

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088566.D
 Acq On : 1 Jul 2016 11:00
 Operator : UM/SJ
 Sample : H3701-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2C

Quant Time: Jul 01 14:01:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

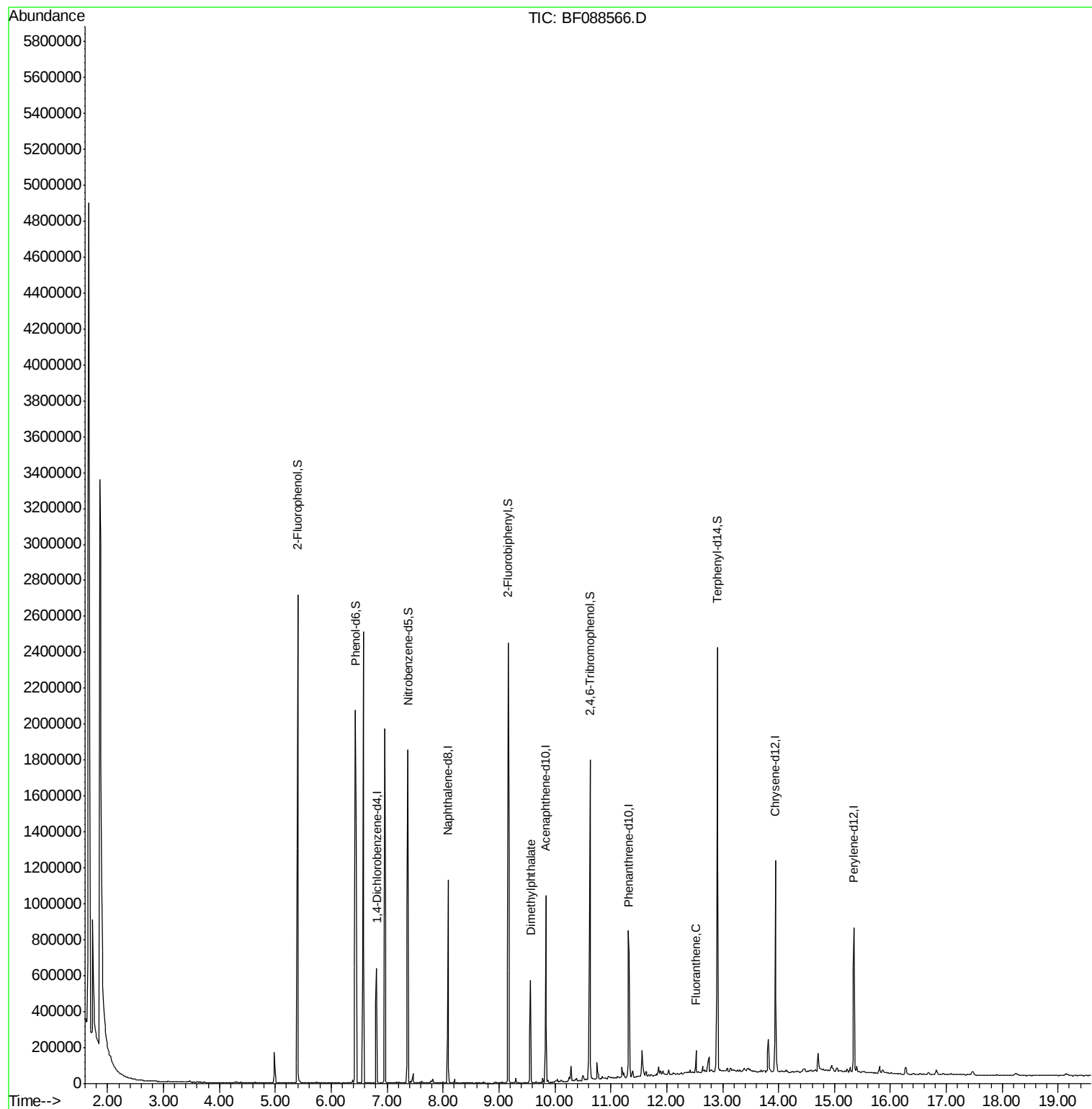
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123426	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	488564	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	214638	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	421453	20.00	ng	0.00
75) Chrysene-d12	13.94	240	388367	20.00	ng	-0.01
86) Perylene-d12	15.35	264	377859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	799227	97.05	ng	0.00
7) Phenol-d6	6.43	99	1092144	102.63	ng	-0.01
23) Nitrobenzene-d5	7.37	82	715527	76.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	211585	106.16	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1011099	74.41	ng	-0.01
78) Terphenyl-d14	12.90	244	902782	51.78	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	268472	17.56	ng	98
74) Fluoranthene	12.53	202	47422	2.03	ng	96

