

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111940.D
 Acq On : 9 Jan 2019 10:18
 Operator : JU/SJ
 Sample : PB116192BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BL

Quant Time: Jan 09 10:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199528	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	736171	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	416919	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	848248	20.00	ng	0.00
76) Chrysene-d12	14.05	240	866745	20.00	ng	0.00
87) Perylene-d12	15.54	264	736486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1063872	91.22	ng	0.01
7) Phenol-d6	6.53	99	1267791	84.34	ng	0.00
23) Nitrobenzene-d5	7.45	82	833447	60.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	477224	88.00	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1636805	57.25	ng	0.00
79) Terphenyl-d14	13.00	244	2020534	44.25	ng	0.00

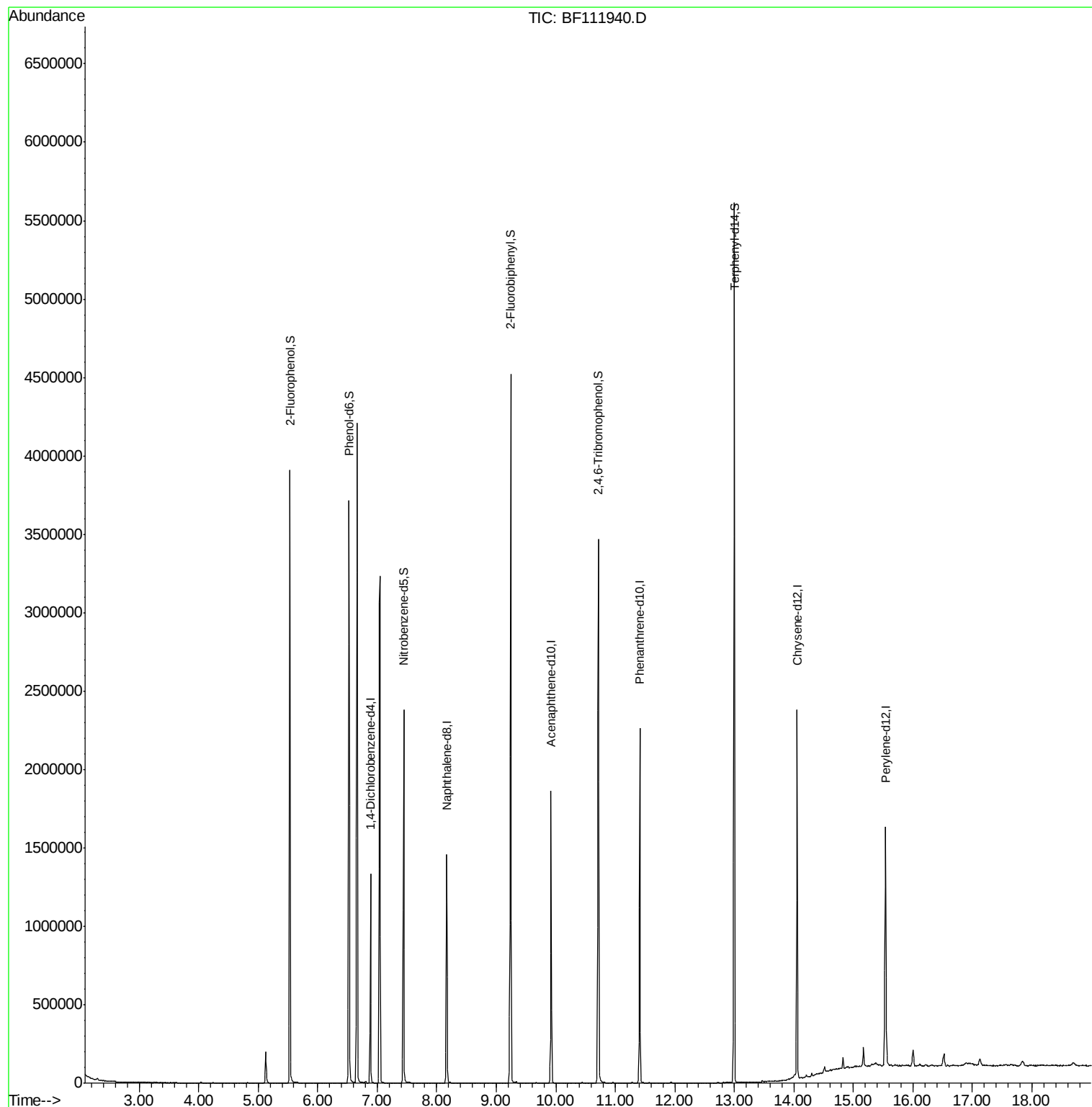
Target Compounds Qvalue

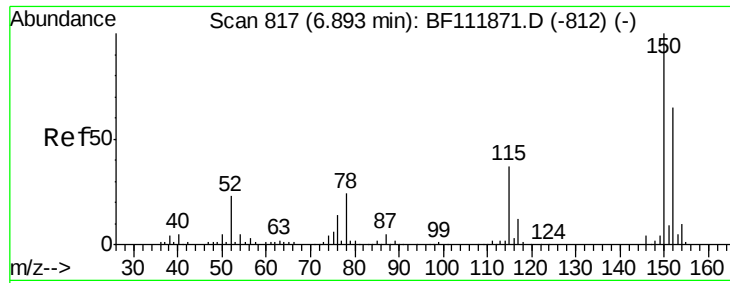
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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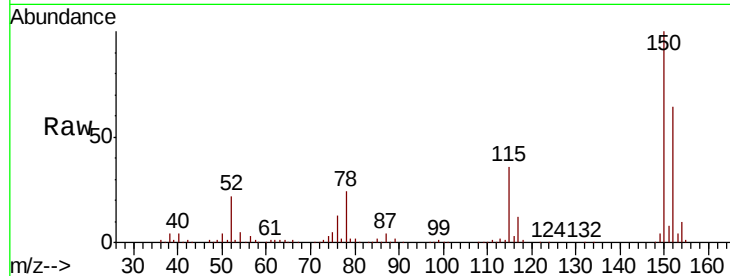


#1

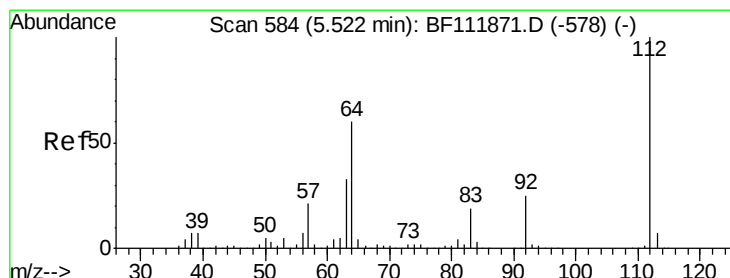
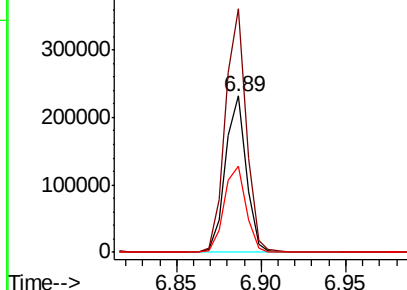
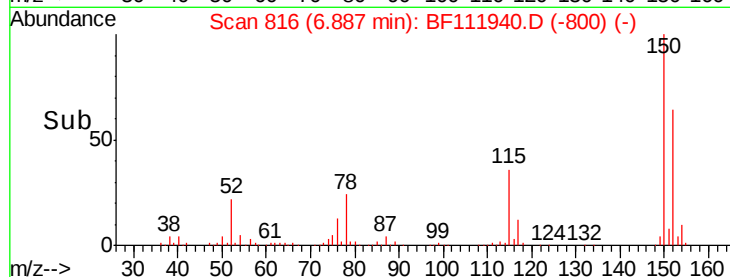
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Instrument :
BNA_F
ClientSampleId :
PB116192BL

Tot Ion:152 Resp: 199528
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 55.5 45.2 67.8



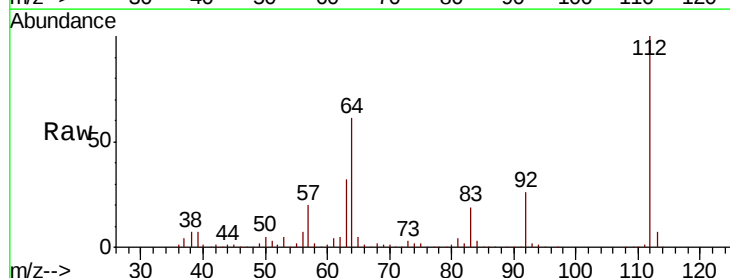
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



