

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092913.D
 Acq On : 11 Feb 2017 8:21
 Operator : SJ/MA
 Sample : I1767-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

Manual Integrations
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Quant Time: Feb 13 03:19:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147402m	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	597610	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	348093	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	581265	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	383554	20.00	ng	-0.09
86) Perylene-d12	15.51	264	301448	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	399056	46.45	ng	-0.08
7) Phenol-d6	6.52	99	316738	28.65	ng	-0.08
23) Nitrobenzene-d5	7.46	82	945101	88.07	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	239568	95.16	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1919677	99.91	ng	-0.07
78) Terphenyl-d14	13.01	244	1531395	93.81	ng	-0.07

Target Compounds Qvalue

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

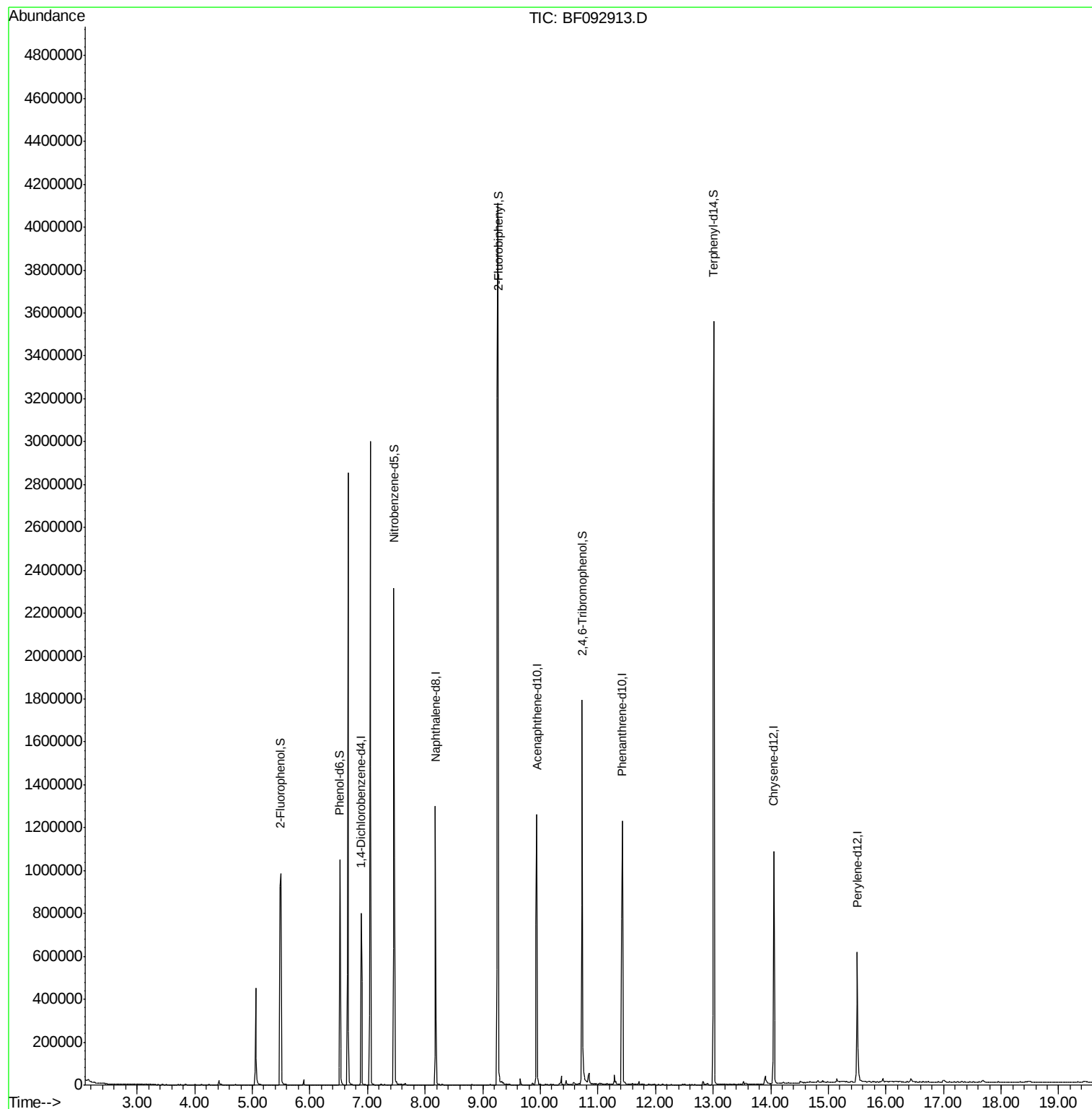
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092913.D
Acq On : 11 Feb 2017 8:21
Operator : SJ/MA
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ALS Vial : 30 Sample Multiplier: 1

