

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092864.D
 Acq On : 8 Feb 2017 20:19
 Operator : SJ/MA
 Sample : I1739-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020217-PR-E-U-M

Quant Time: Feb 09 00:23:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139135	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	583112	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	299991	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	517696	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	508126	20.00	ng	-0.01
86) Perylene-d12	15.51	264	468826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	306904	37.84	ng	0.00
7) Phenol-d6	6.52	99	233791	22.40	ng	-0.01
23) Nitrobenzene-d5	7.46	82	815098	77.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	194110	89.46	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1488775	89.91	ng	-0.01
78) Terphenyl-d14	13.00	244	1688661	78.09	ng	-0.01

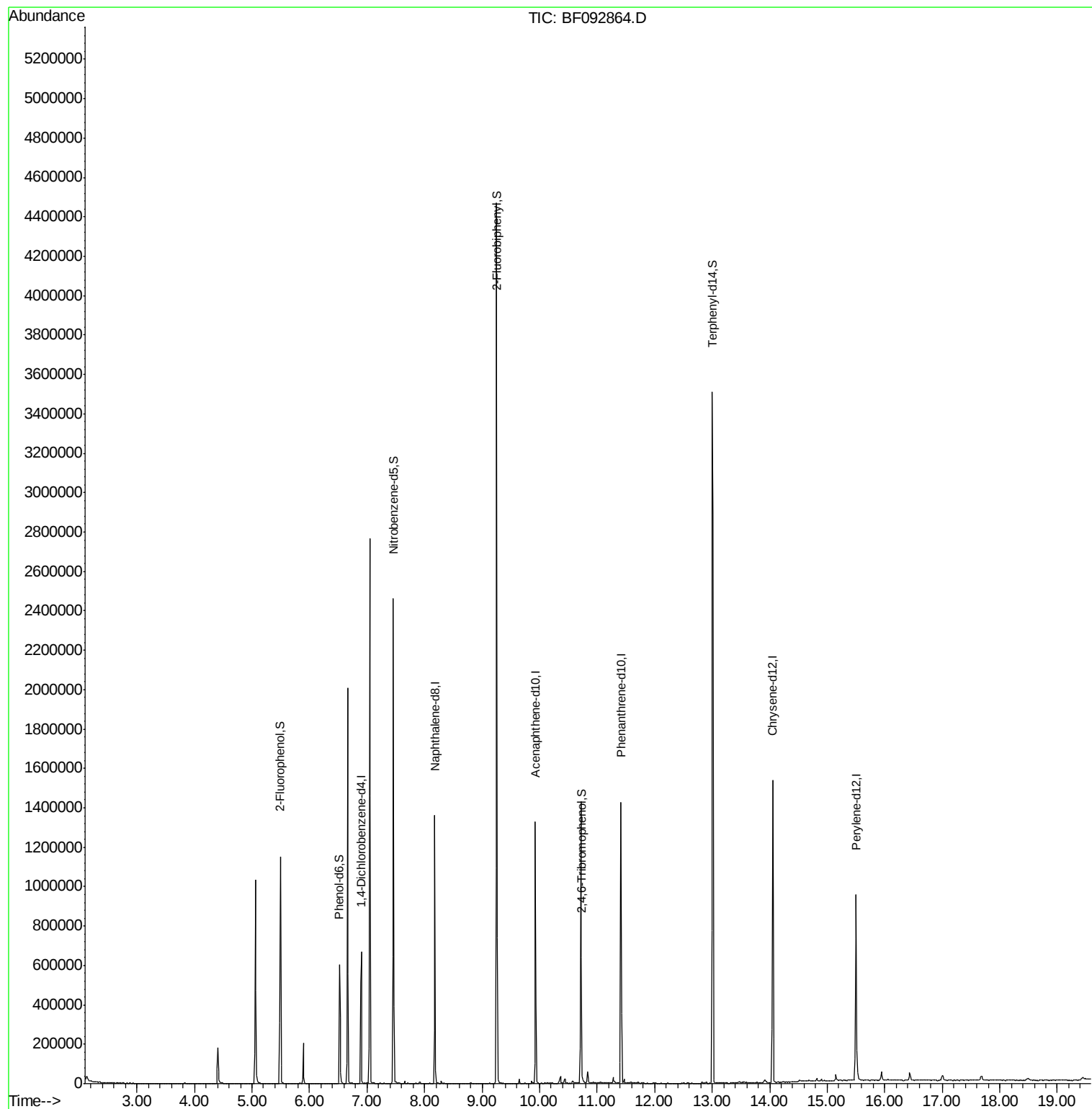
Target Compounds Qvalue

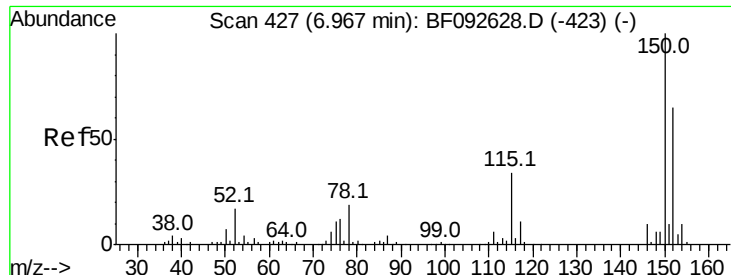
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 08 23:48:40 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092864.D

Acq: 8 Feb 2017 20:19

Instrument :

BNA_F

ClientSampleId :

020217-PR-E-U-M

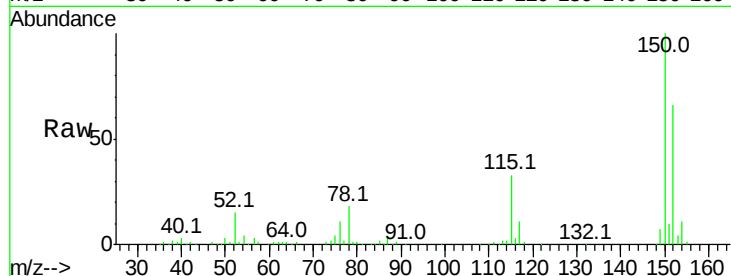
Tot Ion:152 Resp: 139135

Ion Ratio Lower Upper

152 100

150 151.7 124.9 187.3

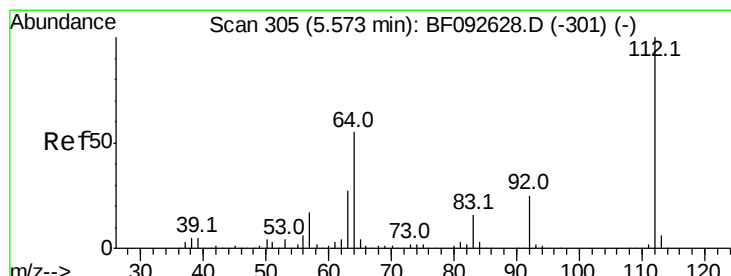
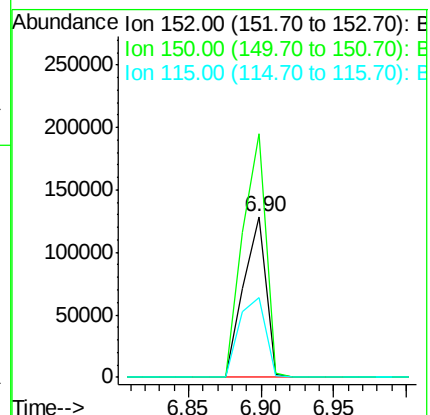
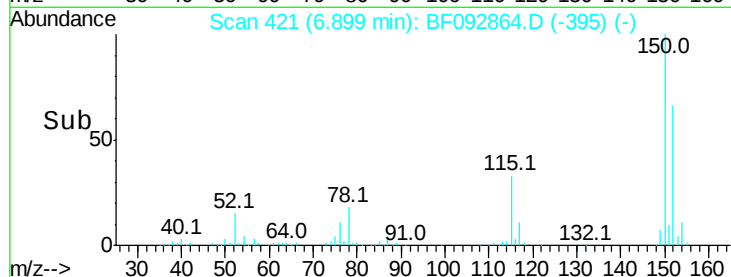
115 50.1 46.0 69.0



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: 37.84 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF092864.D

