

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111984.D
 Acq On : 10 Jan 2019 13:46
 Operator : JU/SJ
 Sample : PB116203BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BL

Quant Time: Jan 11 01:03:24 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	6.87	152	134708	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	596542	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	314972	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	633544	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	528227	20.00	ng	-0.02
87) Perylene-d12	15.52	264	383127	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	952336	120.95	ng	0.00
7) Phenol-d6	6.52	99	1091275	107.53	ng	-0.02
23) Nitrobenzene-d5	7.43	82	730009	65.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	412084	100.59	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1646743	76.24	ng	-0.02
79) Terphenyl-d14	12.99	244	1927715	69.27	ng	-0.01

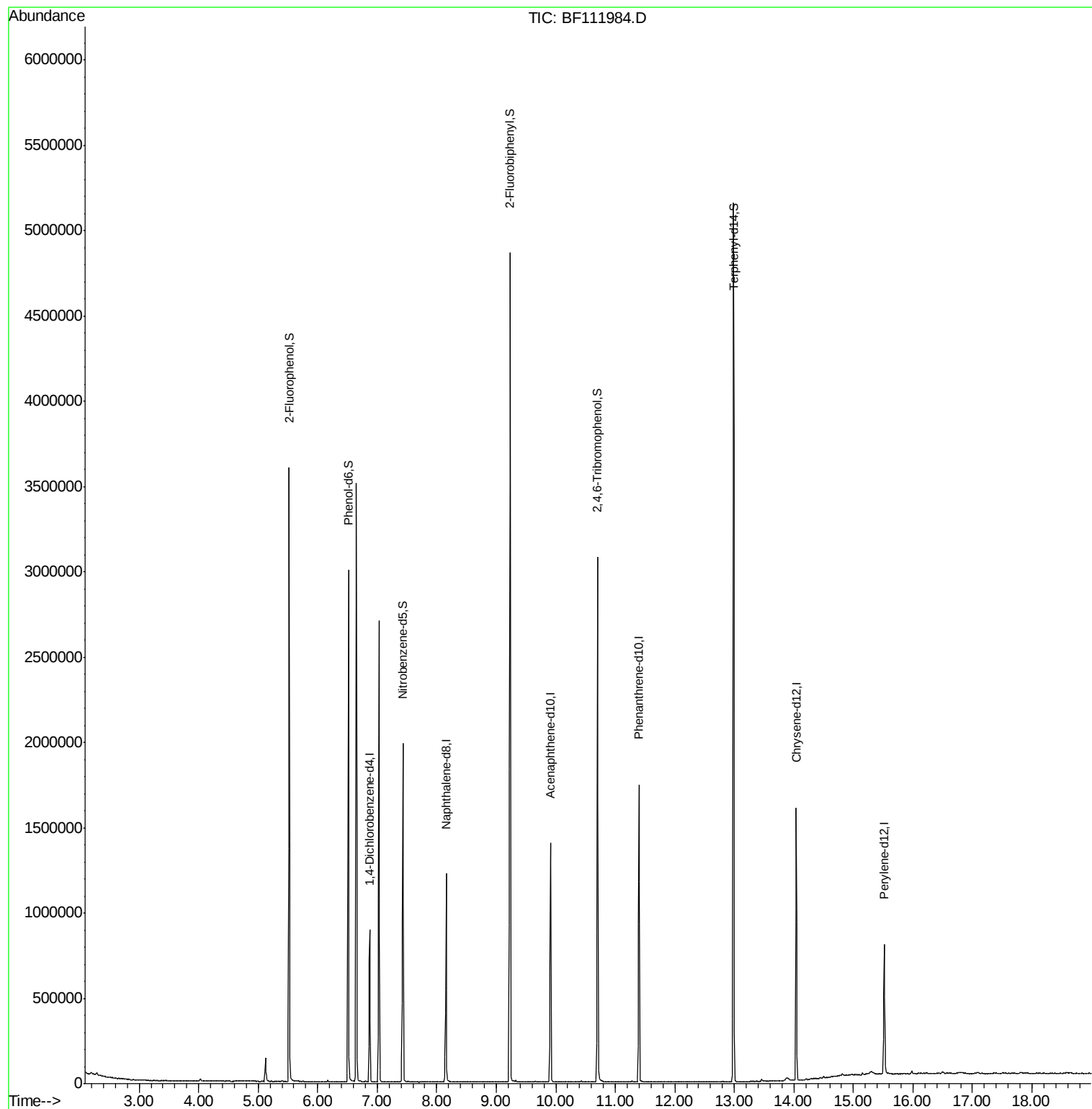
Target Compounds Qvalue

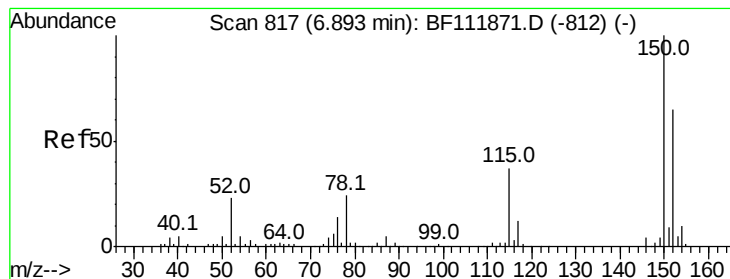
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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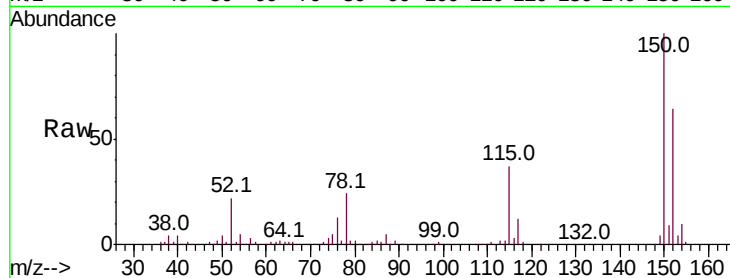


#1

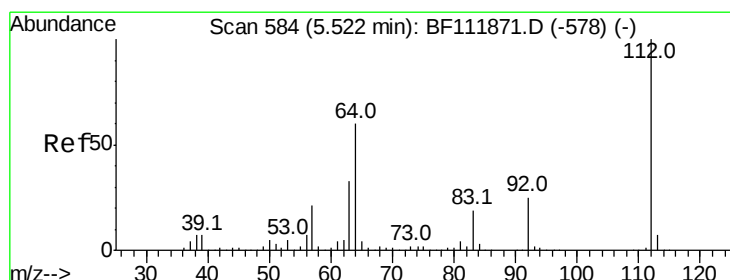
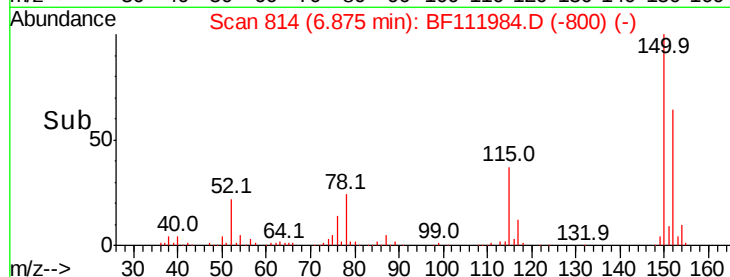
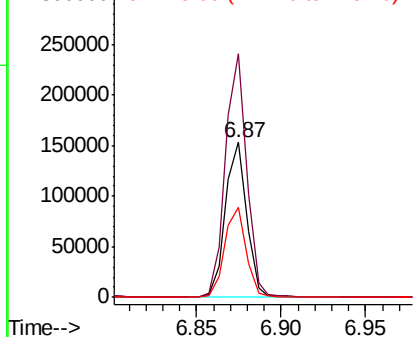
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB116203BL

Tot Ion:152 Resp: 134708
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 58.0 45.2 67.8



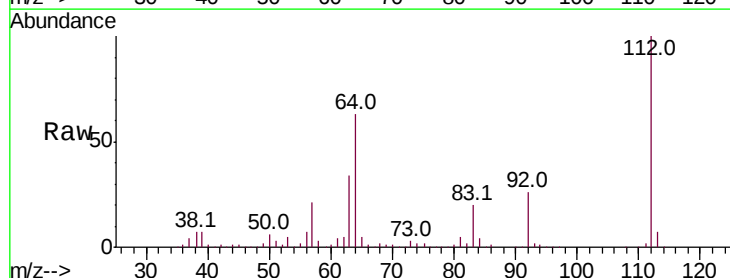
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



