

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111362.D
 Acq On : 13 Dec 2018 11:17
 Operator : JU/SJ
 Sample : J6334-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-121018

Quant Time: Dec 13 13:25:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	181039	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	750752	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	391526	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	690438	20.00	ng	0.00
76) Chrysene-d12	13.96	240	441197	20.00	ng	0.00
87) Perylene-d12	15.40	264	415387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	737786	68.91	ng	0.00
7) Phenol-d6	6.42	99	612692	42.45	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1277707	95.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	494252	143.21	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2281437	93.55	ng	0.00
79) Terphenyl-d14	12.90	244	1971301	98.34	ng	0.00

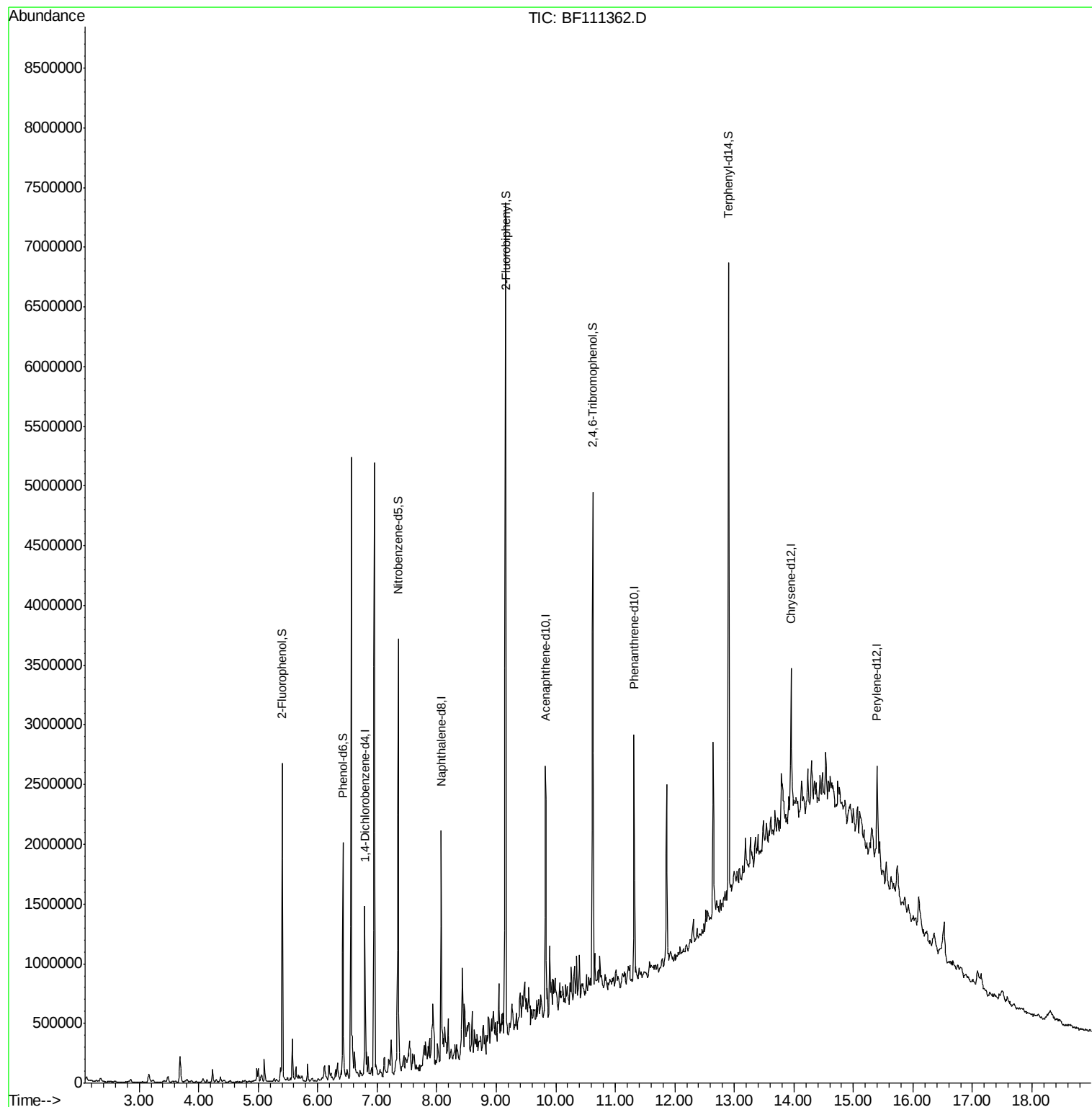
Target Compounds Qvalue

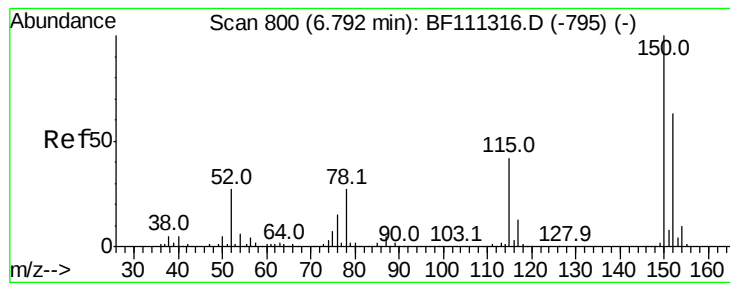
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

Instrument :

BNA_F

ClientSampleId :

B1-121018

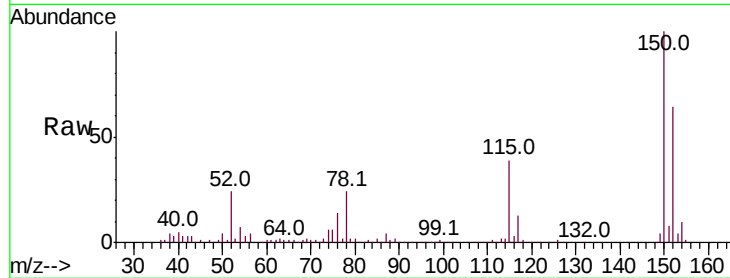
Tot Ion:152 Resp: 181039

Ion Ratio Lower Upper

152 100

150 156.1 126.6 189.8

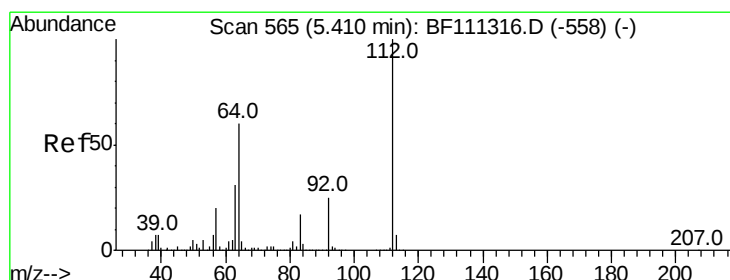
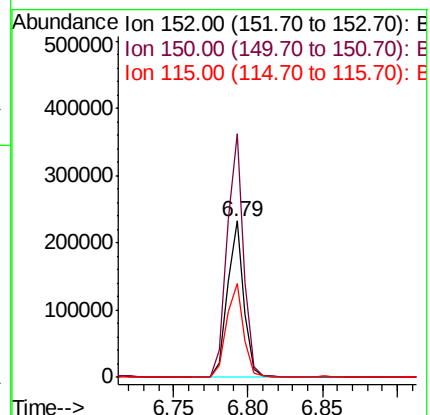
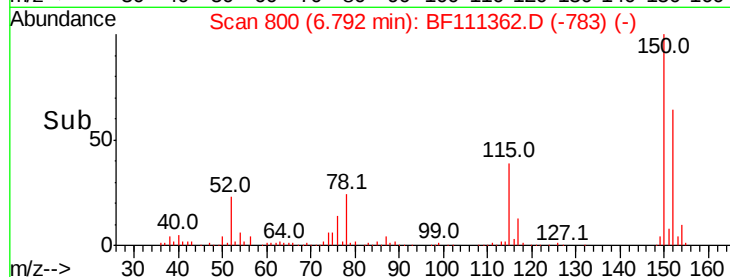
115 60.4 50.7 76.1



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: 68.914 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

