

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111342.D
 Acq On : 13 Dec 2018 00:45
 Operator : JU/SJ
 Sample : J6214-50 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(12.5-14.5)

Quant Time: Dec 13 04:45:56 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	233754	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	873597	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	357801	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	601892	20.00	ng	0.00
76) Chrysene-d12	13.96	240	359642	20.00	ng	0.00
87) Perylene-d12	15.40	264	299404	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	315098	22.79	ng	0.00
7) Phenol-d6	6.42	99	386431	20.73	ng	-0.01
23) Nitrobenzene-d5	7.35	82	187398	12.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	58989	18.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	350257	15.72	ng	0.00
79) Terphenyl-d14	12.90	244	259405	15.88	ng	0.00

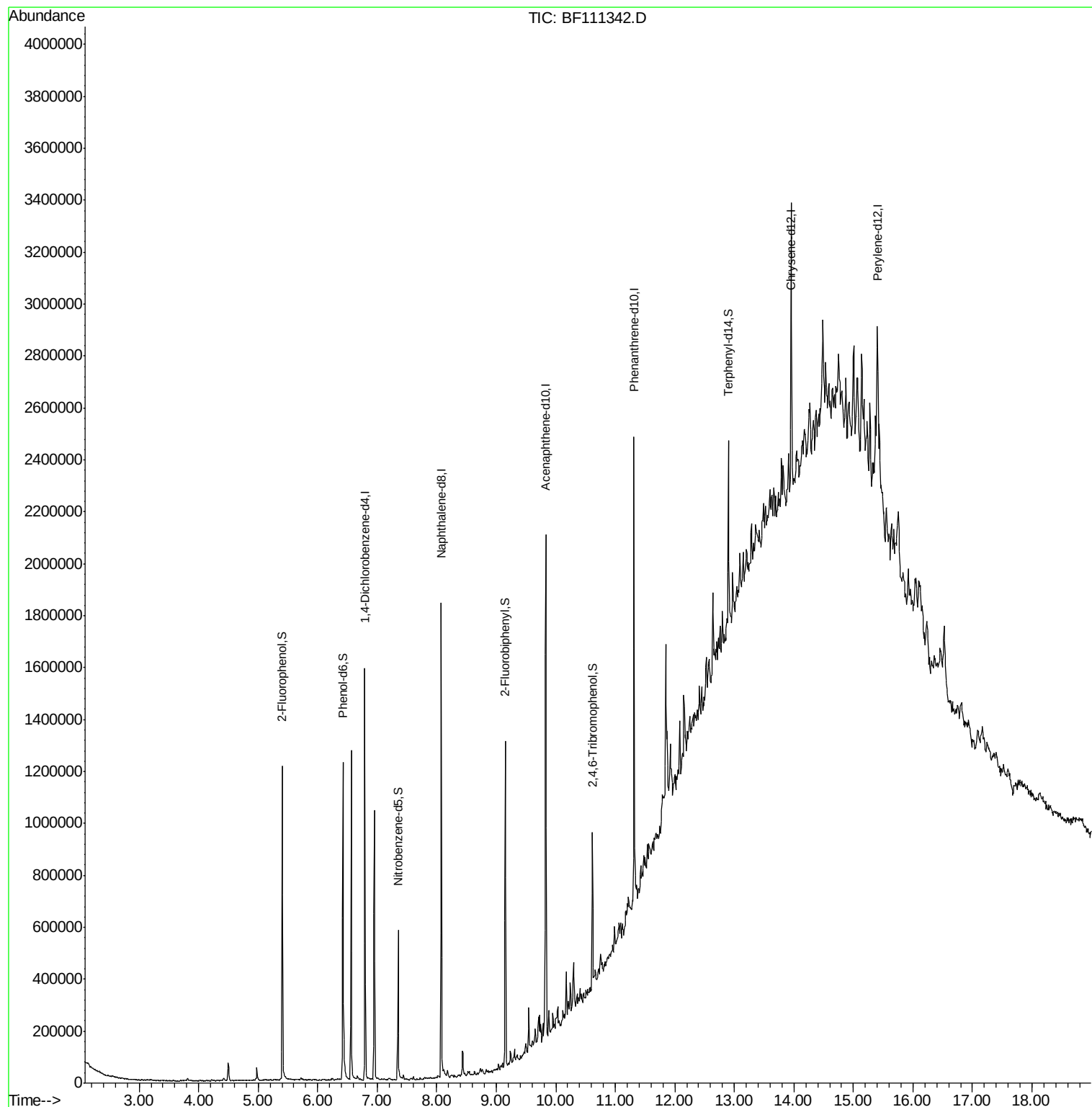
Target Compounds Qvalue

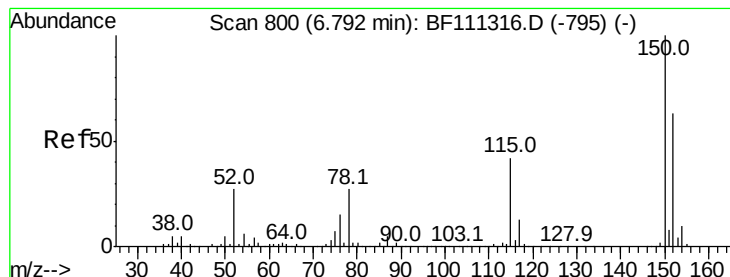
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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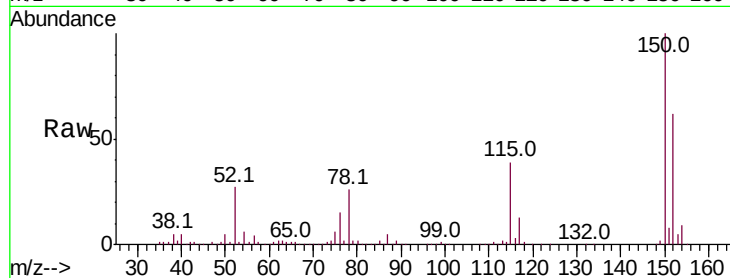


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111342.D
Acq: 13 Dec 2018 00:45

Instrument :
BNA_F
ClientSampleId :
SB-7(12.5-14.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	63.4	50.7	76.1

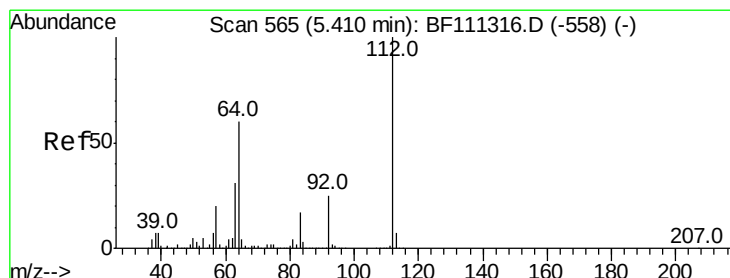
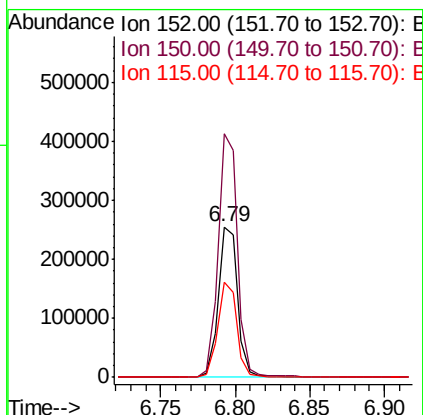
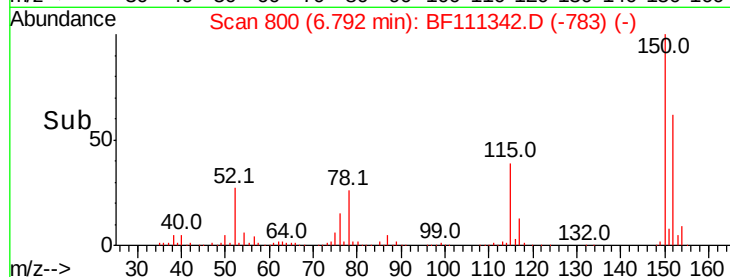


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

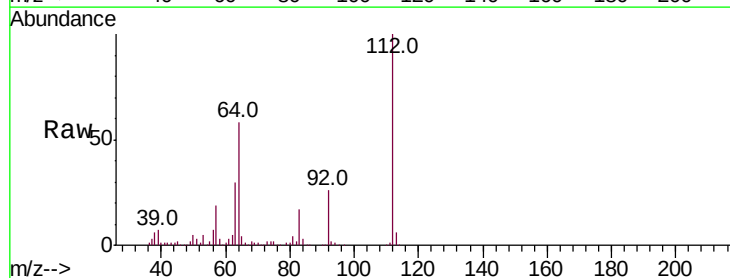
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 22.795 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111342.D
Acq: 13 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	51.8	77.6
63	29.6	26.8	40.2

