

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111721.D
 Acq On : 26 Dec 2018 18:47
 Operator : JU/SJ
 Sample : J6525-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)

Quant Time: Dec 27 02:29:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

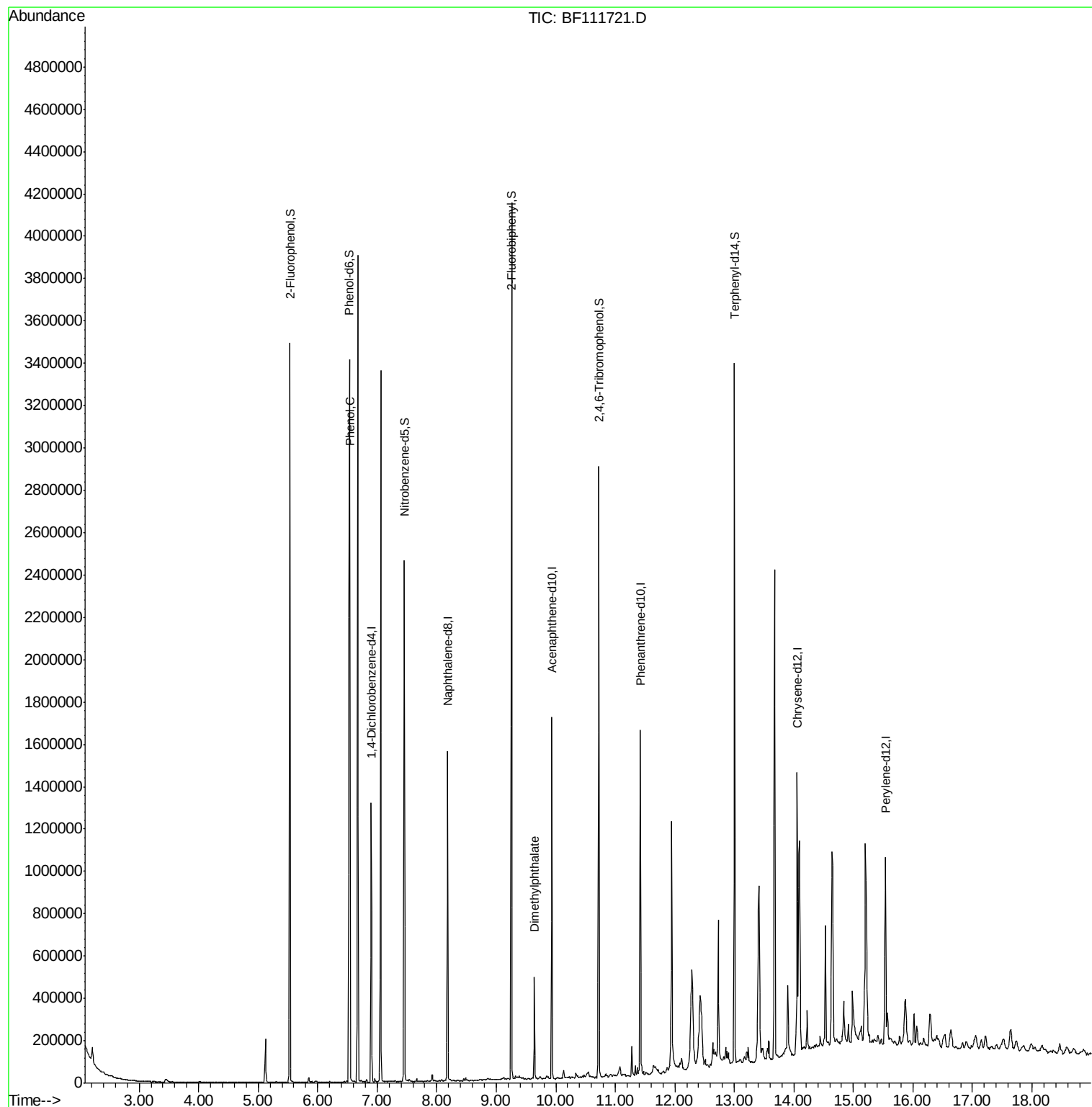
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	171660	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	640715	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	327197	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	565953	20.00	ng	0.00
76) Chrysene-d12	14.06	240	396833	20.00	ng	0.00
87) Perylene-d12	15.54	264	420125	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	882705	87.65	ng	0.02
7) Phenol-d6	6.53	99	1146815	89.48	ng	0.01
23) Nitrobenzene-d5	7.46	82	734957	66.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334745	86.59	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1331271	59.30	ng	0.00
79) Terphenyl-d14	13.00	244	1054897	50.41	ng	0.00
Target Compounds						
10) Phenol	6.55	94	73868	5.108	ng	97
50) Dimethylphthalate	9.65	163	197699	8.263	ng	96

