

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111928.D
 Acq On : 9 Jan 2019 00:50
 Operator : JU/SJ
 Sample : K1075-09 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5

Quant Time: Jan 09 01:57:56 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	154715	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	463077	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	202586	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	392243	20.00	ng	0.00
76) Chrysene-d12	14.06	240	293513	20.00	ng	0.00
87) Perylene-d12	15.54	264	240653	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	172154	19.04	ng	0.00
7) Phenol-d6	6.52	99	208692	17.90	ng	-0.01
23) Nitrobenzene-d5	7.44	82	106542	12.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	41352	15.69	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	180031	12.96	ng	-0.01
79) Terphenyl-d14	12.99	244	176199	11.40	ng	0.00

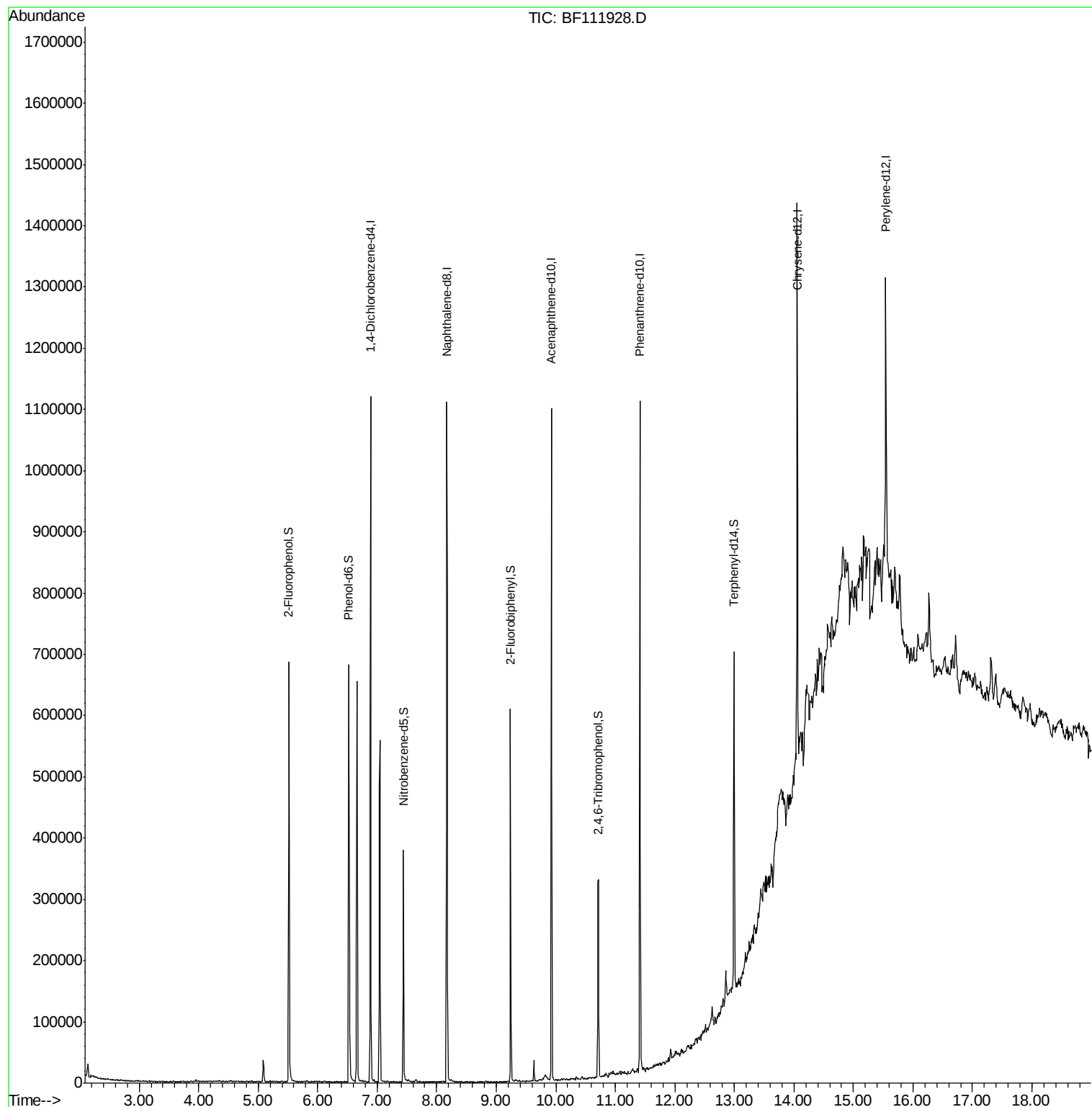
Target Compounds Qvalue

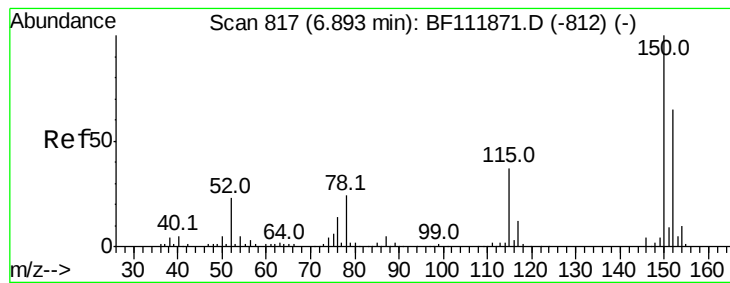
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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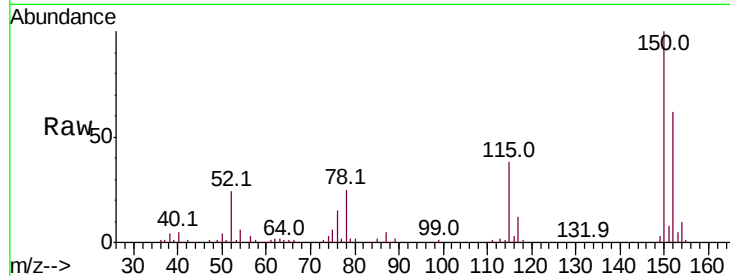


#1

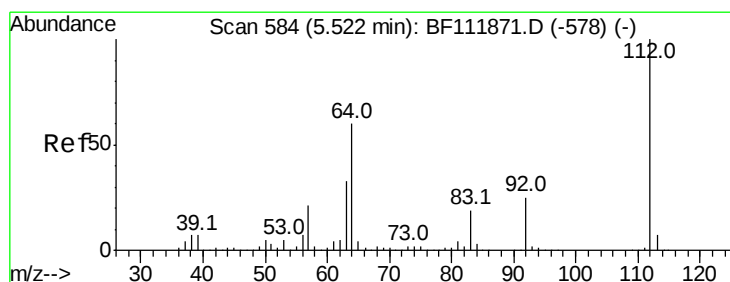
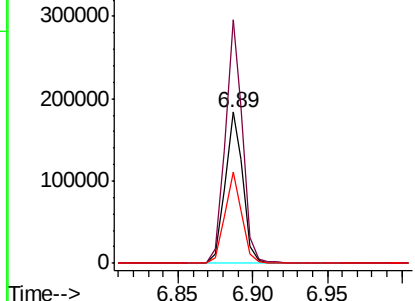
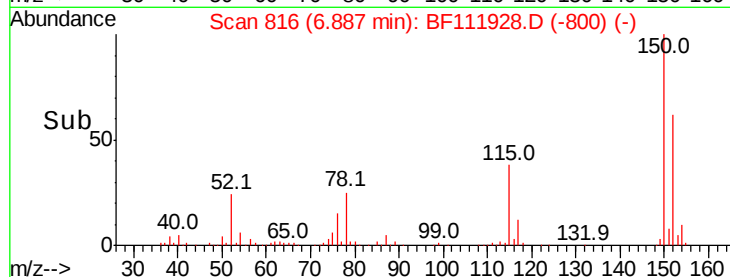
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5

Tot Ion:152 Resp: 154715
 Ion Ratio Lower Upper
 152 100
 150 160.9 122.7 184.1
 115 60.6 45.2 67.8



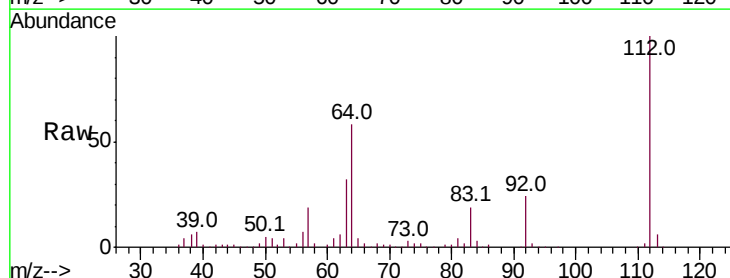
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



