

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103240.D
 Acq On : 27 Feb 2018 1:29
 Operator : SJ/JU
 Sample : J1660-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488

Quant Time: Feb 27 03:10:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

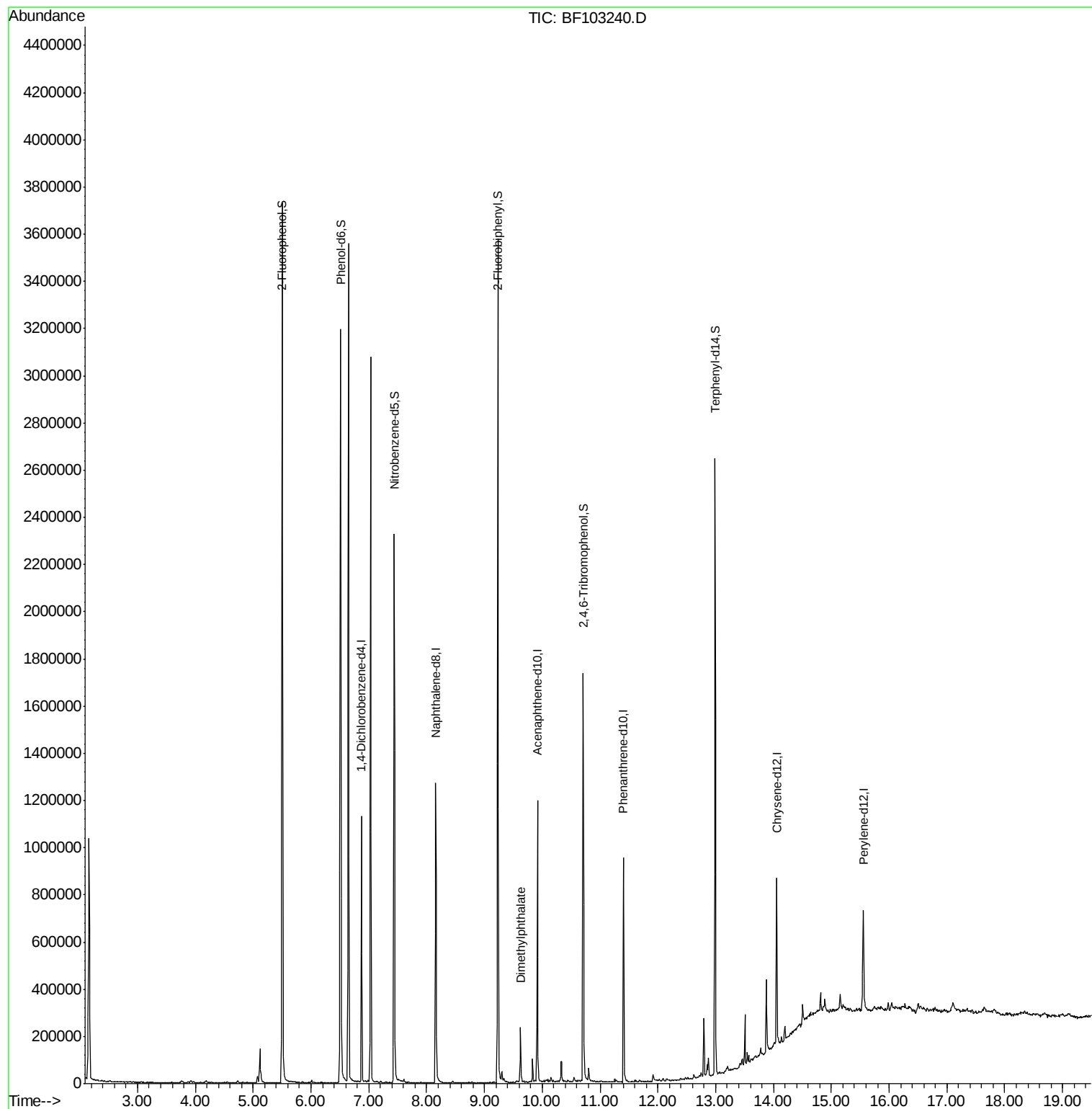
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146886	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	584766	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	229450	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	362176	20.00	ng	0.00
75) Chrysene-d12	14.06	240	259311	20.00	ng	0.00
86) Perylene-d12	15.56	264	208979	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1106545	113.94	ng	0.02
7) Phenol-d6	6.52	99	1274222	107.22	ng	0.01
23) Nitrobenzene-d5	7.44	82	776269	75.81	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	205769	105.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1177010	89.46	ng	0.00
78) Terphenyl-d14	12.99	244	901049	83.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	88112	4.787	ng	Qvalue 100