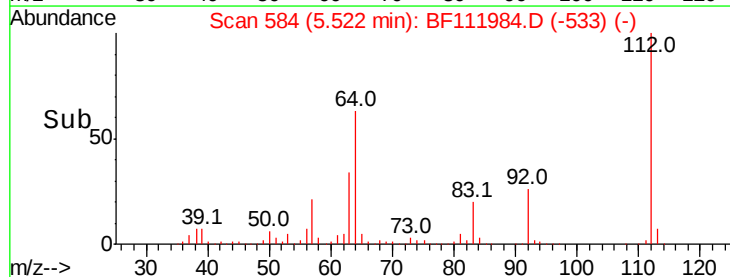
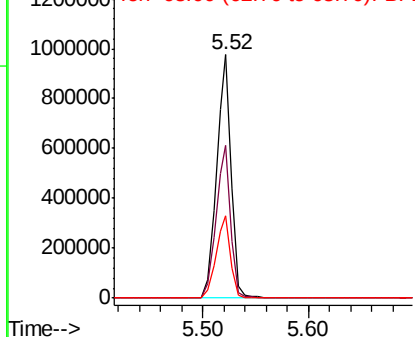
#5

2-Fluorophenol
Concen: 120.948 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Tgt Ion:112 Resp: 952336
Ion Ratio Lower Upper
112 100
64 62.9 48.3 72.5
63 34.0 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: 107.530 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB116203BL

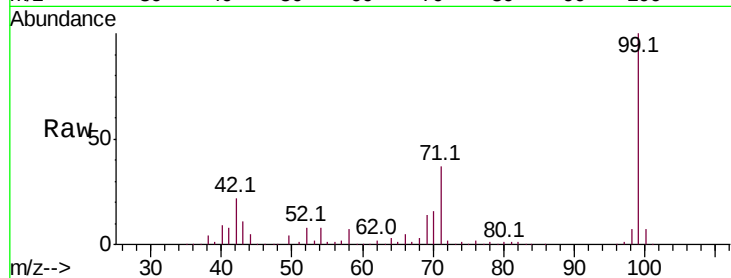
Tot Ion: 99 Resp: 1091275

Ion Ratio Lower Upper

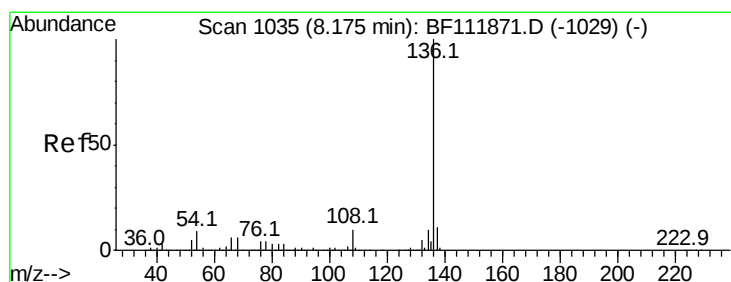
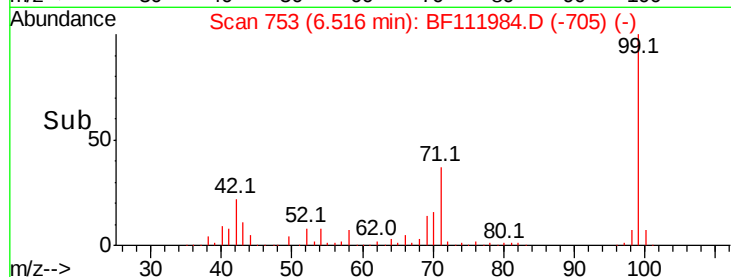
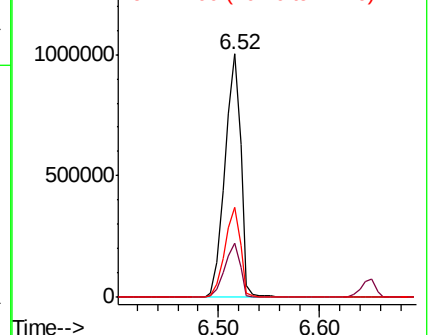
99 100