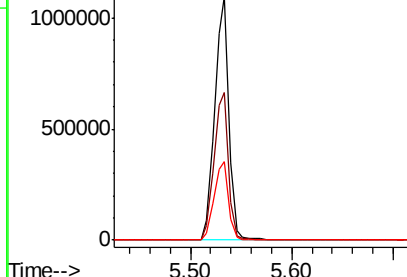
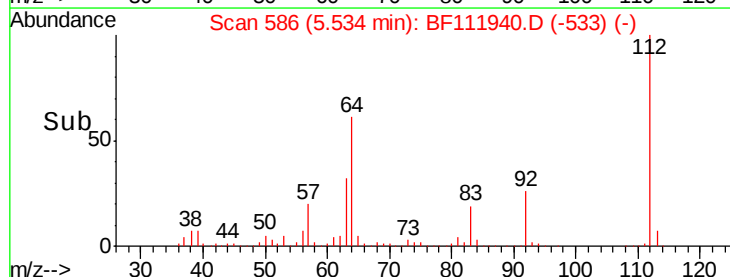
#5

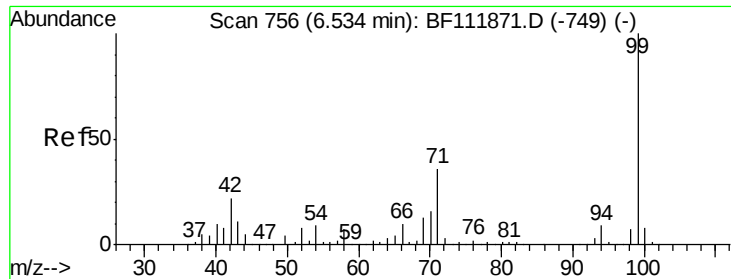
2-Fluorophenol
Concen: 91.220 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Tgt Ion:112 Resp: 1063872
Ion Ratio Lower Upper
112 100
64 60.6 48.3 72.5
63 32.0 26.1 39.1



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: 84.340 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

Instrument :

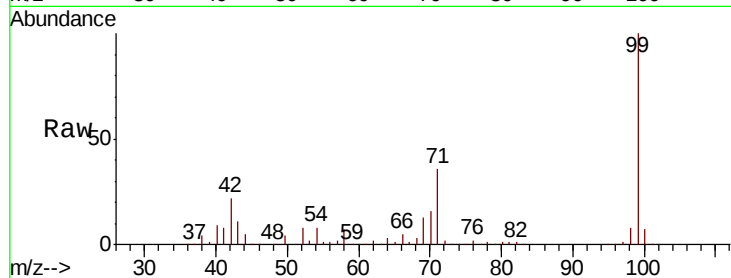
BNA_F

ClientSampleId :

PB116192BL

Tot Ion: 99 Resp: 1267791

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	35.8	28.7	43.1

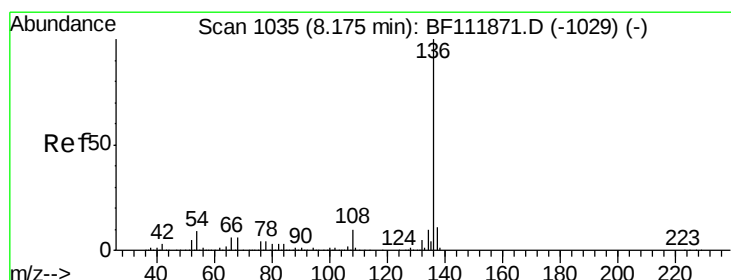
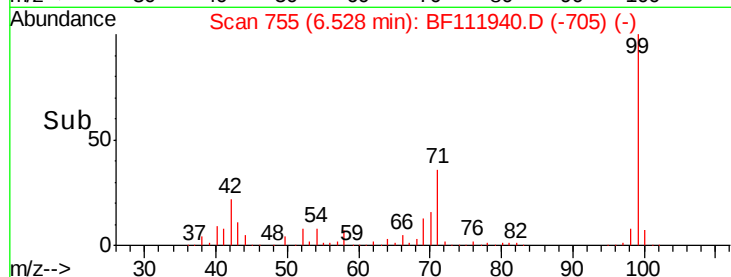
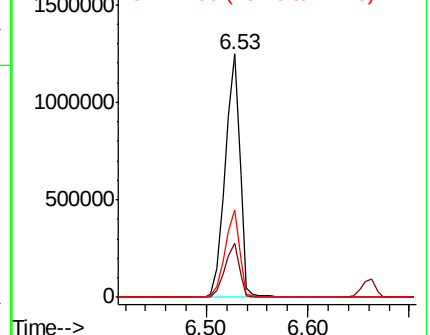