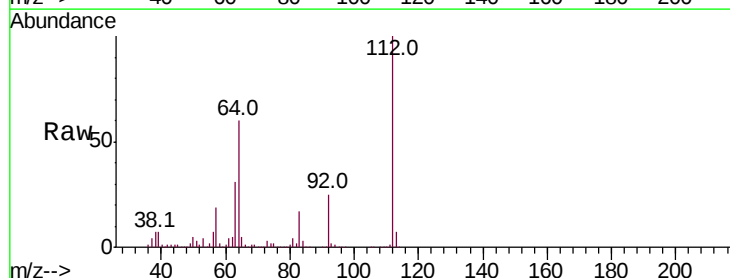
Tgt Ion:112 Resp: 737786

Ion Ratio Lower Upper

112 100

64 59.9 51.8 77.6

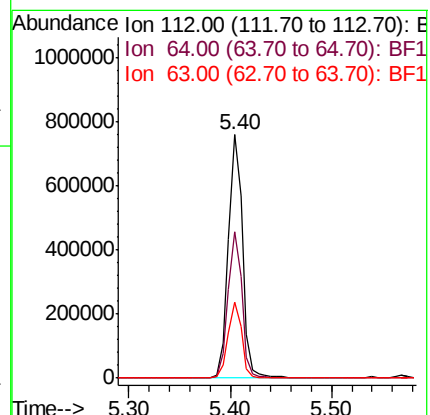
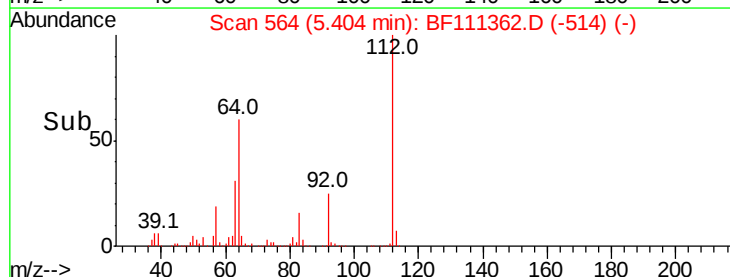
63 31.0 26.8 40.2



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: 42.447 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

Instrument :

BNA_F

ClientSampleId :

B1-121018

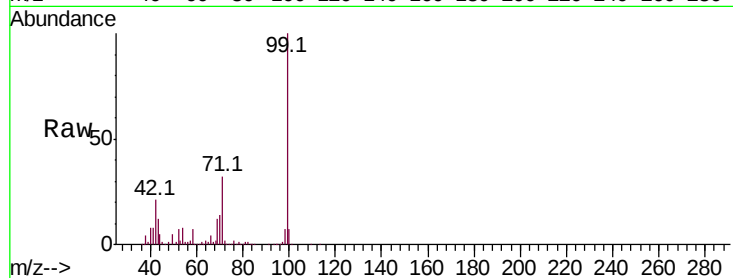
Tot Ion: 99 Resp: 612692

Ion Ratio Lower Upper

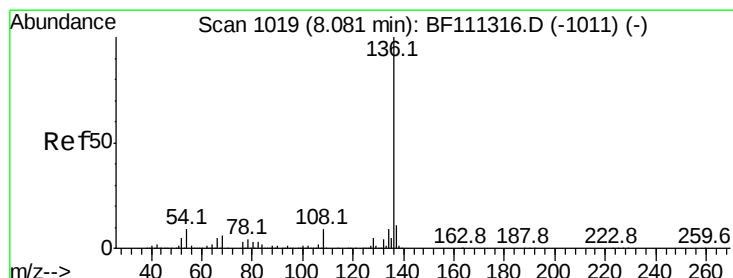
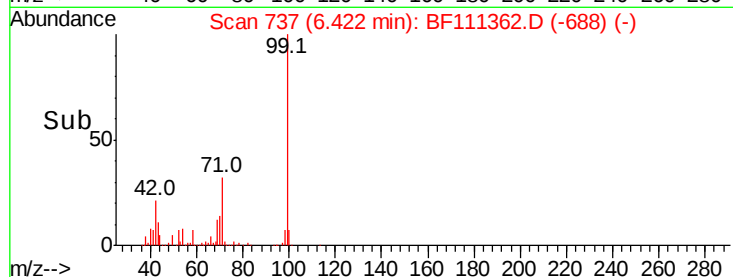
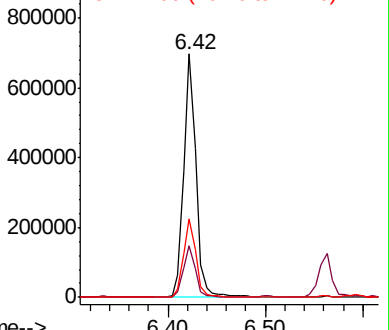
99 100