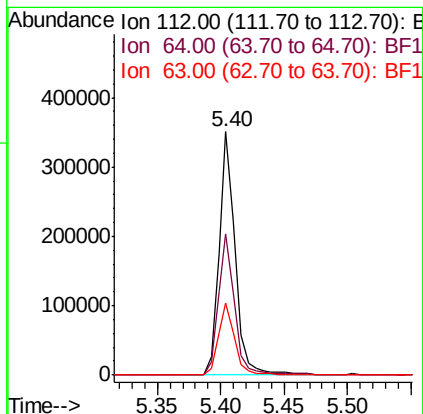
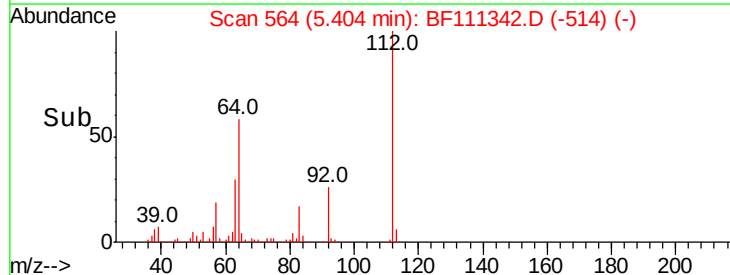


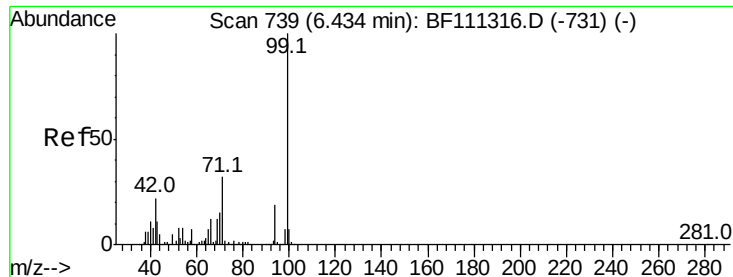
Abundance

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: 20.734 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111342.D

Acq: 13 Dec 2018 00:45

Instrument :

BNA_F

ClientSampleId :

SB-7(12.5-14.5)

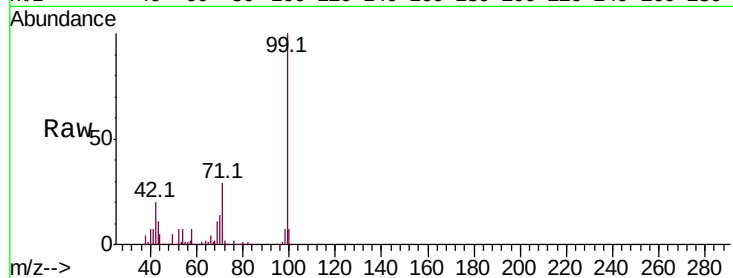
Tot Ion: 99 Resp: 386431

Ion Ratio Lower Upper

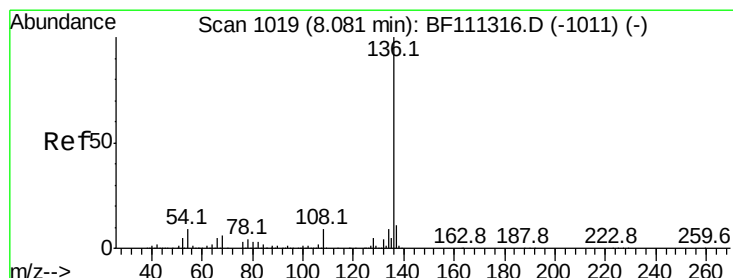
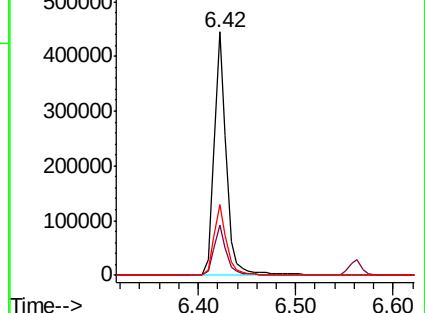
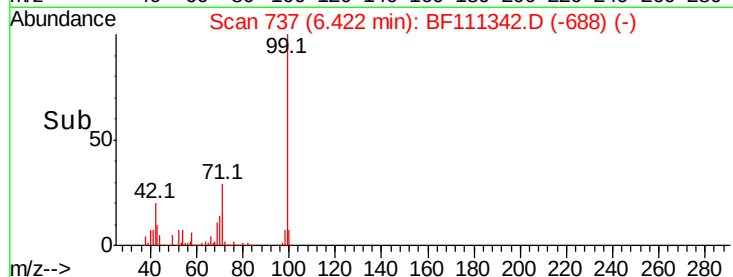
99 100