Abundance

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: 8.17 min Scan# 1034

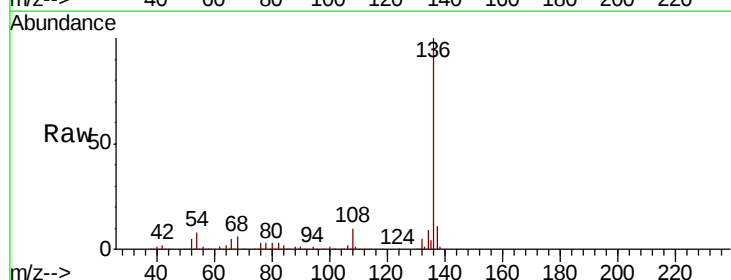
Delta R.T. -0.01 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

Tgt Ion: 136 Resp: 736171

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.5	7.2	10.8
68	5.6	4.4	6.6



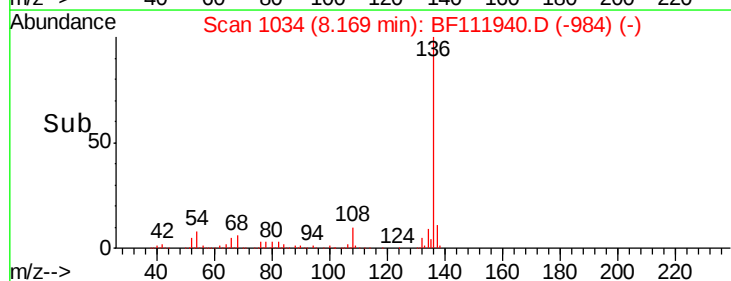
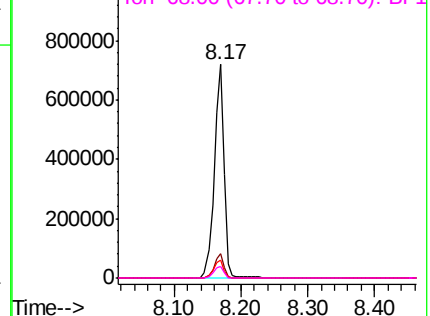
Abundance

