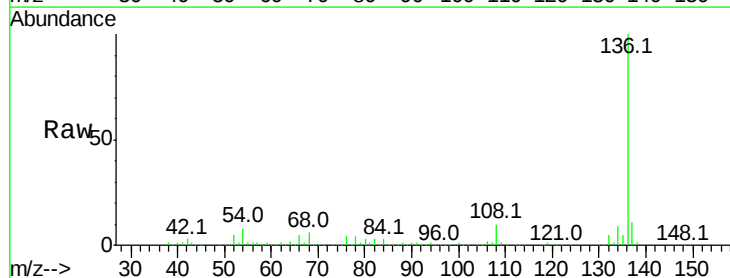
Delta R.T. 0.01 min

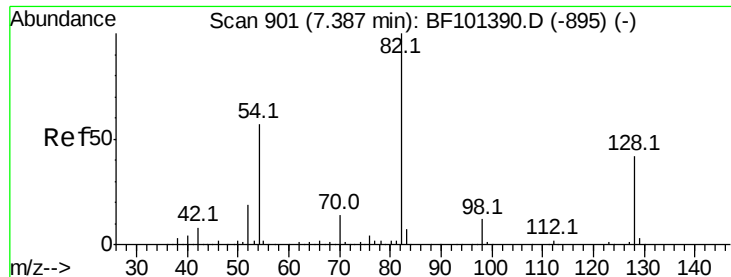
Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

Tgt Ion: 136 Resp: 449091

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

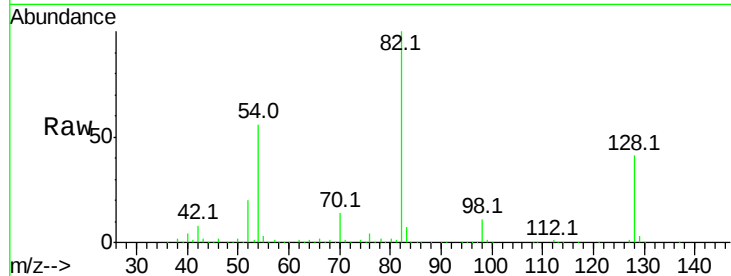




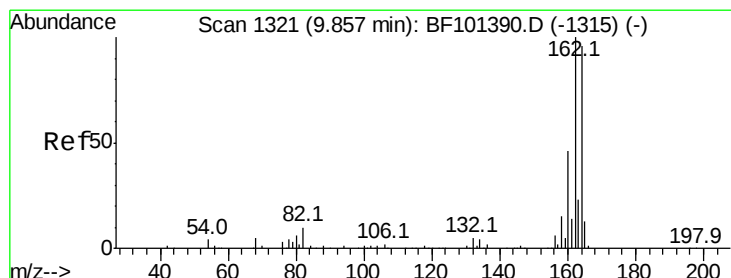
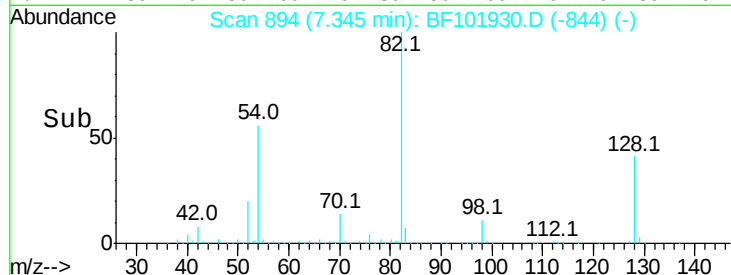
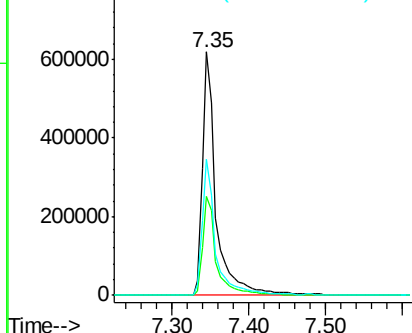
#23
Nitrobenzene-d5
Concen: 95.204 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