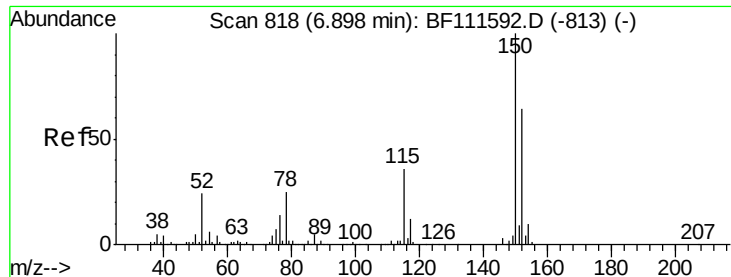
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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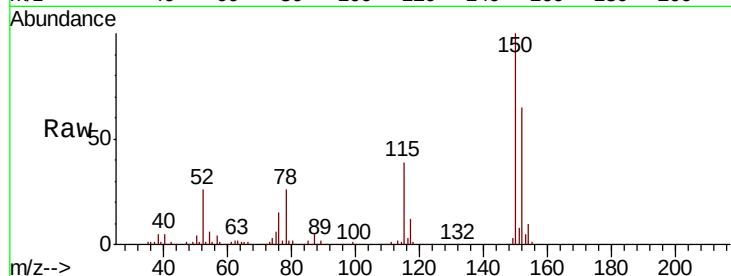


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	59.4	50.7	76.1

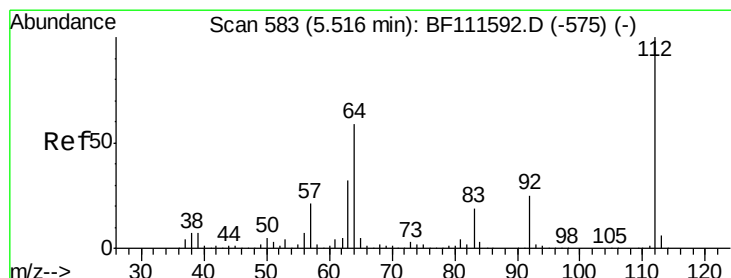
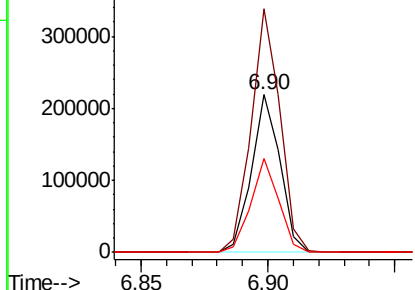
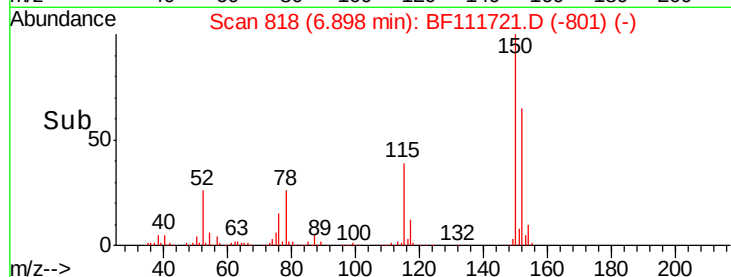


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

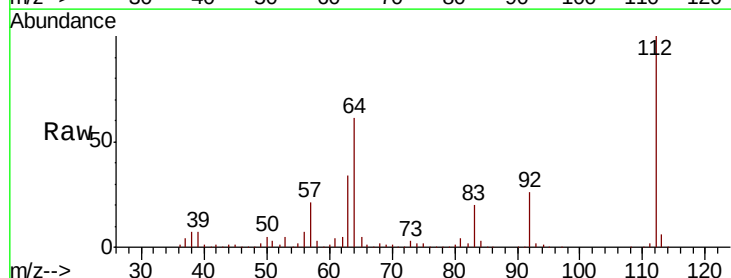
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.650 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	51.8	77.6
63	33.6	26.8	40.2

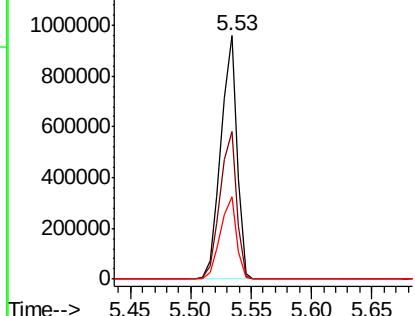
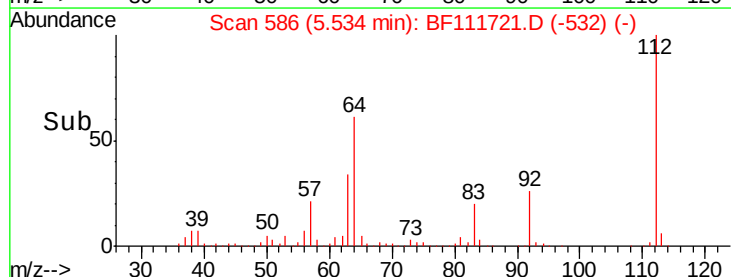