42 21.4 17.4 26.0

71 32.5 26.1 39.1



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

Tgt Ion: 136 Resp: 750752

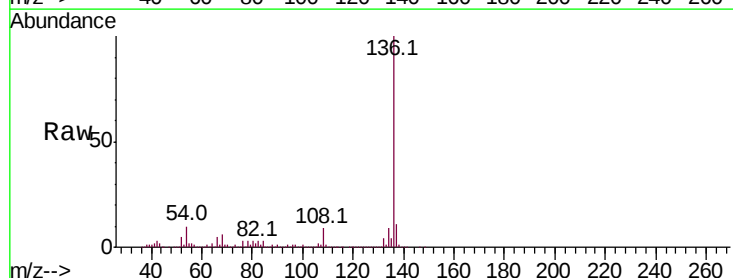
Ion Ratio Lower Upper

136 100

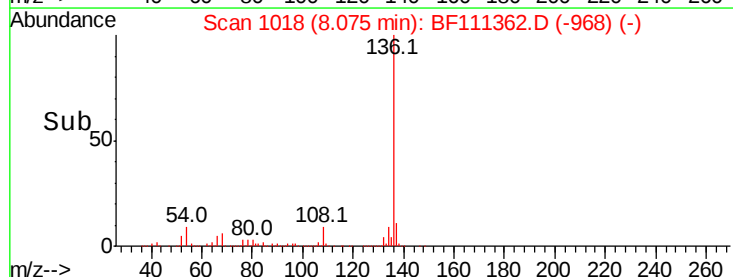
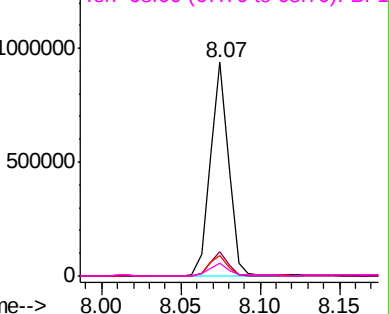
137 11.2 9.1 13.7

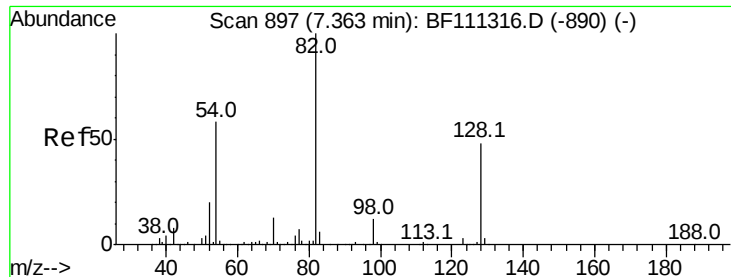
54 9.9 7.7 11.5

68 6.2 4.9 7.3



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



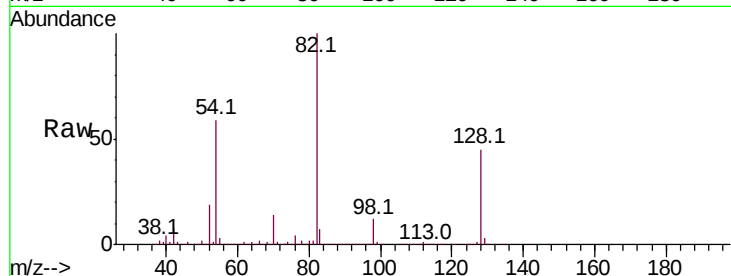


#23
 Nitrobenzene-d5
 Concen: 95.925 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111362.D
 Acq: 13 Dec 2018 11:17

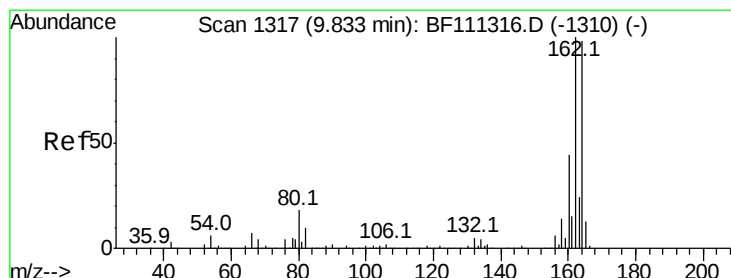
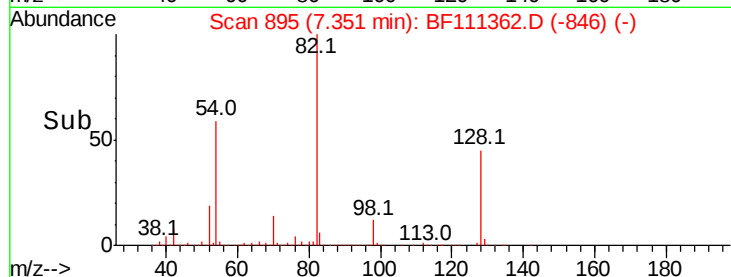
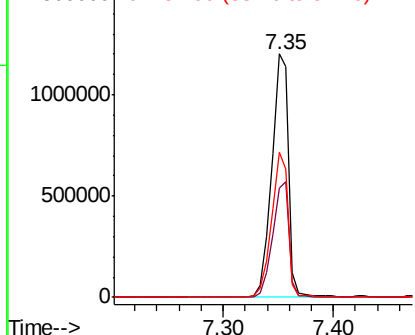
Instrument :
 BNA_F
 ClientSampleId :
 B1-121018