Acq: 8 Feb 2017 20:19

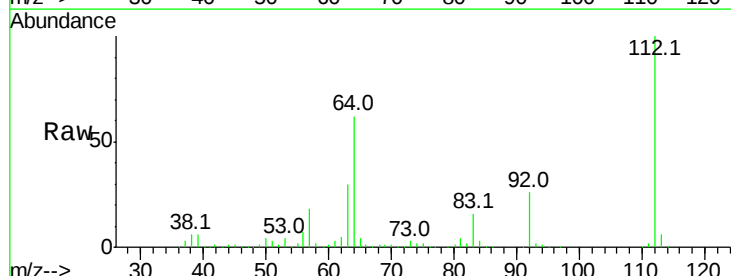
Tgt Ion:112 Resp: 306904

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

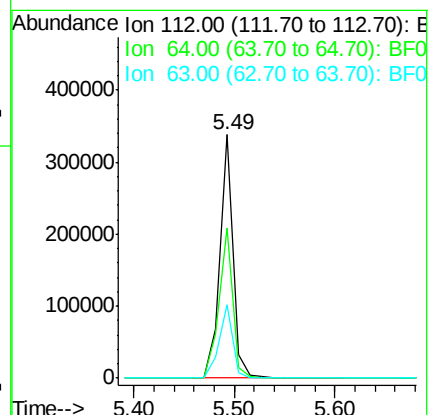
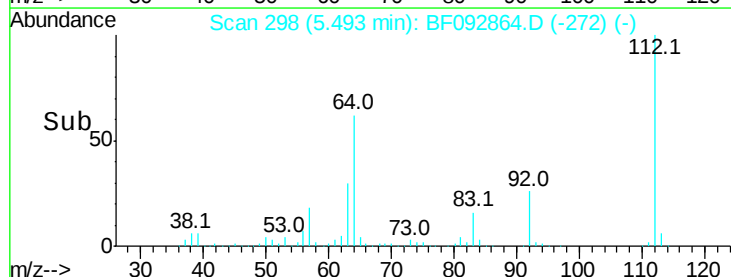
63 30.4 23.8 35.6

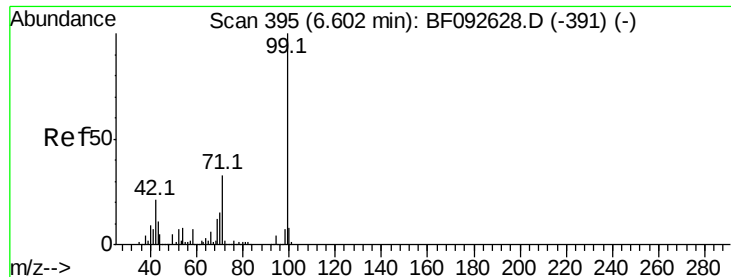


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092864.D

Acq: 8 Feb 2017 20:19

Instrument :

BNA_F

ClientSampleId :

020217-PR-E-U-M

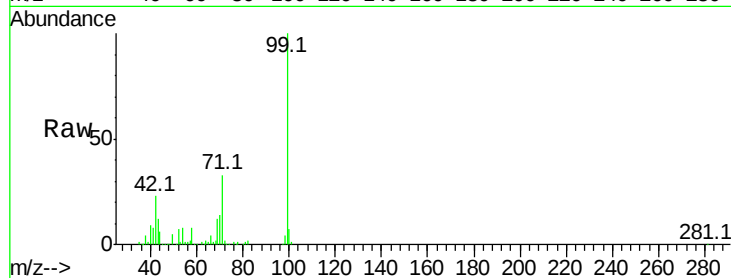
Tot Ion: 99 Resp: 233791

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

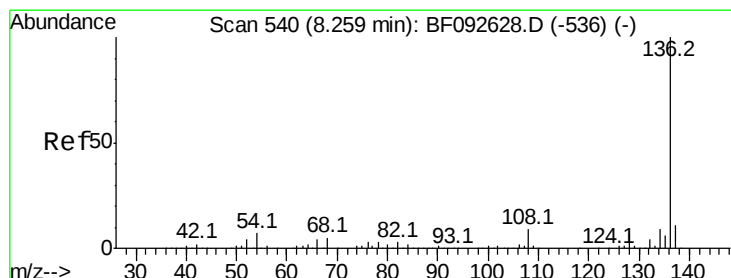
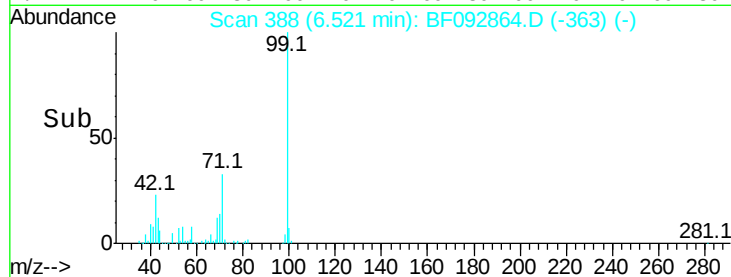
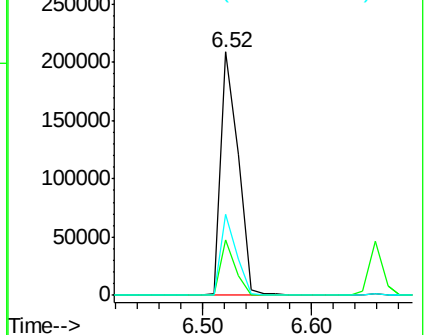
71 33.1 27.5 41.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092864.D