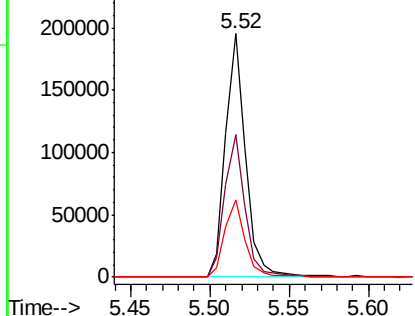
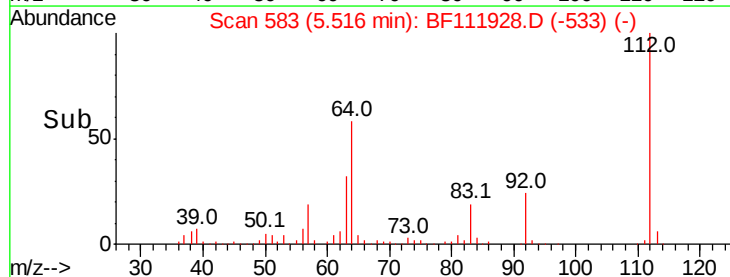
#5

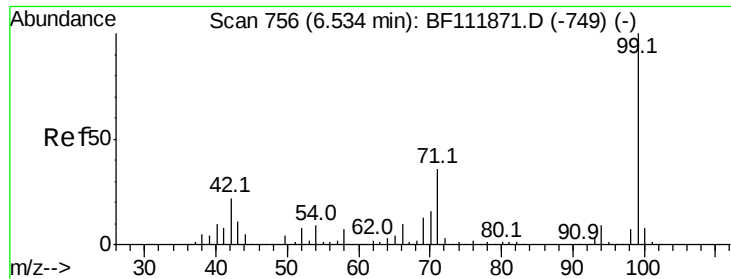
2-Fluorophenol
 Concen: 19.037 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Tgt Ion:112 Resp: 172154
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.3 72.5
 63 31.7 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: 17.905 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111928.D

Acq: 9 Jan 2019 00:50

Instrument :

BNA_F

ClientSampleId :

BASIN-5

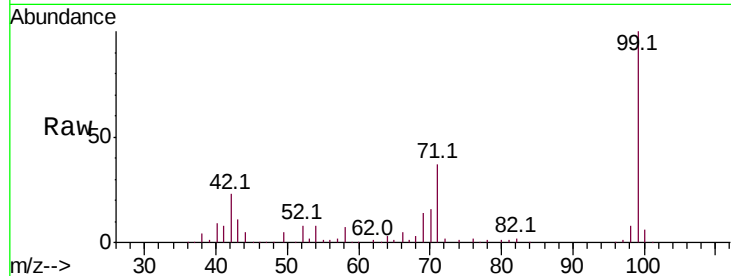
Tot Ion: 99 Resp: 208692

Ion Ratio Lower Upper

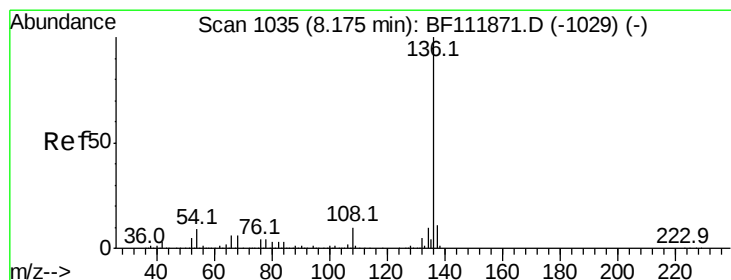
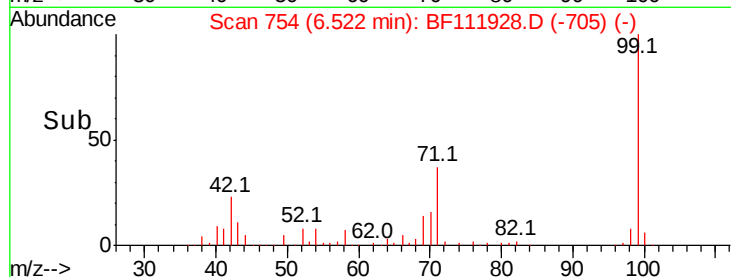
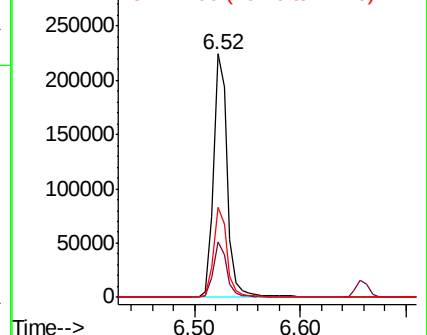
99 100

