

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101939.D
 Acq On : 5 Jan 2018 19:29
 Operator : SJ/JU
 Sample : J1032-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Quant Time: Jan 05 22:02:43 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	126358	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	483130	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	176370	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	280188	20.00	ng	0.00
75) Chrysene-d12	13.96	240	257583	20.00	ng	0.00
86) Perylene-d12	15.43	264	209033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1030309	121.46	ng	0.01
7) Phenol-d6	6.43	99	1126337	106.69	ng	0.00
23) Nitrobenzene-d5	7.35	82	810816	93.42	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	174318	102.57	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1122425	98.72	ng	0.00
78) Terphenyl-d14	12.88	244	851491	79.69	ng	0.00

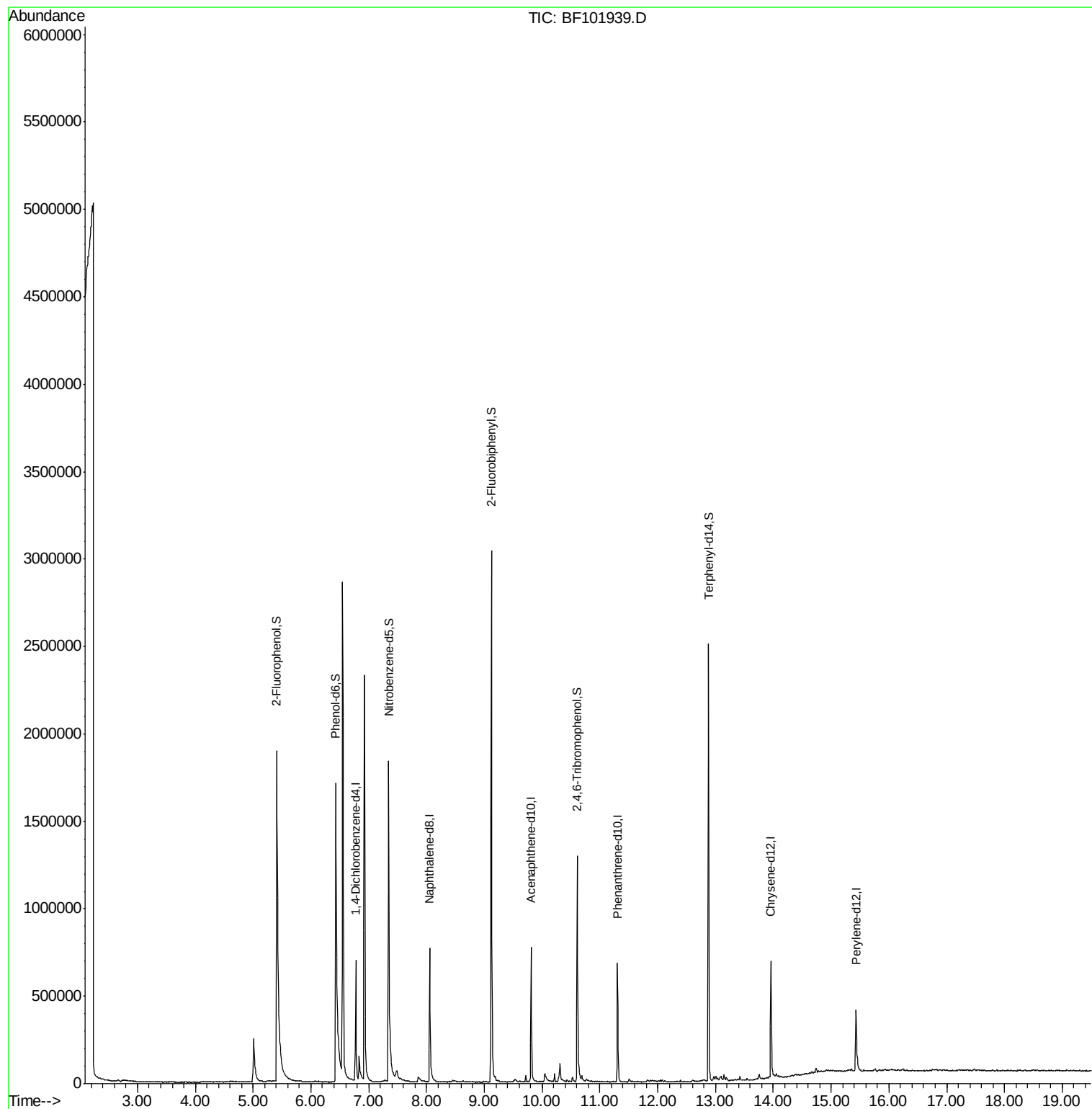
Target Compounds Qvalue

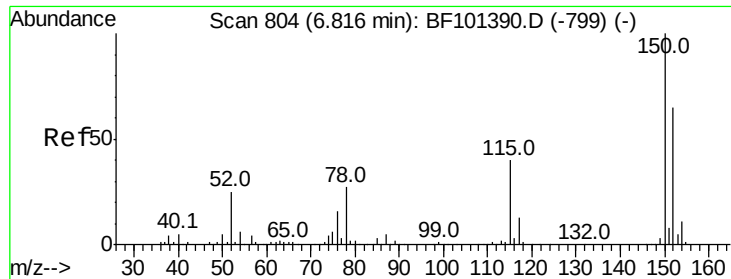
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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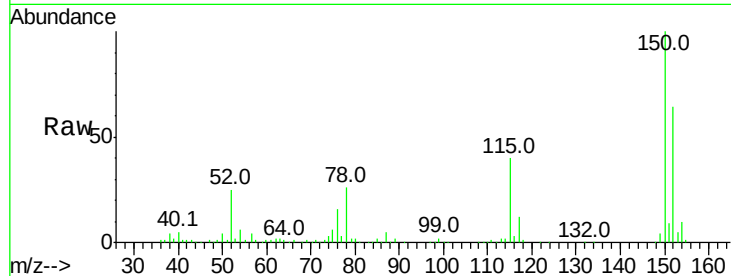


#1

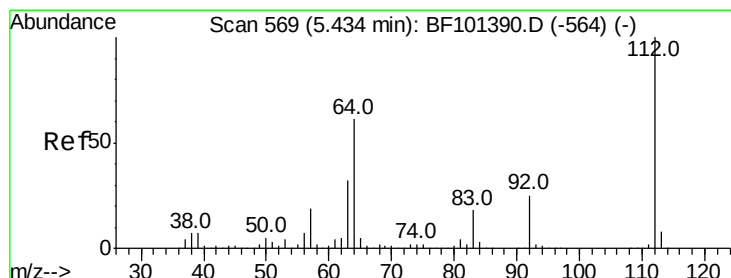
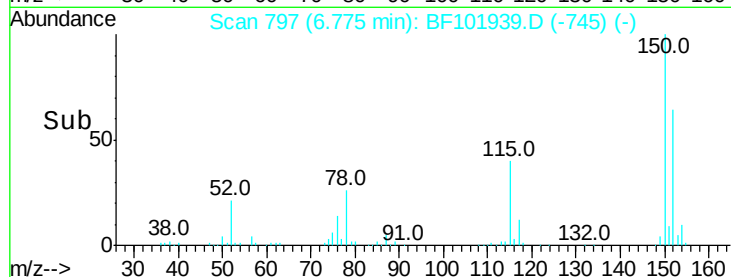
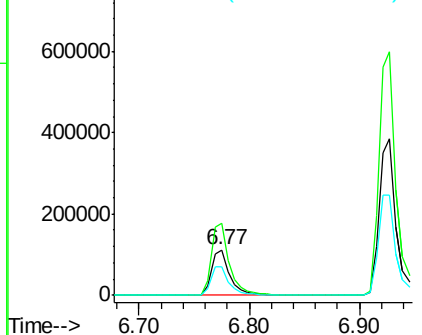
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101939.D
Acq: 5 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tot Ion:152 Resp: 126358
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 62.7 50.1 75.1



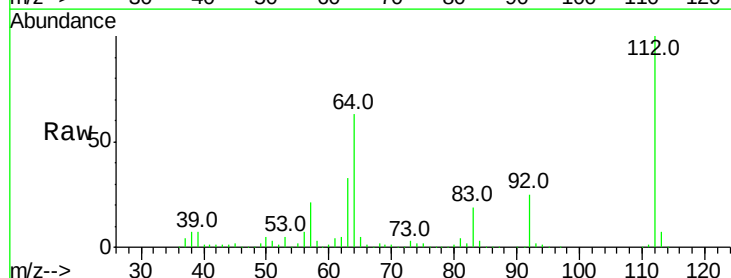
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