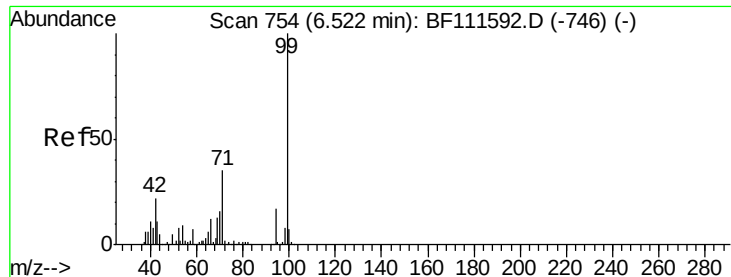
Abundance

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: 89.479 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111721.D

Acq: 26 Dec 2018 18:47

Instrument :

BNA_F

ClientSampled :

S-1(5)

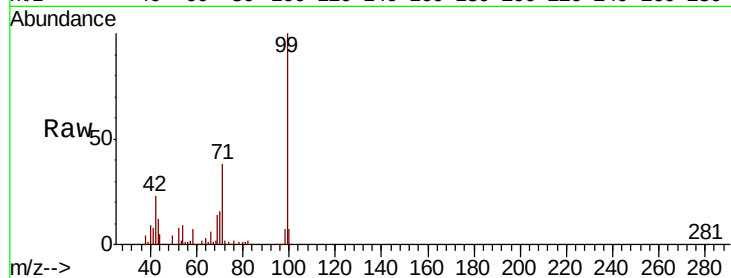
Tot Ion: 99 Resp: 1146815

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.4	26.0
71	37.5	26.1	39.1

99 100

42 23.1 17.4 26.0

71 37.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

1500000 Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

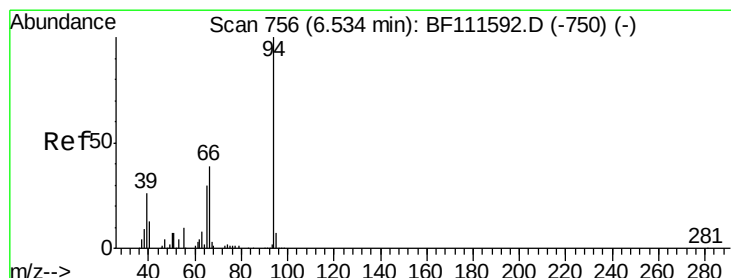
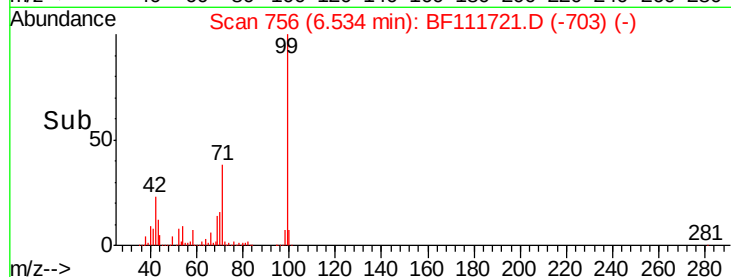
6.53