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

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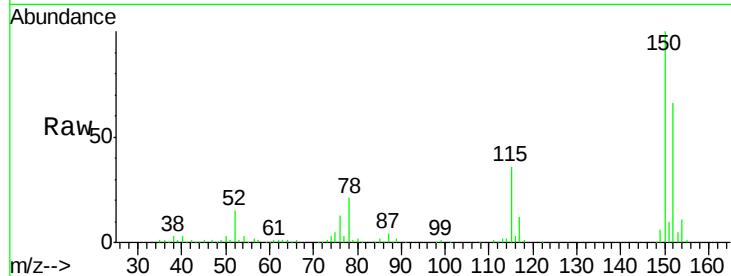


#1

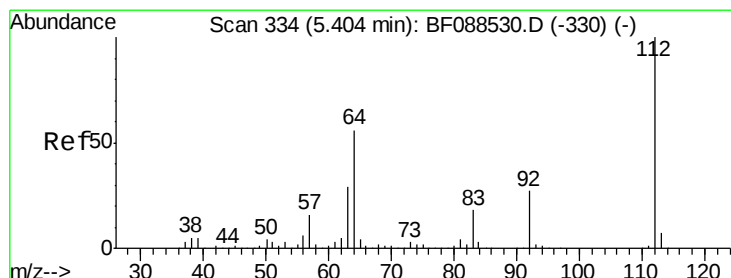
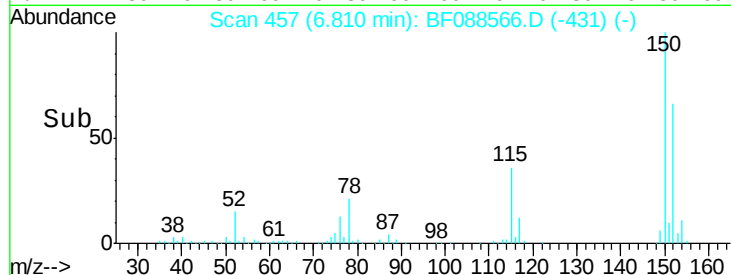
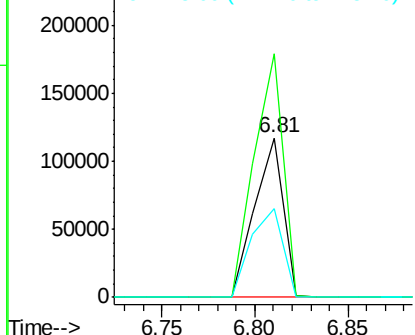
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2C

Tgt Ion:152 Resp: 123426
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 55.4 39.6 59.4



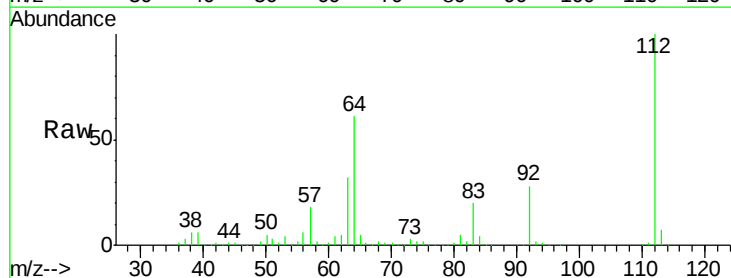
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



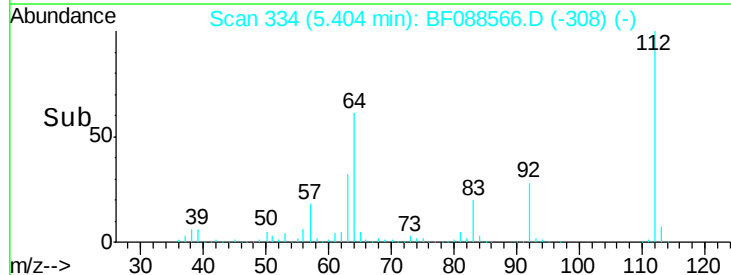
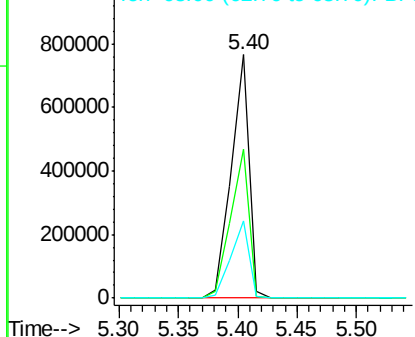
#5