42 20.5 17.4 26.0

71 29.1 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: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF111342.D

Acq: 13 Dec 2018 00:45

Tgt Ion: 136 Resp: 873597

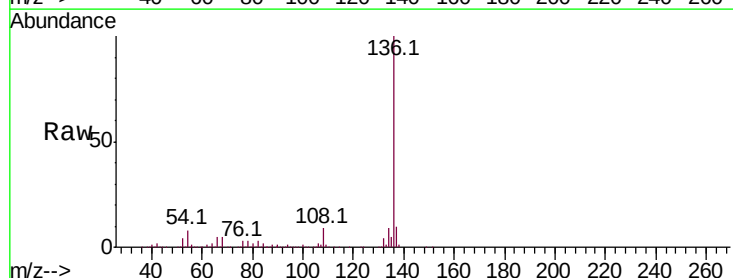
Ion Ratio Lower Upper

136 100

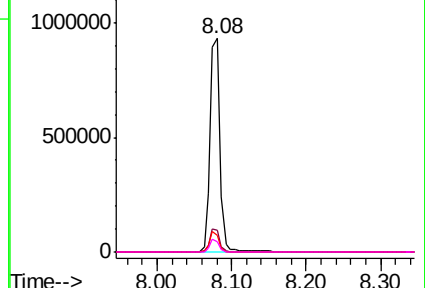
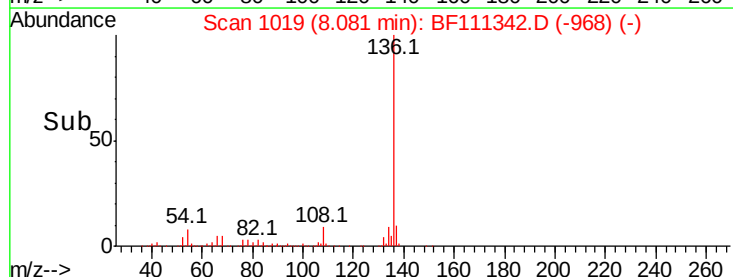
137 10.4 9.1 13.7

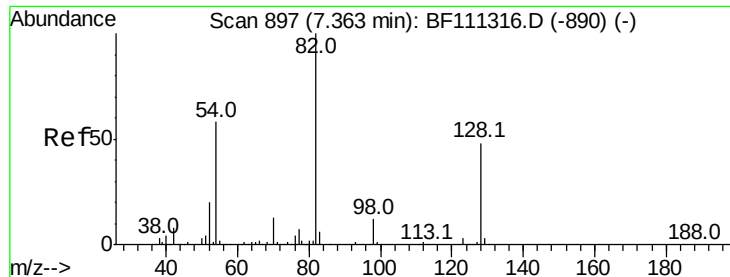
54 8.0 7.7 11.5

68 5.0 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

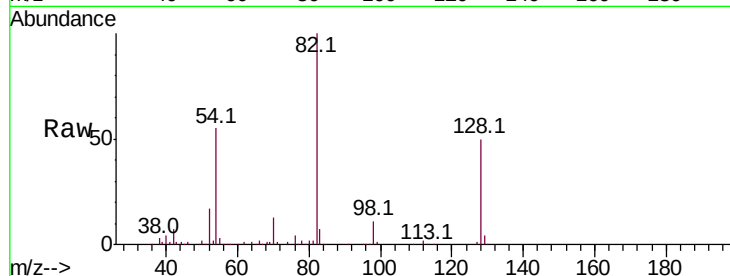




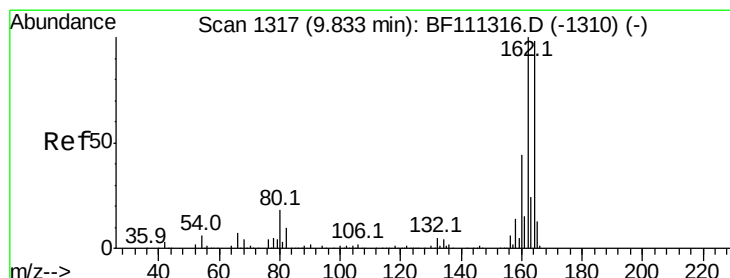
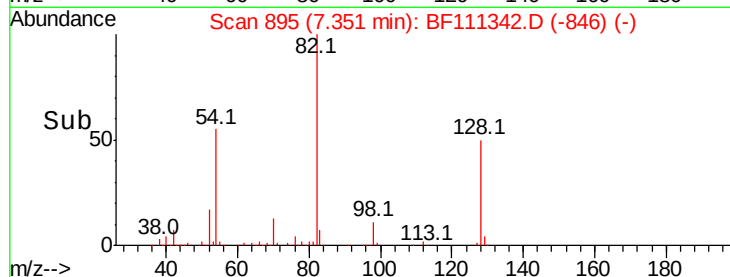
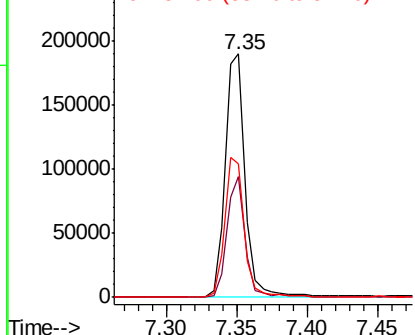
#23
 Nitrobenzene-d5
 Concen: 12.091 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111342.D
 Acq: 13 Dec 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(12.5-14.5)