Instrument :
BNA_F
ClientSampleId :
4462

Tot Ion: 82 Resp: 768072
Ion Ratio Lower Upper
82 100
128 40.7 36.1 54.1
54 56.1 41.4 62.2

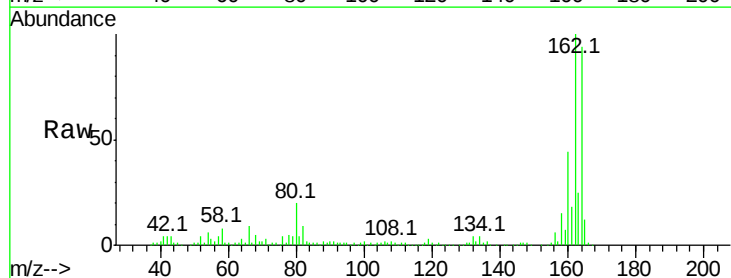


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

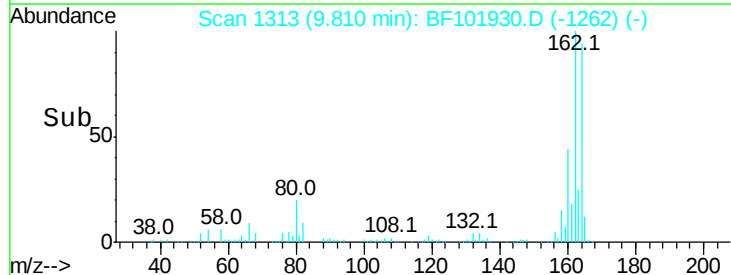
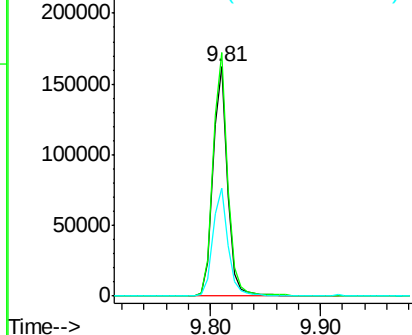


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

Tgt Ion:164 Resp: 145853
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 47.1 38.3 57.5



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

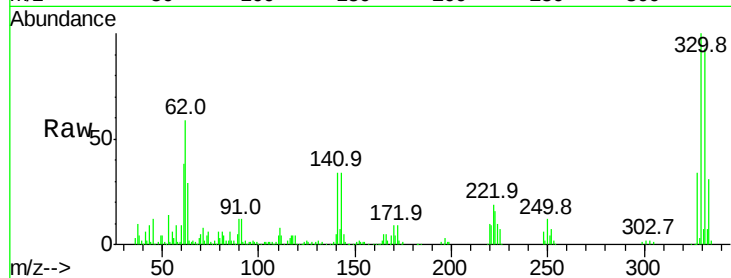




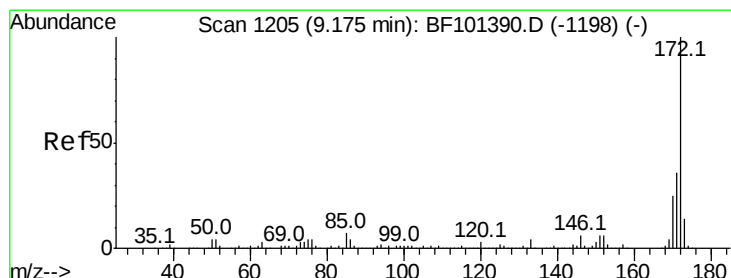
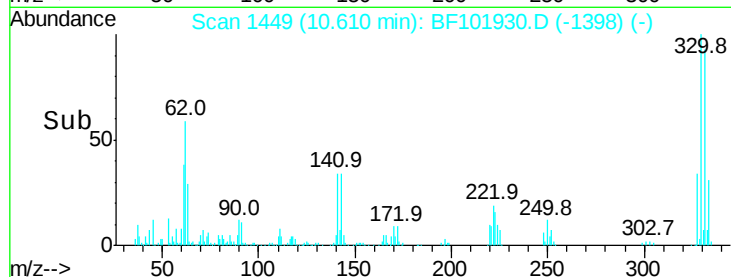
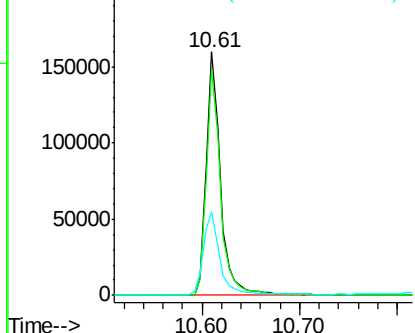
#41
 2,4,6-Tribromophenol
 Concen: 116.783 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 4462

