

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092566.D
 Acq On : 27 Jan 2017 10:10
 Operator : SJ/MA
 Sample : I1312-10RE
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WC011817-LIQUIDRE

Quant Time: Jan 27 11:54:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170453	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	652721	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	377739	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	610819	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	450913	20.00	ng	-0.01
86) Perylene-d12	15.64	264	337498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	256678	23.43	ng	0.01
7) Phenol-d6	6.59	99	242911	17.41	ng	0.00
23) Nitrobenzene-d5	7.53	82	341435	28.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	120004	46.62	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	679266	33.25	ng	-0.01
78) Terphenyl-d14	13.11	244	625776	36.96	ng	-0.01

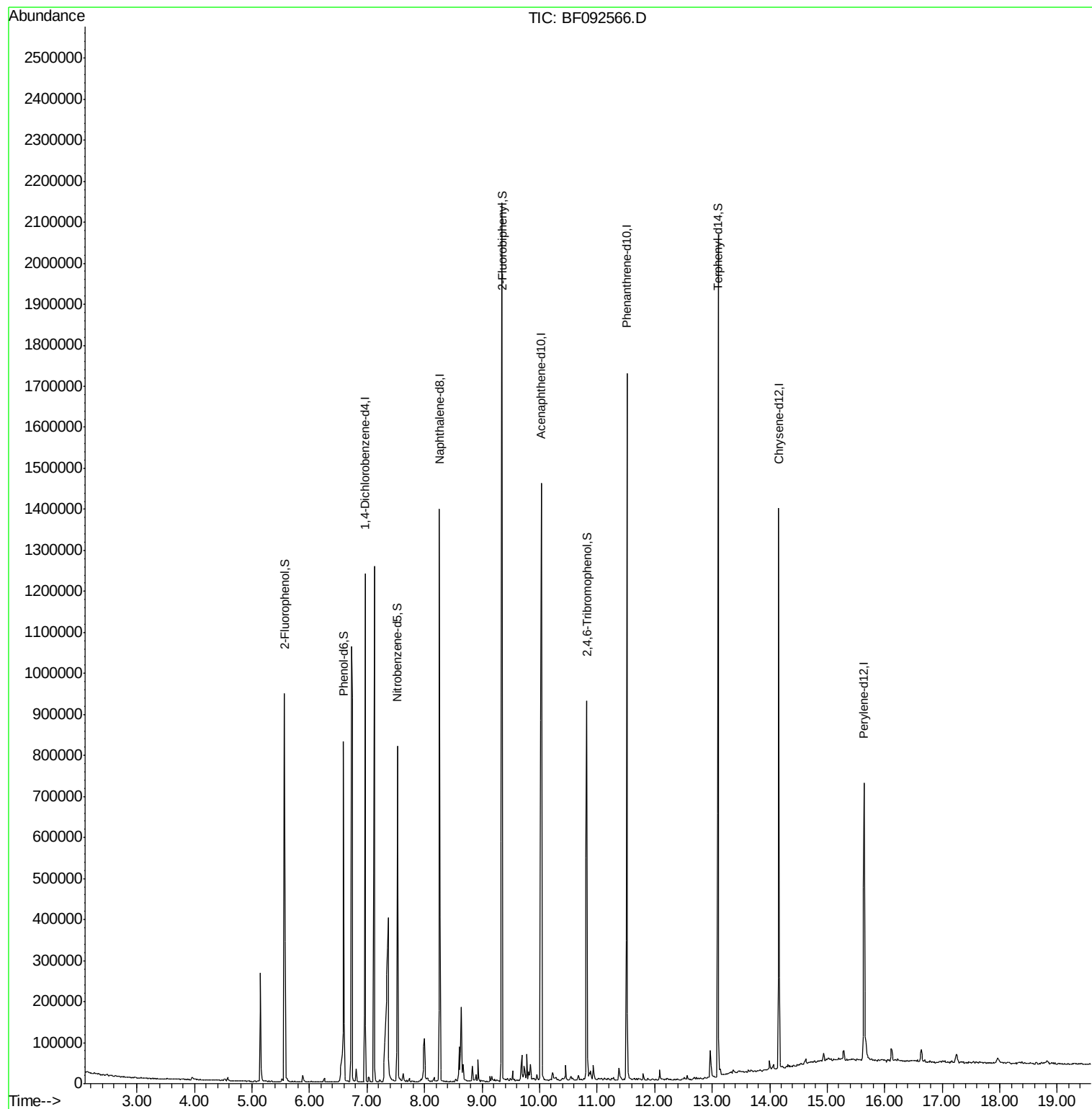
Target Compounds Qvalue

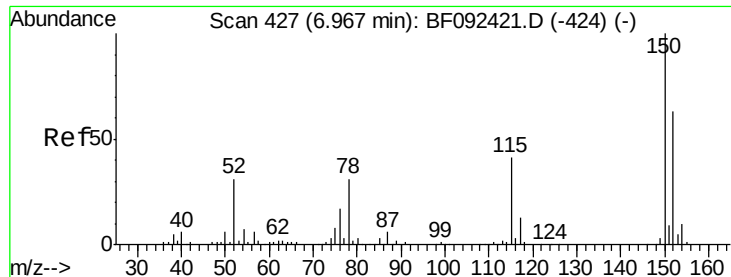
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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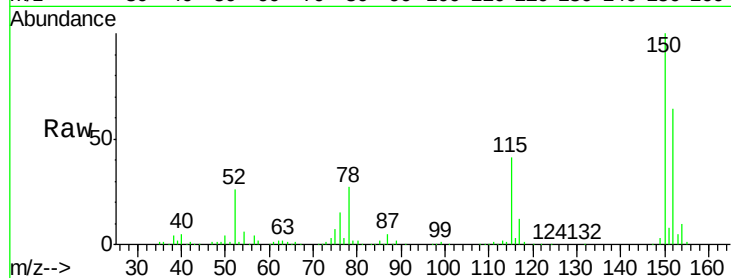


#1

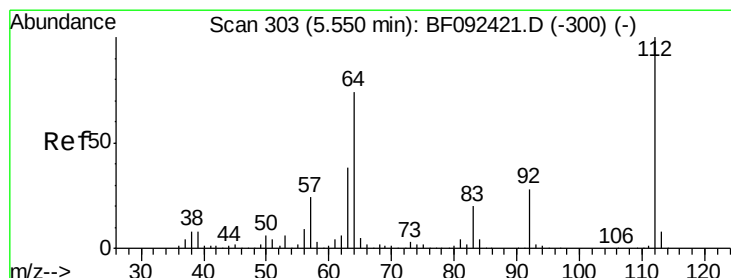
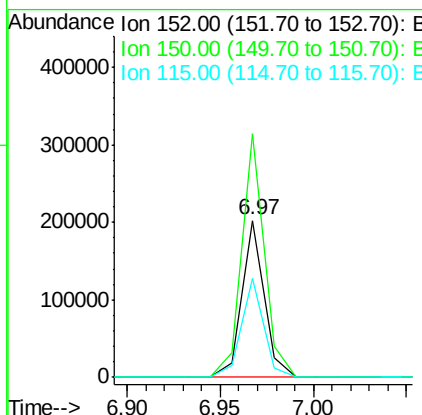
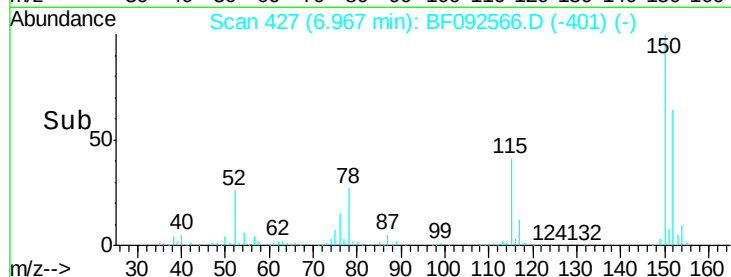
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Instrument :
BNA_F
ClientSampleId :
CAS-WC011817-LIQUIDRE

Tot Ion:152 Resp: 170453
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 63.2 46.0 69.0



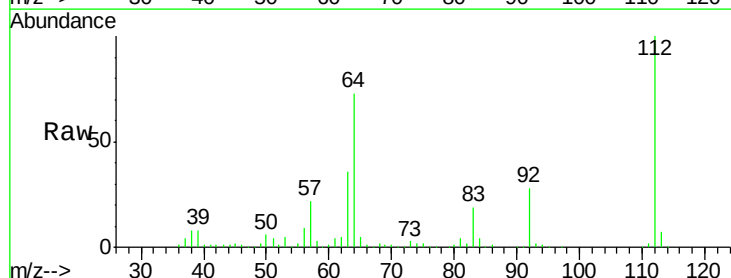
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