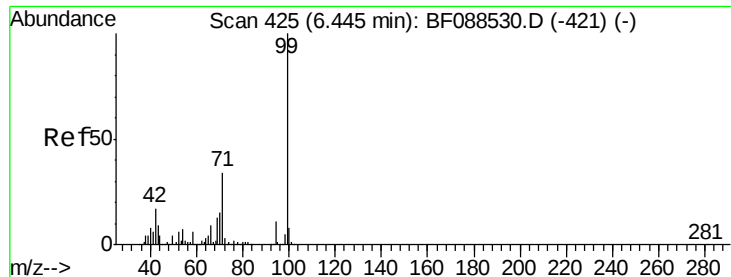
2-Fluorophenol
Concen: 97.05 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Tgt Ion:112 Resp: 799227
Ion Ratio Lower Upper
112 100
64 61.1 42.2 63.2
63 31.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.63 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2C

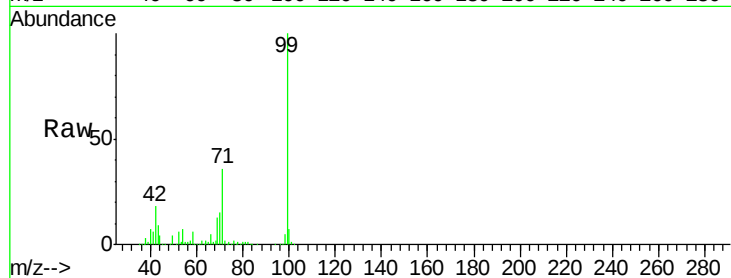
Tgt Ion: 99 Resp: 1092144

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

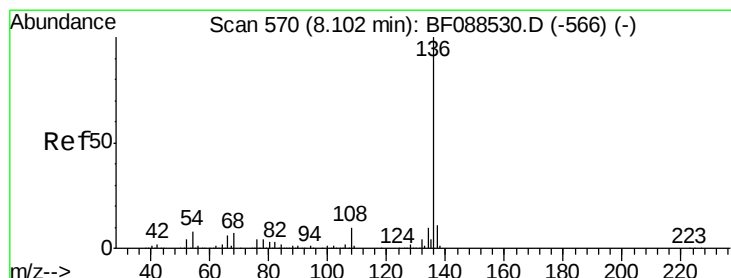
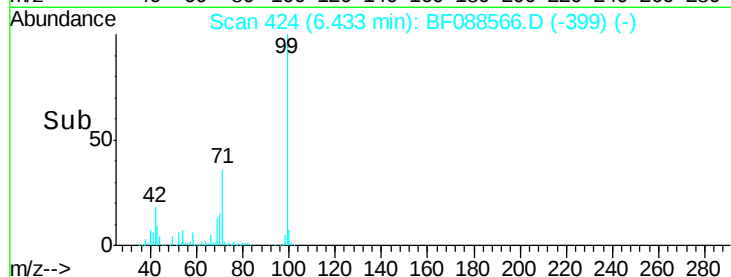
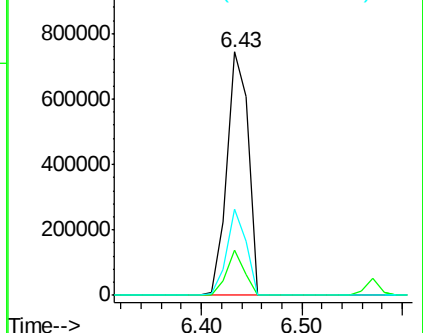
71 35.6 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Tgt Ion: 136 Resp: 488564

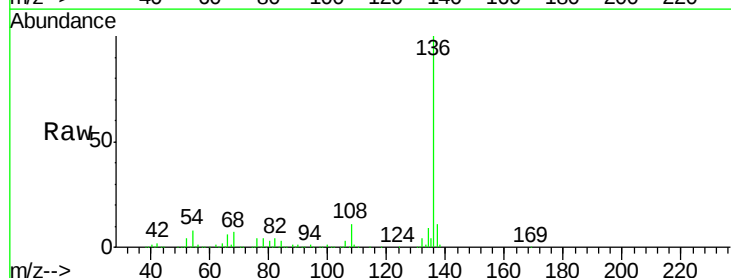
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.2 6.6 10.0

68 7.0 5.1 7.7

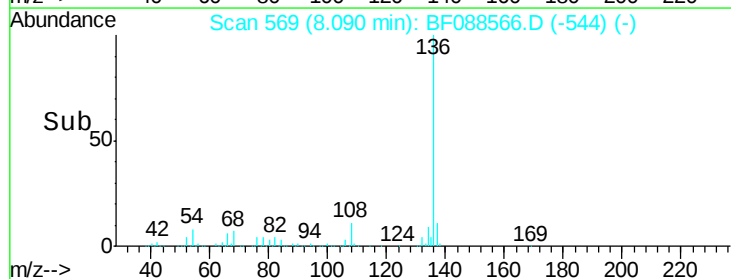
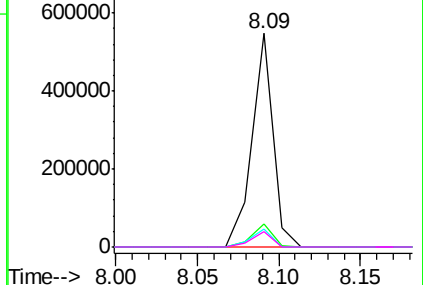