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

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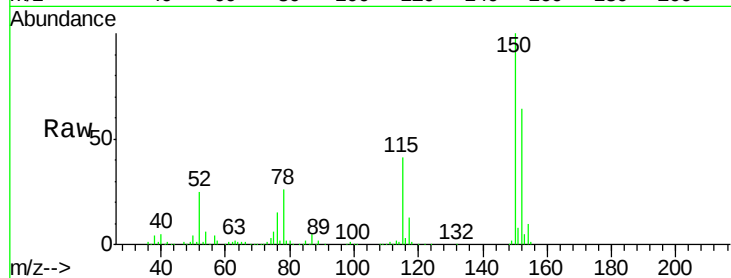


#1

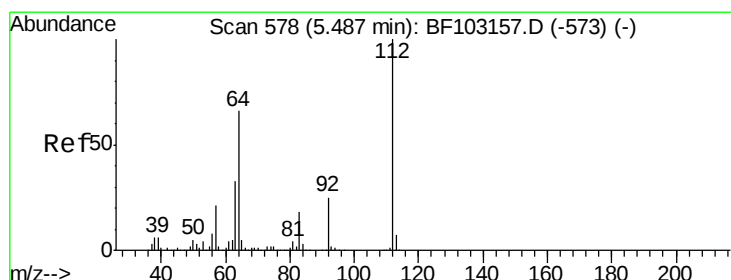
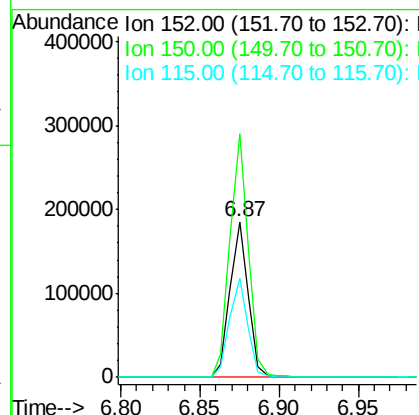
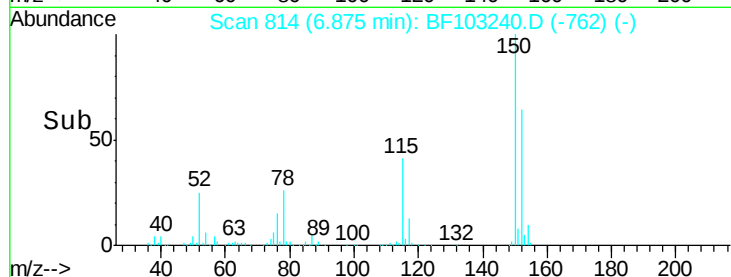
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	63.7	50.1	75.1



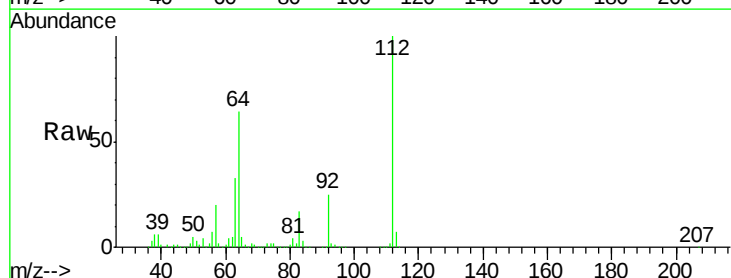
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



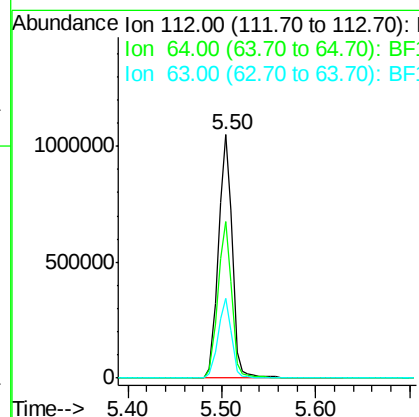
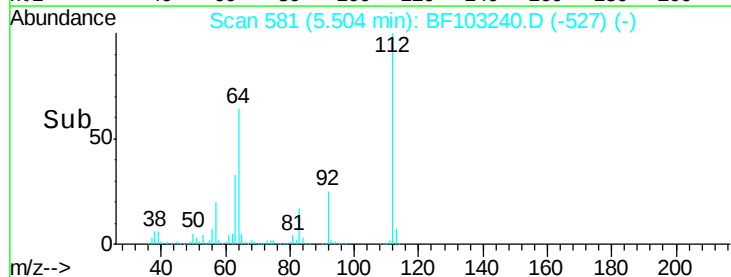
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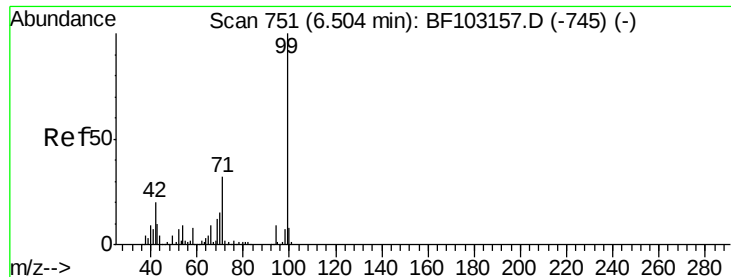
2-Fluorophenol
Concen: 113.937 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.9	23.7	35.5