Acq: 8 Feb 2017 20:19

Tgt Ion: 136 Resp: 583112

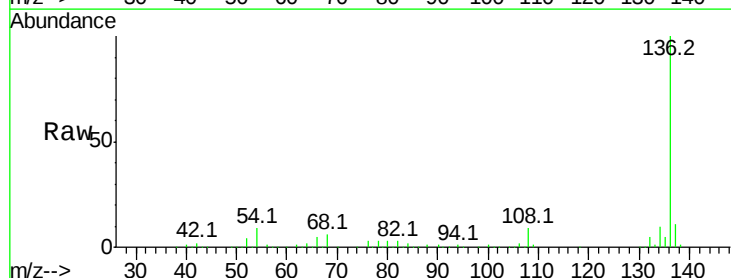
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.0 4.5 6.7#

68 6.1 3.6 5.4#

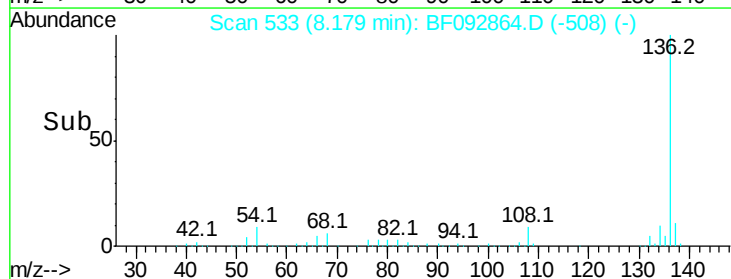
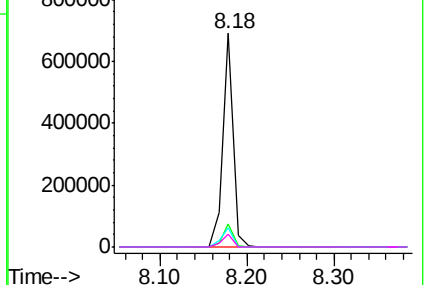


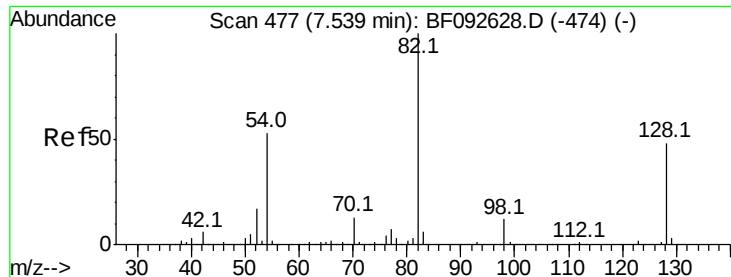
Abundance Ion 136.00 (135.70 to 136.70): E

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



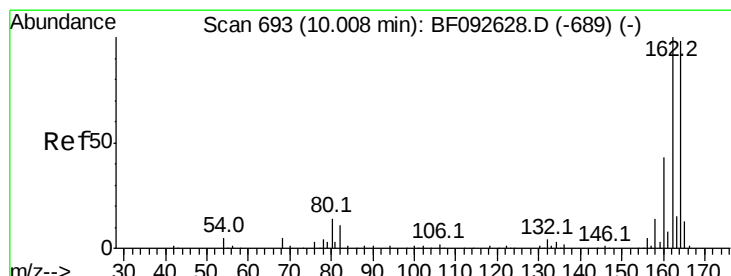
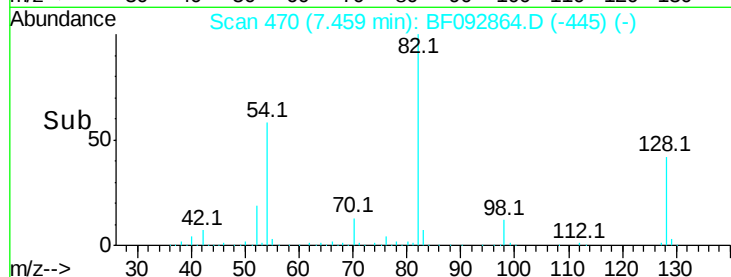
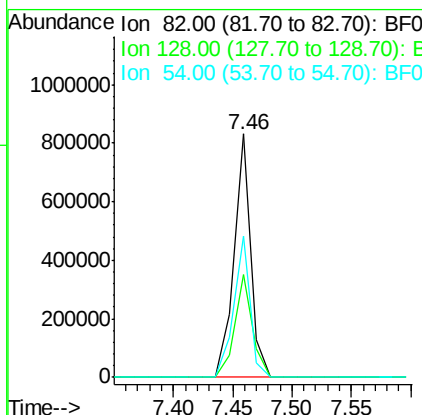
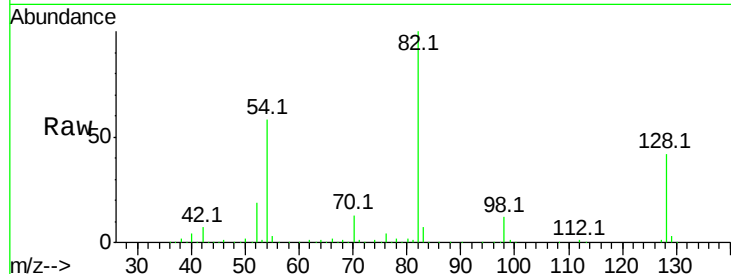