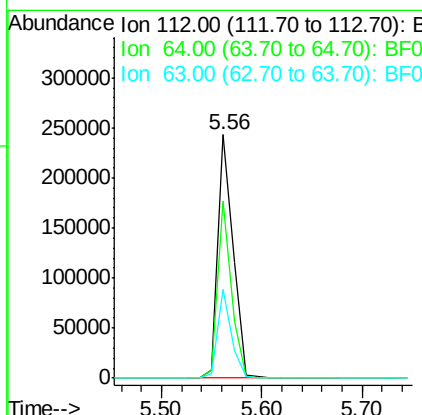
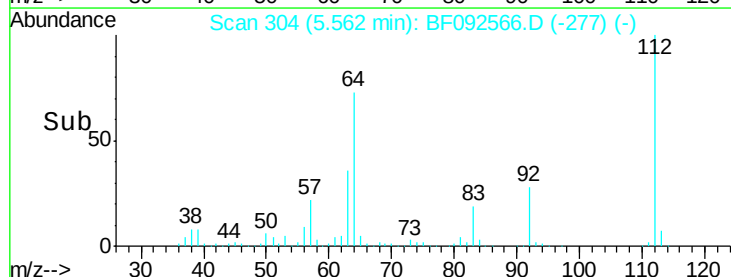
#5

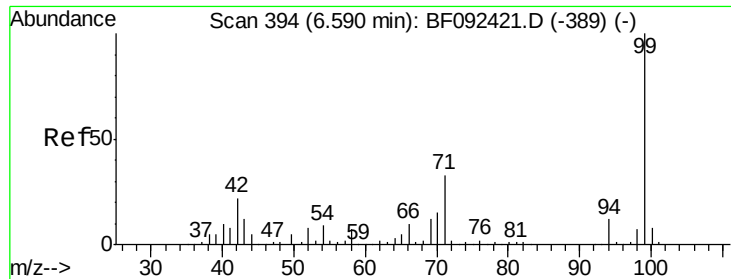
2-Fluorophenol
Concen: 23.43 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion:112 Resp: 256678
Ion Ratio Lower Upper
112 100
64 72.8 46.1 69.1#
63 36.4 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: 17.41 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

Instrument :

BNA_F

ClientSampleId :

CAS-WC011817-LIQUIDRE

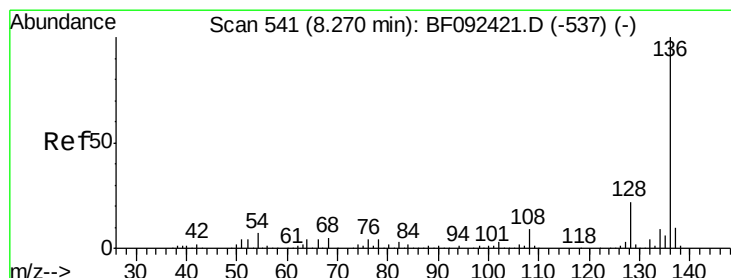
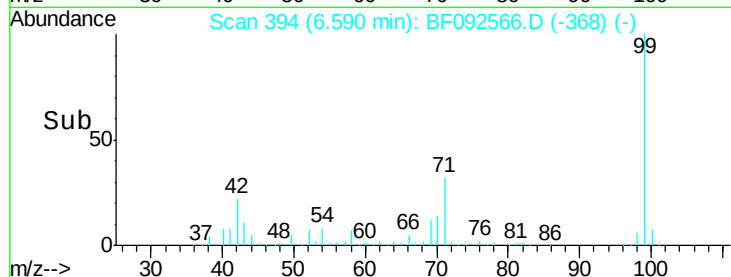
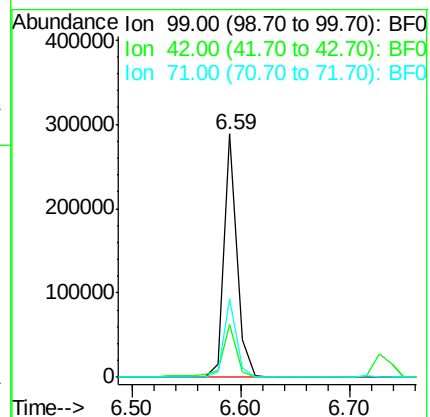
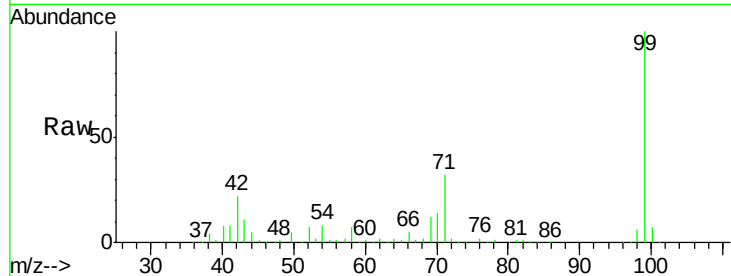
Tot Ion: 99 Resp: 242911