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: 107.222 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103240.D

Acq: 27 Feb 2018 1:29

Instrument :

BNA_F

ClientSampleId :

RT-1488

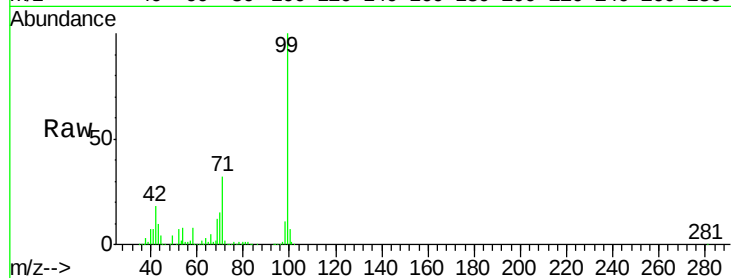
Tot Ion: 99 Resp: 1274222

Ion Ratio Lower Upper

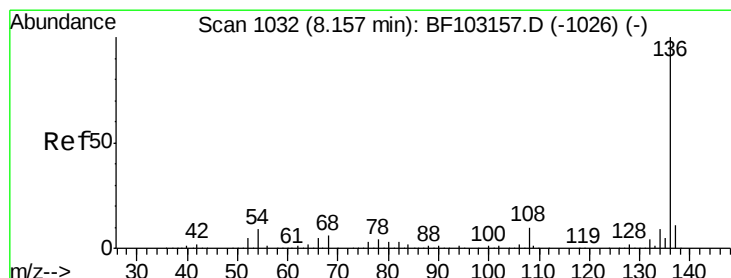
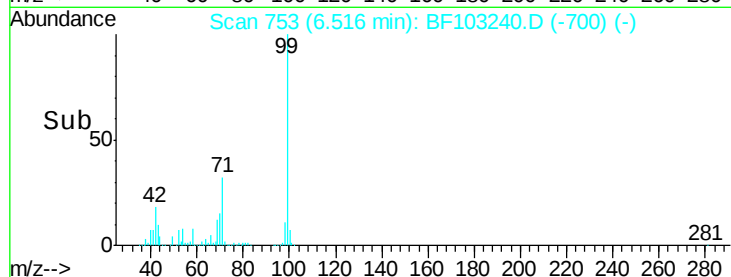
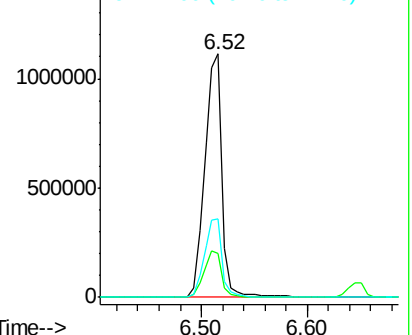
99 100

42 18.3 14.5 21.7

71 32.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103240.D

Acq: 27 Feb 2018 1:29

Tgt Ion: 136 Resp: 584766

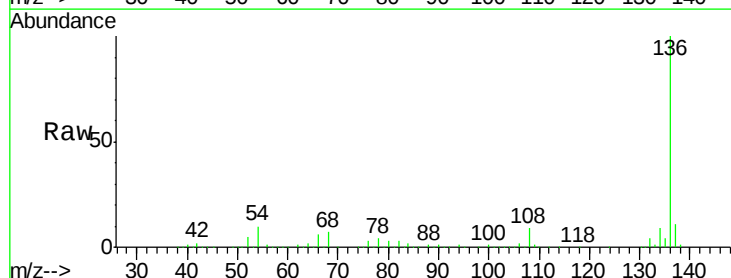
Ion Ratio Lower Upper

136 100

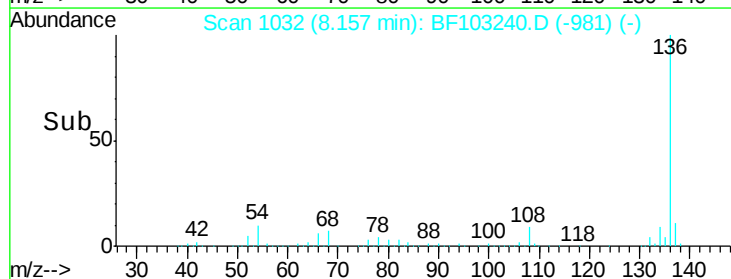
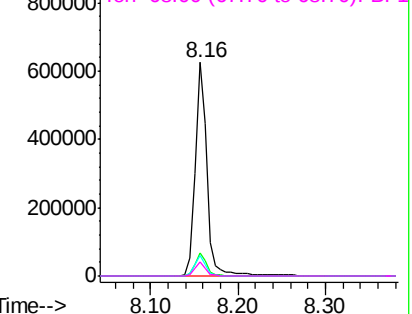
137 11.0 8.9 13.3