#23
 Nitrobenzene-d5
 Concen: 77.84 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092864.D
 Acq: 8 Feb 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 020217-PR-E-U-M

Tot Ion: 82 Resp: 815098

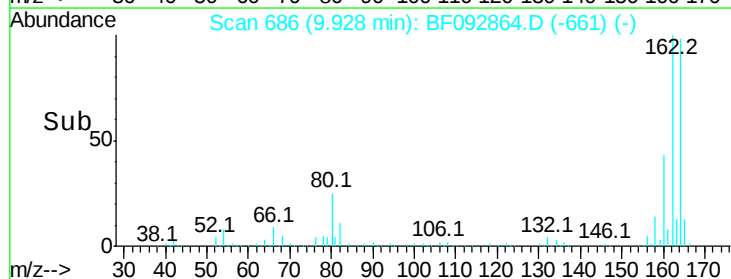
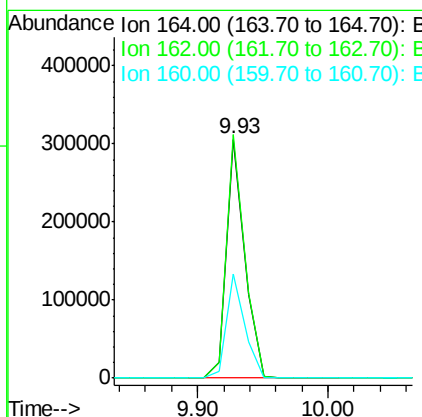
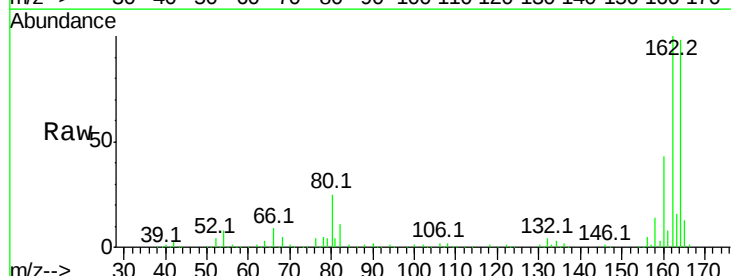
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	57.8	39.5	59.3

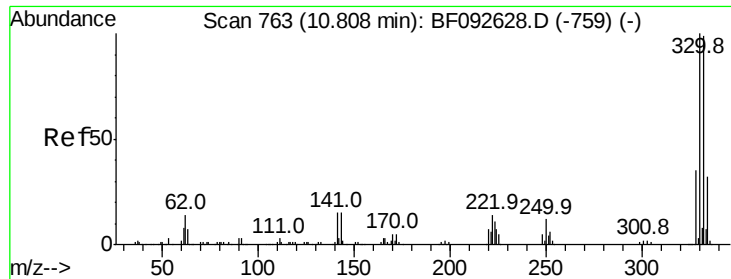


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF092864.D
 Acq: 8 Feb 2017 20:19