1000000

500000

0

Time--> 6.45 6.50 6.55 6.60



#10

Phenol

Concen: 5.108 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111721.D

Acq: 26 Dec 2018 18:47

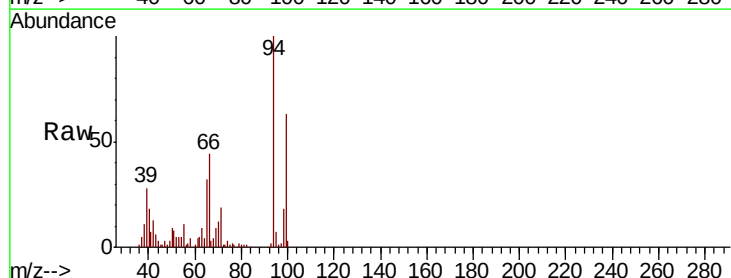
Tgt Ion: 94 Resp: 73868

Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	43.7	21.0	61.0

94 100

65 32.4 11.7 51.7

66 43.7 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

150000 Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

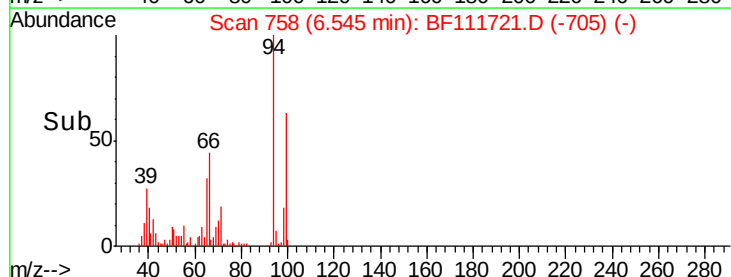
6.55

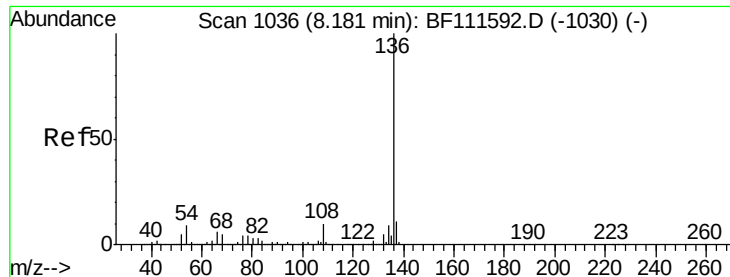
100000

50000

0

Time--> 6.50 6.55 6.60

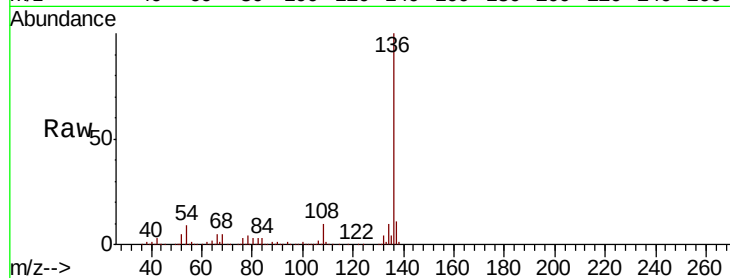




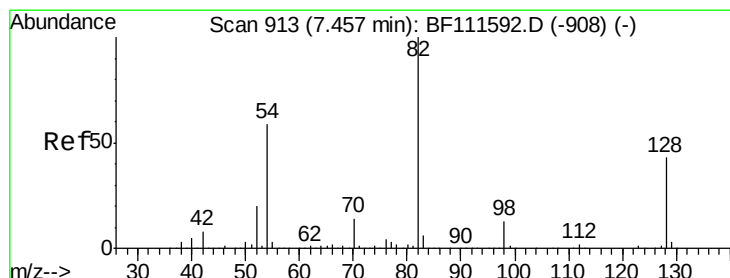
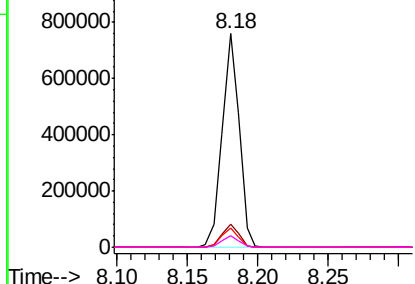
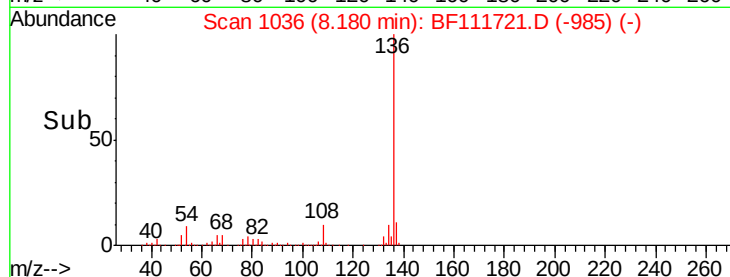
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion:136	Resp:	640715	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.1	13.7	
54 9.0	7.7	11.5	
68 5.3	4.9	7.3	

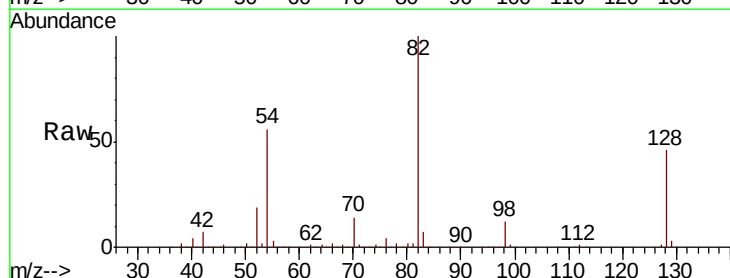


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

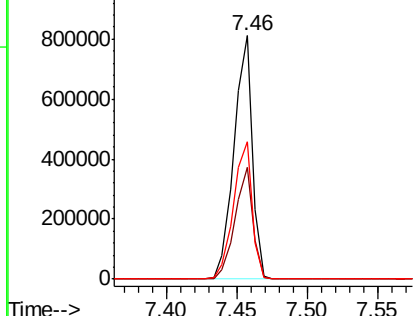
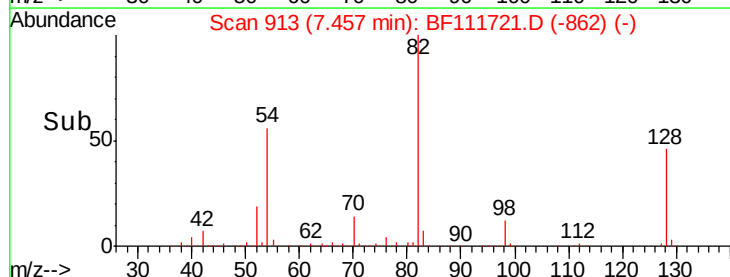