Tot Ion: 82 Resp: 1277707

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	59.4	47.6	71.4



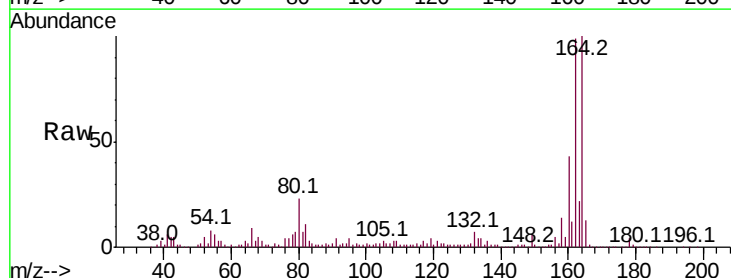
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



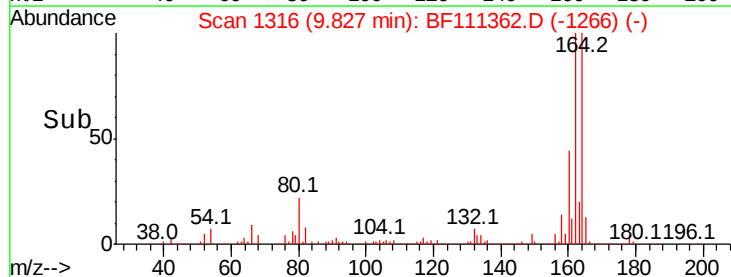
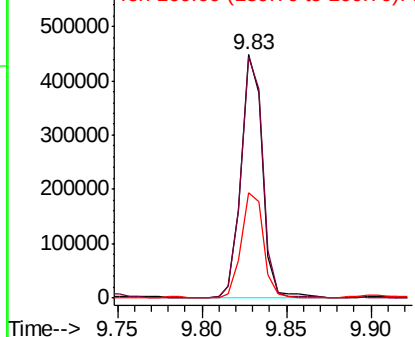
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111362.D
 Acq: 13 Dec 2018 11:17