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

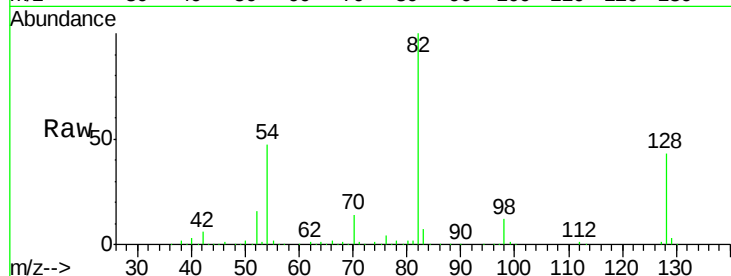




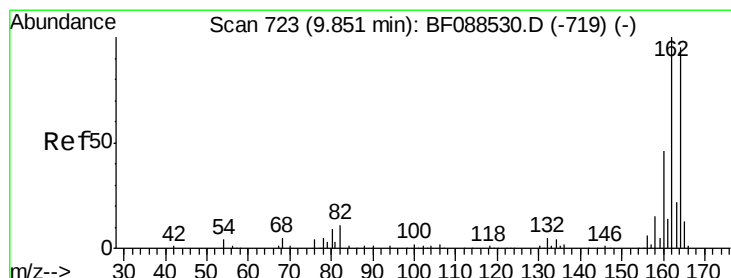
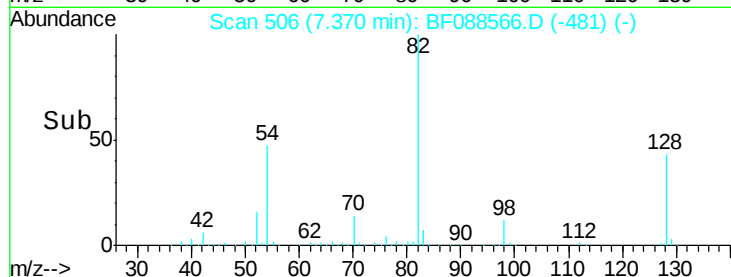
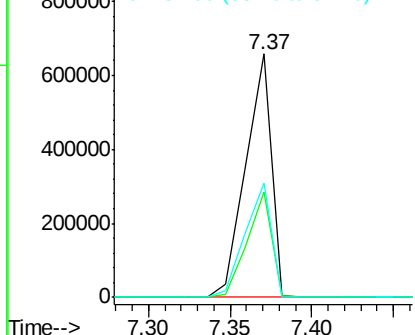
#23
 Nitrobenzene-d5
 Concen: 76.75 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.9	53.9
54	46.8	40.9	61.3

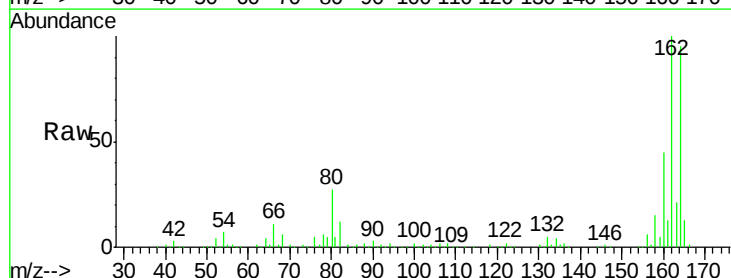


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

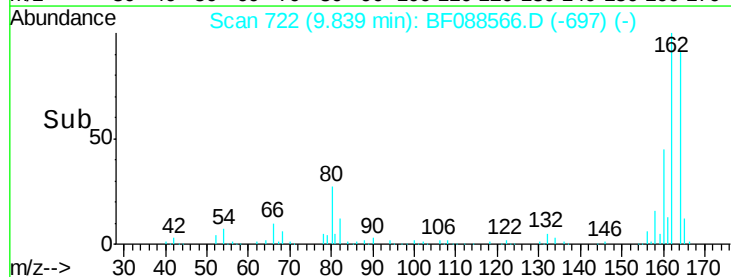
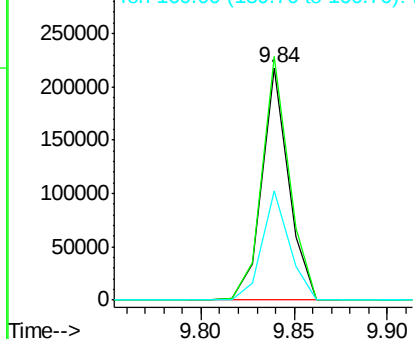