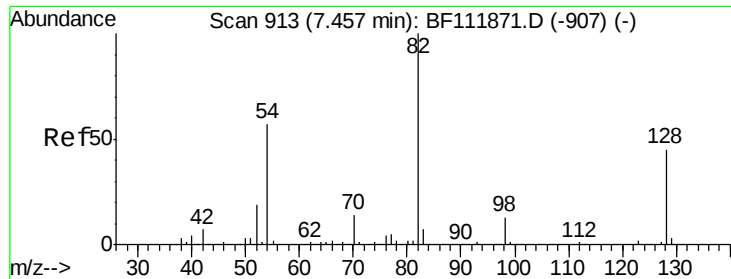
Ion 136.00 (135.70 to 136.70): E

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

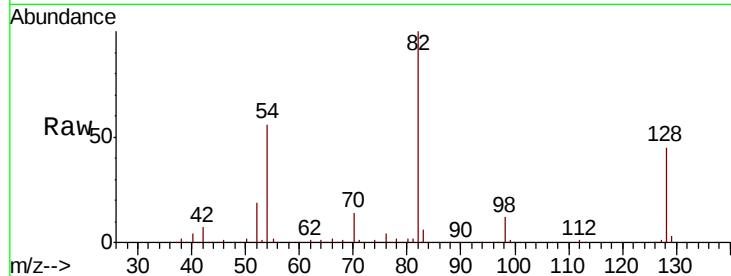




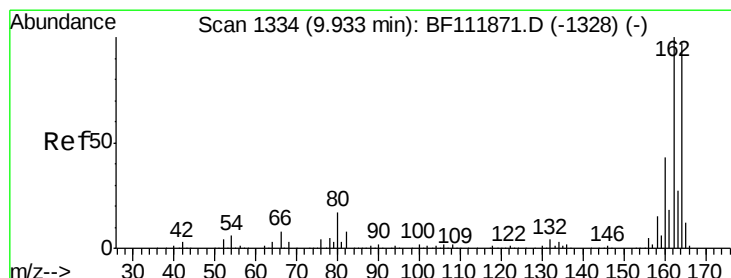
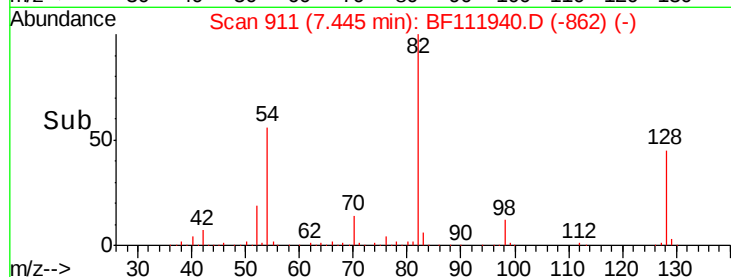
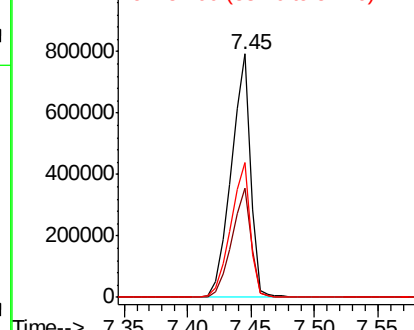
#23
 Nitrobenzene-d5
 Concen: 60.507 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BL

Tot Ion: 82 Resp: 833447
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.7 53.5
 54 55.6 45.8 68.8

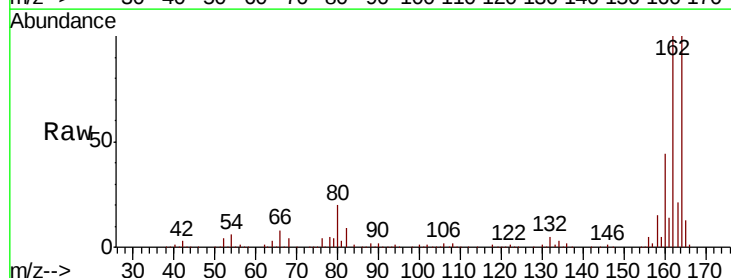


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

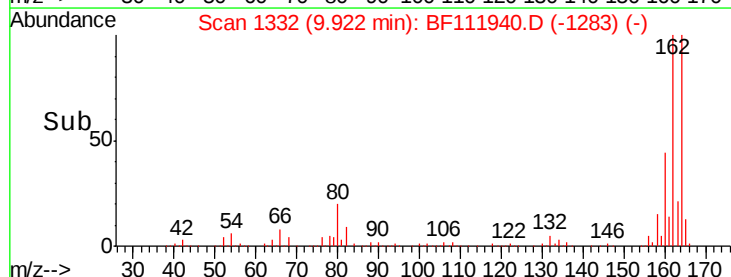
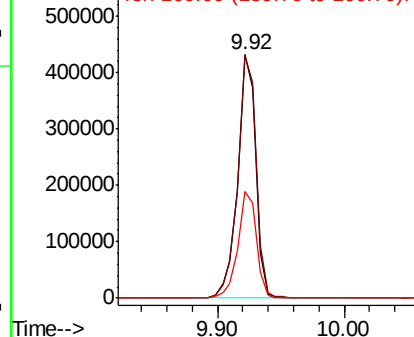


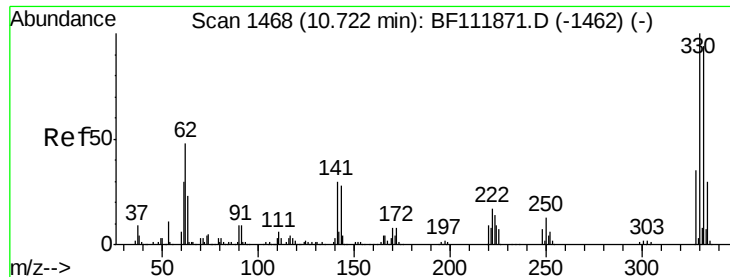
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Tgt Ion: 164 Resp: 416919
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.2 123.2
 160 43.6 35.5 53.3