Tot Ion:330 Resp: 164128
 Ion Ratio Lower Upper
 330 100
 332 92.6 77.0 115.6
 141 38.6 29.9 44.9

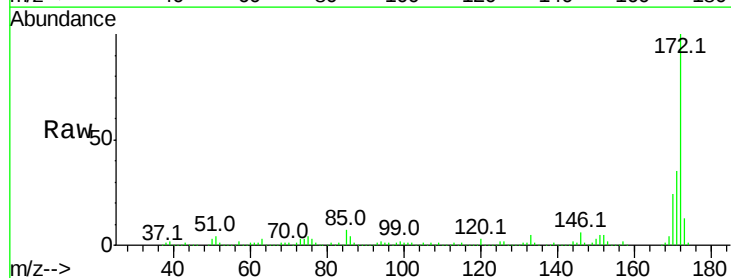


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

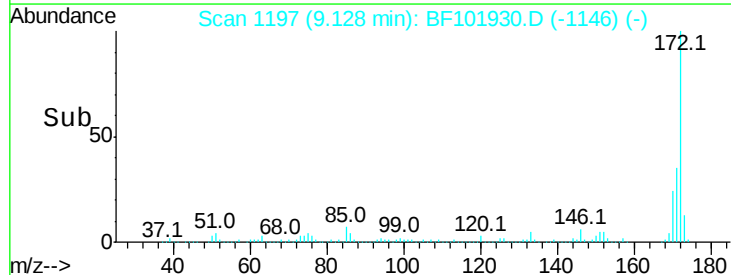
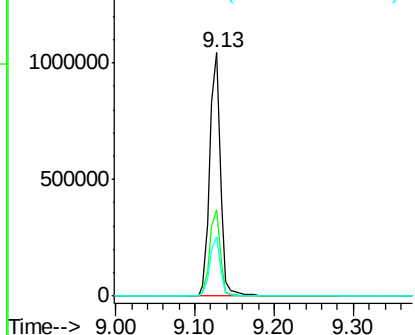


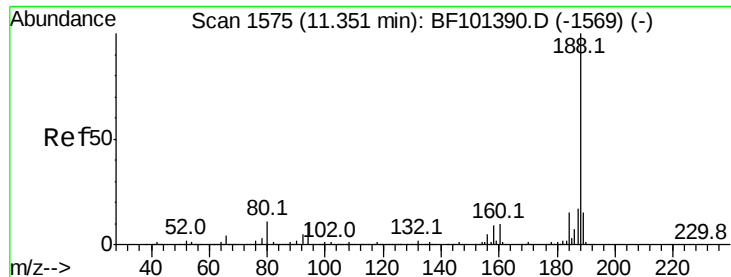
#44
 2-Fluorobiphenyl
 Concen: 104.254 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Tgt Ion:172 Resp: 980227
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.4 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