42 23.0 17.9 26.9

71 37.1 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: BF111928.D

Acq: 9 Jan 2019 00:50

Tgt Ion: 136 Resp: 463077

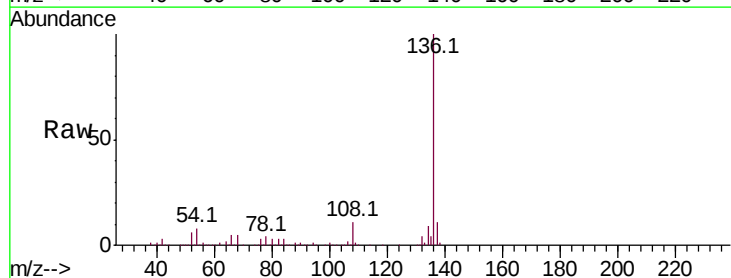
Ion Ratio Lower Upper

136 100

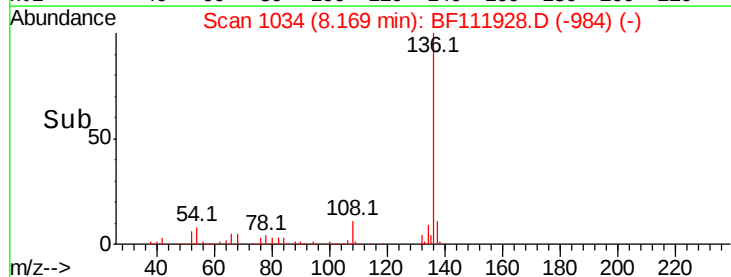
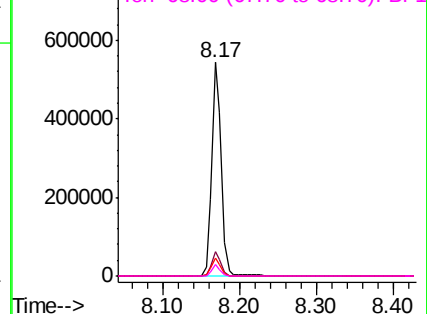
137 11.4 9.1 13.7

54 8.4 7.2 10.8

68 5.2 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

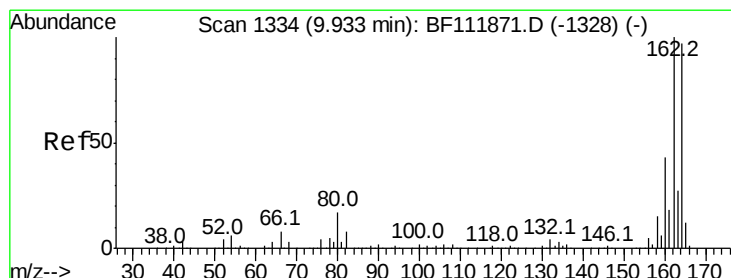
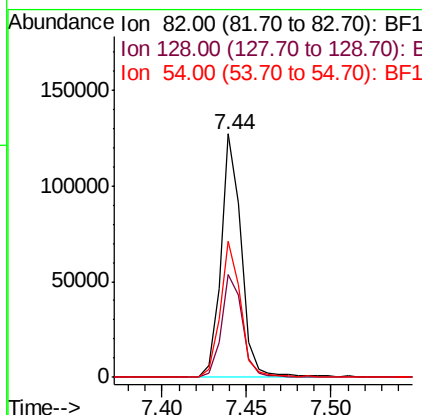
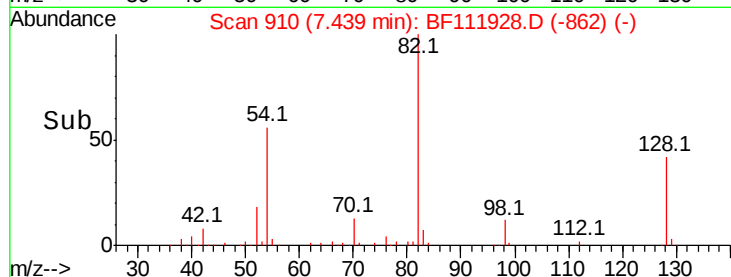
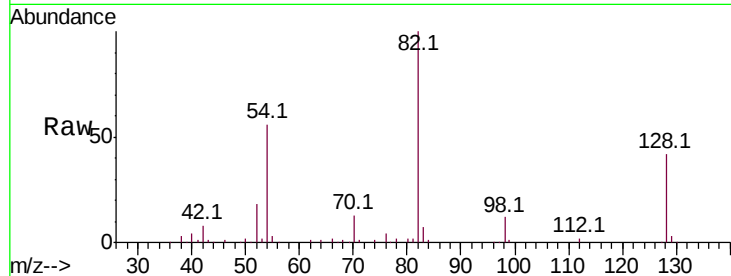