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

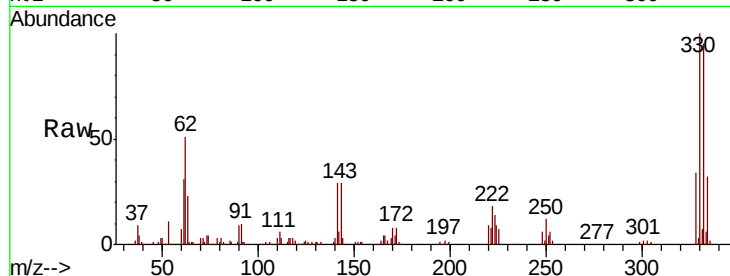




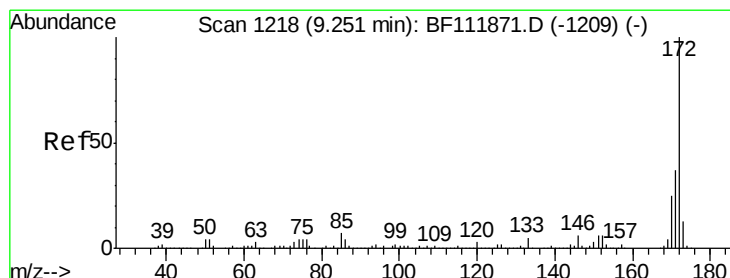
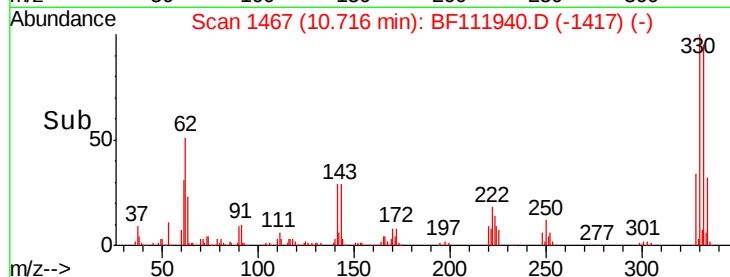
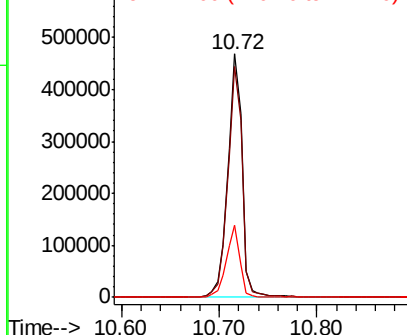
#42
 2,4,6-Tribromophenol
 Concen: 88.002 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BL

Tot Ion:330 Resp: 477224
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 28.1 23.7 35.5

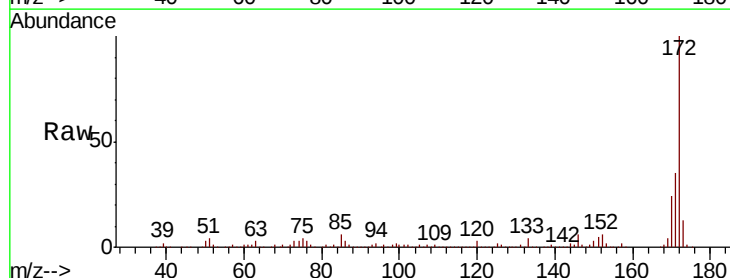


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

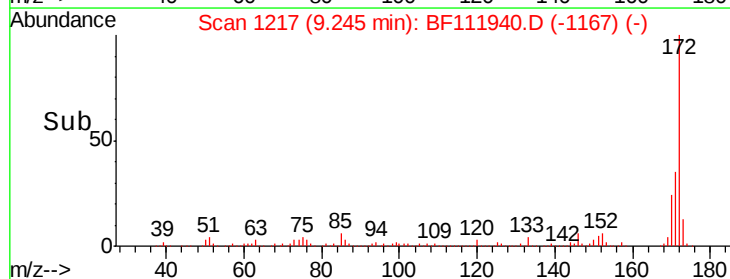
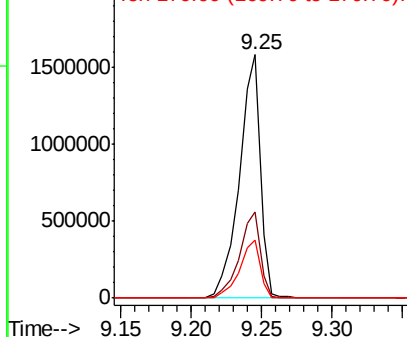


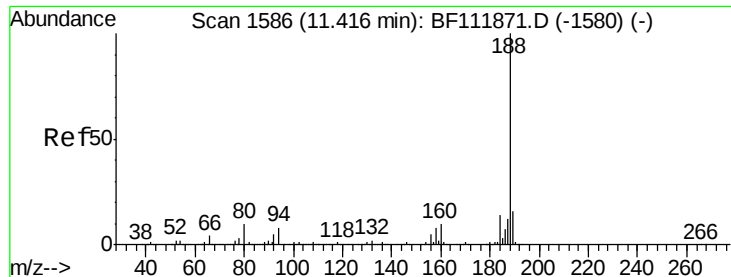
#45
 2-Fluorobiphenyl
 Concen: 57.248 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Tgt Ion:172 Resp: 1636805
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.6 19.8 29.8