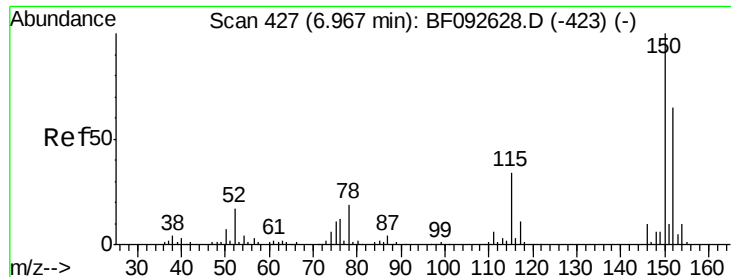
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Feb 13 03:19:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

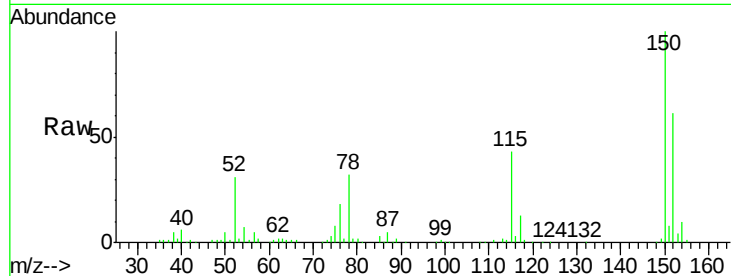
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.89 min Scan# 420
Delta R.T. -0.08 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
020817-PRRT-F-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.9	124.9	187.3
115	71.1	46.0	69.0

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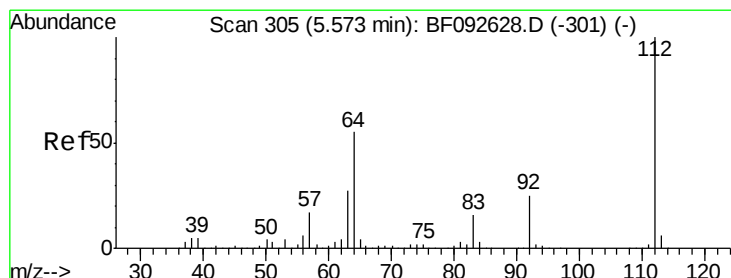
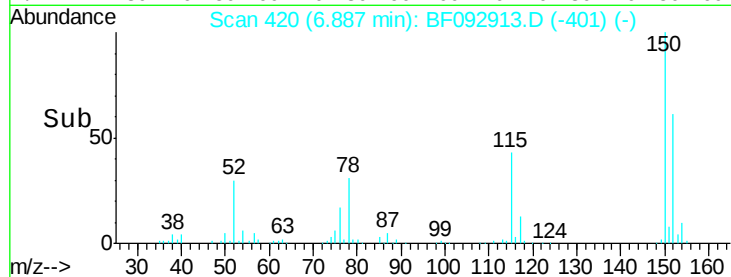
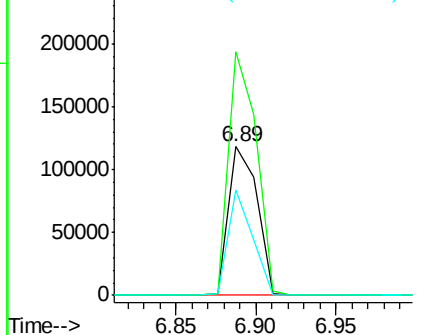