Tot Ion	82	Resp	187398
Ion Ratio	Lower	Upper	
82	100		
128	49.7	37.4	56.2
54	54.6	47.6	71.4

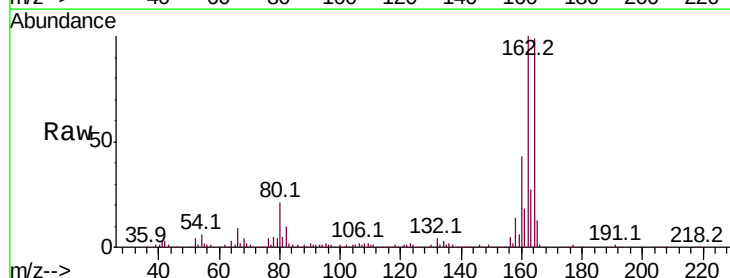


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

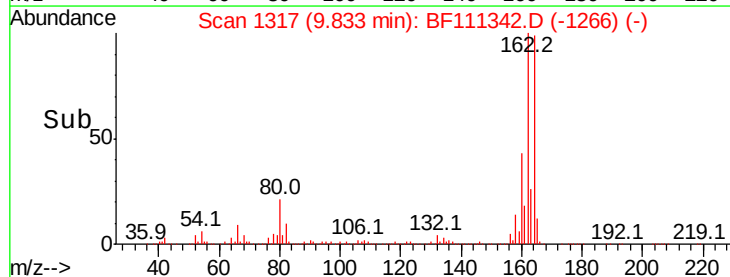
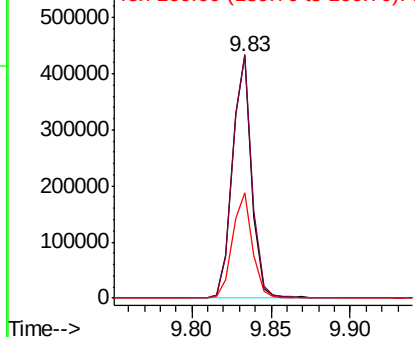


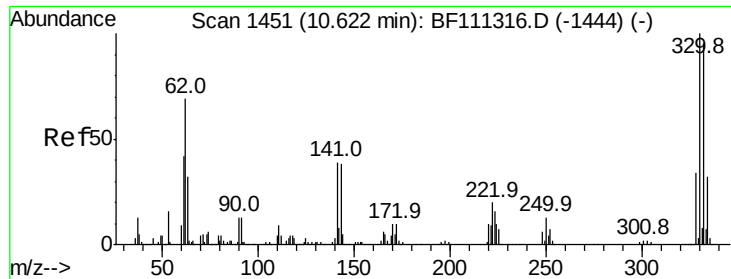
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF111342.D
 Acq: 13 Dec 2018 00:45

Tgt Ion	164	Resp	357801
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.0
160	43.4	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