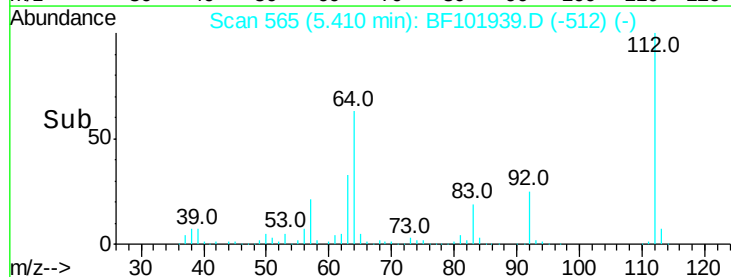
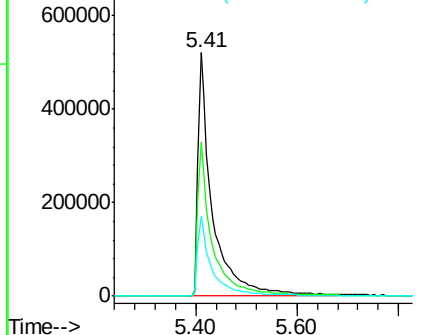
#5

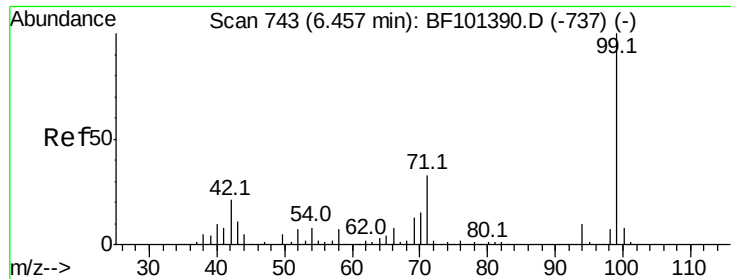
2-Fluorophenol
Concen: 121.459 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101939.D
Acq: 5 Jan 2018 19:29

Tgt Ion:112 Resp: 1030309
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.7 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: 106.689 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF101939.D

Acq: 5 Jan 2018 19:29

Instrument :

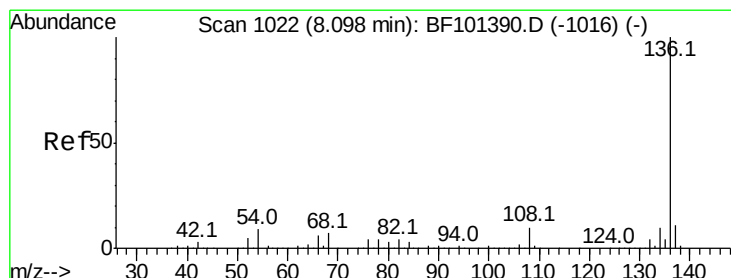
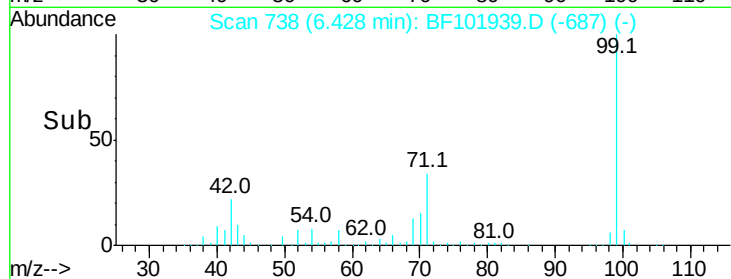
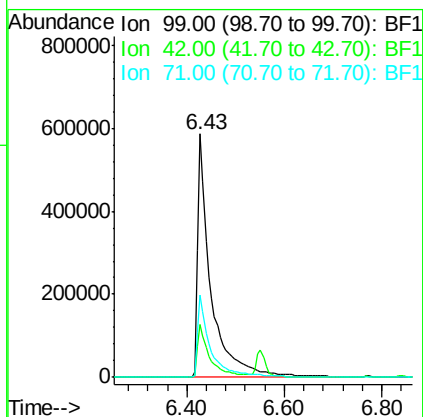
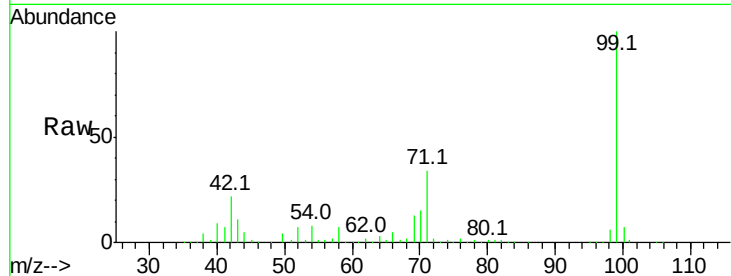
BNA_F

ClientSampleId :

OWS-1

Tot Ion: 99 Resp: 1126337

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	34.0	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