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	46.8	39.5	59.3



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

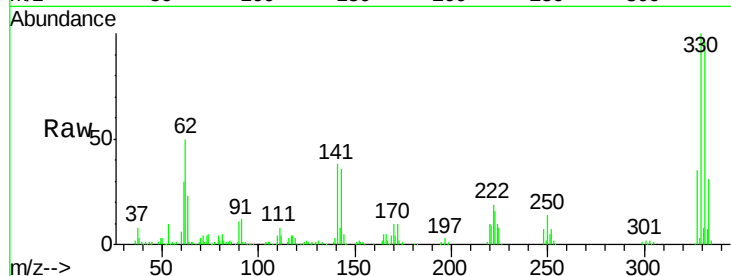




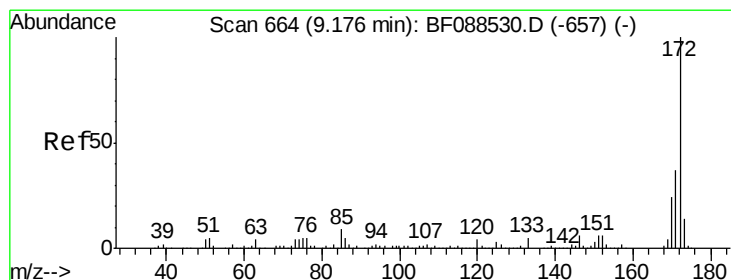
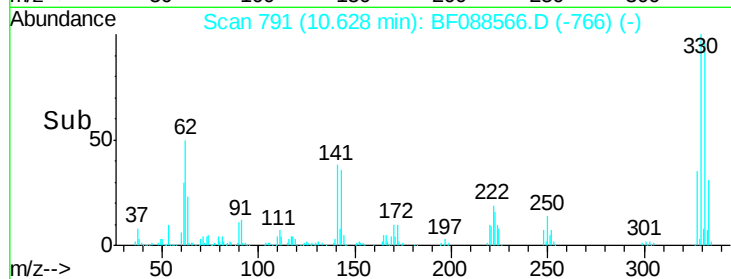
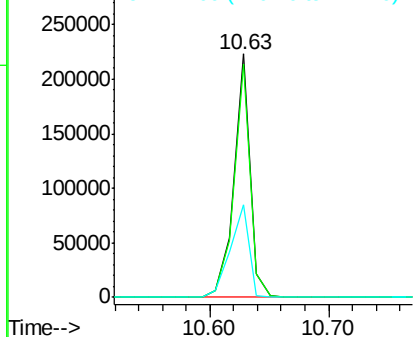
#41
 2,4,6-Tribromophenol
 Concen: 106.16 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	44.5	0.0	0.0#

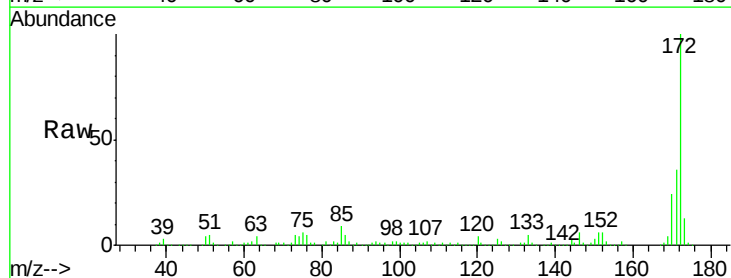


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

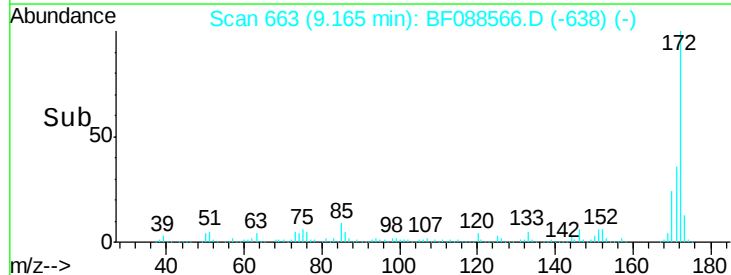
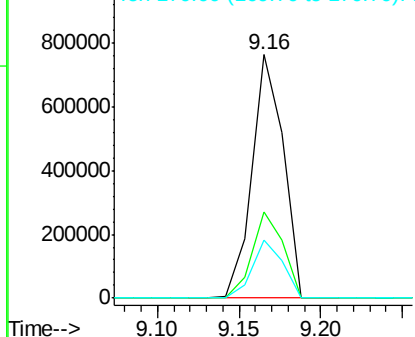