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

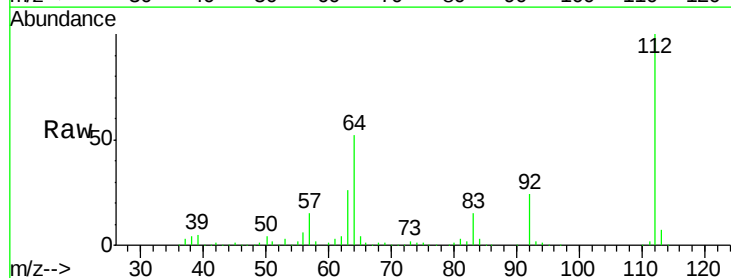
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.45 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.08 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.1	69.1
63	26.3	23.8	35.6

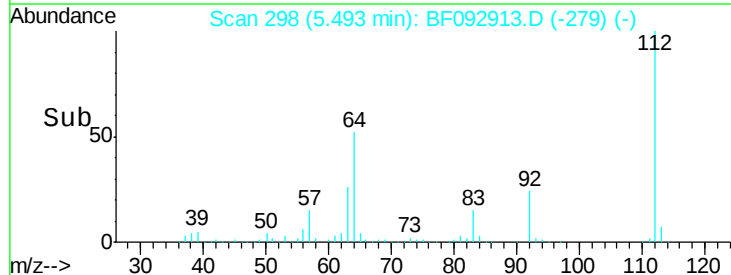
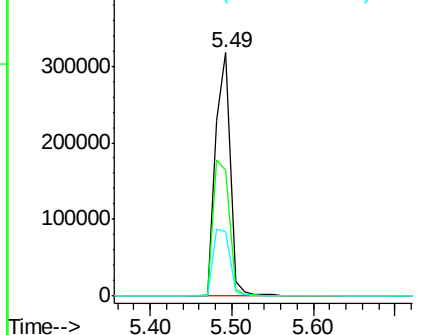


Abundance

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: 28.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092913.D

Acq: 11 Feb 2017 8:21

Instrument :

BNA_F

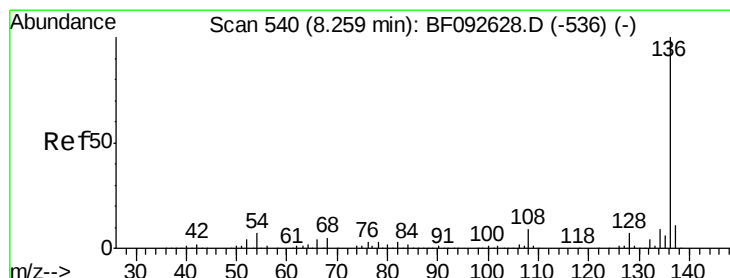
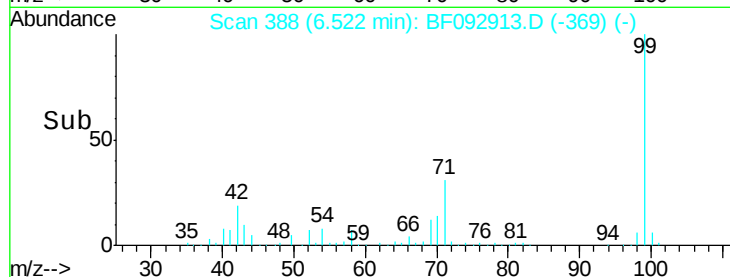
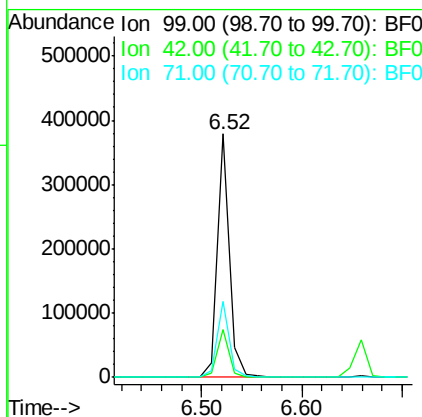
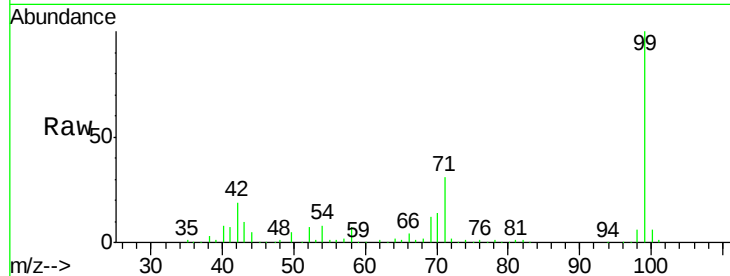
ClientSampleId :