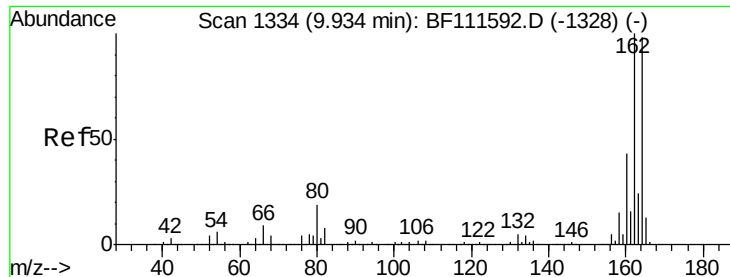
#23
Nitrobenzene-d5
Concen: 66.769 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion: 82	Resp: 734957
Ion Ratio	Lower Upper
82 100	
128 46.0	37.4 56.2
54 56.2	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

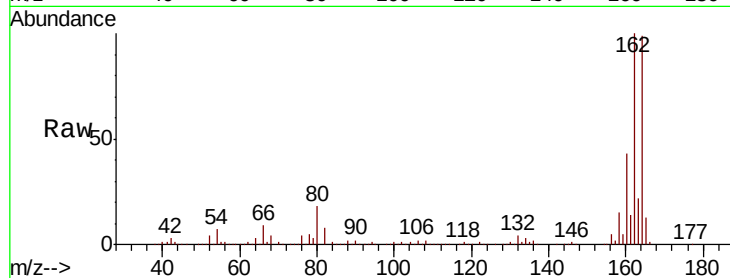




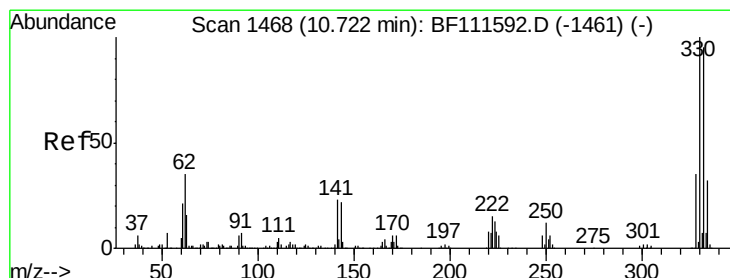
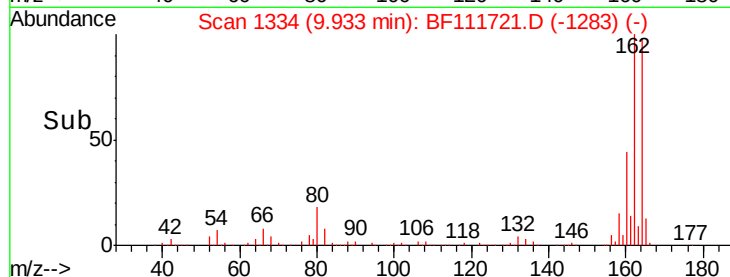
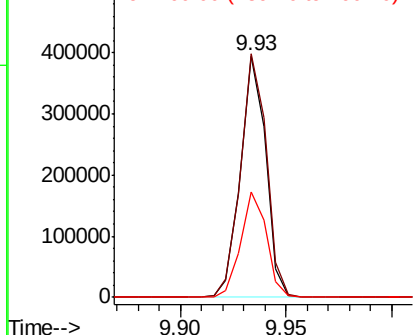
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	43.9	35.7	53.5

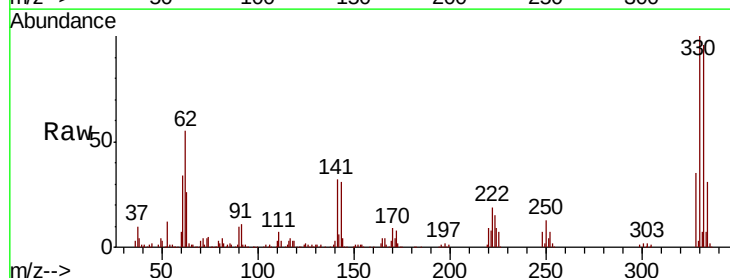


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

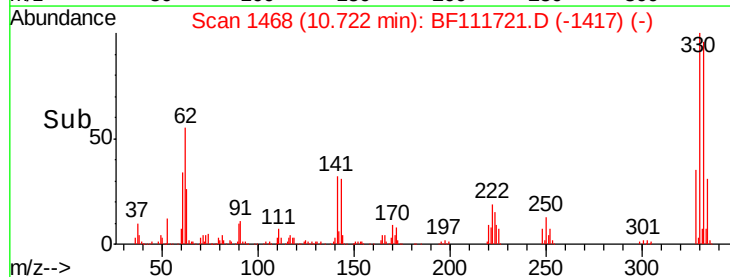
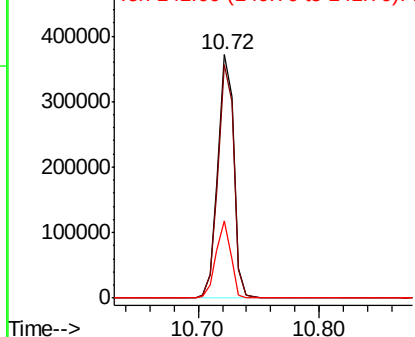