54 9.7 6.6 9.8

68 6.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1000000
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

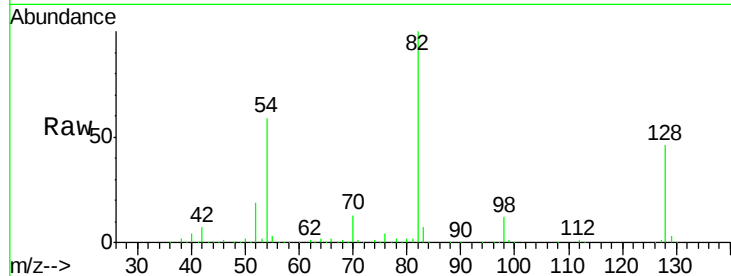




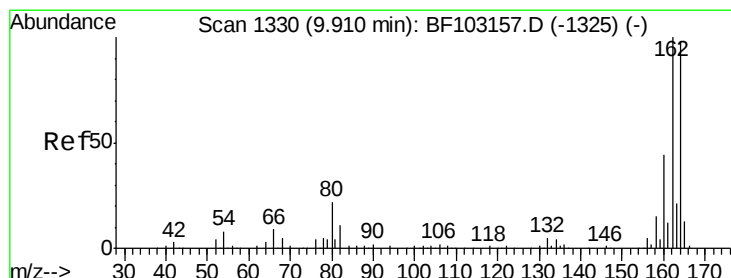
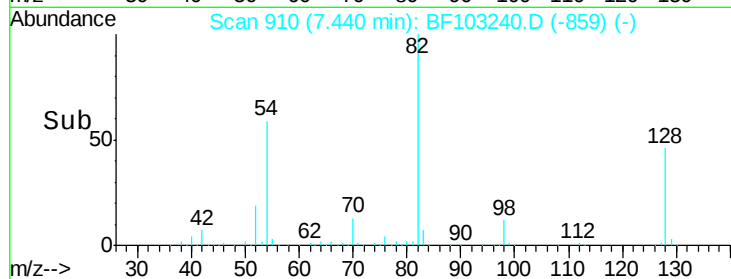
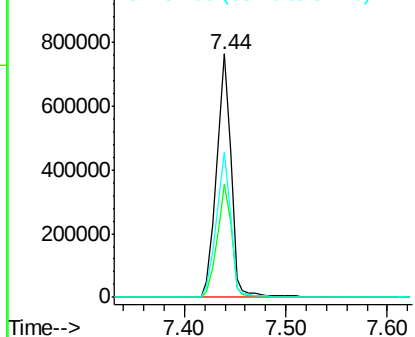
#23
 Nitrobenzene-d5
 Concen: 75.811 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103240.D
 Acq: 27 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488

Tot Ion	82	Resp	776269
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	59.4	41.4	62.2

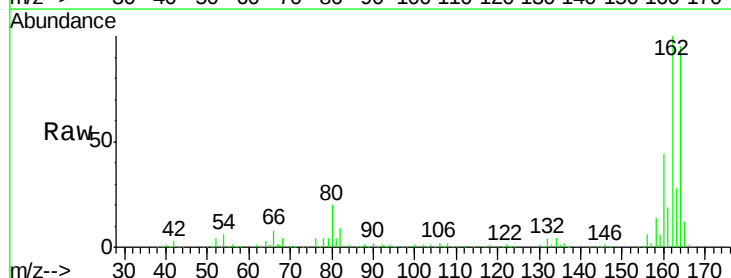


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

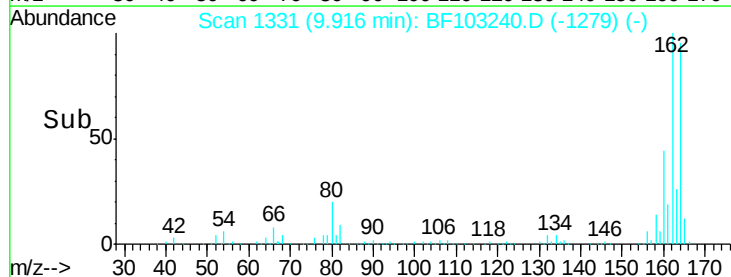
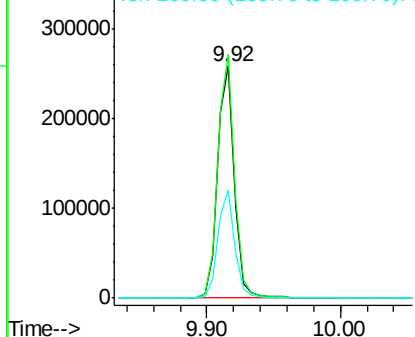


