

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092757.D
 Acq On : 3 Feb 2017 1:21
 Operator : SJ/MA
 Sample : I1650-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

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Quant Time: Feb 03 04:26:02 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	6.93	152	146705	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	562454	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	276148	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	402586	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	304942	20.00	ng	-0.05
86) Perylene-d12	15.56	264	306373	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1357647	158.77	ng	-0.02
7) Phenol-d6	6.58	99	1666901	151.50	ng	-0.02
23) Nitrobenzene-d5	7.50	82	995348	98.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	306571	153.49	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1476493	96.87	ng	-0.03
78) Terphenyl-d14	13.05	244	1041301	80.24	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	155706	12.10	ng	Qvalue # 74
49) Dimethylphthalate	9.70	163	255131	13.72	ng	100
70) Phenanthrene	11.48	178	172231	7.47	ng	97
74) Fluoranthene	12.67	202	116990	4.92	ng	95
77) Pyrene	12.90	202	115443	5.06	ng	98
80) Benzo(a)anthracene	14.09	228	45206	2.42	ng	98
82) Chrysene	14.12	228	45506m	2.61	ng	
87) Benzo(b)fluoranthene	15.13	252	47347m	2.35	ng	
89) Benzo(a)pyrene	15.49	252	35076	2.01	ng	98

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

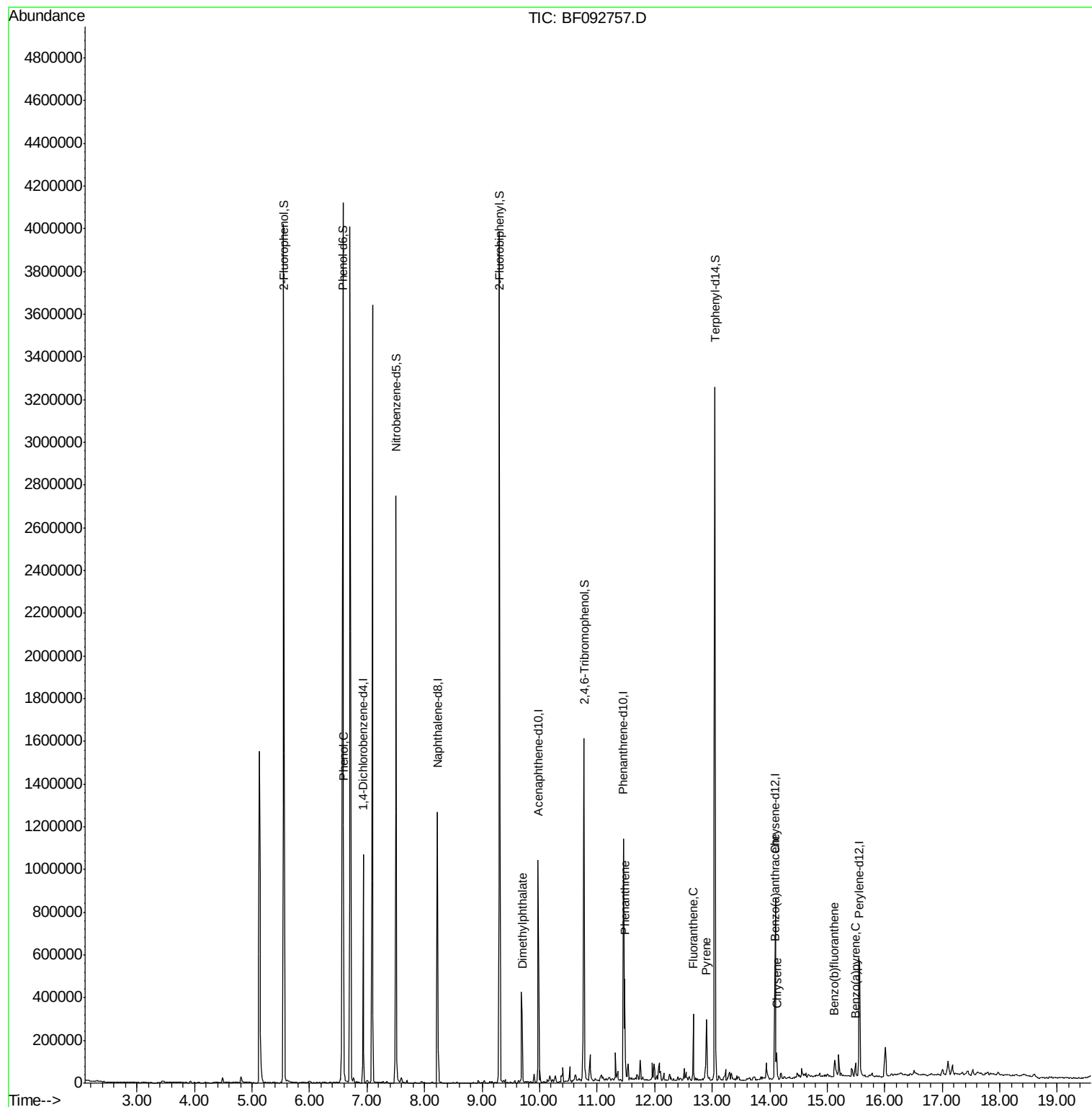
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092757.D
Acq On : 3 Feb 2017 1:21
Operator : SJ/MA
Sample : I1650-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