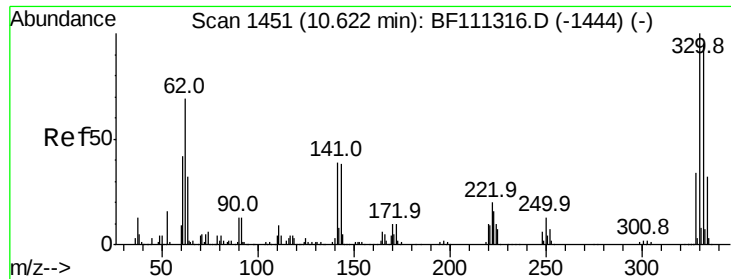
Tgt Ion:164 Resp: 391526

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.1	35.7	53.5



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

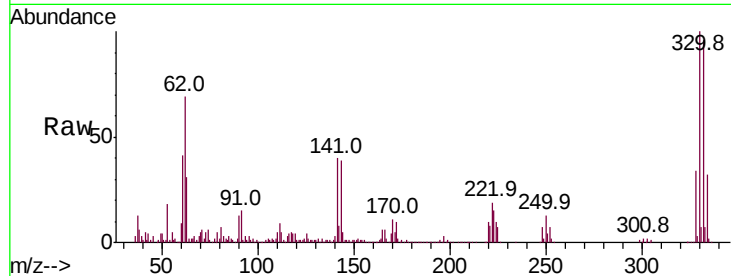




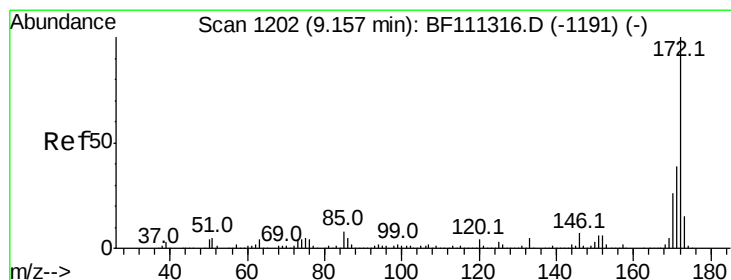
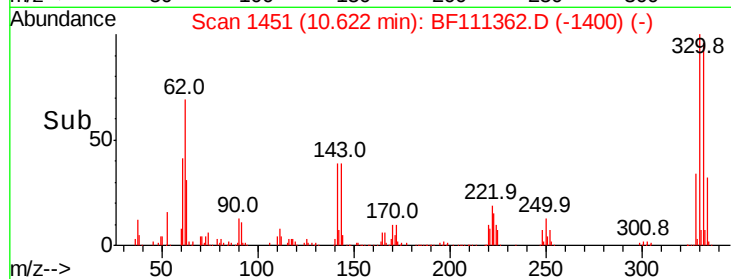
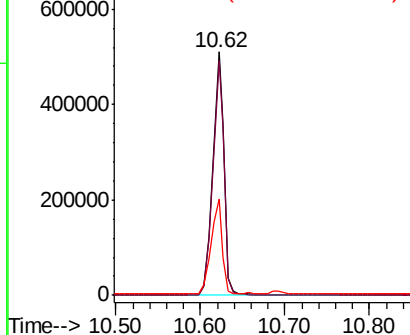
#42
 2,4,6-Tribromophenol
 Concen: 143.205 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF111362.D
 Acq: 13 Dec 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 B1-121018

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	37.5	31.0	46.6

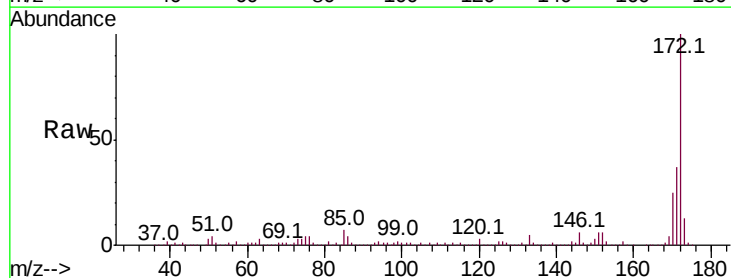


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

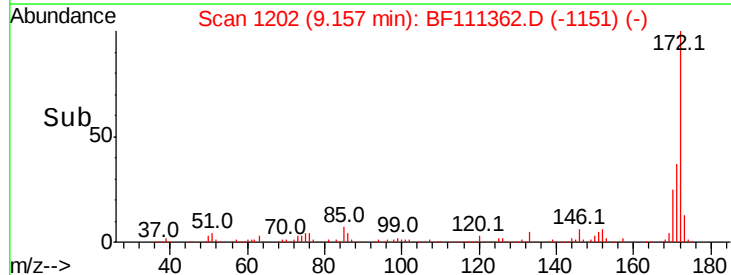
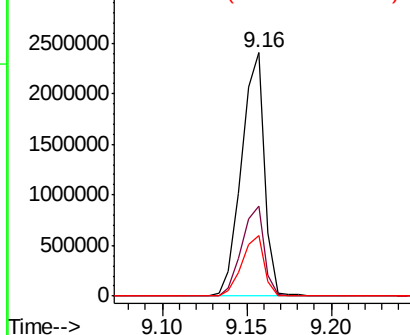


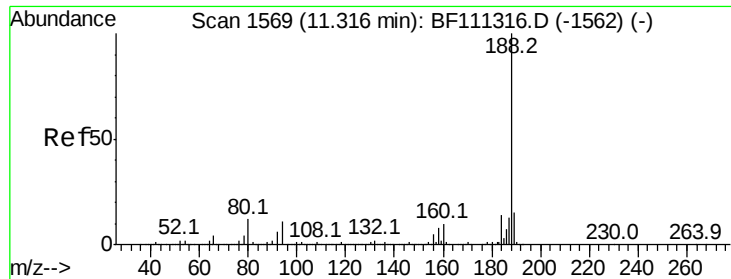
#45
 2-Fluorobiphenyl
 Concen: 93.552 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111362.D
 Acq: 13 Dec 2018 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.0	49.4
170	24.9	22.3	33.5