Tgt Ion: 164 Resp: 299991

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	43.9	36.9	55.3

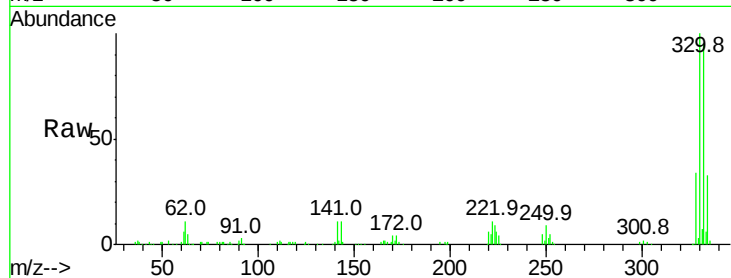




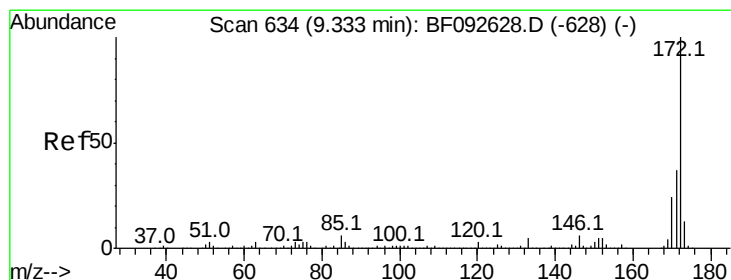
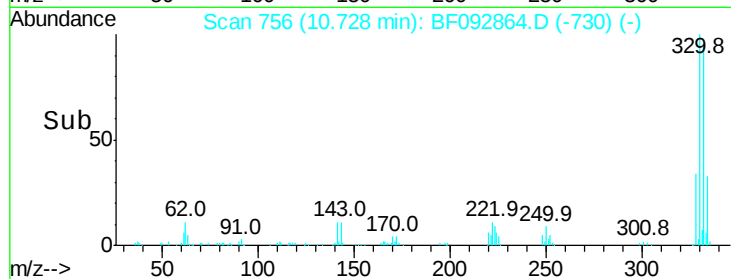
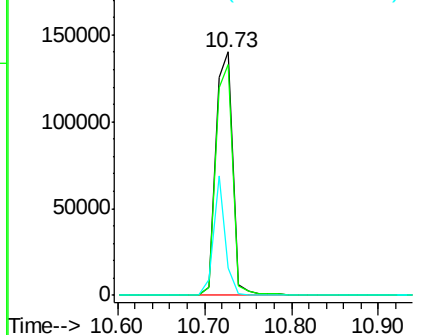
#41
 2,4,6-Tribromophenol
 Concen: 89.46 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF092864.D
 Acq: 8 Feb 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 020217-PR-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	34.2	34.1	51.1

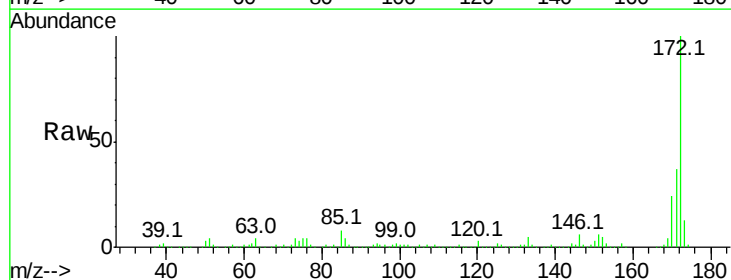


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

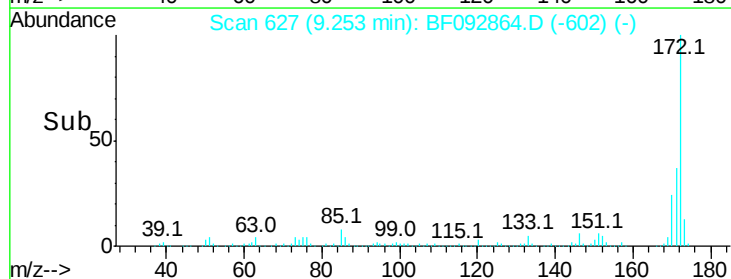
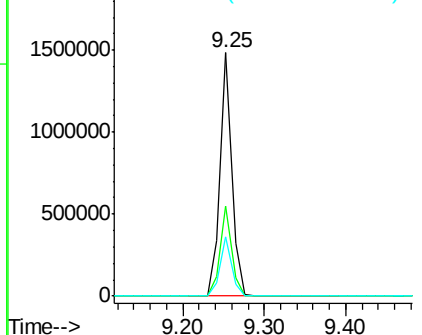


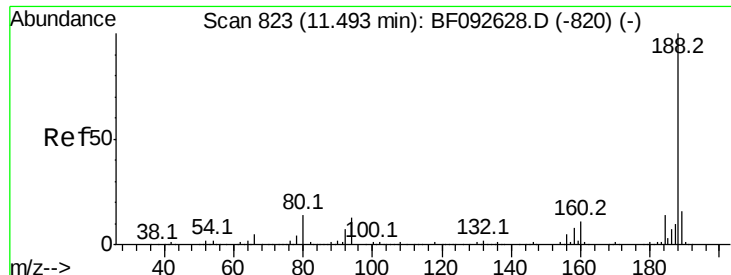
#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092864.D
 Acq: 8 Feb 2017 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.4	20.2	30.4