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

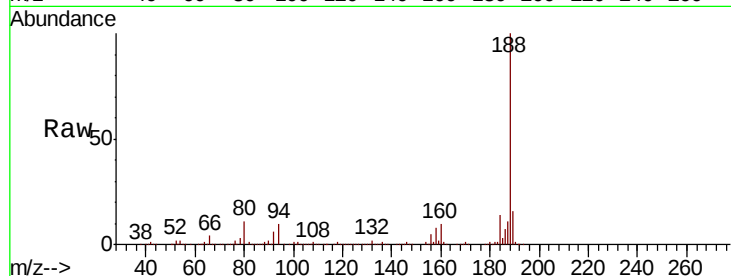




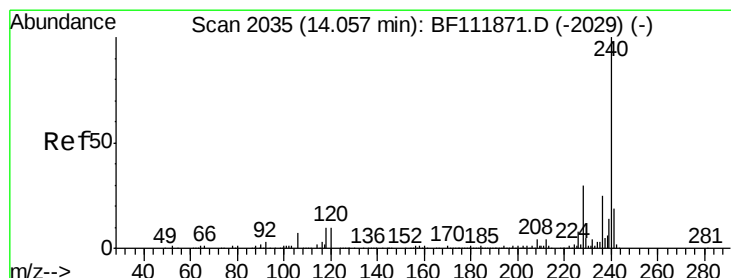
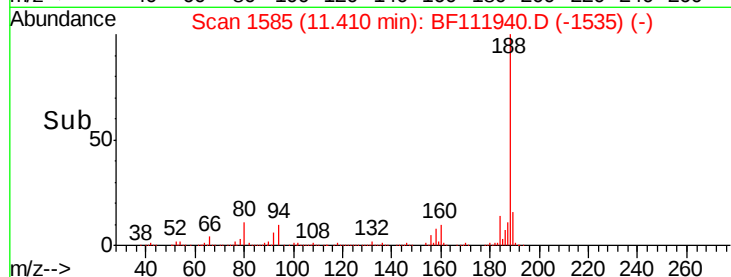
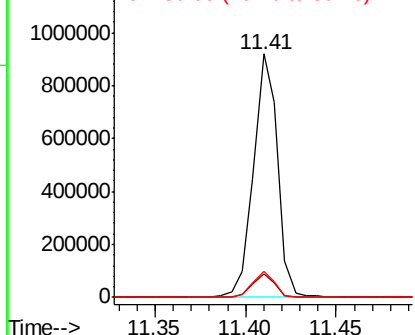
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Instrument :
BNA_F
ClientSampleId :
PB116192BL

Tot Ion:188 Resp: 848248
Ion Ratio Lower Upper
188 100
94 9.9 6.6 10.0
80 10.5 7.7 11.5

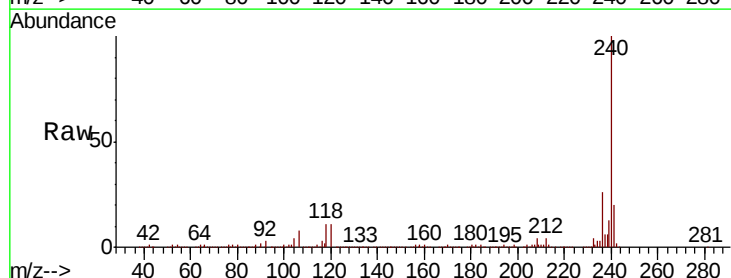


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

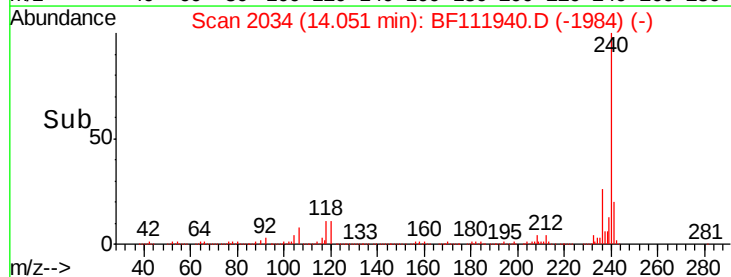
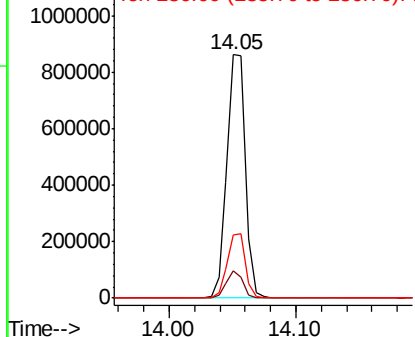