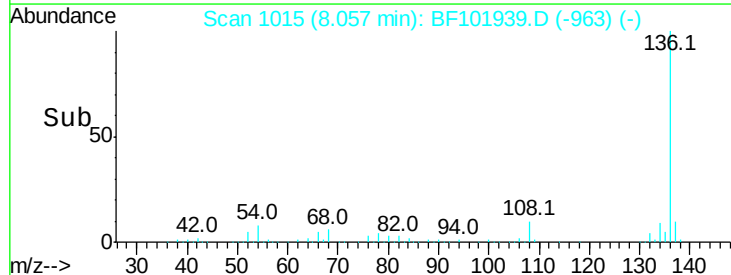
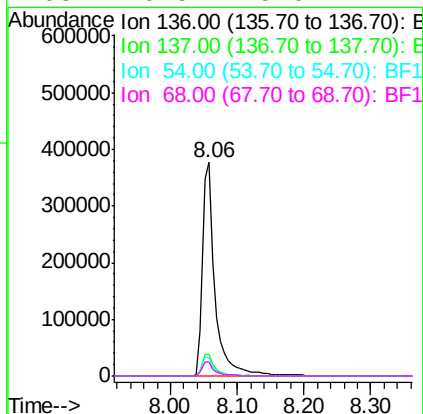
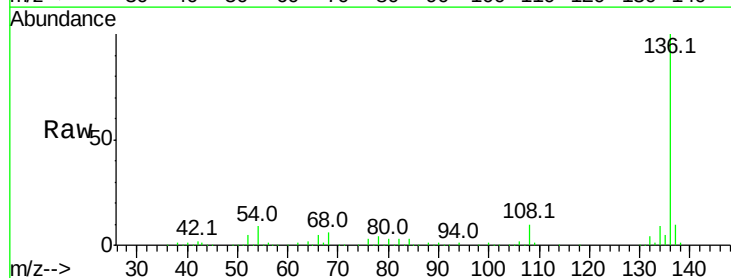
Delta R.T. 0.01 min