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

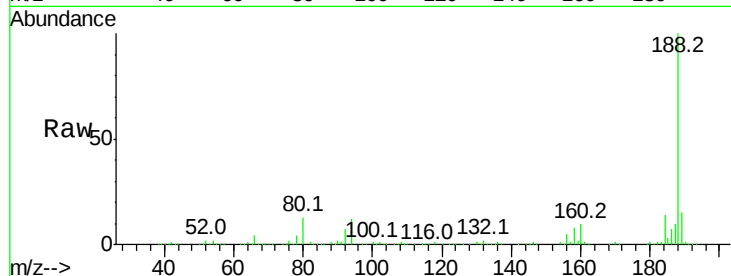




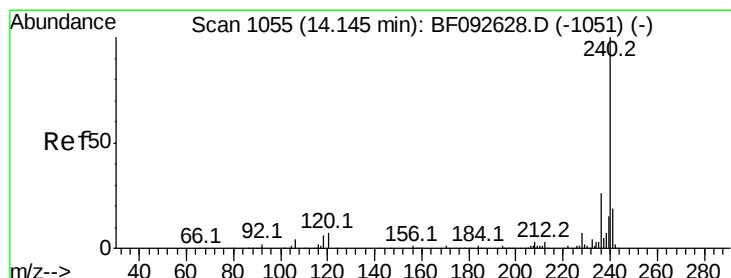
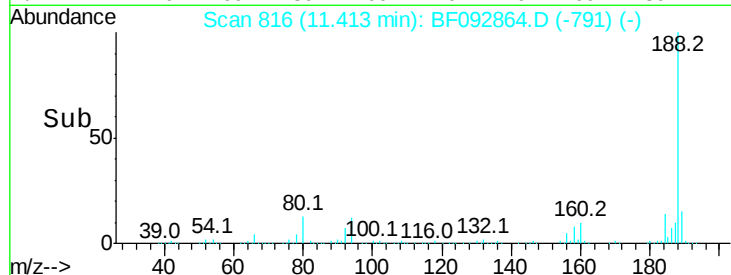
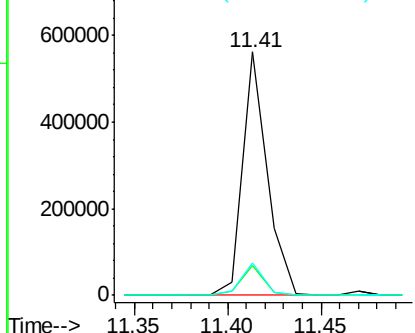
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Instrument :
BNA_F
ClientSampleId :
020217-PR-E-U-M

Tot Ion:188 Resp: 517696
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 13.4 11.2 16.8

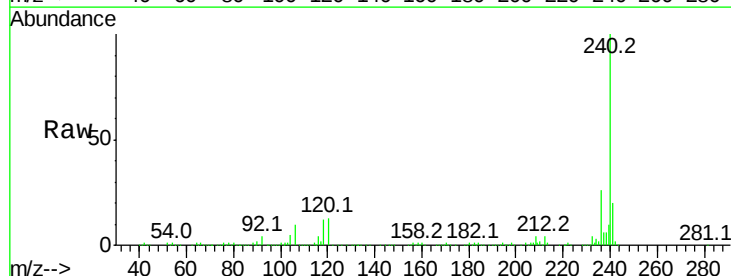


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

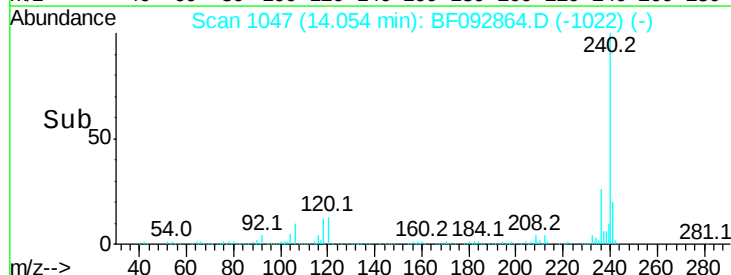
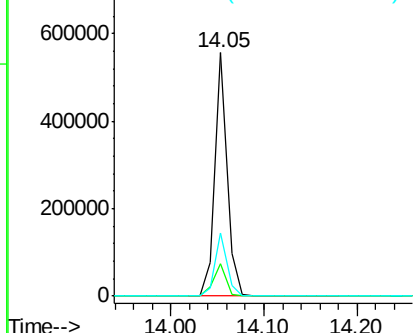