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Tgt Ion:	99	Resp:	316738
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.6	23.4
71	31.3	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

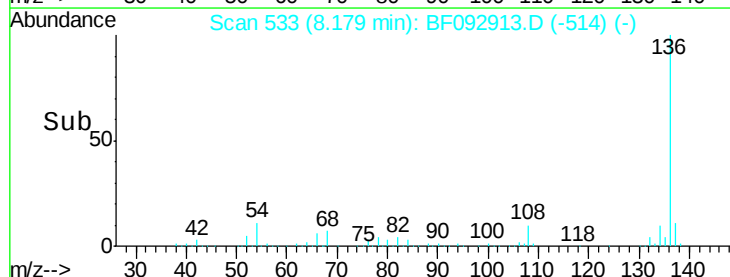
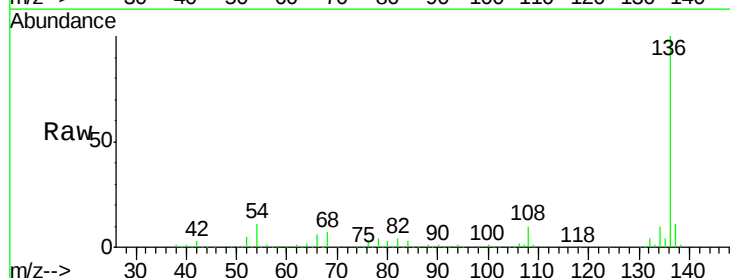
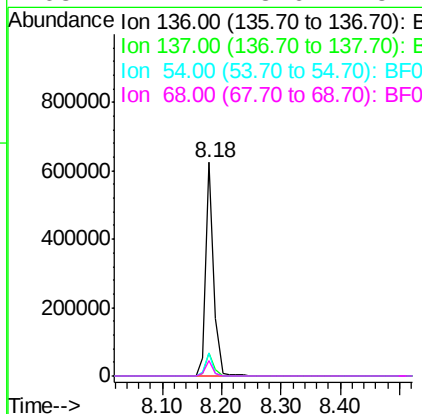
RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092913.D

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Tgt Ion:	136	Resp:	597610
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	10.8	4.5	6.7#
68	7.2	3.6	5.4#





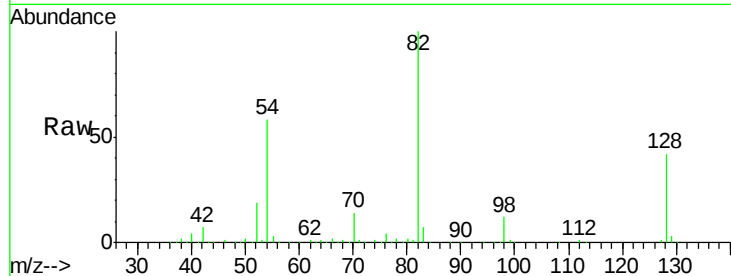
#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

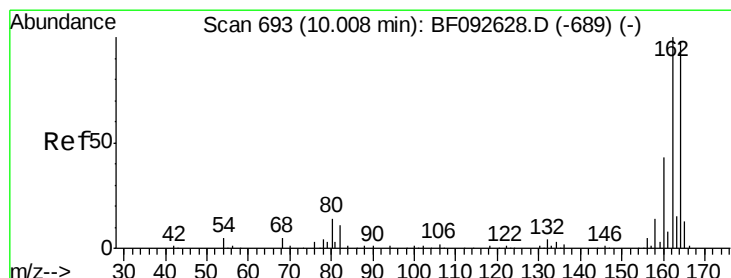
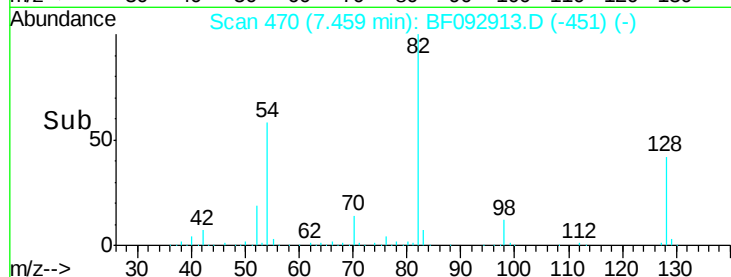
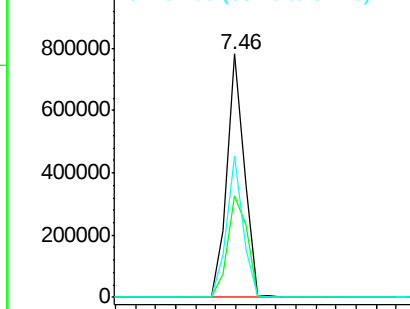
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	945101		
128	41.8	34.6	52.0	
54	58.1	39.5	59.3	