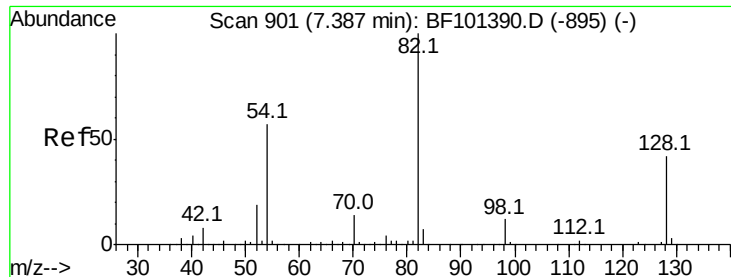
Lab File: BF101939.D

Acq: 5 Jan 2018 19:29

Tgt Ion: 136 Resp: 483130

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.6	6.6	9.8
68	6.5	5.0	7.4

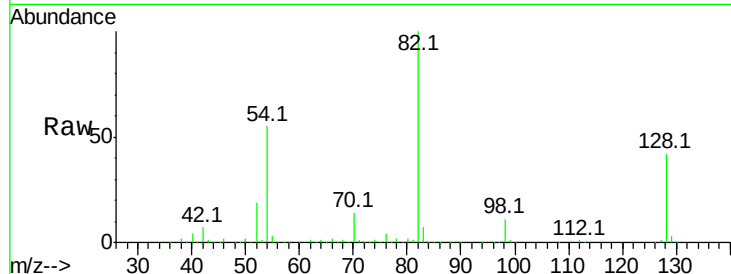




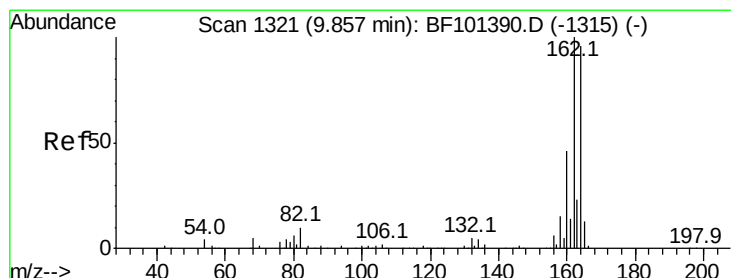
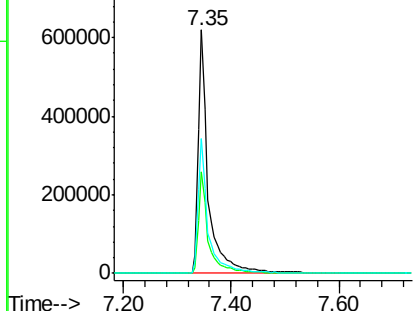
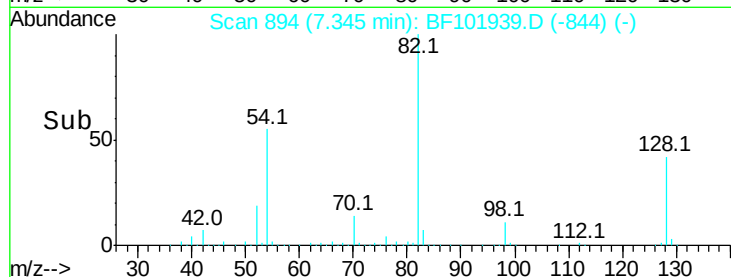
#23
Nitrobenzene-d5
Concen: 93.421 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF101939.D
Acq: 5 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tot Ion: 82 Resp: 810816
Ion Ratio Lower Upper
82 100
128 41.5 36.1 54.1
54 55.5 41.4 62.2

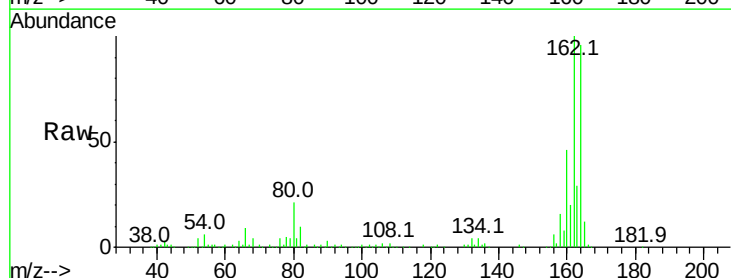


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

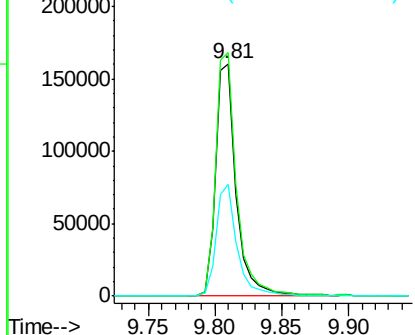
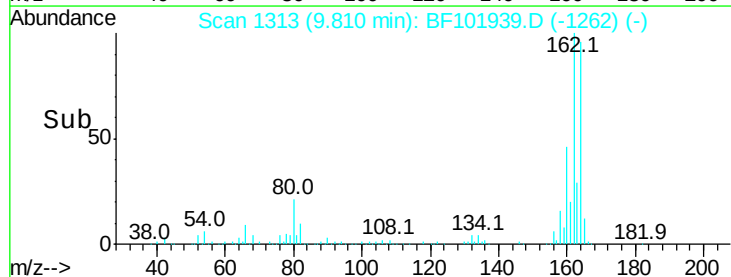


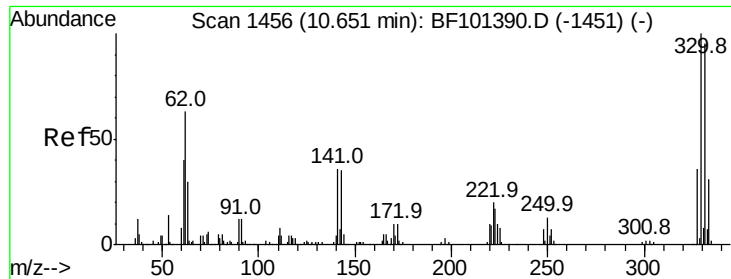
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF101939.D
Acq: 5 Jan 2018 19:29

Tgt Ion:164 Resp: 176370
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.8 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