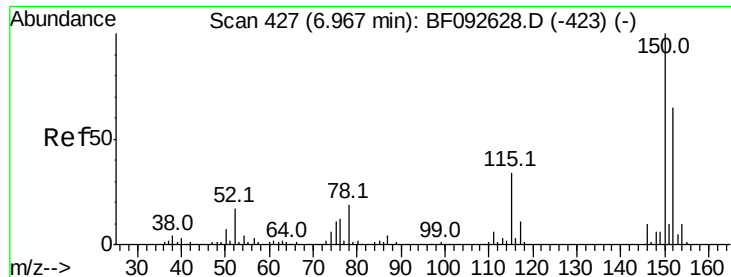
Instrument :
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ClientSampleId :
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Quant Time: Feb 03 04:26:02 2017
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#1

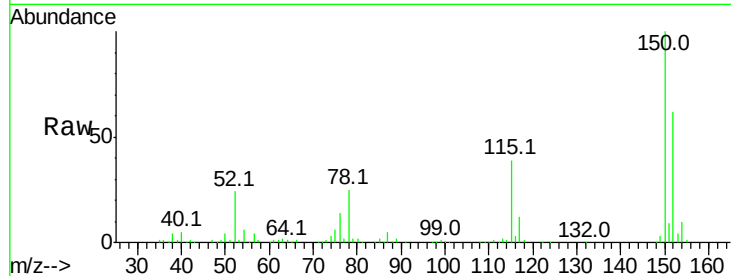
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Instrument :
BNA_F
ClientSampleId :
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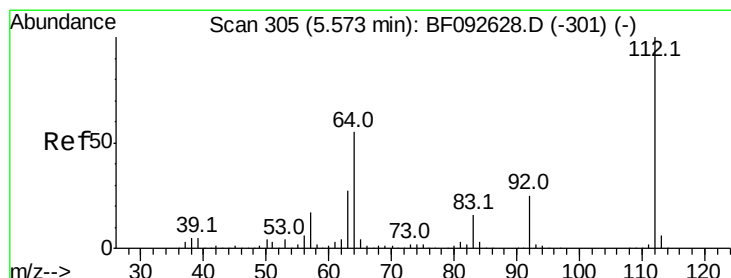
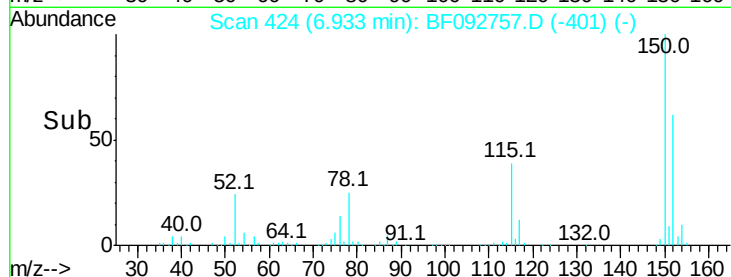
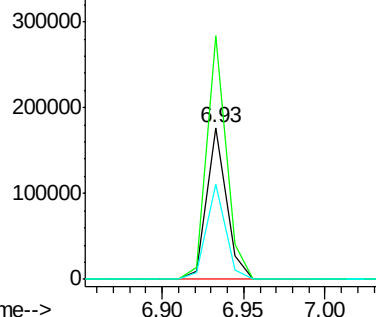
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.9	187.3
115	62.4	46.0	69.0