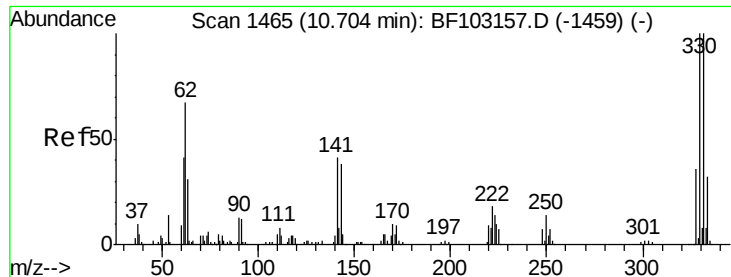
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103240.D
 Acq: 27 Feb 2018 1:29

Tgt Ion	164	Resp	229450
Ion Ratio	Lower	Upper	
164	100		
162	105.0	86.1	129.1
160	46.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

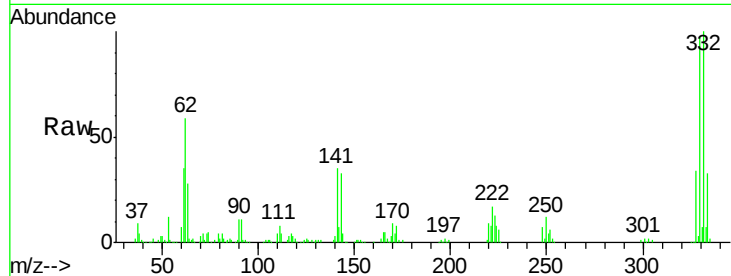




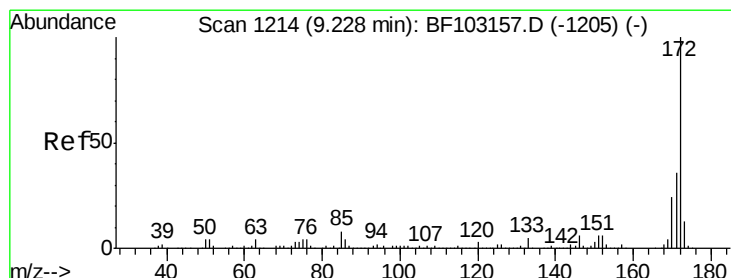
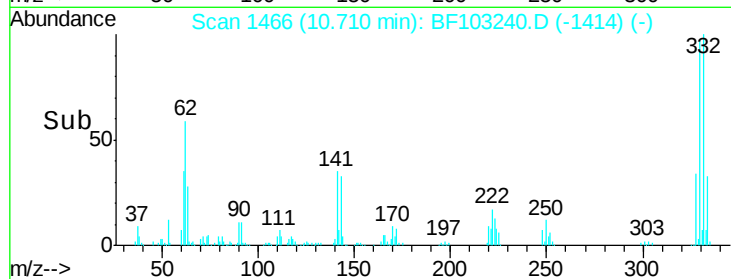
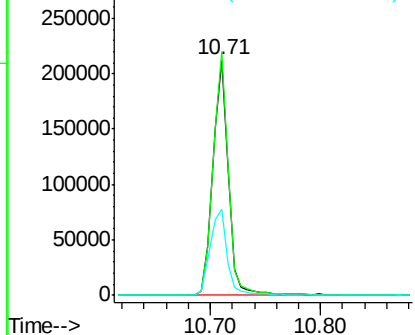
#41
 2,4,6-Tribromophenol
 Concen: 105.948 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103240.D
 Acq: 27 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	40.4	29.9	44.9