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

71 32.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

Tgt Ion: 136 Resp: 652721

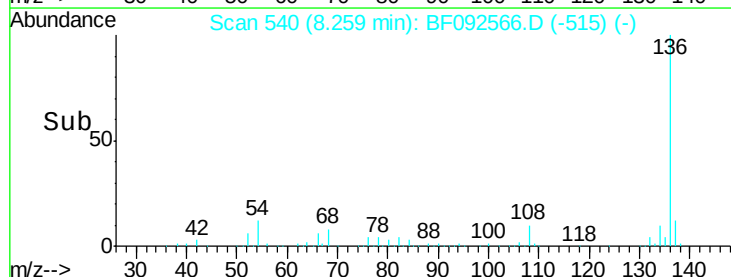
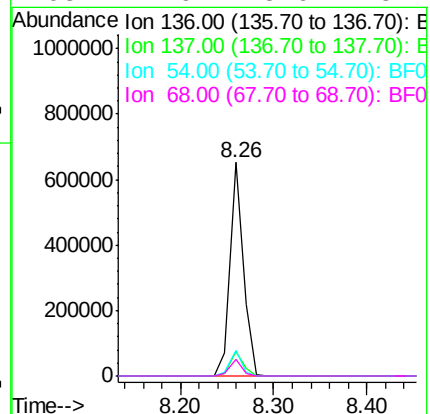
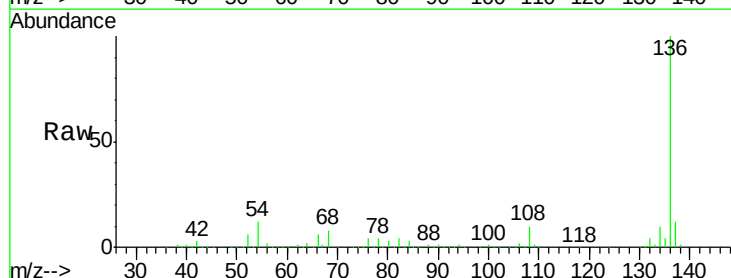
Ion Ratio Lower Upper

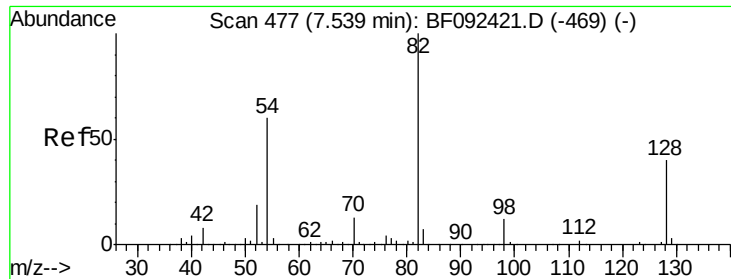
136 100

137 11.5 8.4 12.6

54 11.7 4.5 6.7#

68 7.9 3.6 5.4#

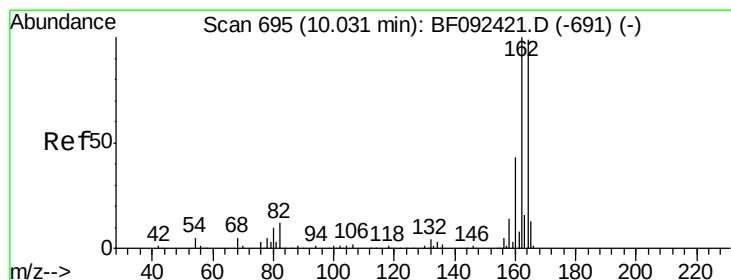
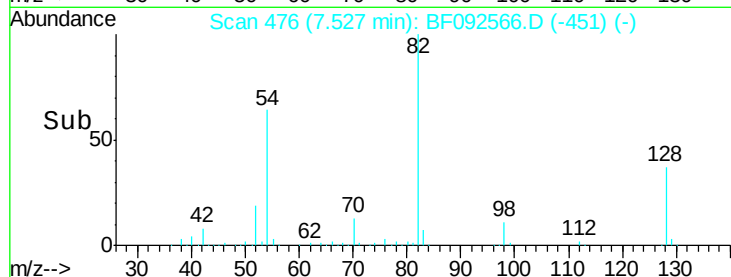
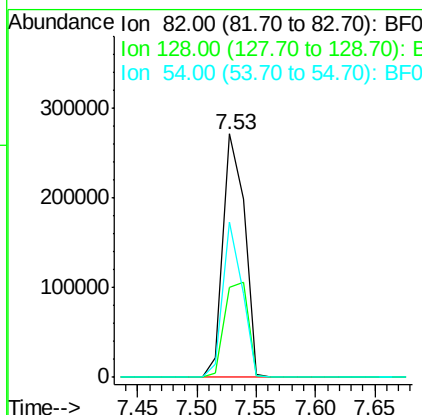
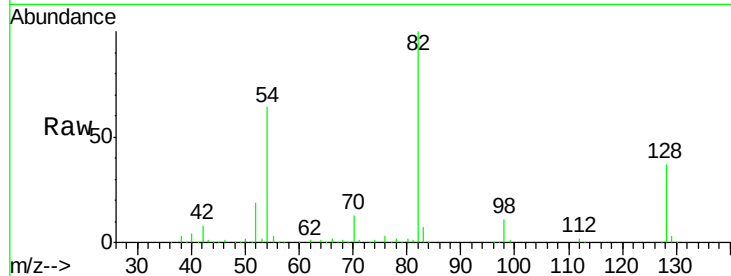