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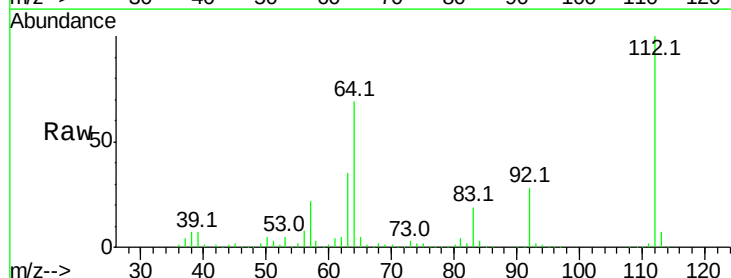
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



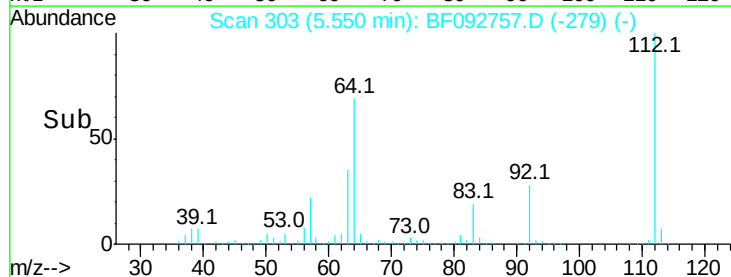
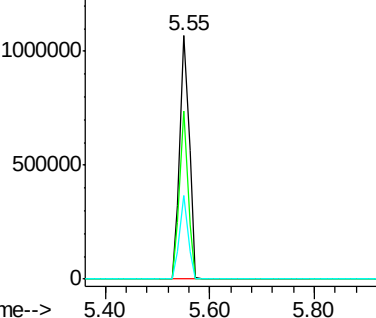
#5

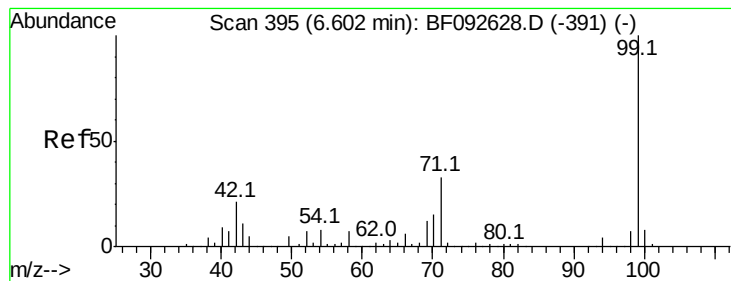
2-Fluorophenol
Concen: 158.77 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	46.1	69.1
63	34.5	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: 151.50 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092757.D

Acq: 3 Feb 2017 1:21

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1666901

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

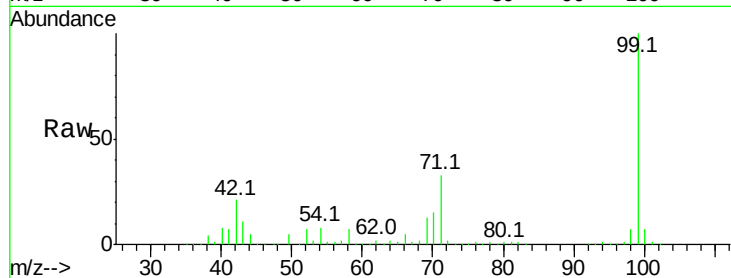
71 32.9 27.5 41.3

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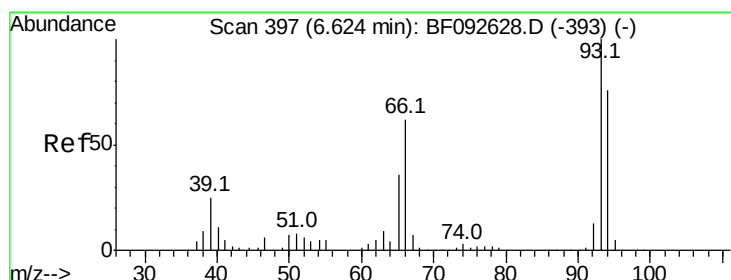
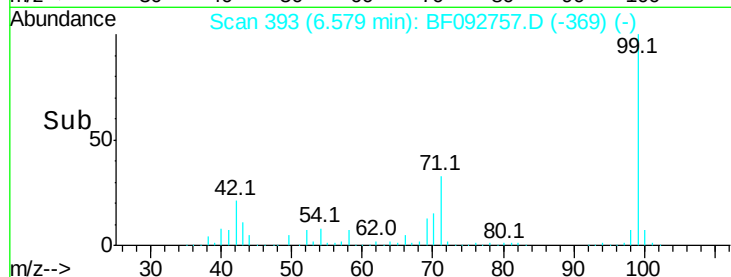
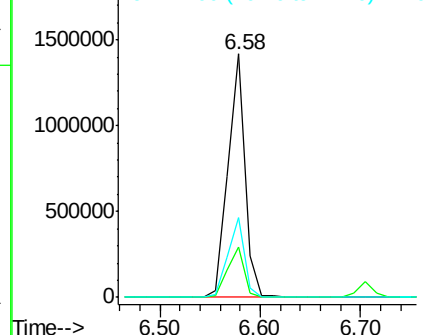
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 12.10 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092757.D