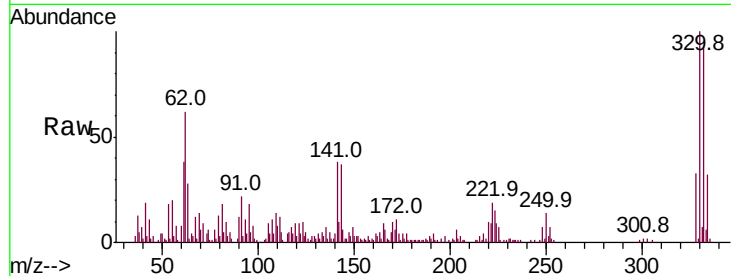




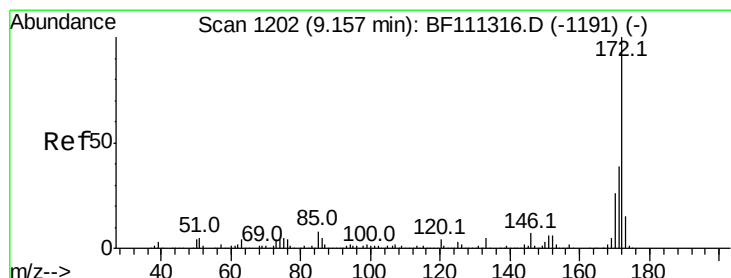
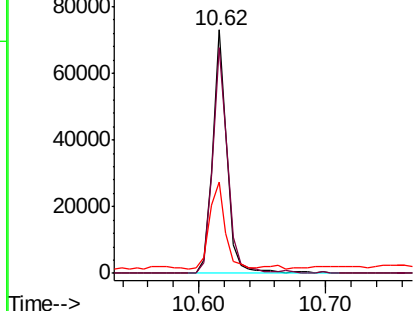
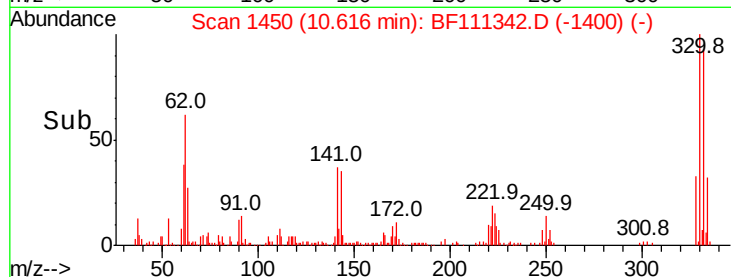
#42
 2,4,6-Tribromophenol
 Concen: 18.703 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111342.D
 Acq: 13 Dec 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(12.5-14.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	38.8	31.0	46.6

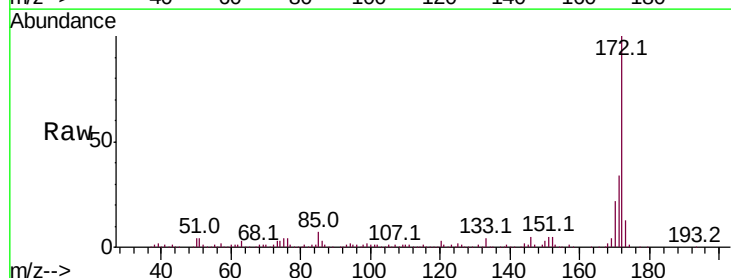


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

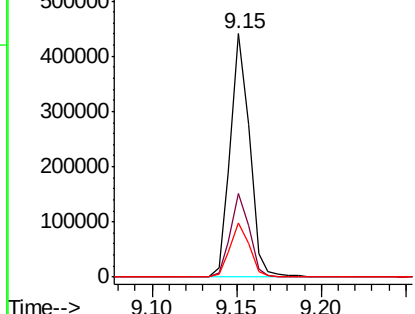
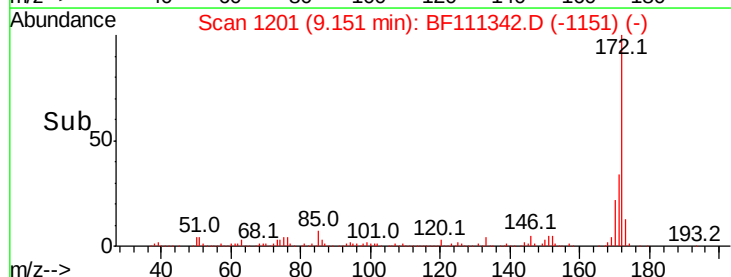


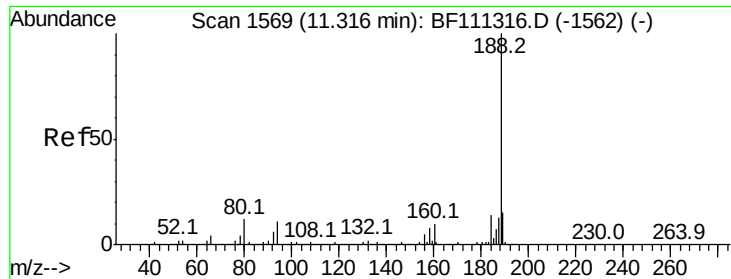
#45
 2-Fluorobiphenyl
 Concen: 15.716 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111342.D
 Acq: 13 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	33.0	49.4
170	22.3	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