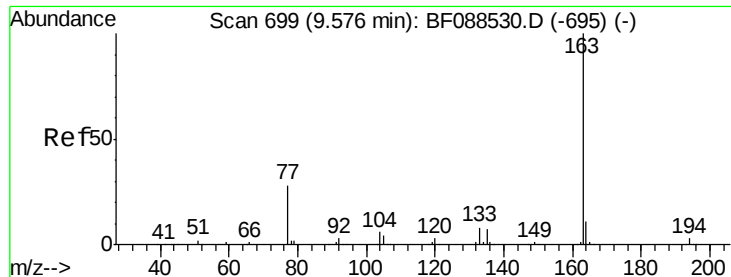
#44
 2-Fluorobiphenyl
 Concen: 74.41 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.2	28.8



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

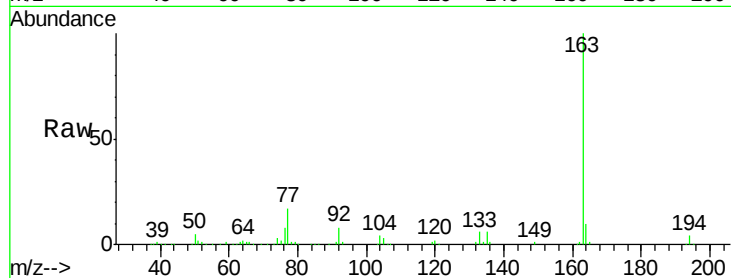




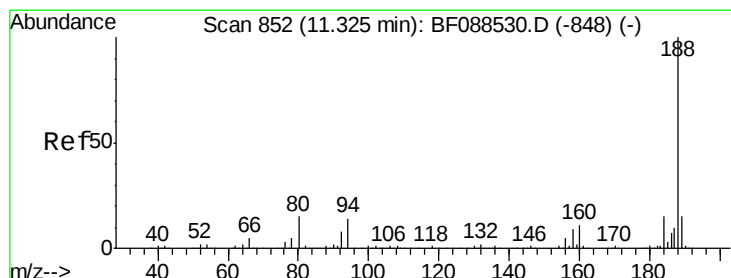
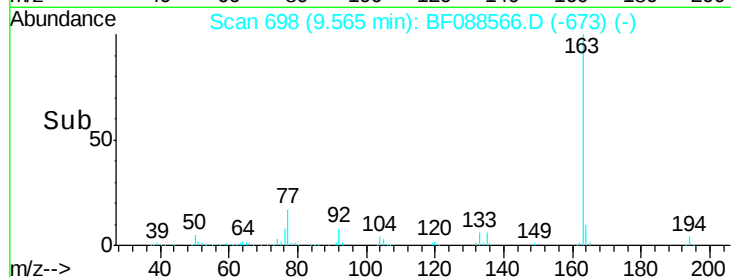
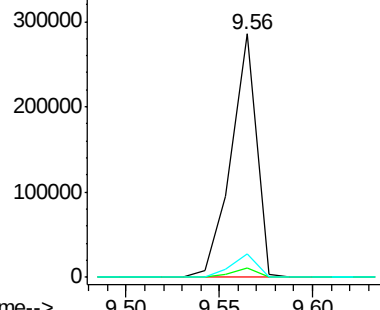
#49
Dimethylphthalate
Concen: 17.56 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2C

Tgt Ion:163 Resp: 268472
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 8.3 12.5

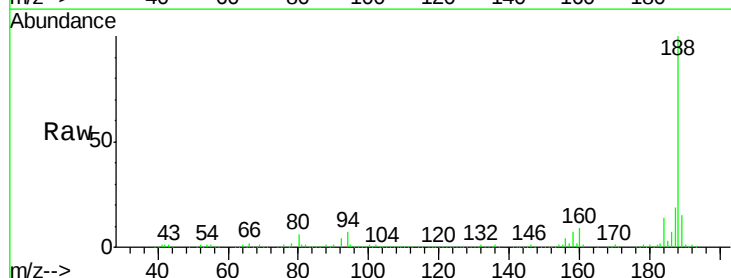


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

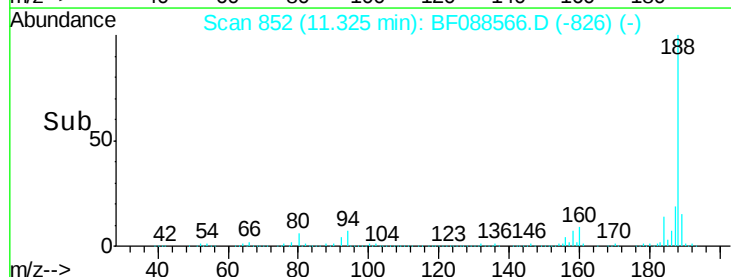
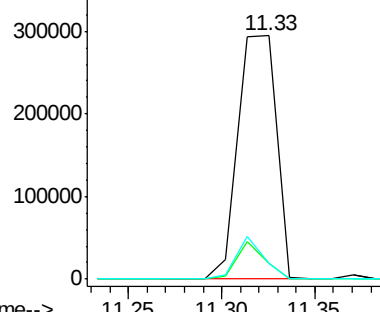