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

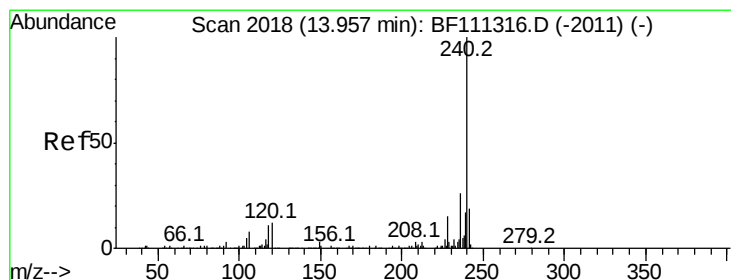
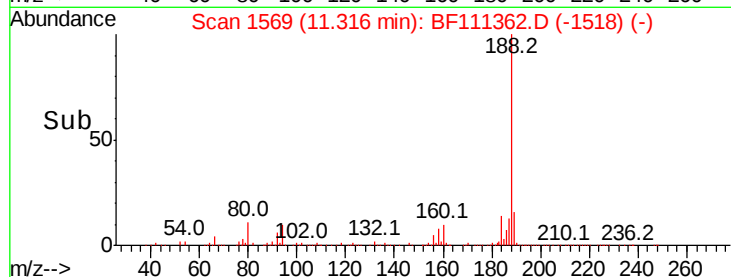
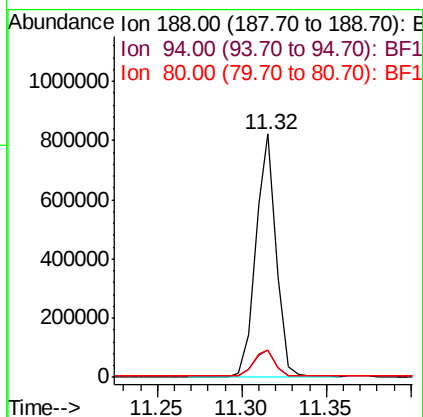
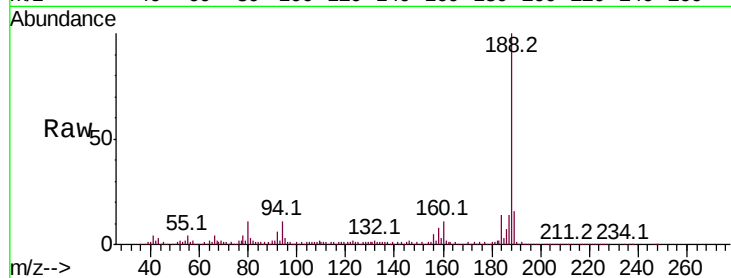




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

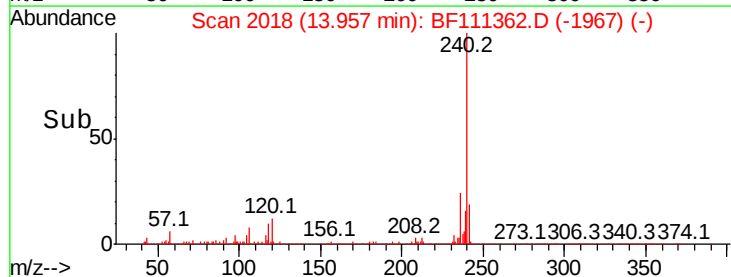
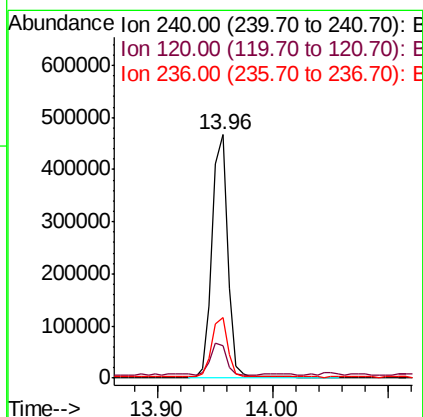
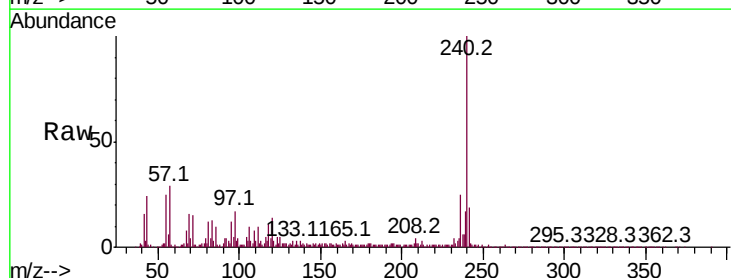
Instrument :
BNA_F
ClientSampleId :
B1-121018