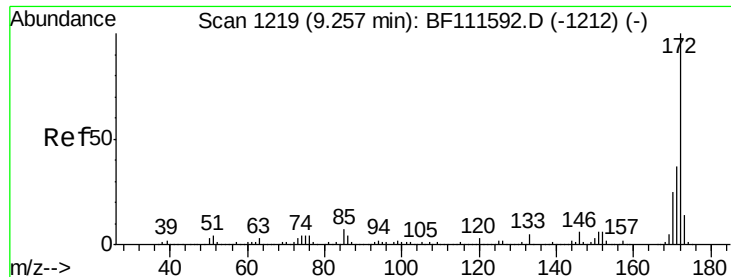
#42
 2,4,6-Tribromophenol
 Concen: 86.585 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.7	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

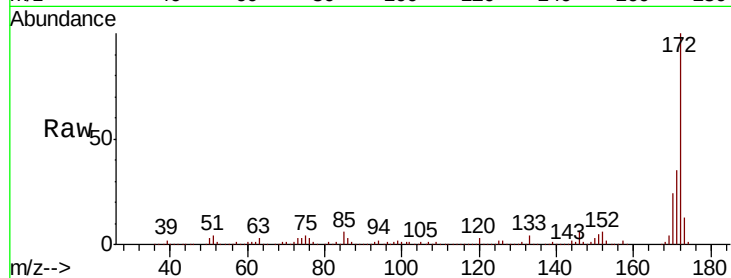




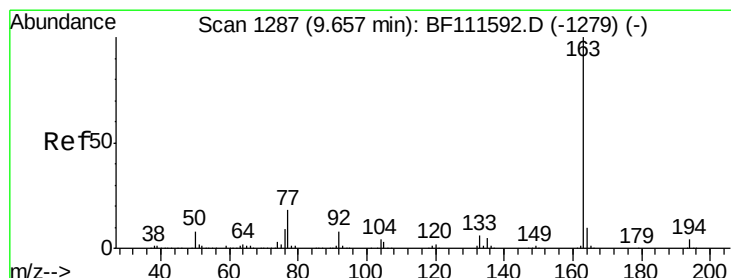
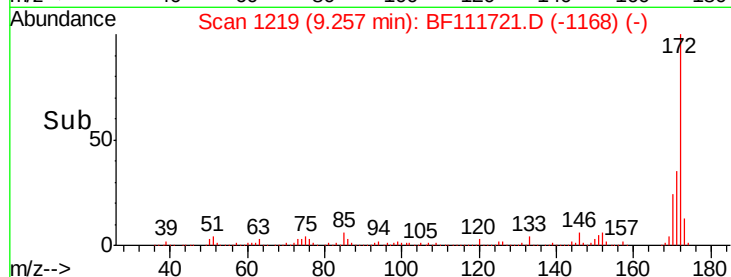
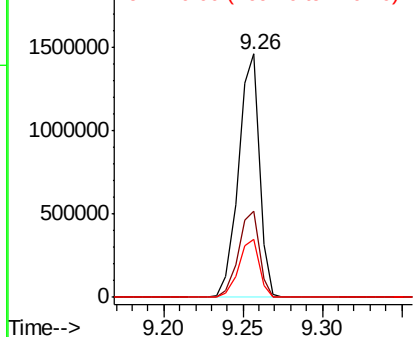
#45
2-Fluorobiphenyl
Concen: 59.305 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion:172 Resp: 1331271
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 24.1 22.3 33.5

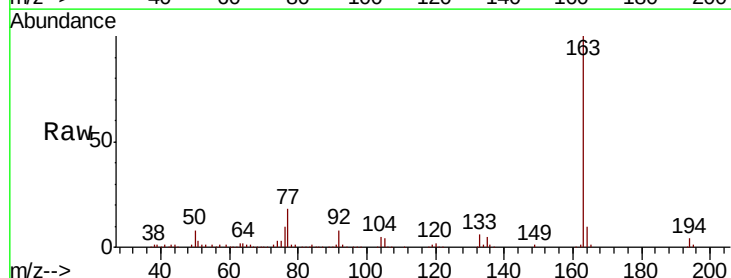


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

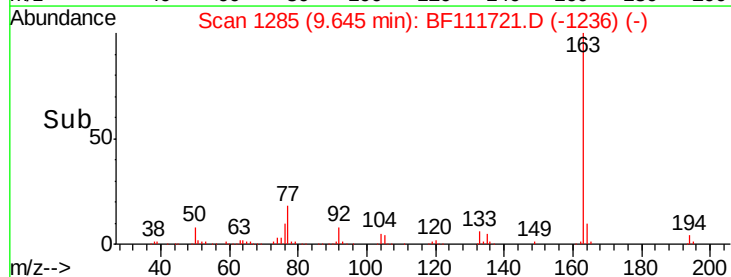
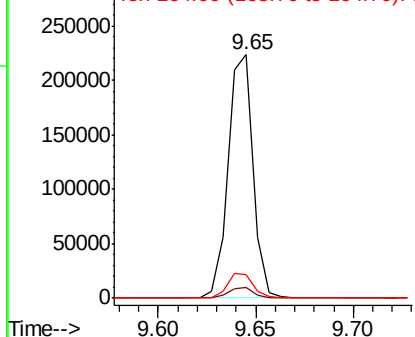