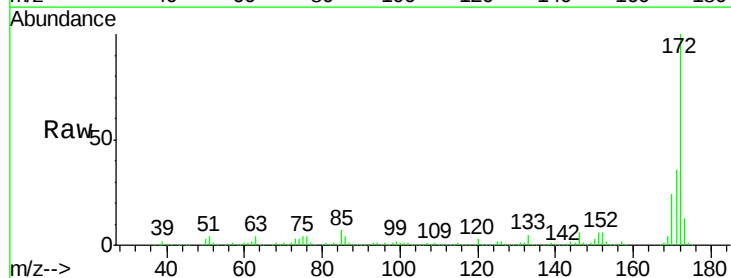


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

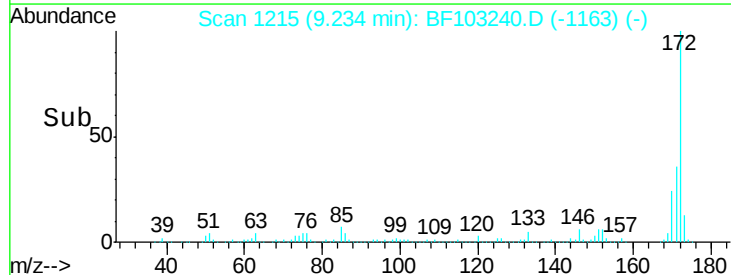
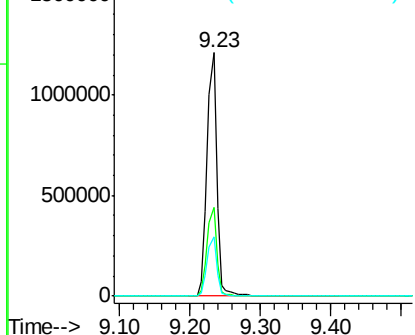


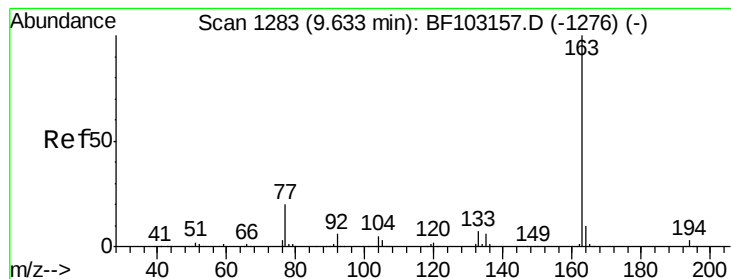
#44
 2-Fluorobiphenyl
 Concen: 89.456 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103240.D
 Acq: 27 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4



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





#49

Dimethylphthalate

Concen: 4.787 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103240.D

Acq: 27 Feb 2018 1:29

Instrument :

BNA_F

ClientSampleId :

RT-1488

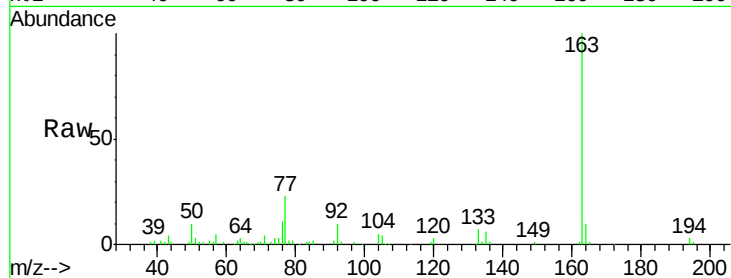
Tot Ion:163 Resp: 88112

Ion Ratio Lower Upper

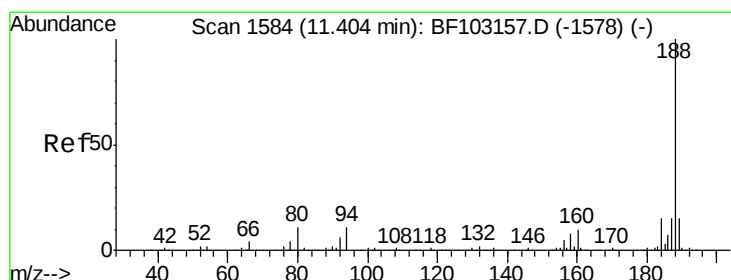
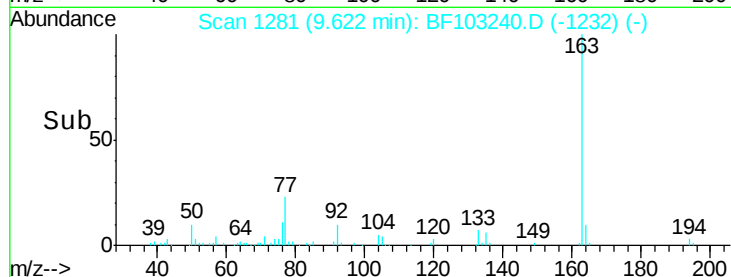
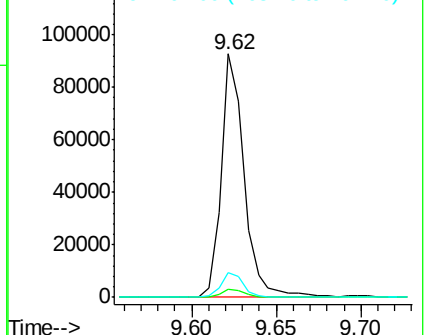
163 100