#23
 Nitrobenzene-d5
 Concen: 28.57 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092566.D
 Acq: 27 Jan 2017 10:10

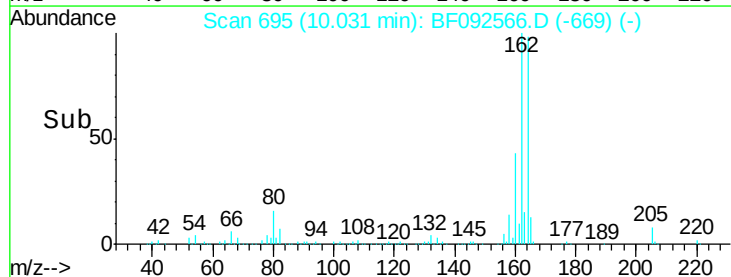
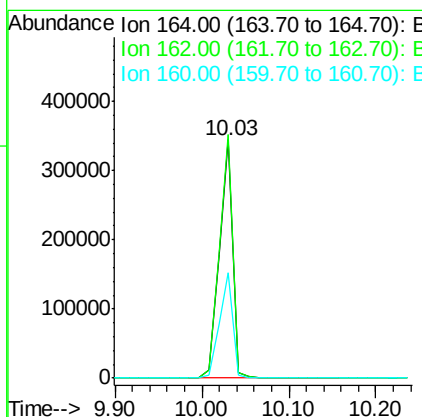
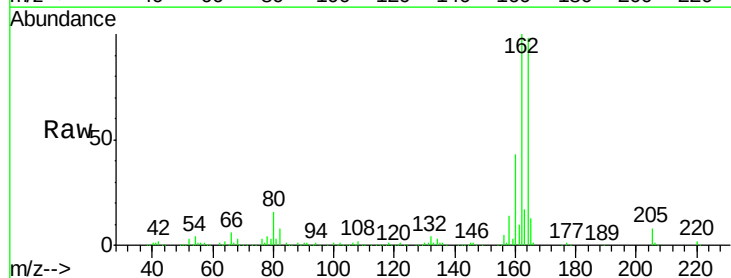
Instrument :
 BNA_F
 ClientSampleId :
 CAS-WC011817-LIQUIDRE

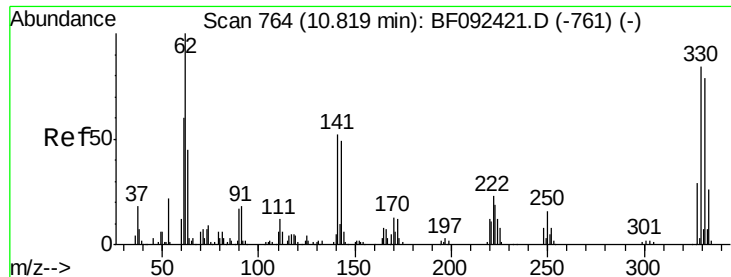
Tot Ion	82	Resp	341435
Ion Ratio	Lower	Upper	
82	100		
128	37.2	34.6	52.0
54	63.6	39.5	59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092566.D
 Acq: 27 Jan 2017 10:10

Tgt Ion	164	Resp	377739
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.2	120.2
160	44.3	36.9	55.3