#23
Nitrobenzene-d5
Concen: 12.296 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

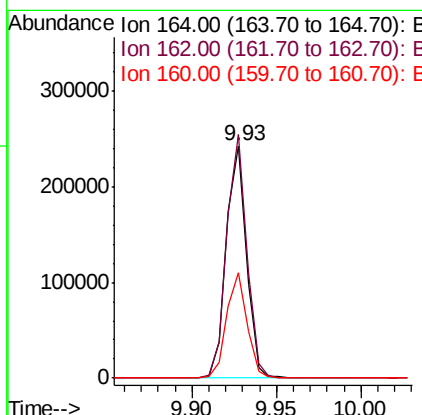
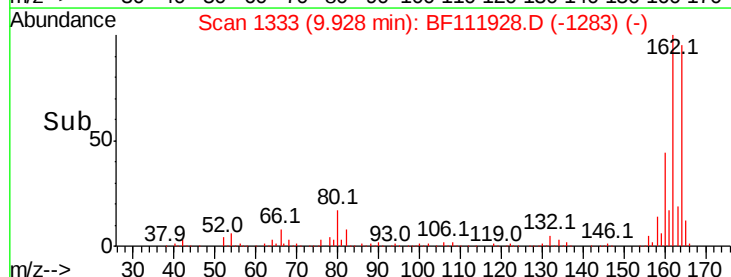
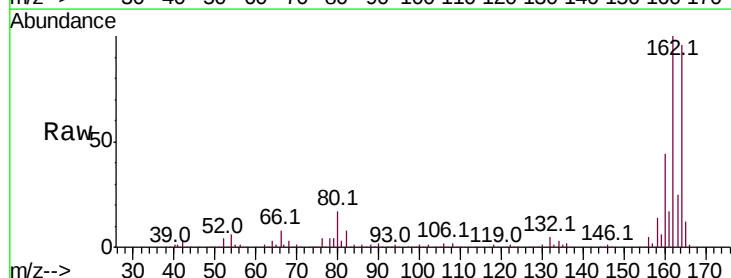
Instrument :
BNA_F
ClientSampleId :
BASIN-5

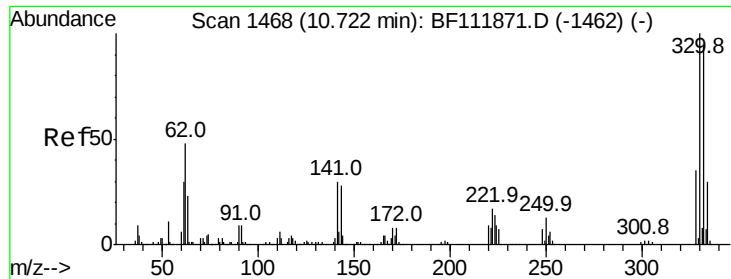
Tot Ion: 82 Resp: 106542
Ion Ratio Lower Upper
82 100
128 42.1 35.7 53.5
54 55.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:164 Resp: 202586
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.2
160 45.6 35.5 53.3