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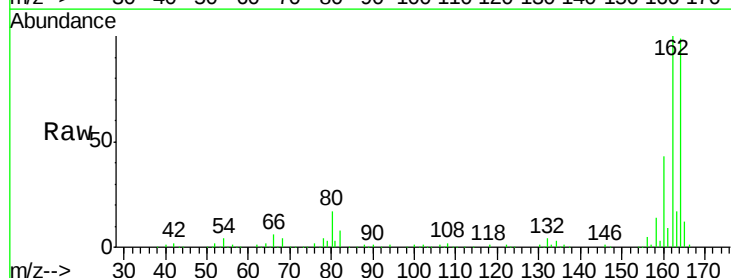


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

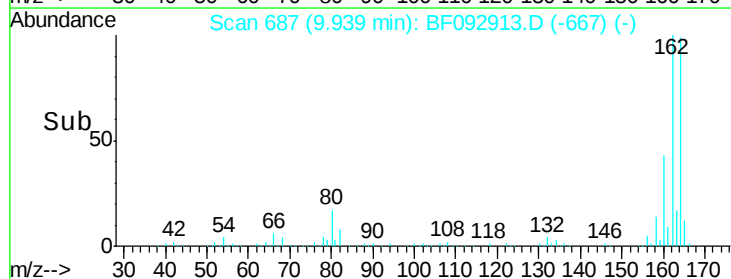
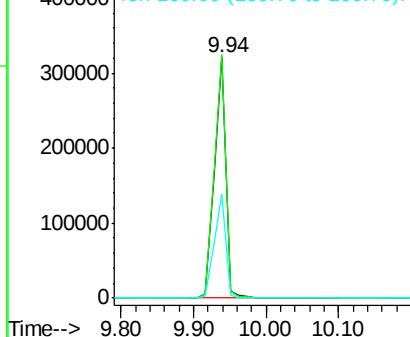


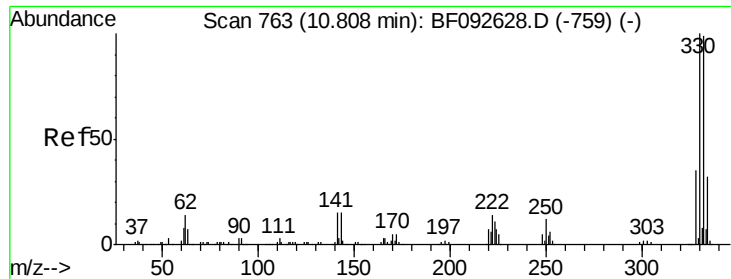
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	348093		
162	101.2	80.2	120.2	
160	43.2	36.9	55.3	



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





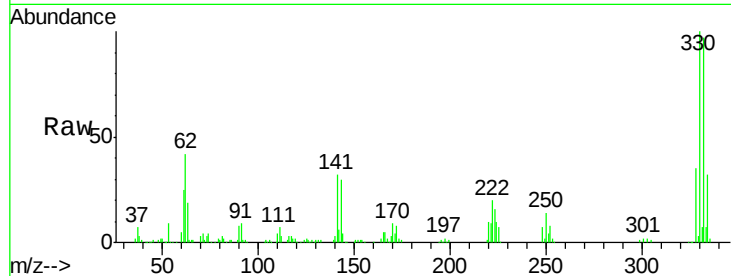
#41
 2,4,6-Tribromophenol
 Concen: 95.16 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