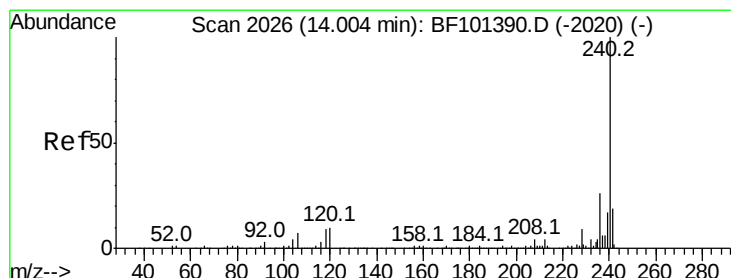
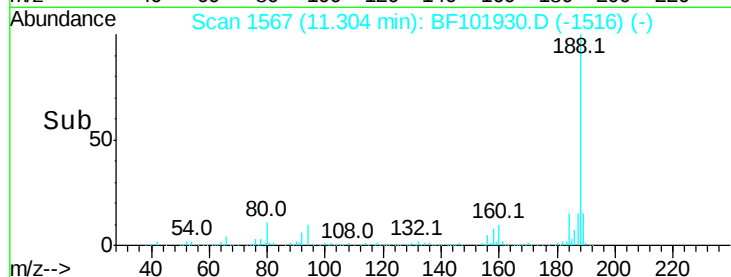
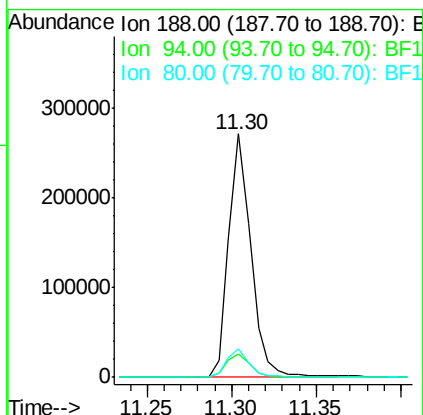
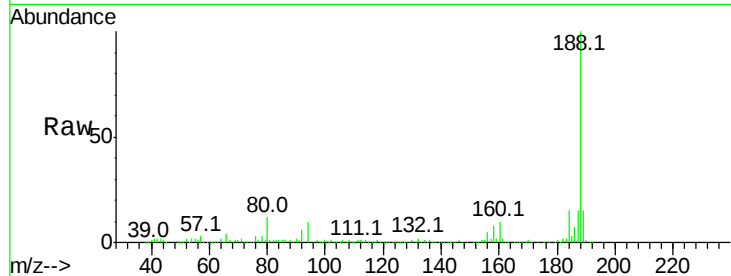




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

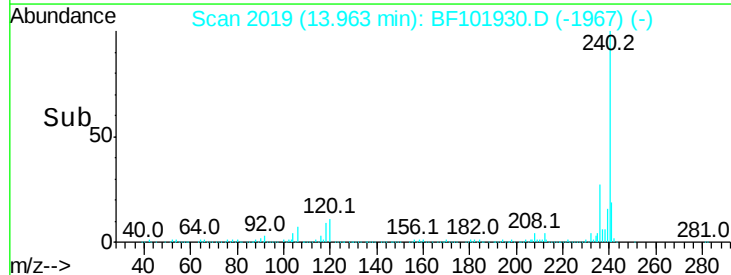
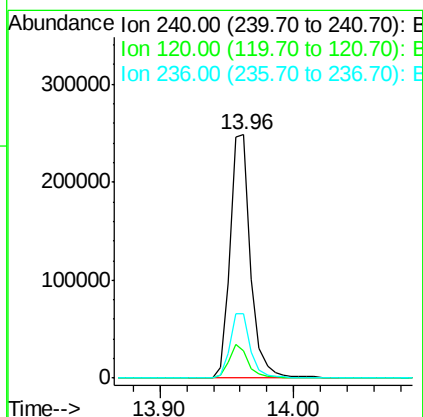
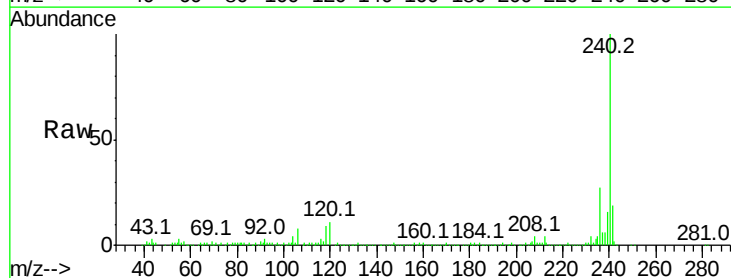
Instrument :
BNA_F
ClientSampleId :
4462