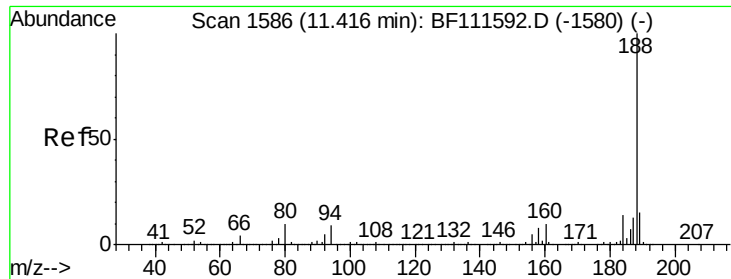
#50
Dimethylphthalate
Concen: 8.263 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion:163 Resp: 197699
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.6 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
300000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

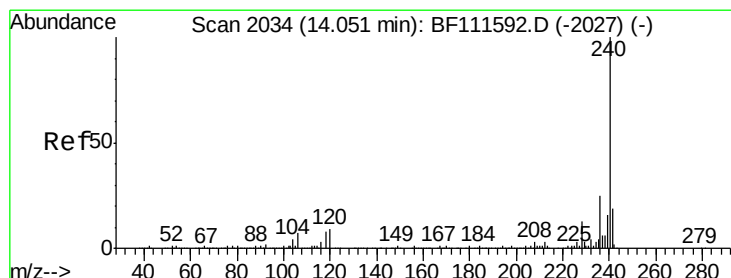
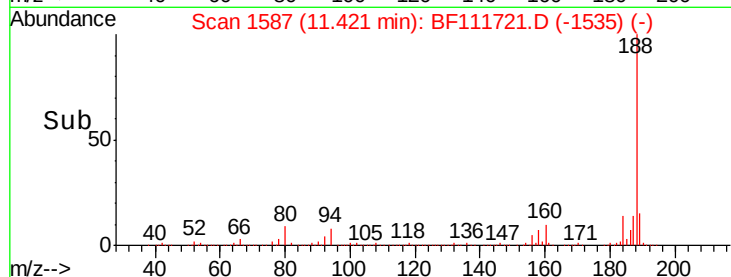
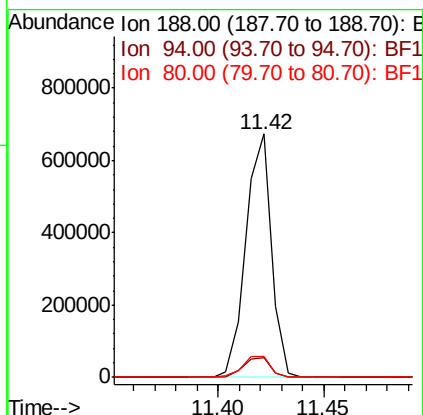
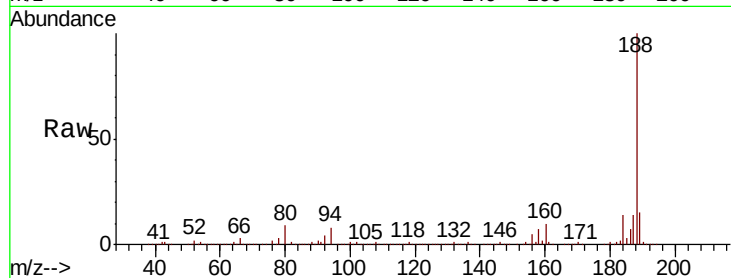