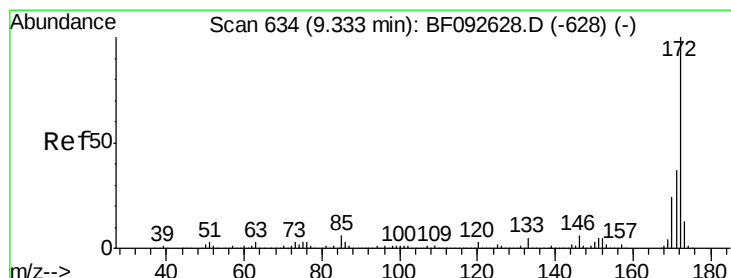
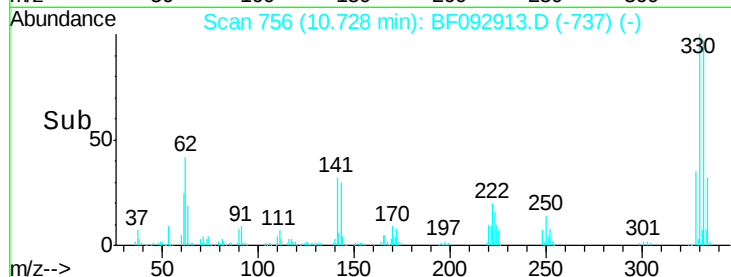
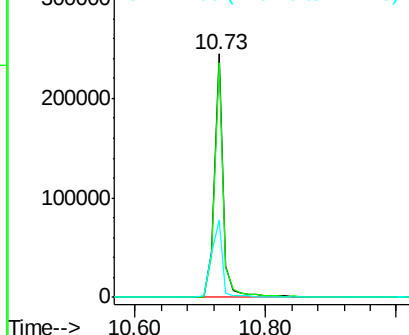
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	239568		
332	96.0	77.4	116.2	
141	39.3	34.1	51.1	

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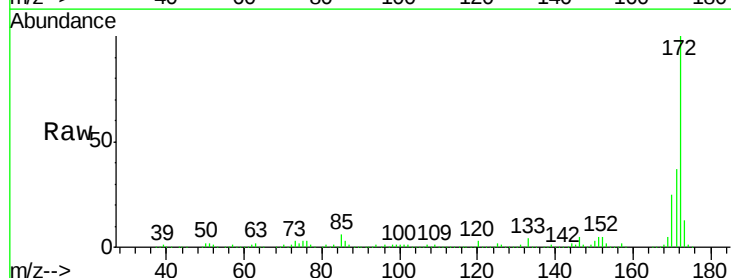


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

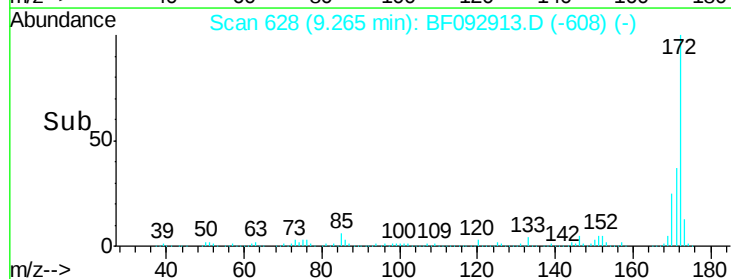
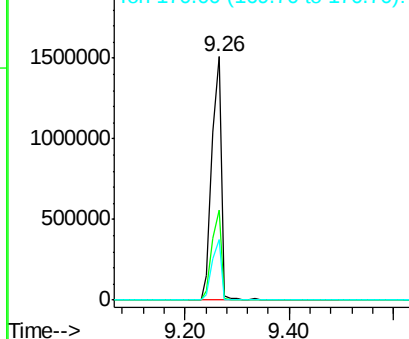


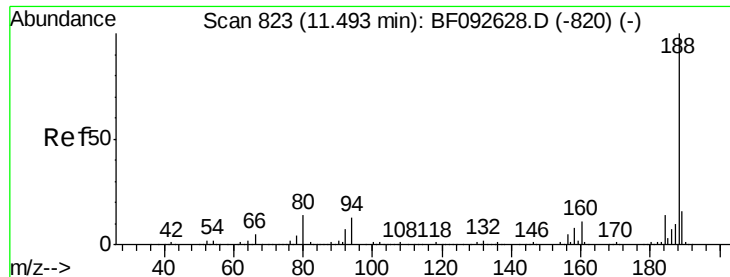
#44
 2-Fluorobiphenyl
 Concen: 99.91 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1919677		
171	36.9	29.4	44.0	
170	24.8	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