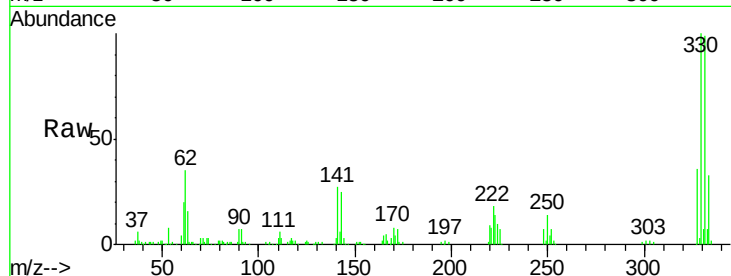




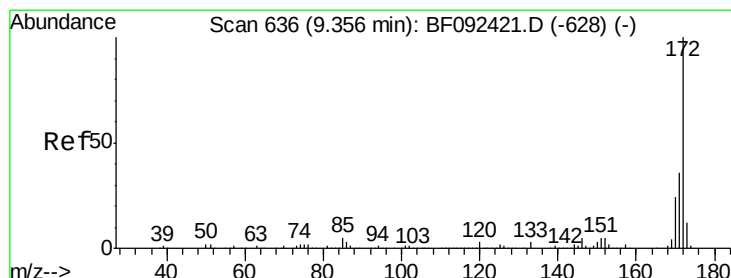
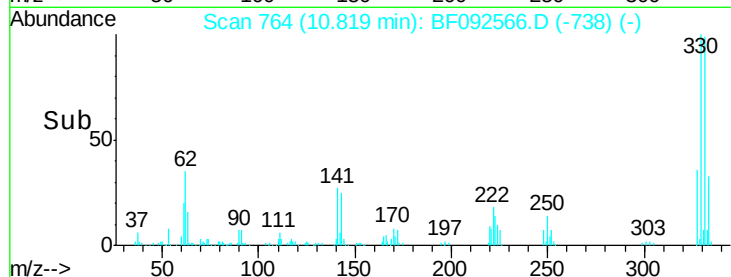
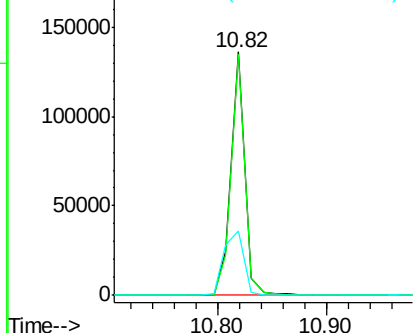
#41
 2,4,6-Tribromophenol
 Concen: 46.62 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092566.D
 Acq: 27 Jan 2017 10:10

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WC011817-LIQUIDRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	38.9	34.1	51.1

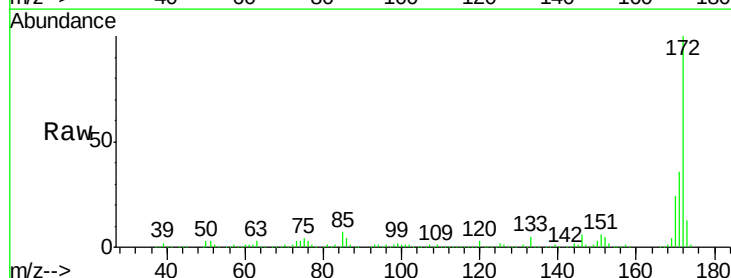


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

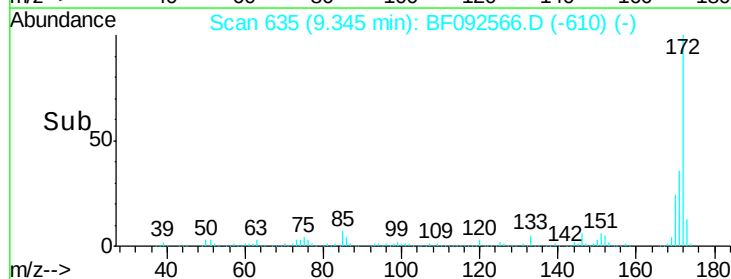
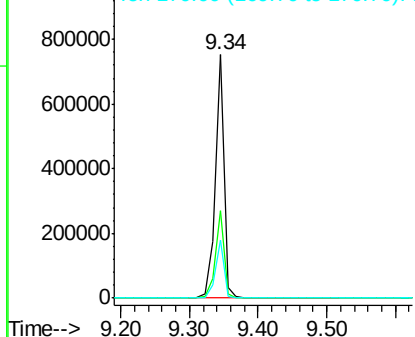


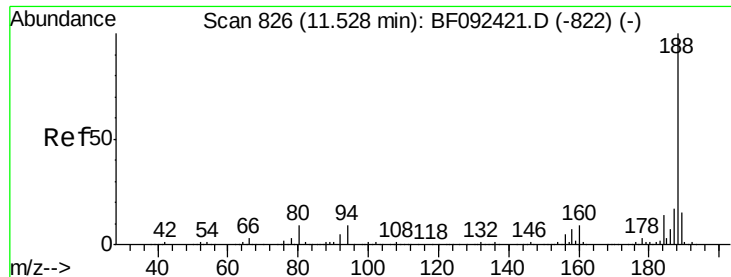
#44
 2-Fluorobiphenyl
 Concen: 33.25 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092566.D
 Acq: 27 Jan 2017 10:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.7	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