42 22.0 17.9 26.9

71 37.0 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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Tgt Ion: 136 Resp: 596542

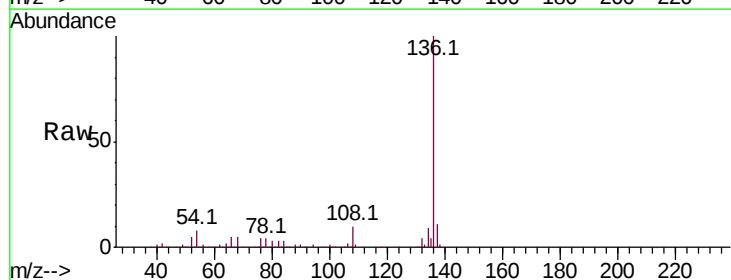
Ion Ratio Lower Upper

136 100

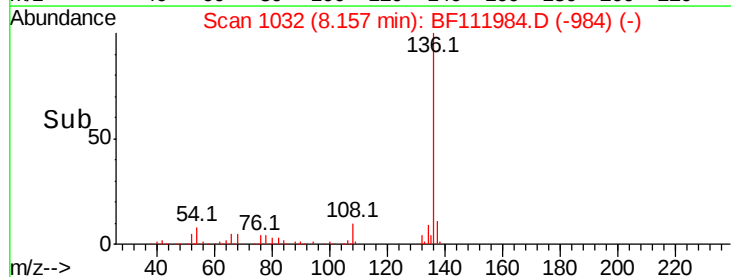
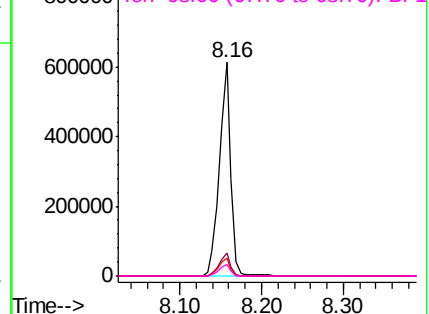
137 10.7 9.1 13.7

54 8.4 7.2 10.8

68 5.3 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

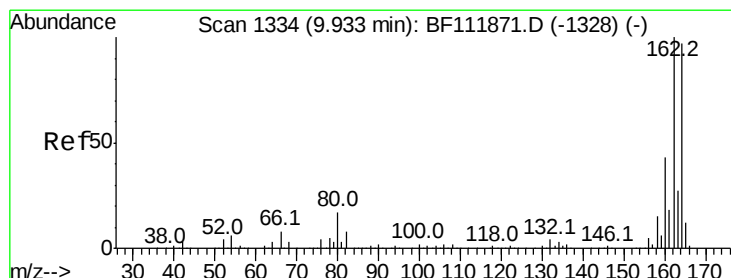
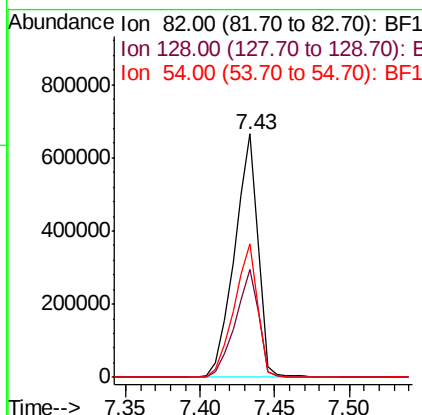
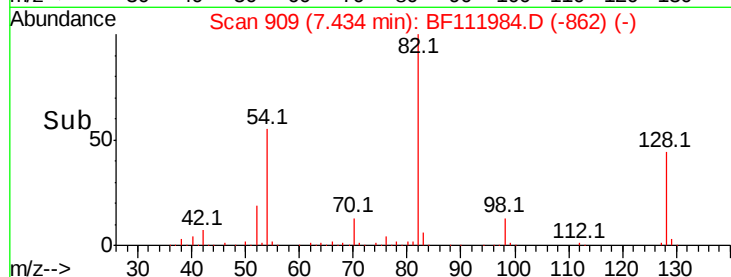
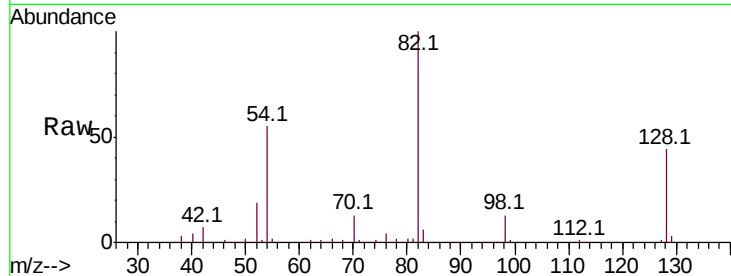