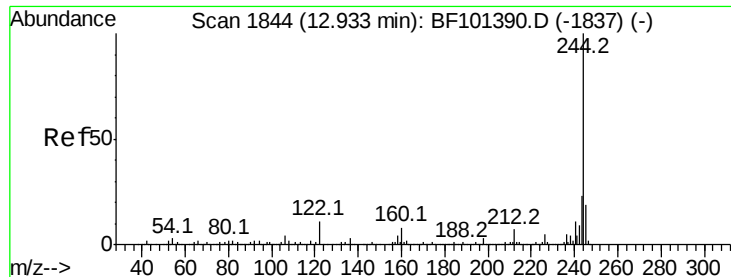
Tot Ion:188 Resp: 249478
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

Tgt Ion:240 Resp: 269605
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.7 20.7 31.1

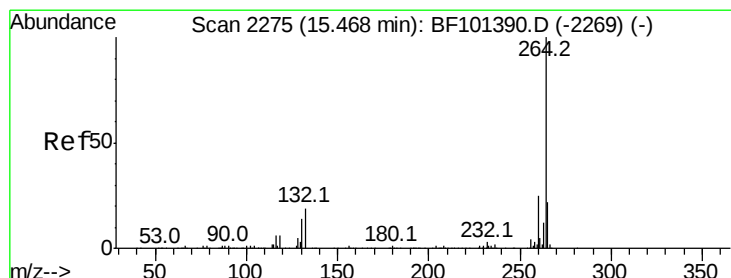
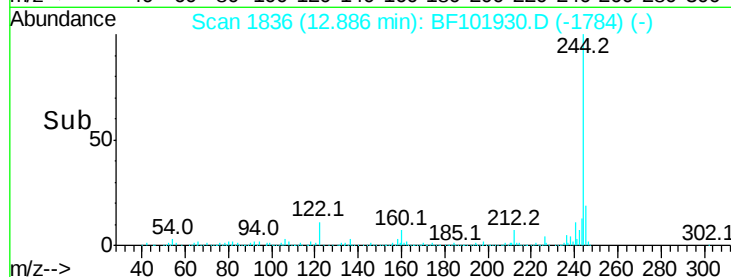
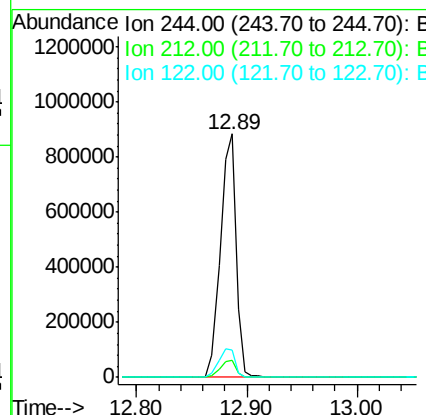
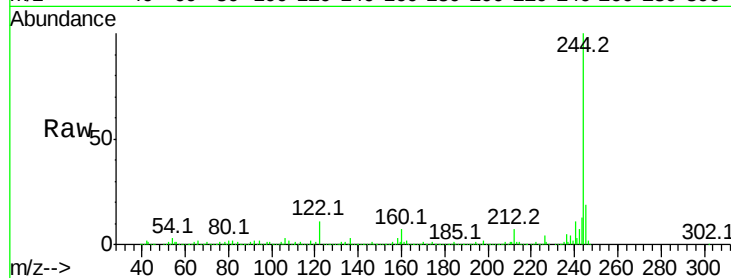




#78
 Terphenyl-d14
 Concen: 77.716 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Instrument :
 BNA_F
 ClientSampleID :
 4462

Tot Ion:244 Resp: 869129
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Tgt Ion:264 Resp: 202402
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.2 28.8
 265 21.2 17.5 26.3