Acq: 3 Feb 2017 1:21

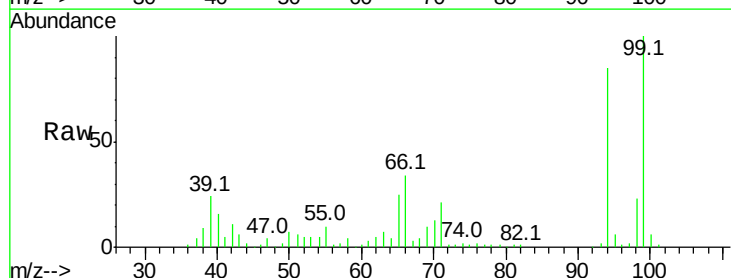
Tgt Ion: 94 Resp: 155706

Ion Ratio Lower Upper

94 100

65 29.6 21.4 61.4

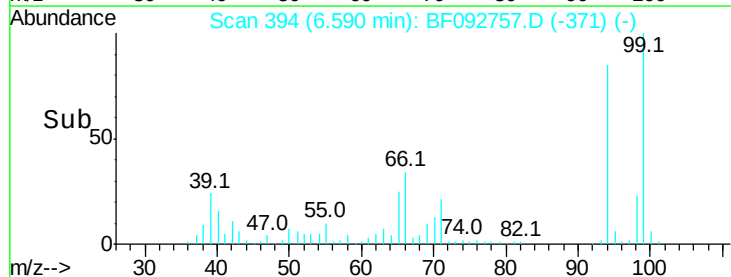
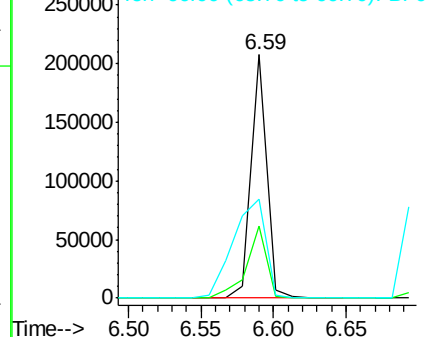
66 40.4 44.0 84.0#