#23
Nitrobenzene-d5
Concen: 65.403 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

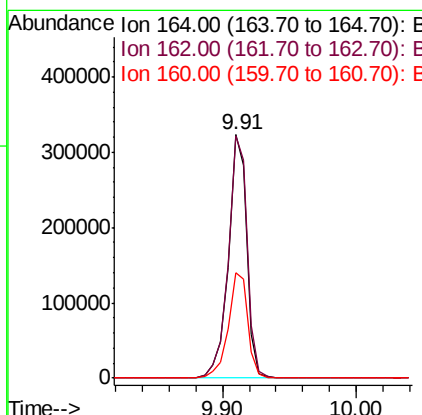
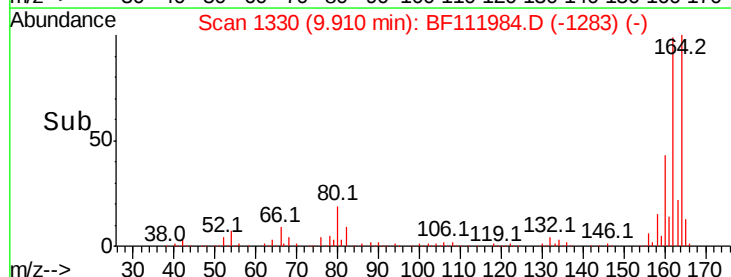
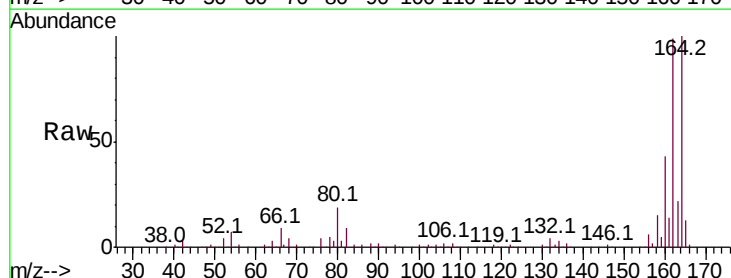
Instrument :
BNA_F
ClientSampleId :
PB116203BL

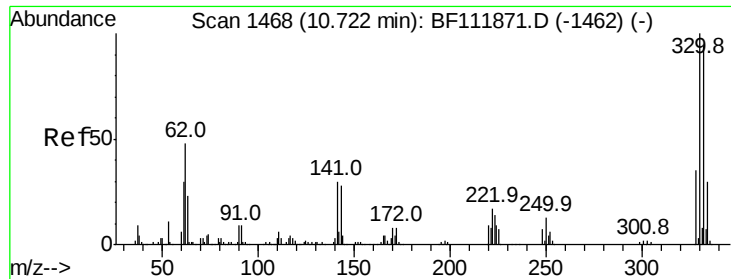
Tot Ion: 82 Resp: 730009
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 55.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Tgt Ion:164 Resp: 314972
Ion Ratio Lower Upper
164 100
162 99.3 82.2 123.2
160 43.1 35.5 53.3