194 3.1 2.7 4.1

164 10.2 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103240.D

Acq: 27 Feb 2018 1:29

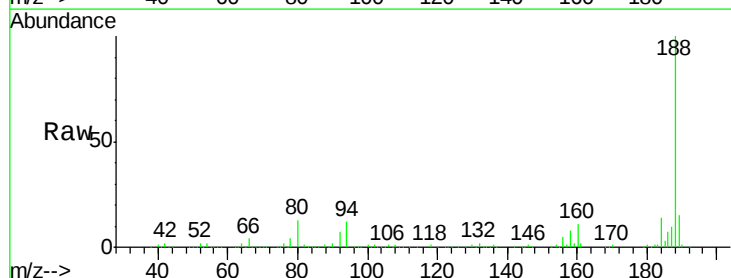
Tgt Ion:188 Resp: 362176

Ion Ratio Lower Upper

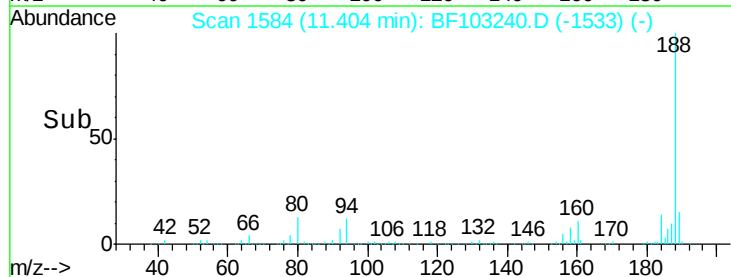
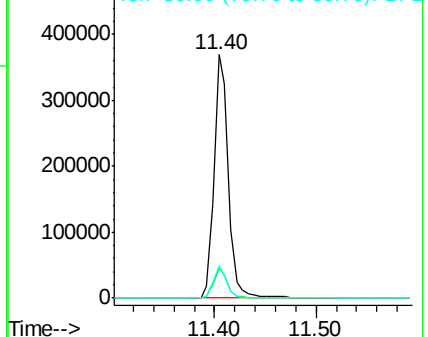
188 100

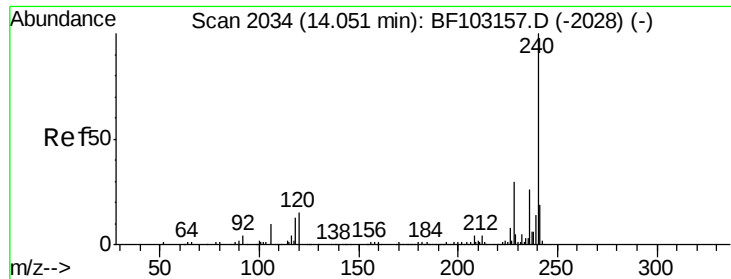
94 12.3 8.5 12.7

80 13.4 9.2 13.8



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

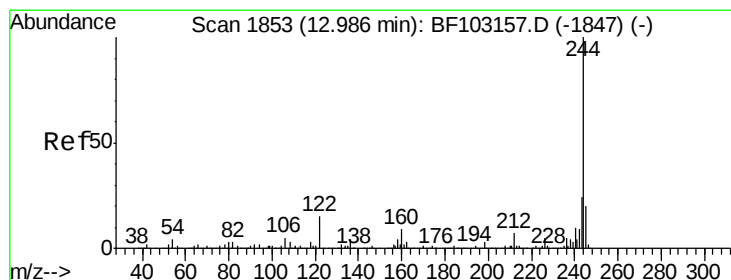
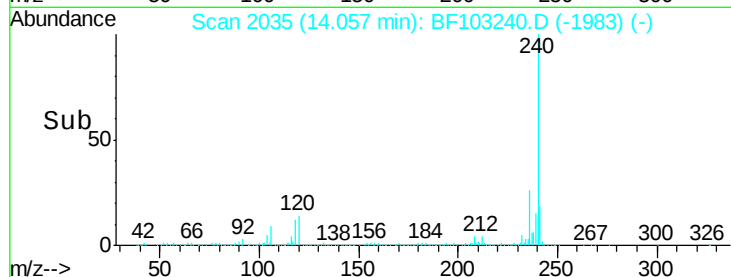
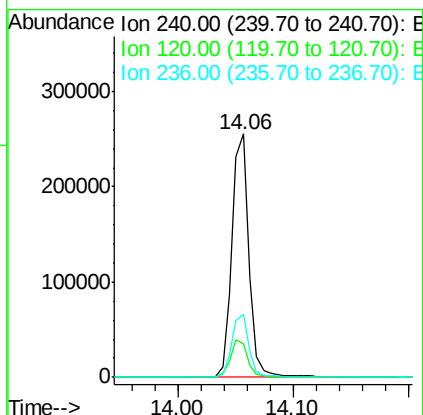
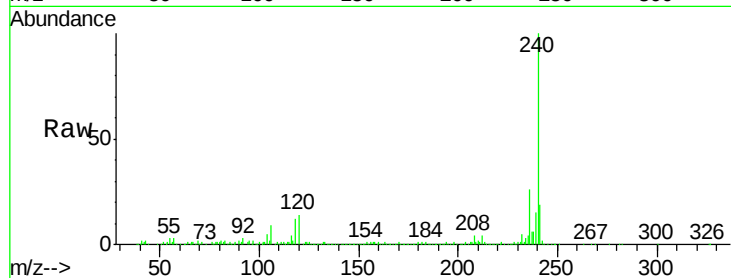