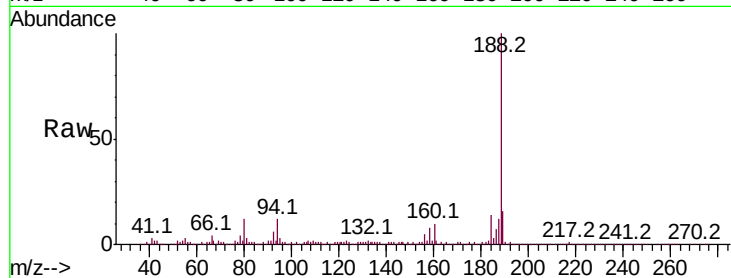




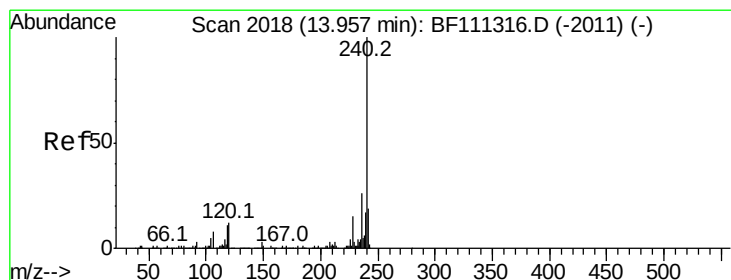
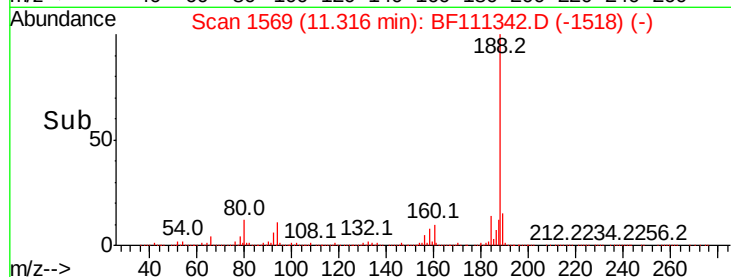
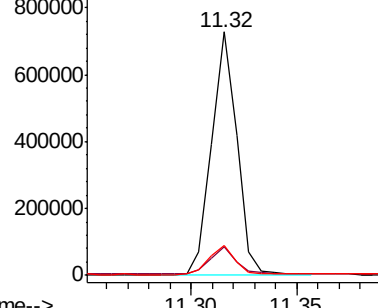
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111342.D
Acq: 13 Dec 2018 00:45

Instrument :
BNA_F
ClientSampleId :
SB-7(12.5-14.5)

Tot Ion:188 Resp: 601892
Ion Ratio Lower Upper
188 100
94 11.7 9.6 14.4
80 12.3 9.8 14.6

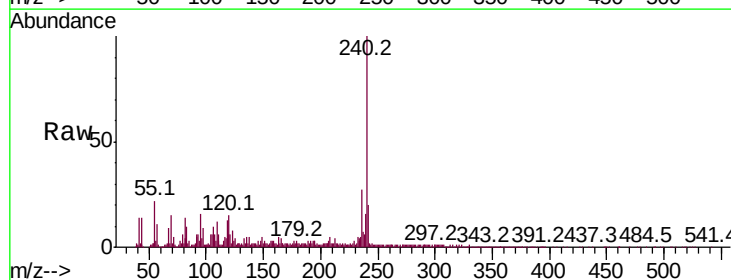


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

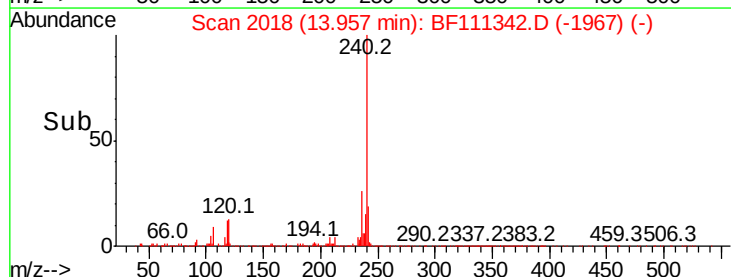
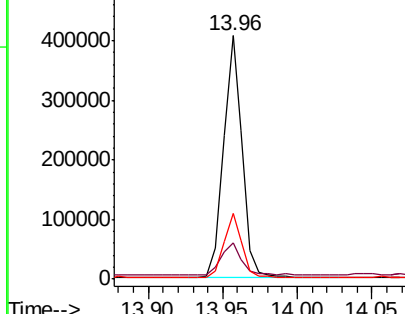