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

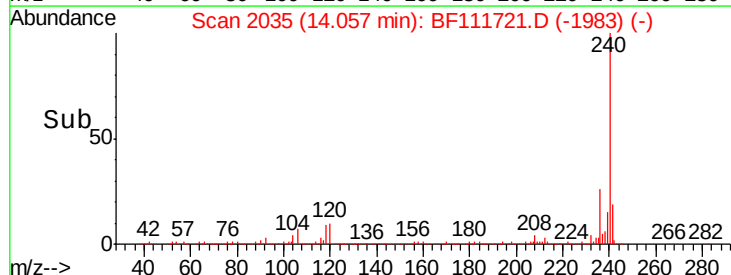
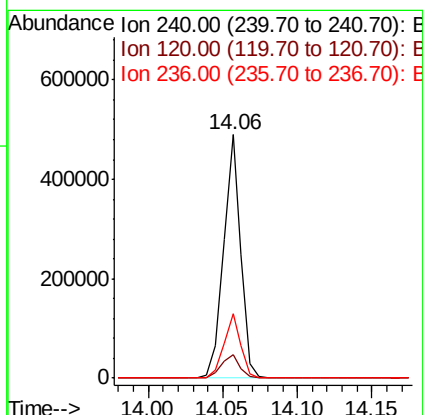
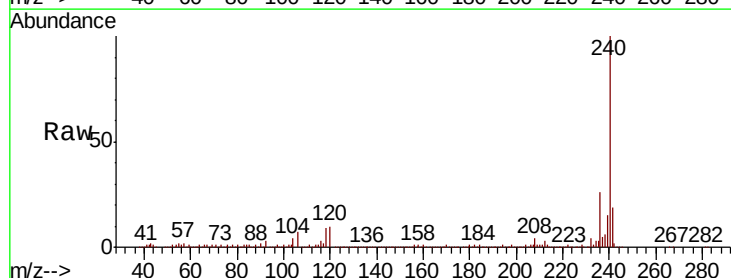
Instrument :
BNA_F
ClientSampleId :
S-1(5)

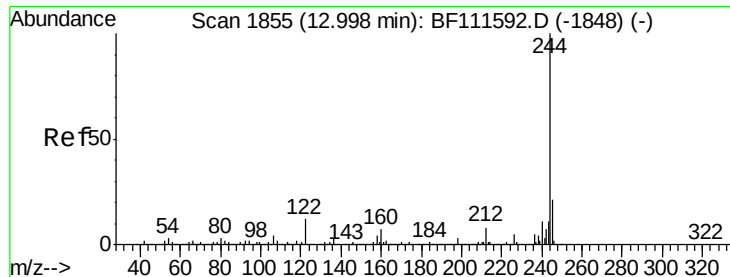
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.6	14.4#
80	8.6	9.8	14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.2	18.2#
236	26.3	20.2	30.2





#79

Terphenyl-d14

Concen: 50.412 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111721.D

Acq: 26 Dec 2018 18:47

Instrument :

BNA_F

ClientSampleId :

S-1(5)

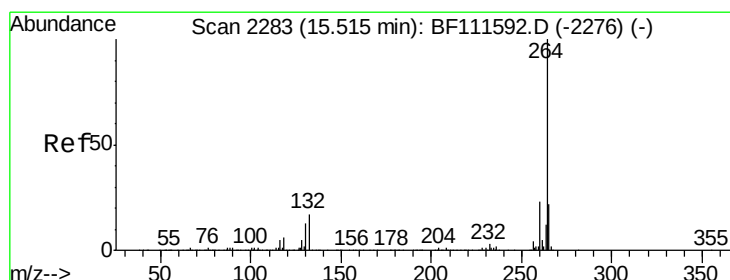
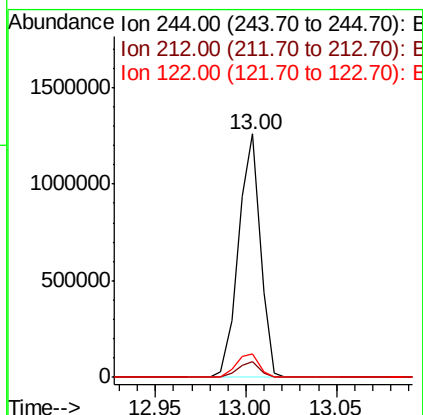
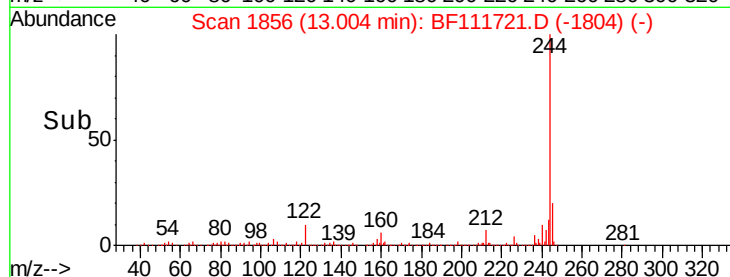
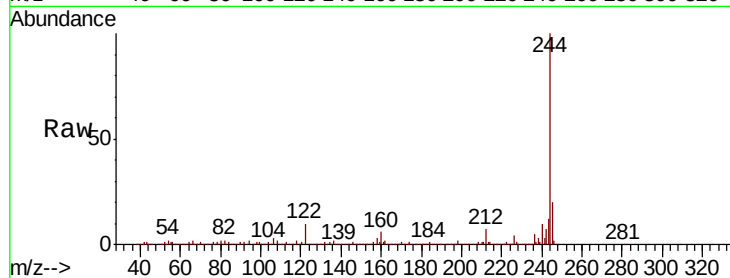
Tot Ion:244 Resp: 1054897

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.7 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.02 min

Lab File: BF111721.D

Acq: 26 Dec 2018 18:47

Tgt Ion:264 Resp: 420125

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.1 17.7 26.5