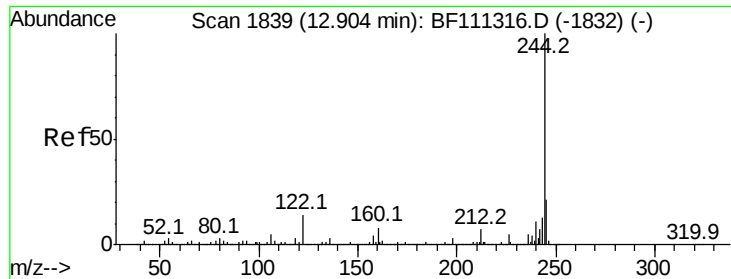
Tot Ion:188 Resp: 690438
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Tgt Ion:240 Resp: 441197
Ion Ratio Lower Upper
240 100
120 13.5 12.2 18.2
236 24.9 20.2 30.2





#79

Terphenyl-d14

Concen: 98.340 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

Instrument :

BNA_F

ClientSampleId :

B1-121018

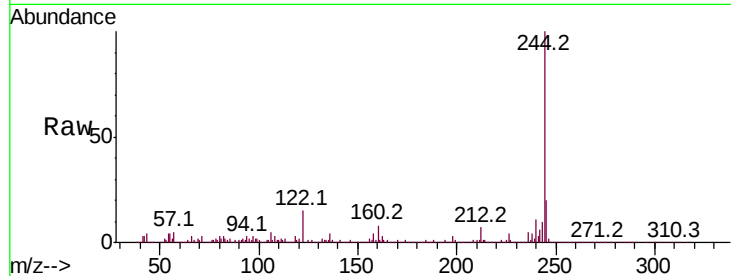
Tot Ion:244 Resp: 1971301

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

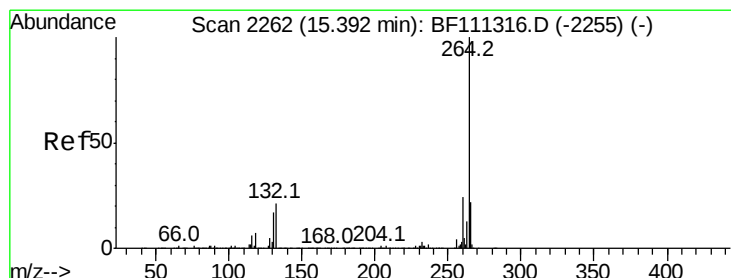
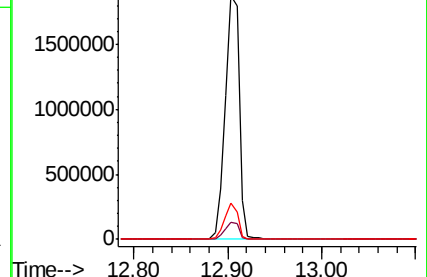
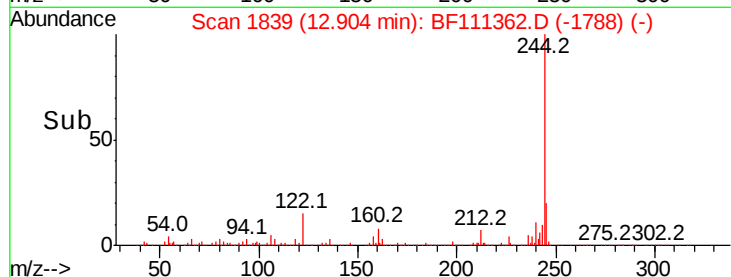
122 14.9 13.1 19.7



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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

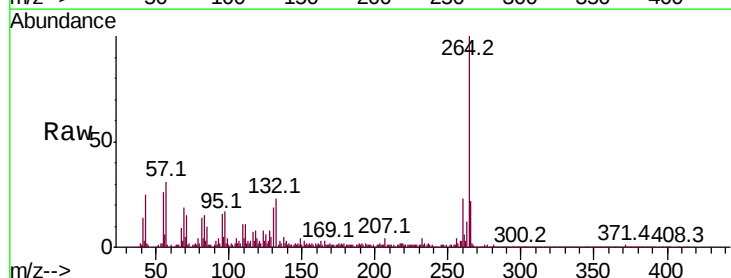
Tgt Ion:264 Resp: 415387

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.9 17.7 26.5



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