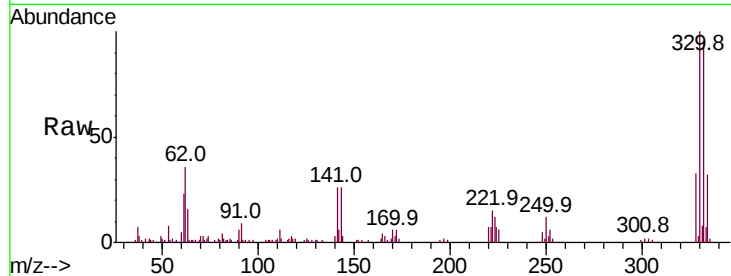




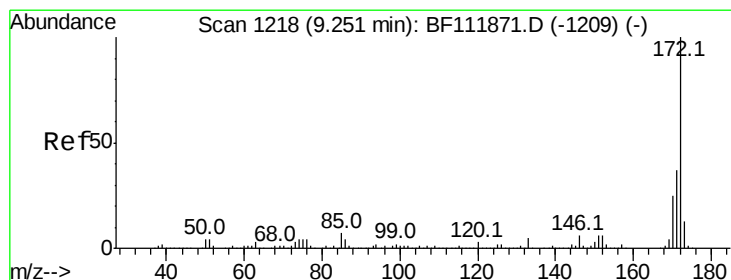
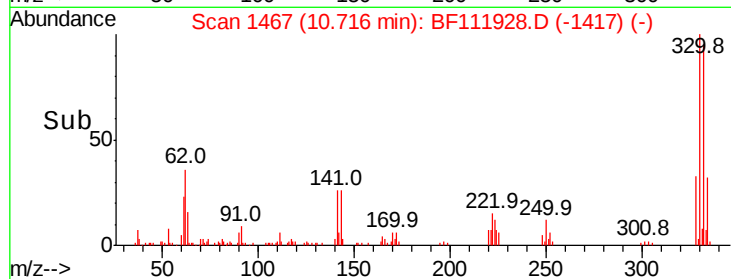
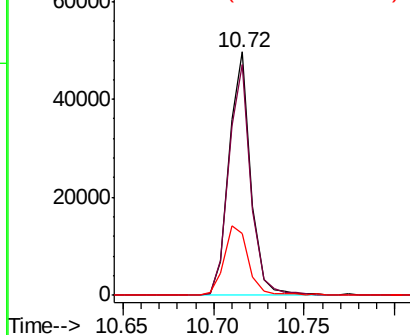
#42
 2,4,6-Tribromophenol
 Concen: 15.693 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	32.3	23.7	35.5

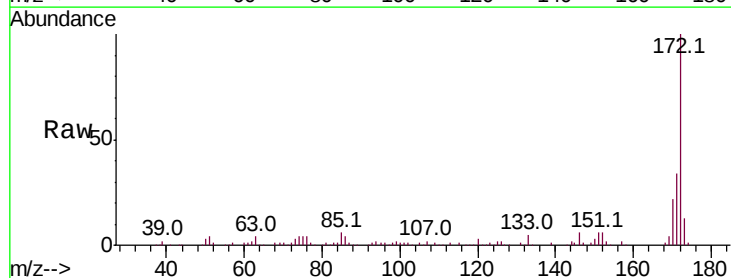


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

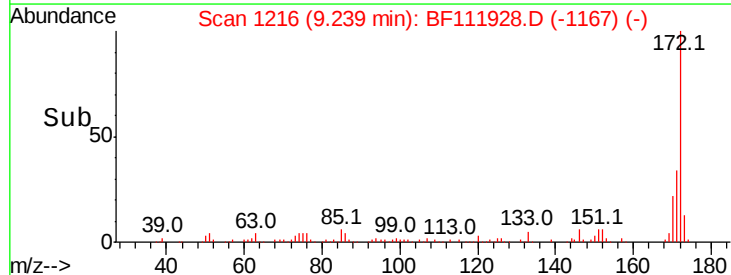
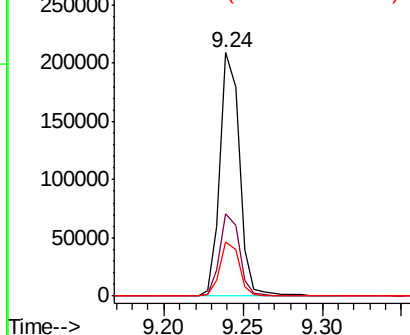


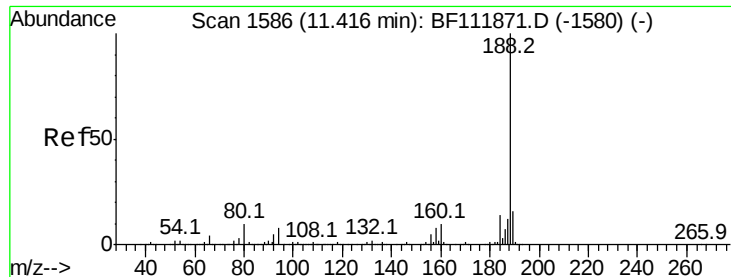
#45
 2-Fluorobiphenyl
 Concen: 12.959 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	22.3	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