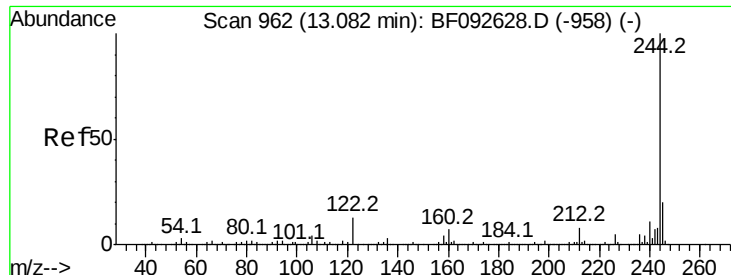
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092864.D
Acq: 8 Feb 2017 20:19

Tgt Ion:240 Resp: 508126
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 26.0 20.9 31.3



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: 78.09 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092864.D

Acq: 8 Feb 2017 20:19

Instrument :

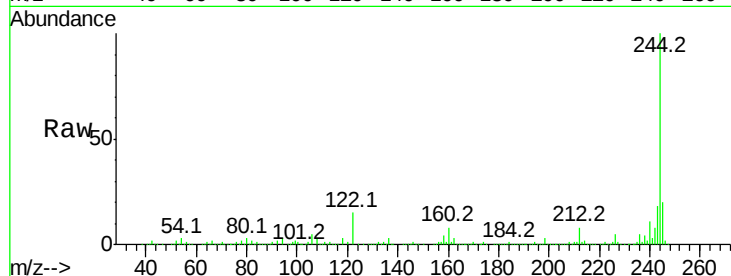
BNA_F

ClientSampleId :

020217-PR-E-U-M

Tot Ion:244 Resp: 1688661

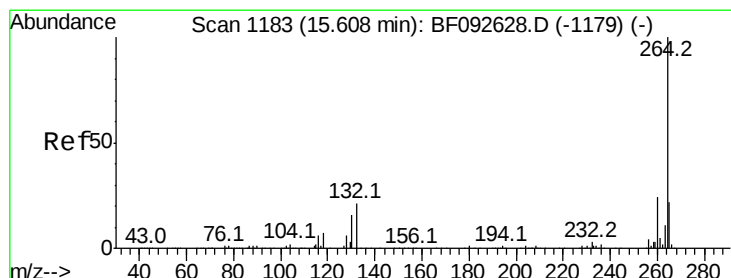
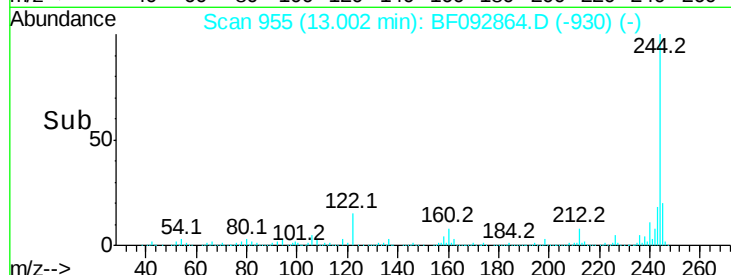
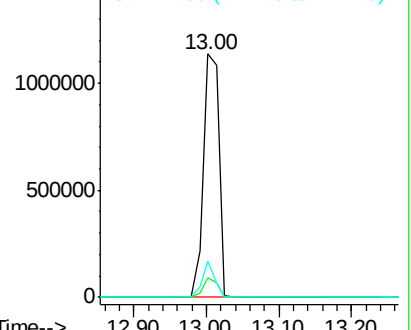
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.7	11.4	17.2



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: 15.51 min Scan# 1174

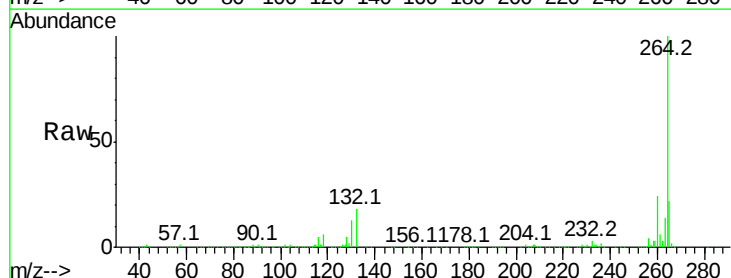
Delta R.T. -0.00 min

Lab File: BF092864.D

Acq: 8 Feb 2017 20:19

Tgt Ion:264 Resp: 468826

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.4	26.0



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