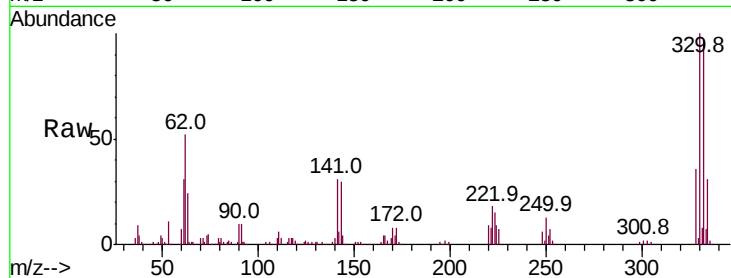




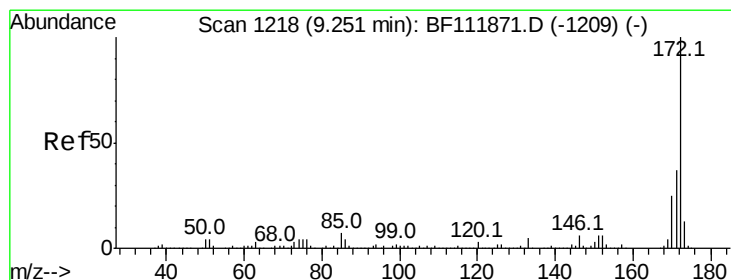
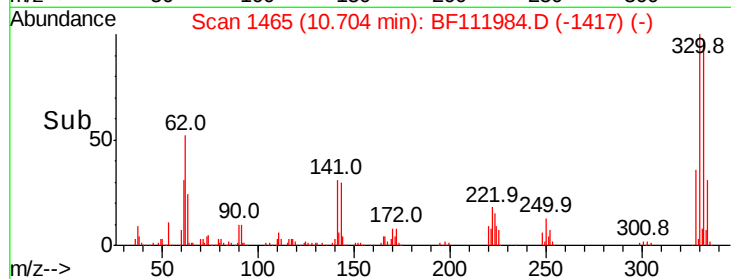
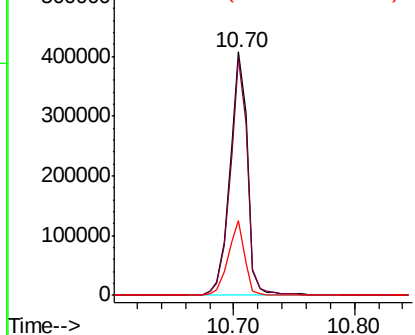
#42
 2,4,6-Tribromophenol
 Concen: 100.586 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111984.D
 Acq: 10 Jan 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	29.2	23.7	35.5

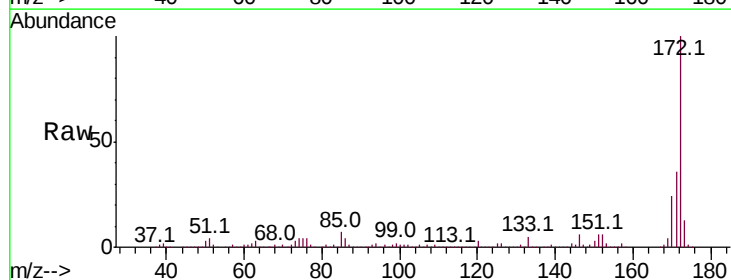


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

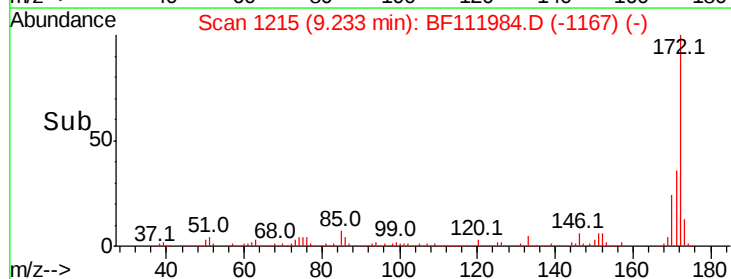
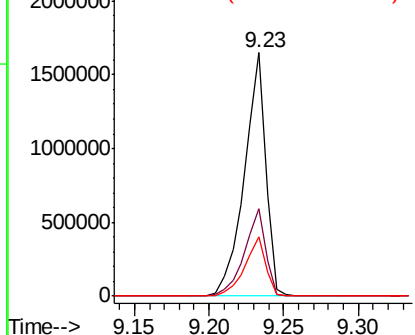


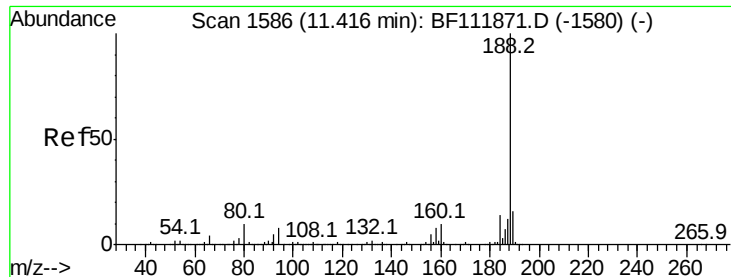
#45
 2-Fluorobiphenyl
 Concen: 76.238 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111984.D
 Acq: 10 Jan 2019 13:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	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