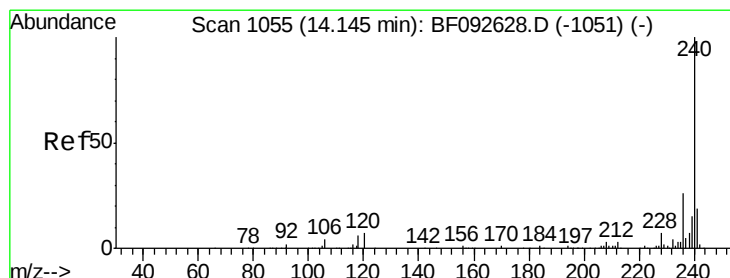
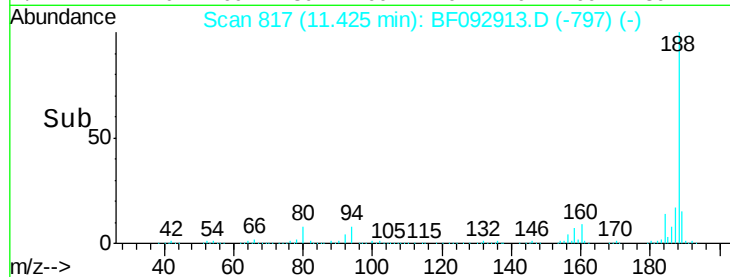
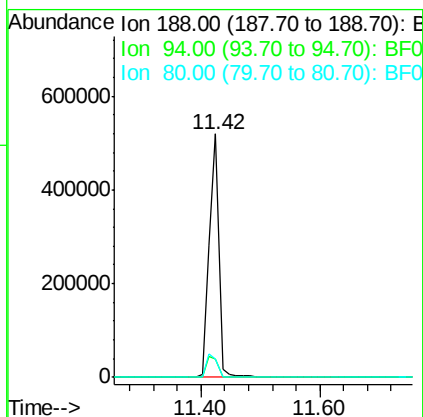
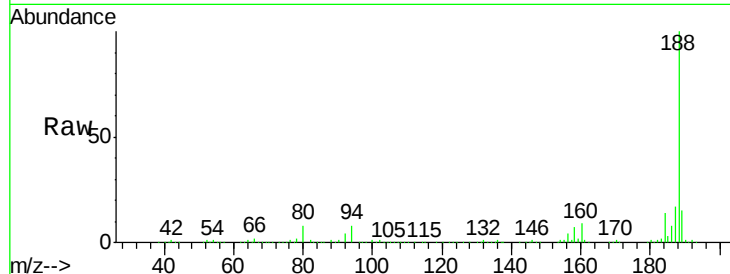
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

Instrument :
BNA_F
ClientSampleId :
020817-PRRT-F-U-M

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	10.0	15.0#
80	7.8	11.2	16.8#