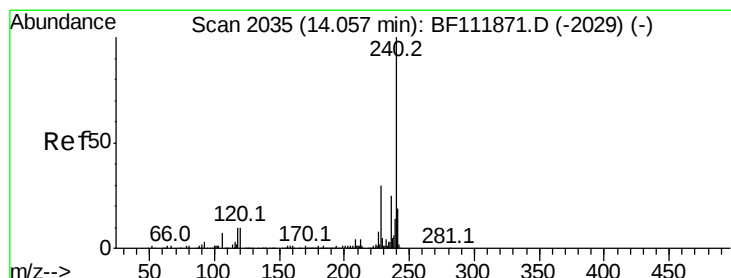
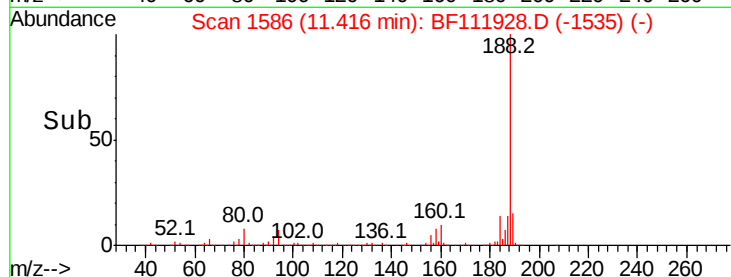
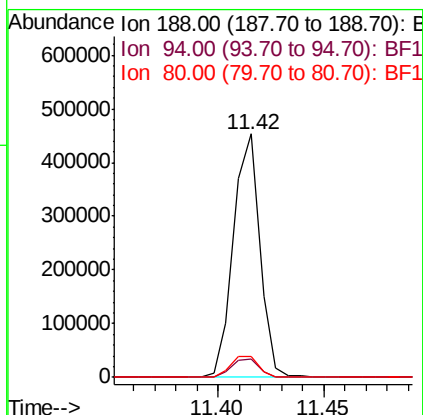
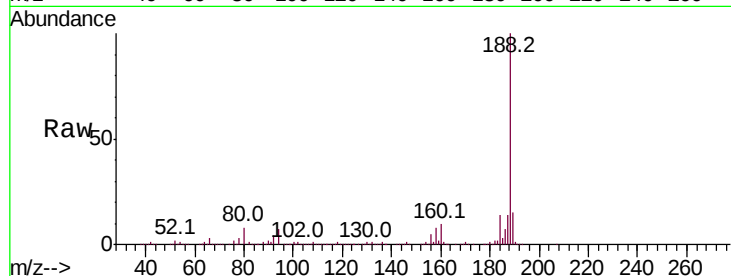




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

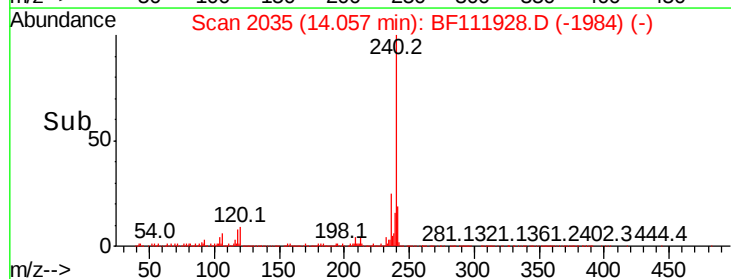
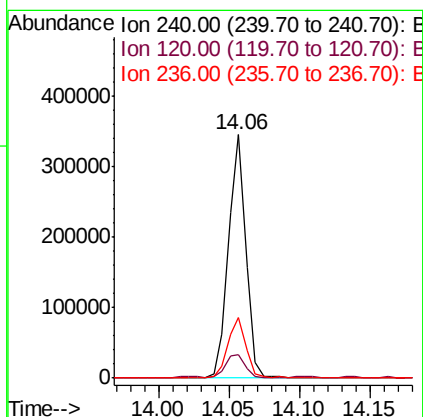
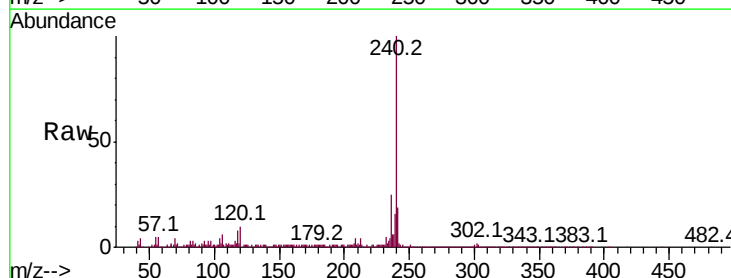
Instrument :
BNA_F
ClientSampleId :
BASIN-5