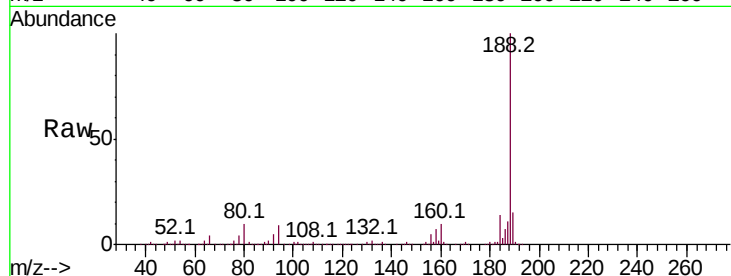




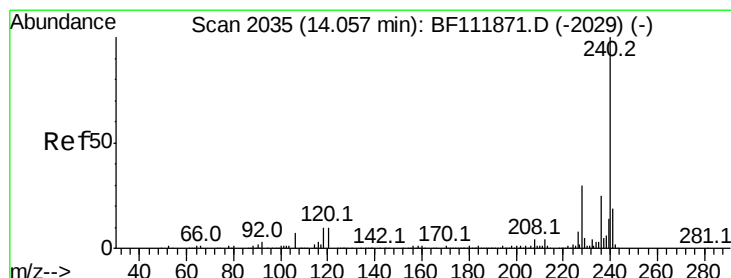
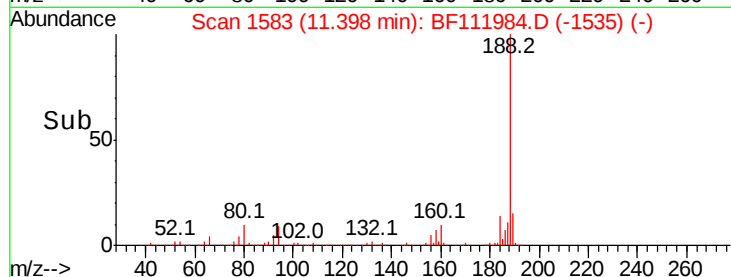
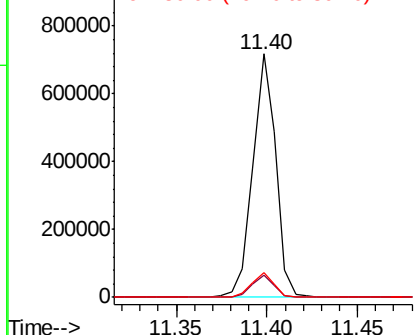
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB116203BL

Tot Ion:188 Resp: 633544
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 10.2 7.7 11.5

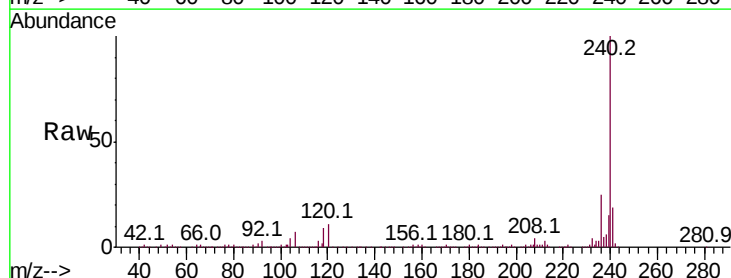


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

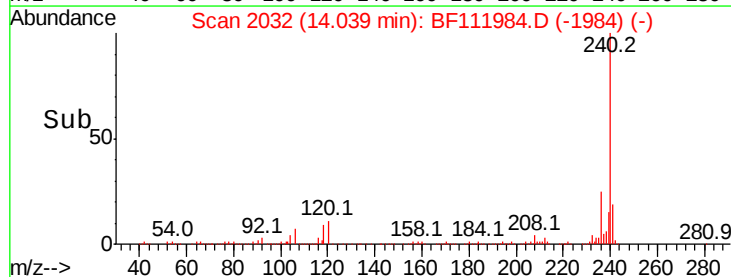
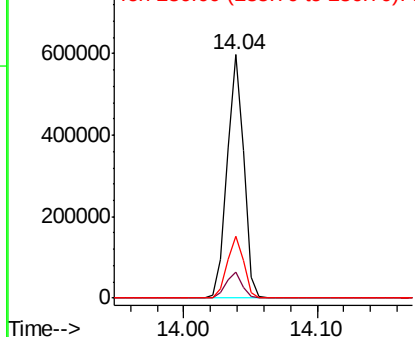