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF103240.D
 Acq: 27 Feb 2018 1:29

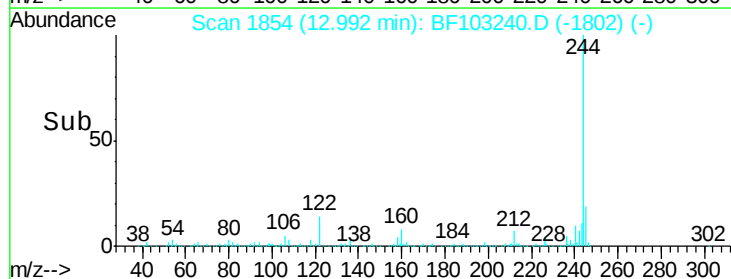
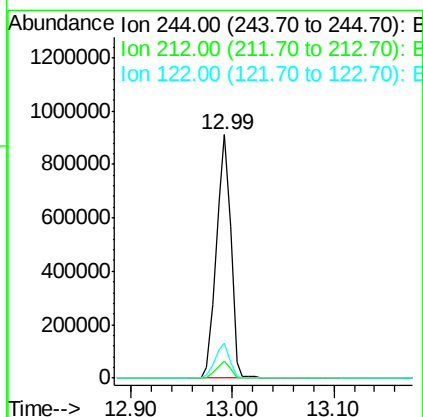
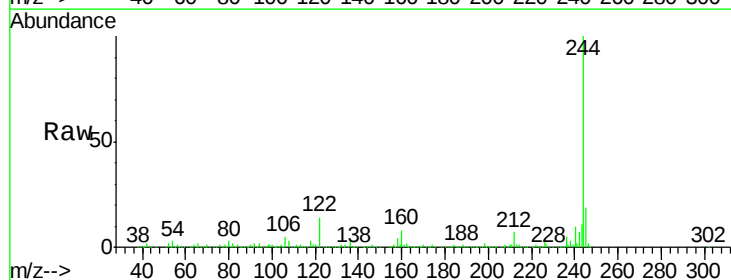
Instrument :
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 RT-1488

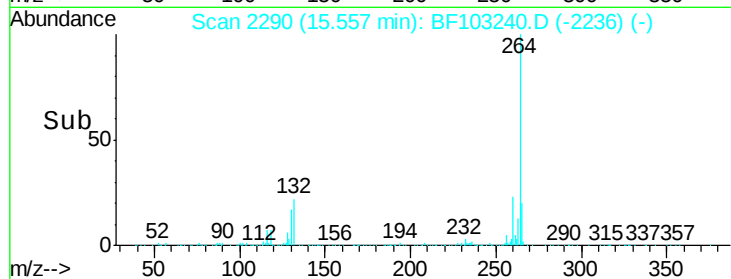
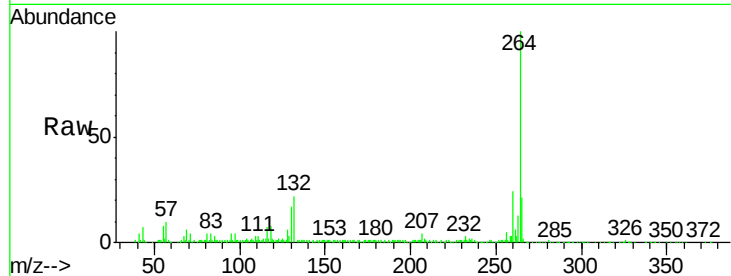
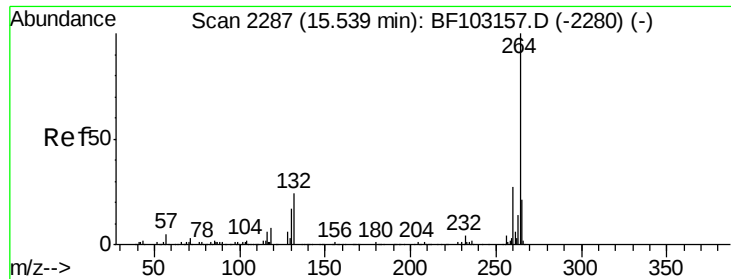
Tot Ion:240 Resp: 259311
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 26.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 83.529 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103240.D
 Acq: 27 Feb 2018 1:29

Tgt Ion:244 Resp: 901049
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.6	17.5	26.3