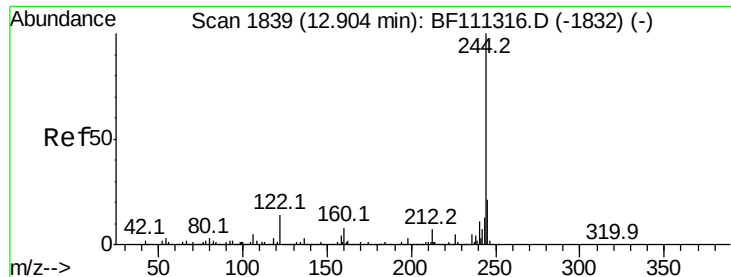
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111342.D
Acq: 13 Dec 2018 00:45

Tgt Ion:240 Resp: 359642
Ion Ratio Lower Upper
240 100
120 15.0 12.2 18.2
236 26.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 15.875 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111342.D

Acq: 13 Dec 2018 00:45

Instrument :

BNA_F

ClientSampleId :

SB-7(12.5-14.5)

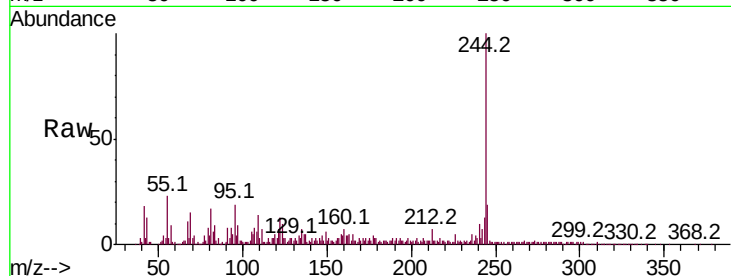
Tot Ion:244 Resp: 259405

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

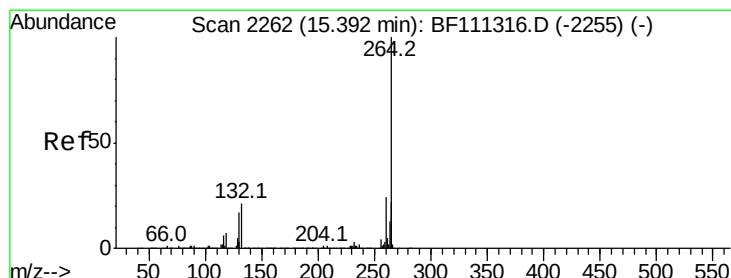
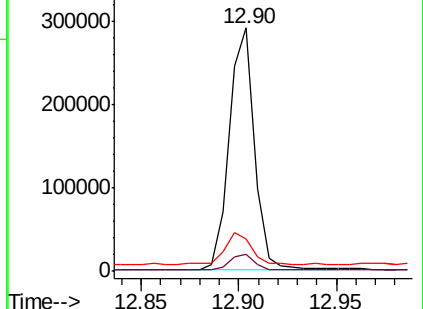
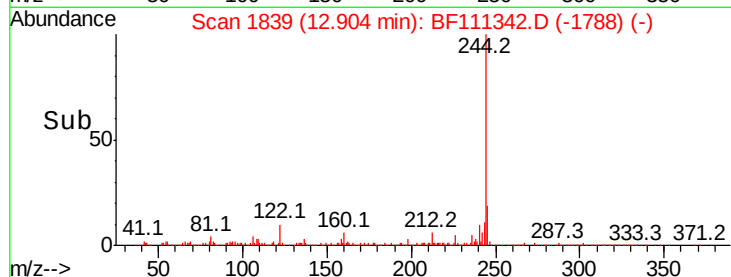
122 13.5 13.1 19.7



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# 2264

Delta R.T. 0.01 min

Lab File: BF111342.D

Acq: 13 Dec 2018 00:45

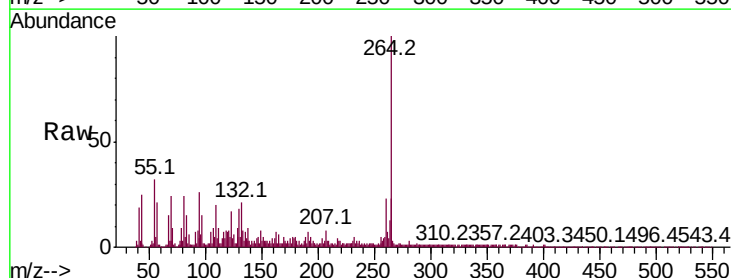
Tgt Ion:264 Resp: 299404

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 23.5 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