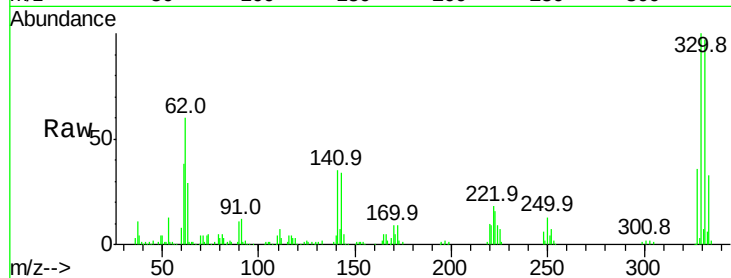




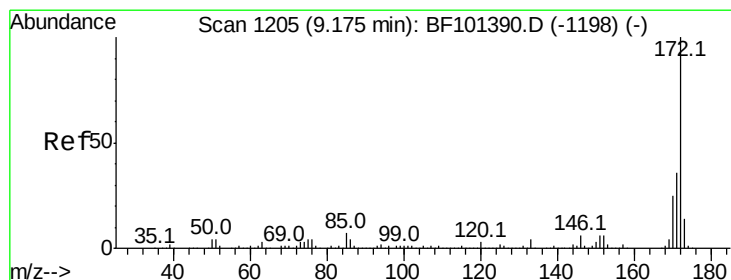
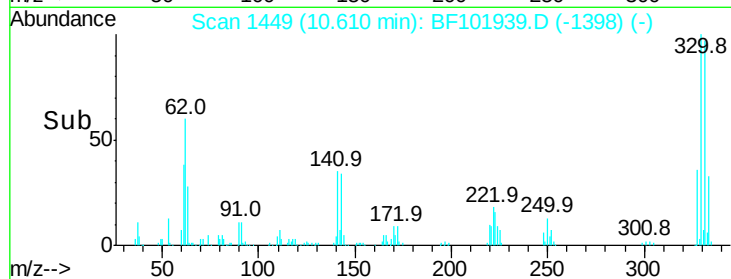
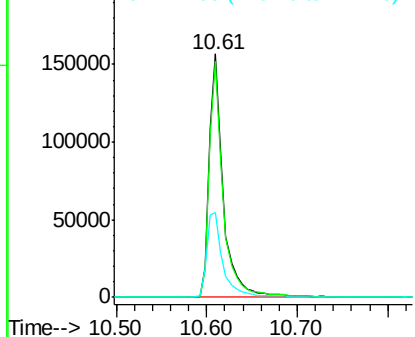
#41
 2,4,6-Tribromophenol
 Concen: 102.572 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF101939.D
 Acq: 5 Jan 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Tot Ion:330 Resp: 174318
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 40.5 29.9 44.9

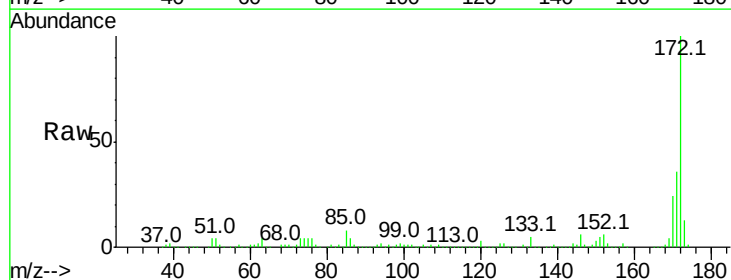


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

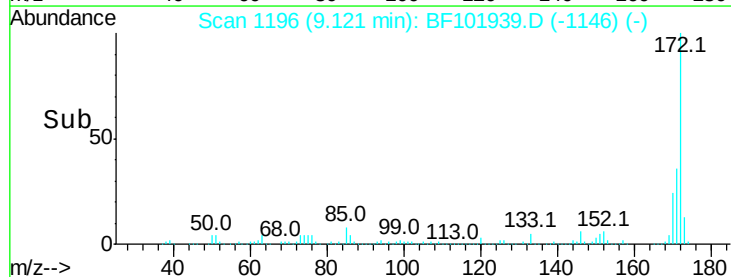
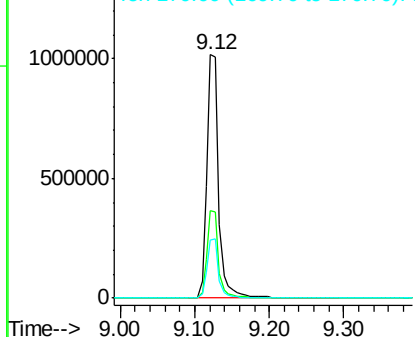


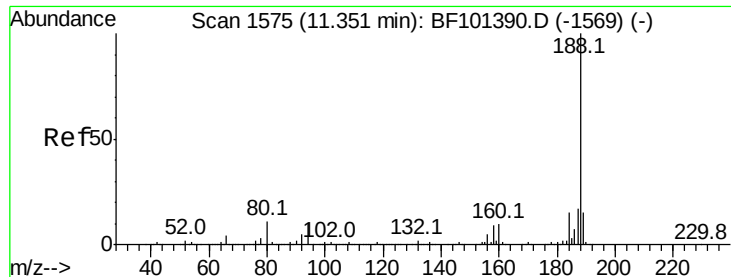
#44
 2-Fluorobiphenyl
 Concen: 98.722 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF101939.D
 Acq: 5 Jan 2018 19:29