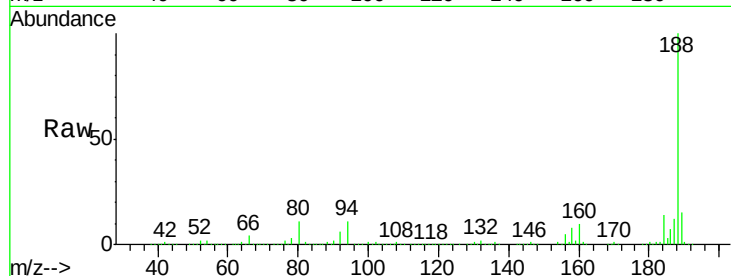




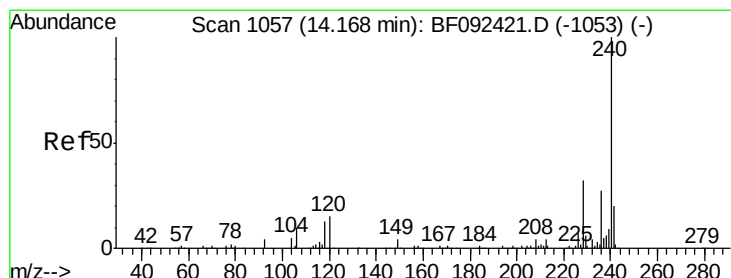
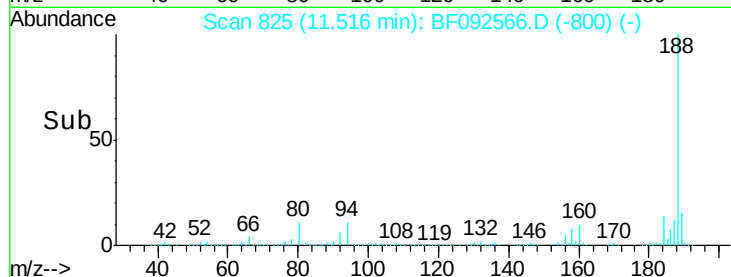
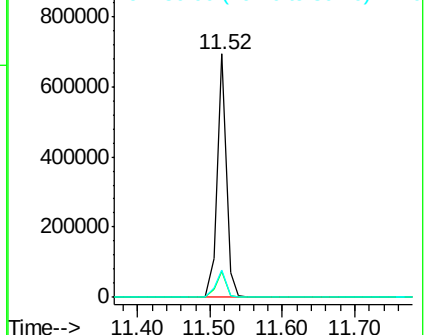
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Instrument :
BNA_F
ClientSampleId :
CAS-WC011817-LIQUIDRE

Tot Ion:188 Resp: 610819
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.5 11.2 16.8

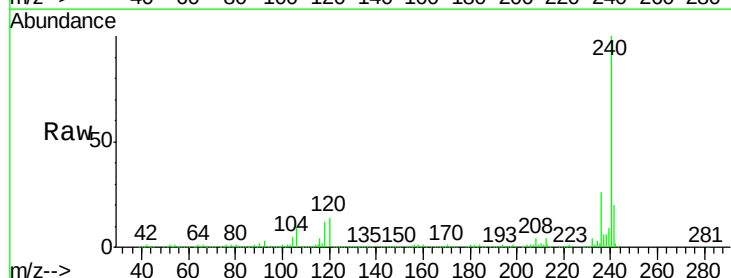


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

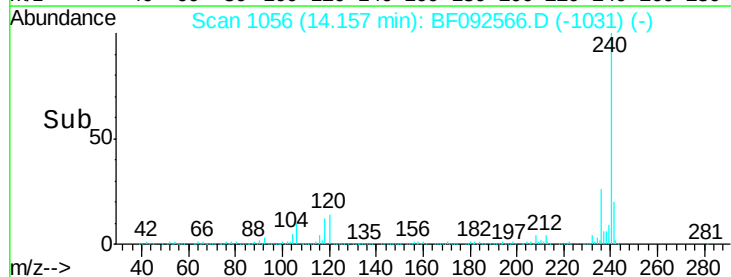
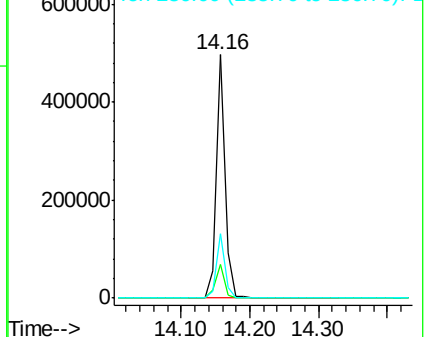