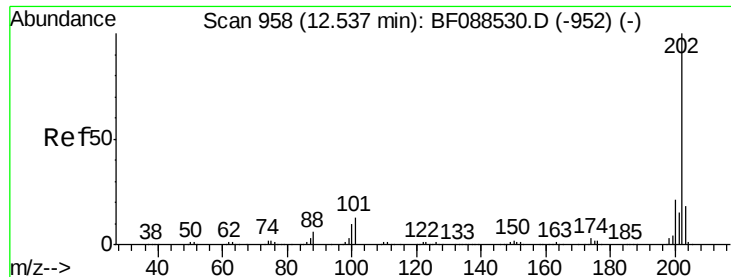
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Tgt Ion:188 Resp: 421453
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.6#
80 6.5 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

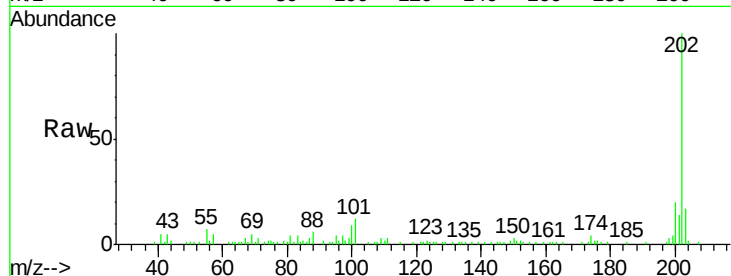




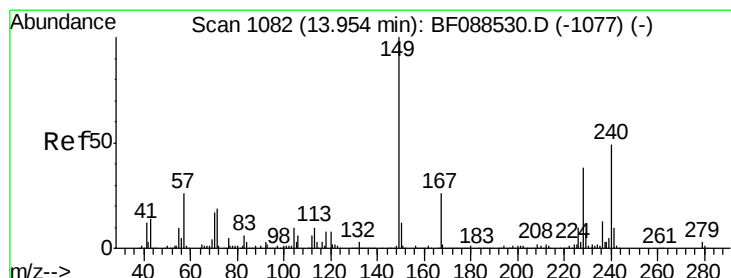
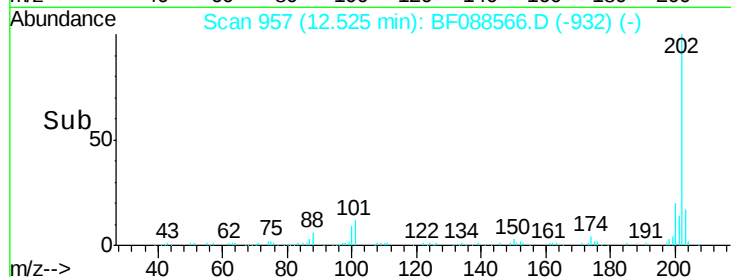
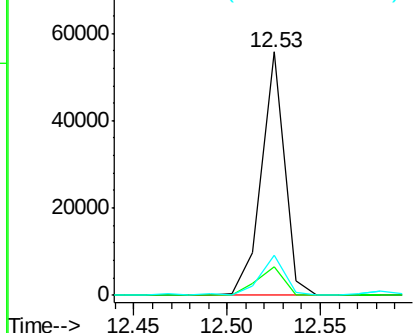
#74
 Fluoranthene
 Concen: 2.03 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2C

Tgt Ion: 202 Resp: 47422
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 33.1
 203 16.6 0.0 38.1

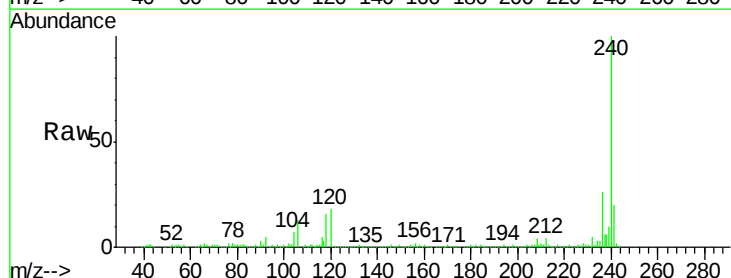


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

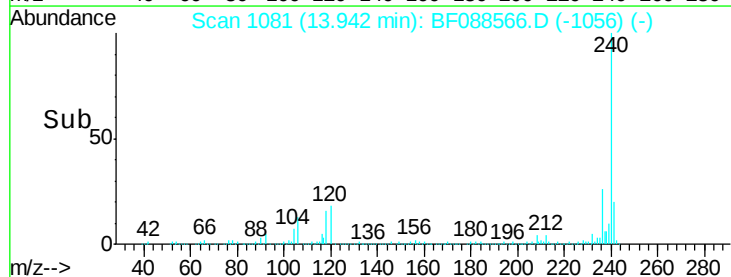
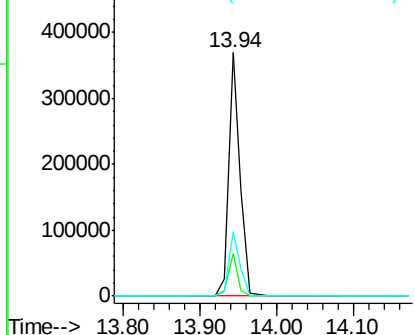