Tgt Ion:172 Resp: 1122425
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.0 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

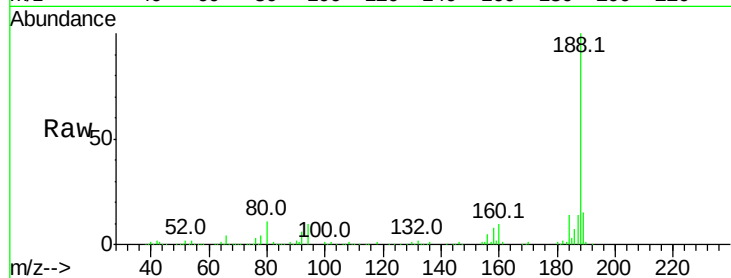




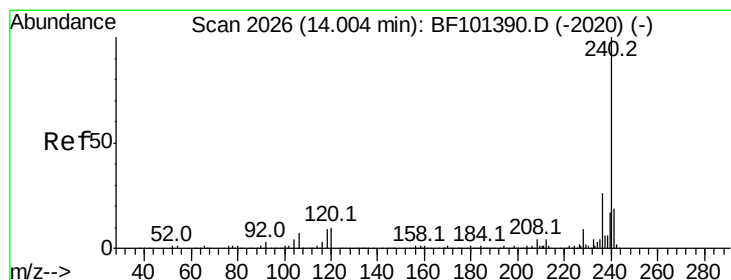
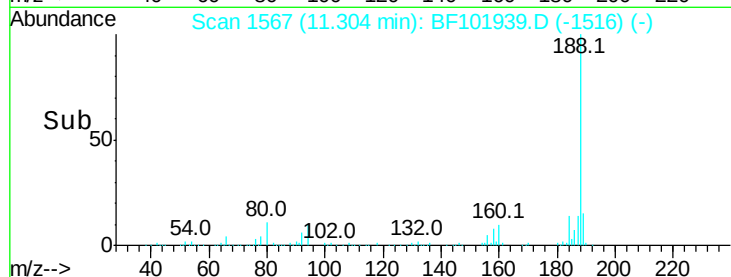
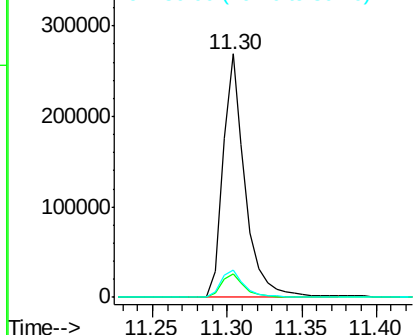
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF101939.D
Acq: 5 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tot Ion:188 Resp: 280188
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.3 9.2 13.8

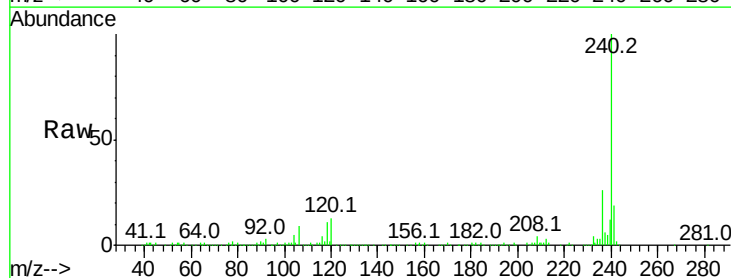


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

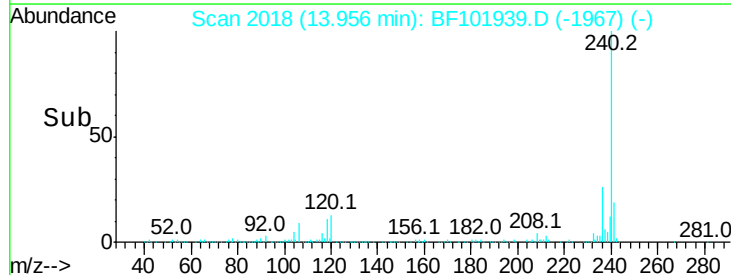
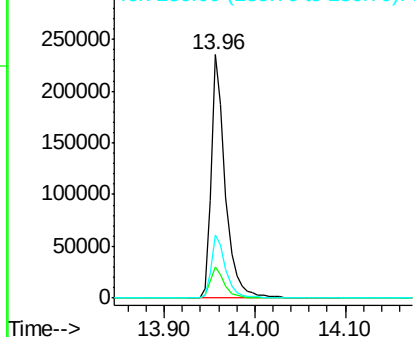