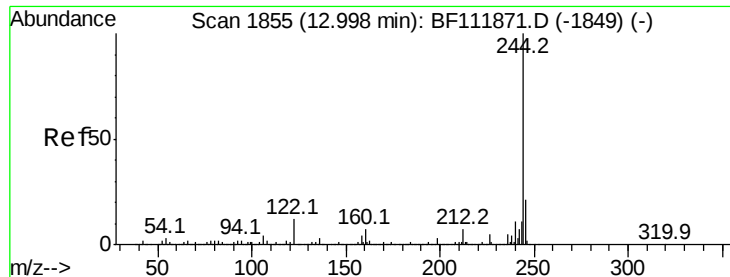
Tot Ion:188 Resp: 392243
Ion Ratio Lower Upper
188 100
94 7.4 6.6 10.0
80 8.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:240 Resp: 293513
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.1 20.2 30.4





#79

Terphenyl-d14

Concen: 11.395 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111928.D

Acq: 9 Jan 2019 00:50

Instrument :

BNA_F

ClientSampled :

BASIN-5

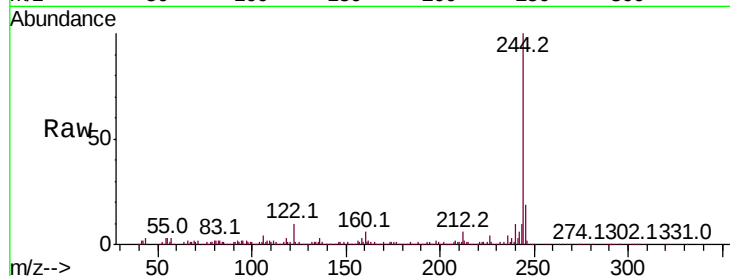
Tot Ion:244 Resp: 176199

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

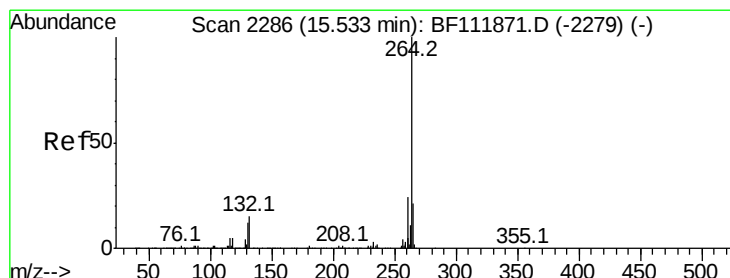
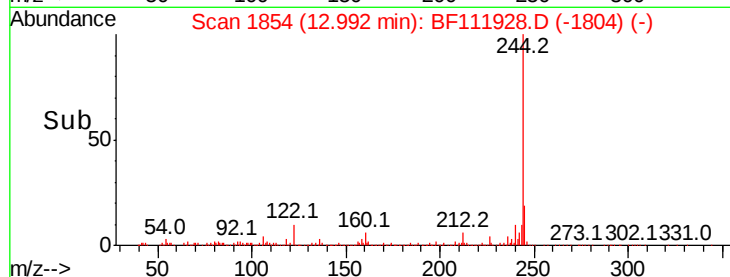
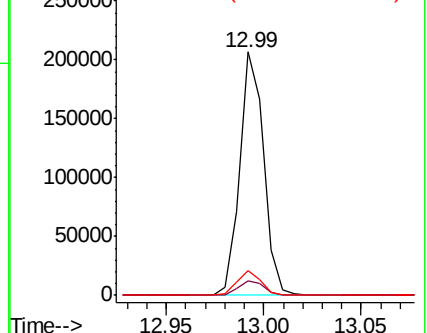
122 10.2 9.5 14.3



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# 2288

Delta R.T. 0.01 min

Lab File: BF111928.D

Acq: 9 Jan 2019 00:50

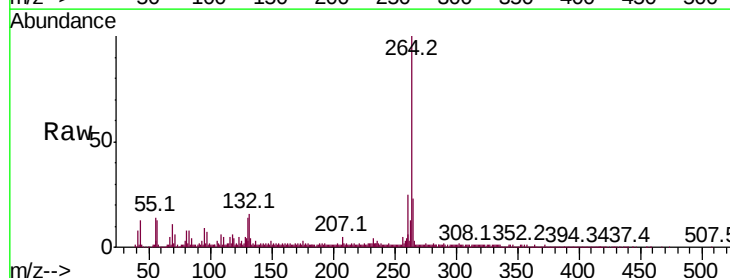
Tgt Ion:264 Resp: 240653

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 23.1 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