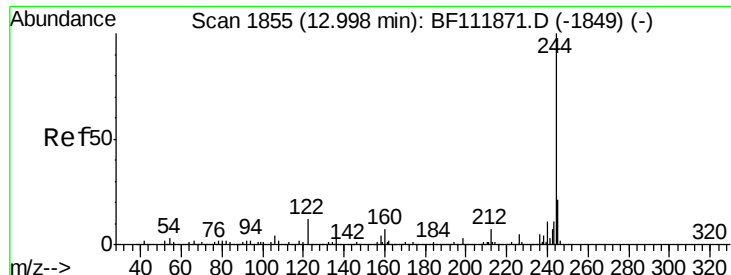
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Tgt Ion:240 Resp: 866745
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 25.8 20.2 30.4



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





#79

Terphenyl-d14

Concen: 44.251 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

Instrument :

BNA_F

ClientSampleId :

PB116192BL

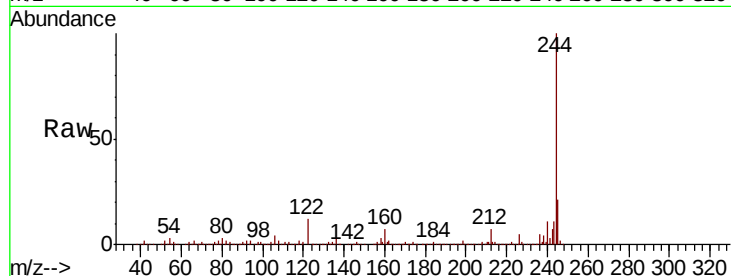
Tot Ion:244 Resp: 2020534

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

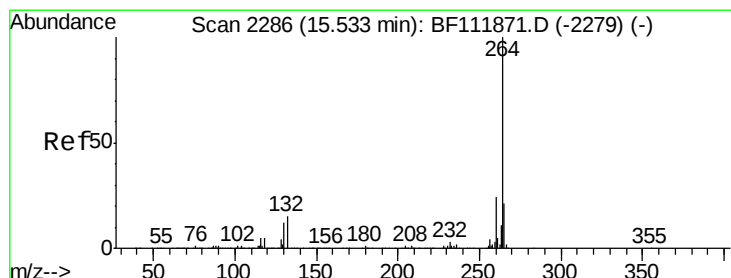
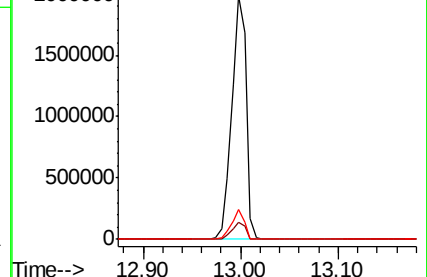
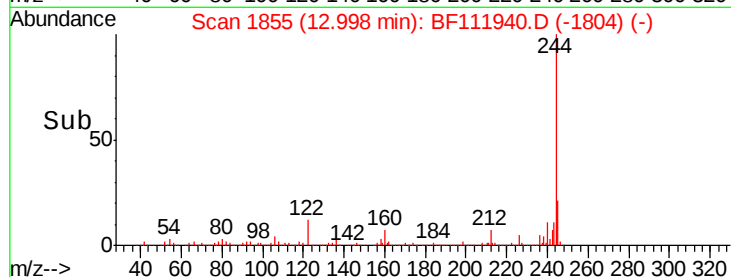
122 12.1 9.5 14.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

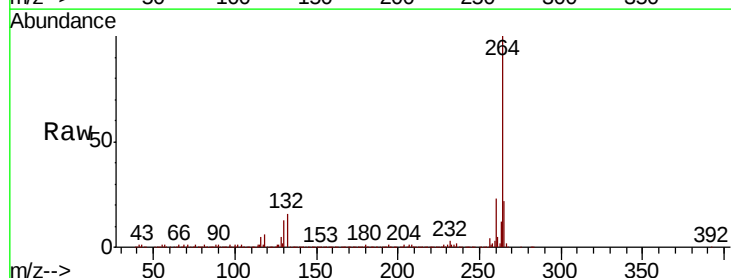
Tgt Ion:264 Resp: 736486

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.3 17.1 25.7



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