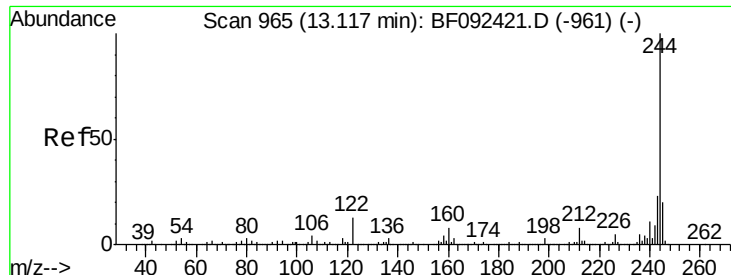
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion:240 Resp: 450913
Ion Ratio Lower Upper
240 100
120 13.6 12.9 19.3
236 26.4 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: 36.96 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

Instrument :

BNA_F

ClientSampleId :

CAS-WC011817-LIQUIDRE

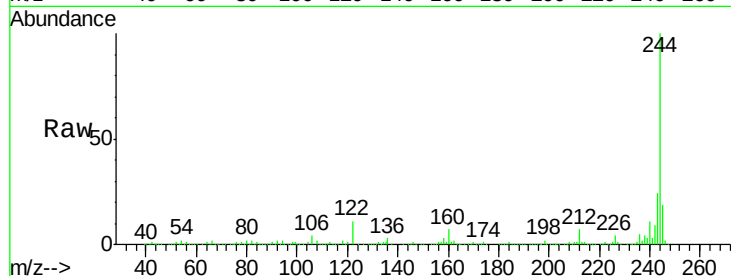
Tot Ion:244 Resp: 625776

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

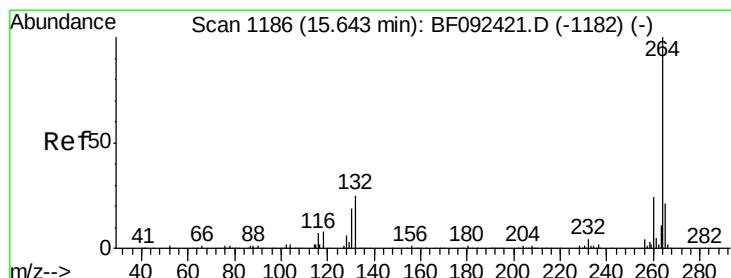
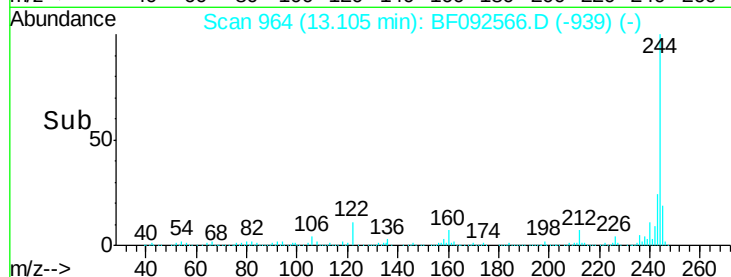
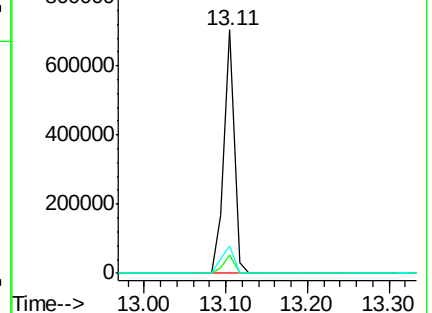
122 11.4 11.4 17.2#



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: 15.64 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

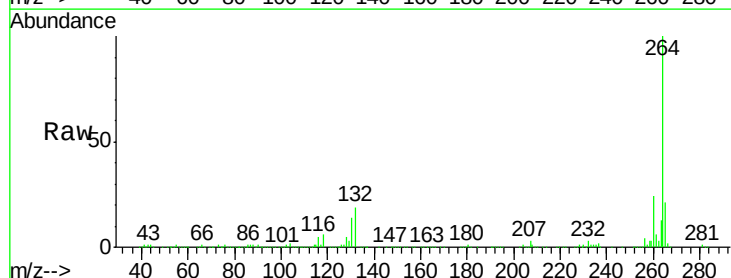
Tgt Ion:264 Resp: 337498

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.9 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