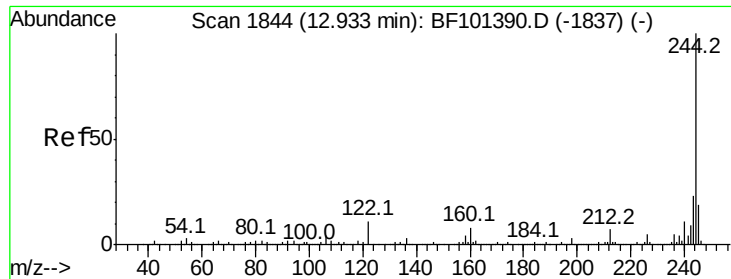
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101939.D
Acq: 5 Jan 2018 19:29

Tgt Ion:240 Resp: 257583
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.7 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: 79.693 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101939.D

Acq: 5 Jan 2018 19:29

Instrument :

BNA_F

ClientSampleId :

OWS-1

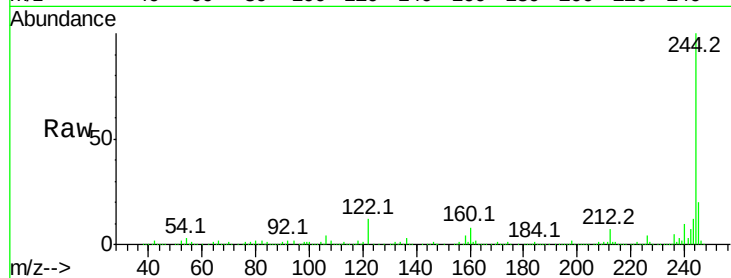
Tot Ion:244 Resp: 851491

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

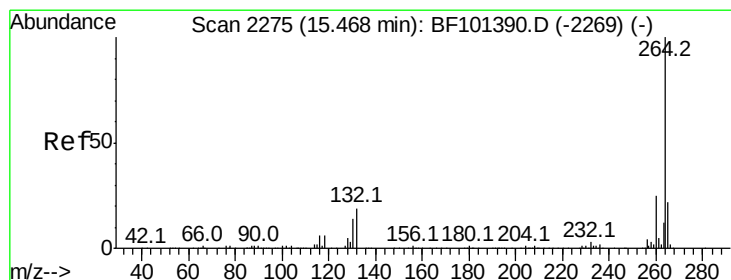
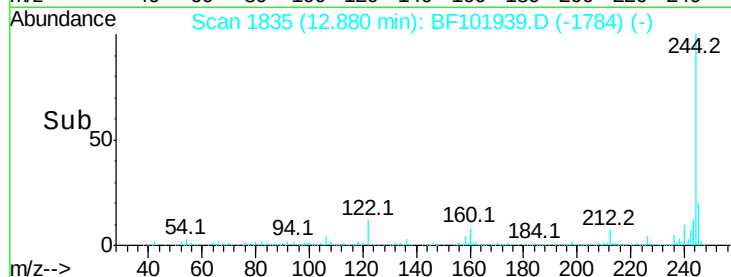
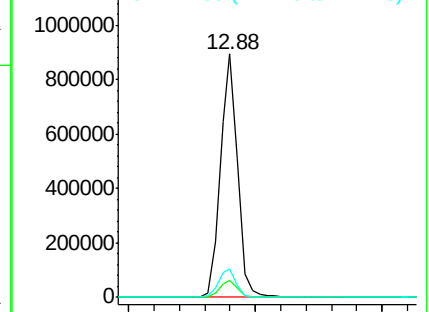
122 11.8 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF101939.D

Acq: 5 Jan 2018 19:29

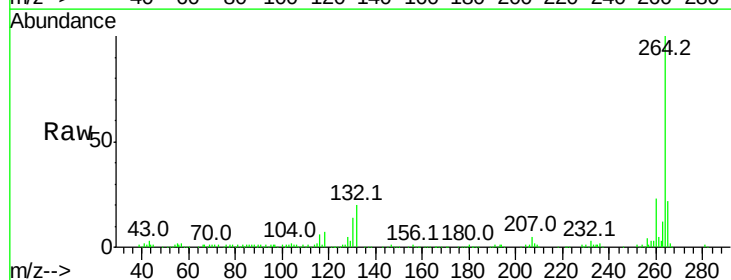
Tgt Ion:264 Resp: 209033

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 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