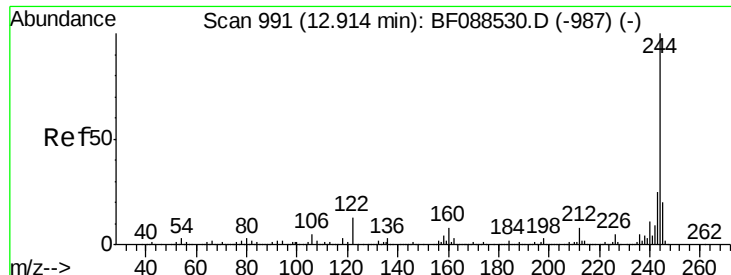
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Tgt Ion: 240 Resp: 388367
 Ion Ratio Lower Upper
 240 100
 120 17.6 6.8 10.2#
 236 26.4 20.2 30.2



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





#78

Terphenyl-d14

Concen: 51.78 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2C

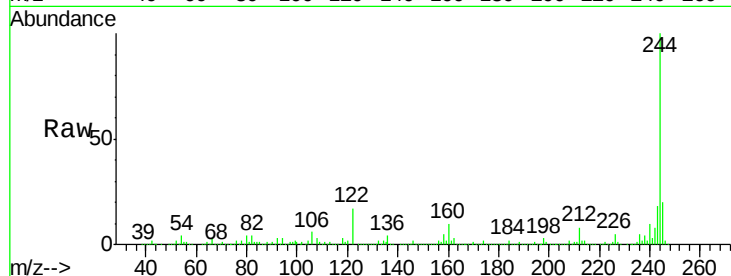
Tgt Ion:244 Resp: 902782

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

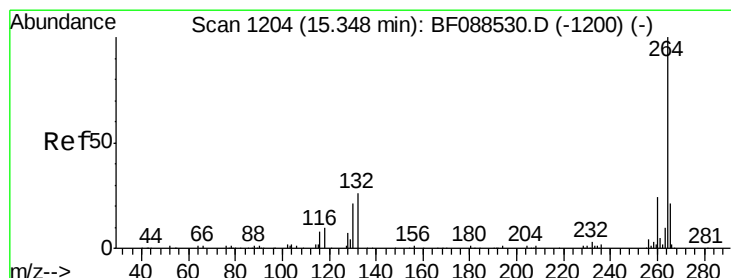
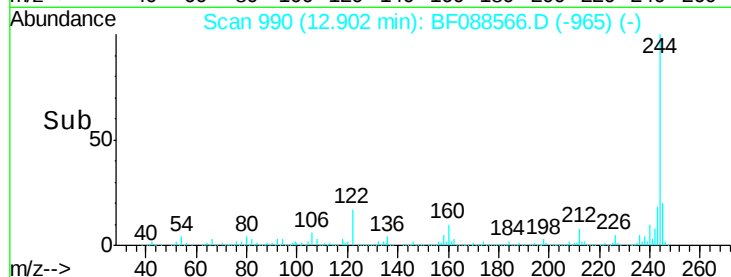
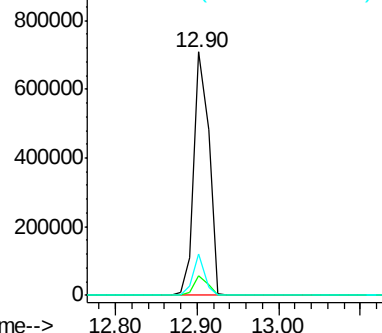
122 16.8 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

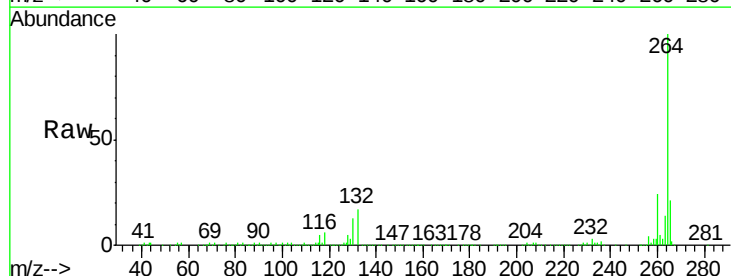
Tgt Ion:264 Resp: 377859

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.4 16.9 25.3



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