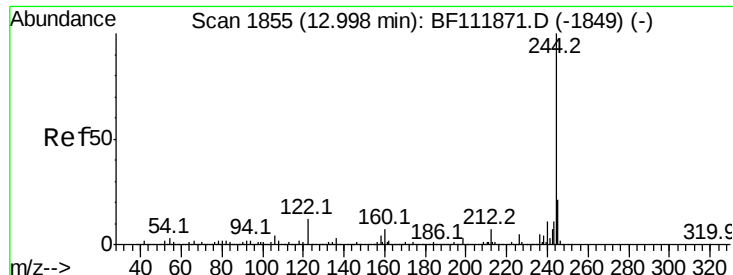
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Tgt Ion:240 Resp: 528227
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.4 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



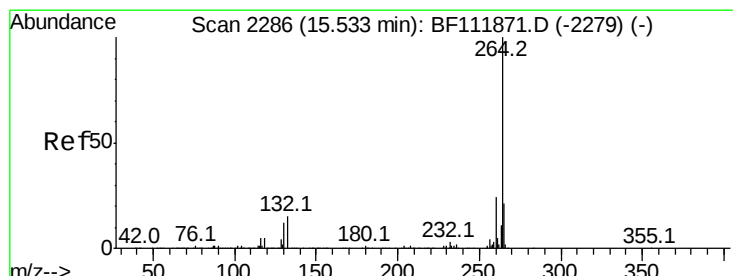
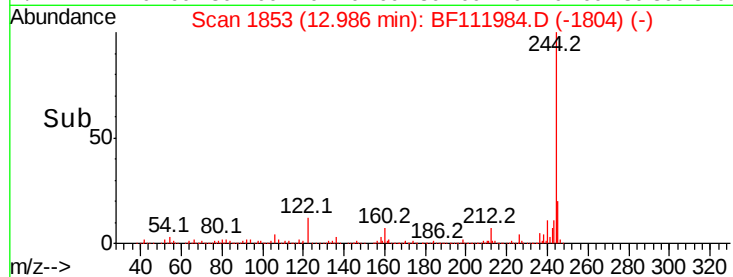
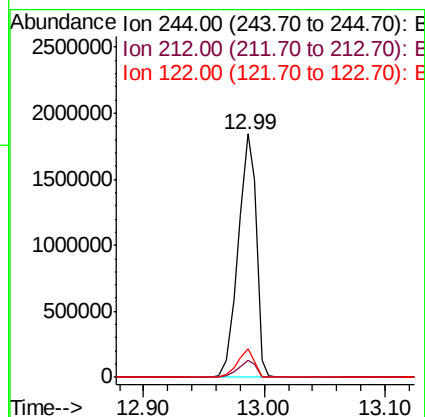
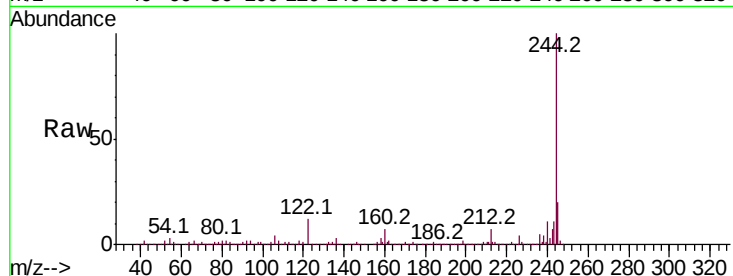


#79
 Terphenyl-d14
 Concen: 69.274 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF111984.D
 Acq: 10 Jan 2019 13:46

Instrument :
 BNA_F
 ClientSampleID :
 PB116203BL

Tot Ion:244 Resp: 1927715

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.8	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF111984.D
 Acq: 10 Jan 2019 13:46

Tgt Ion:264 Resp: 383127

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.1	25.7