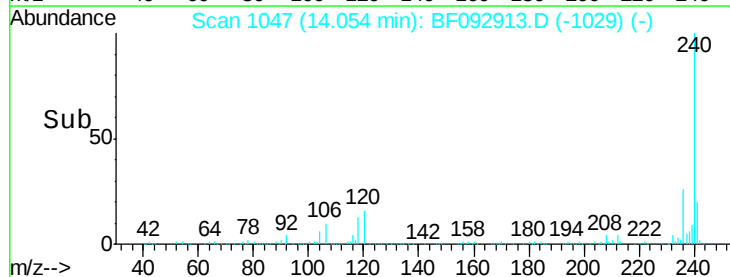
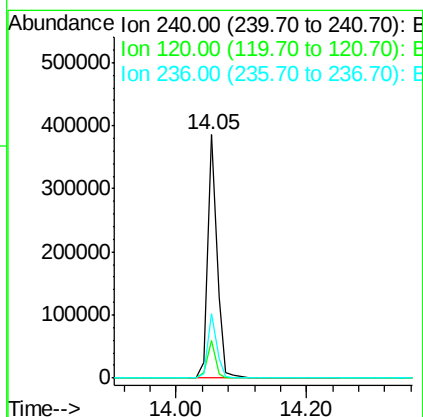
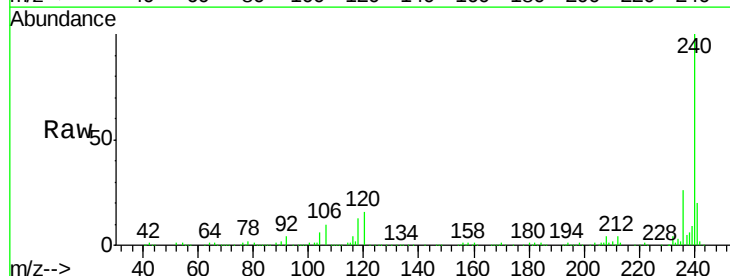
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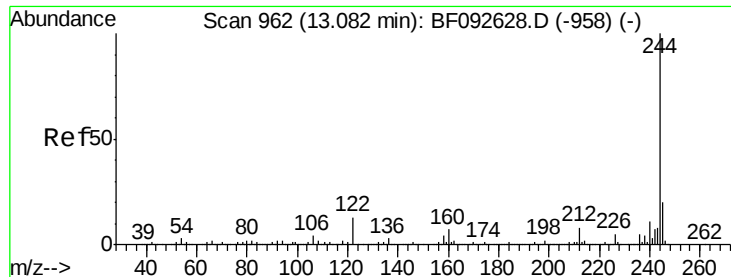
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.5	12.9	19.3
236	26.5	20.9	31.3





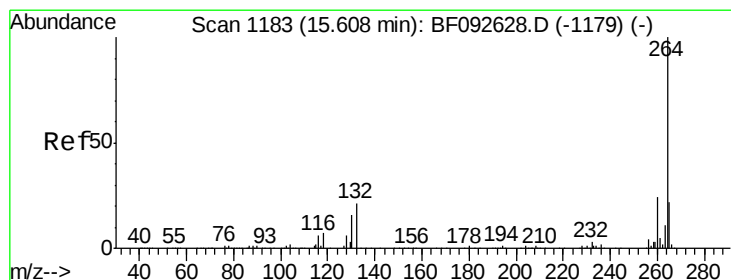
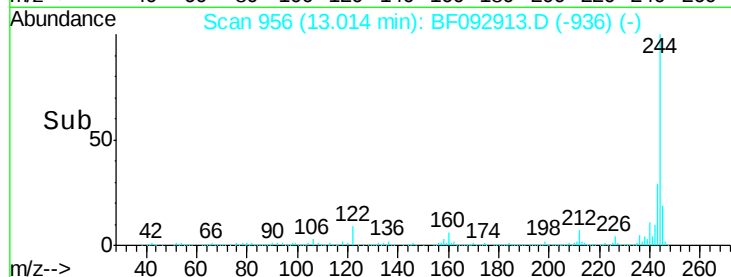
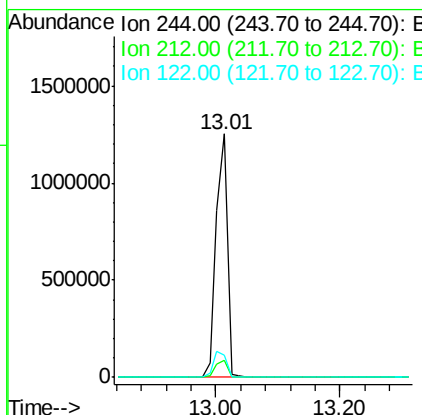
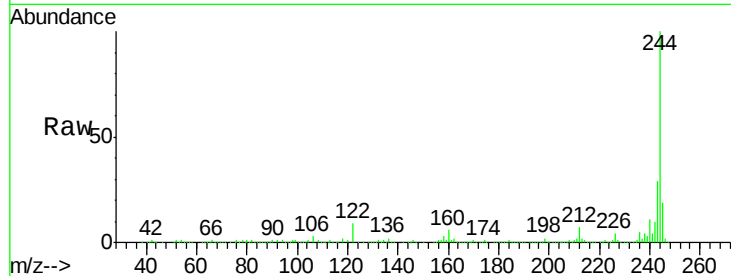
#78
 Terphenyl-d14
 Concen: 93.81 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.0	11.4	17.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.4	26.0