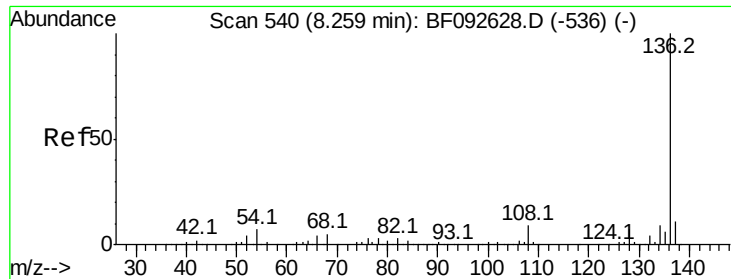


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





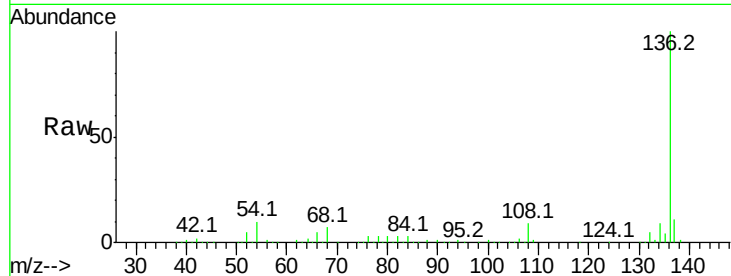
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Instrument :
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ClientSampleId :
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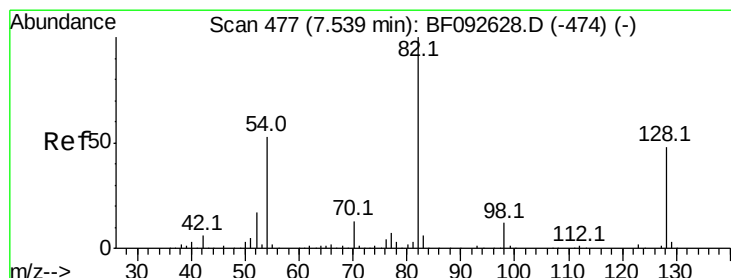
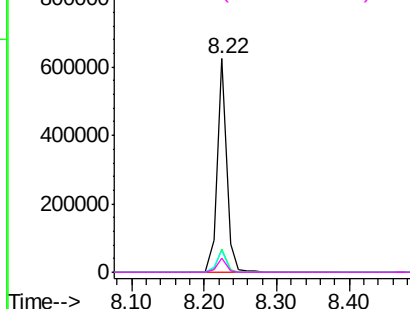
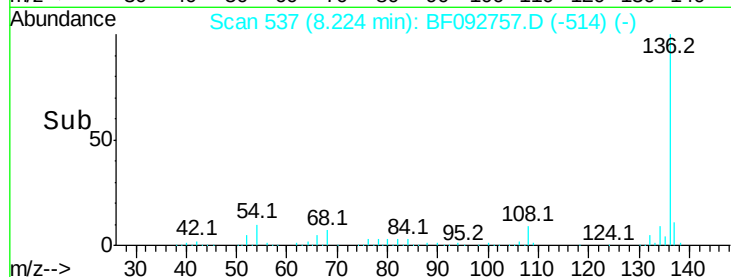
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	10.2	4.5	6.7#	
68	6.6	3.6	5.4#	

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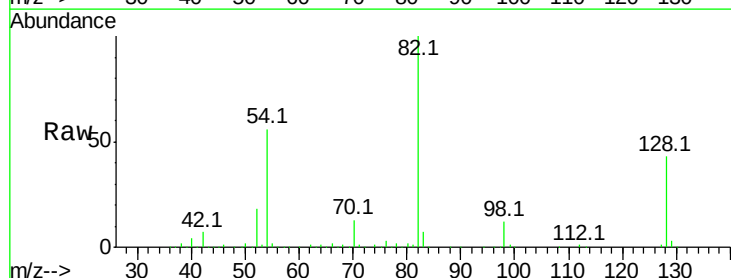


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

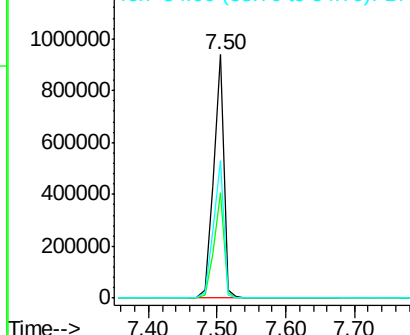
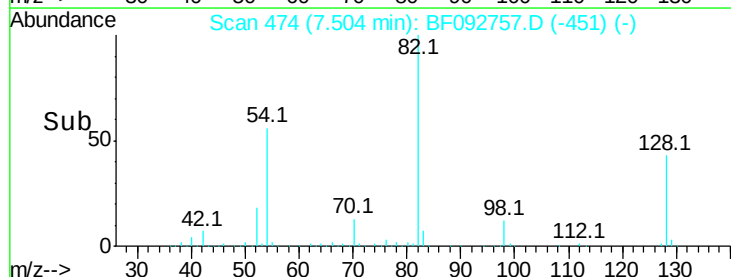


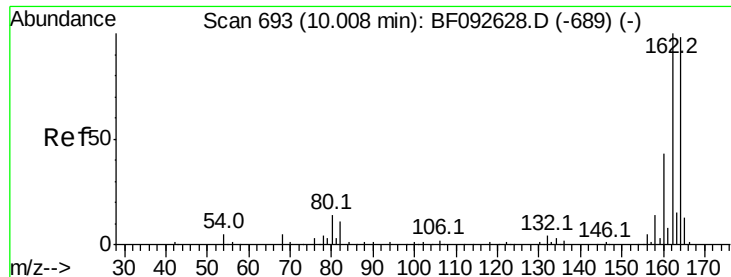
#23
Nitrobenzene-d5
Concen: 98.55 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	34.6	52.0	
54	56.3	39.5	59.3	



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





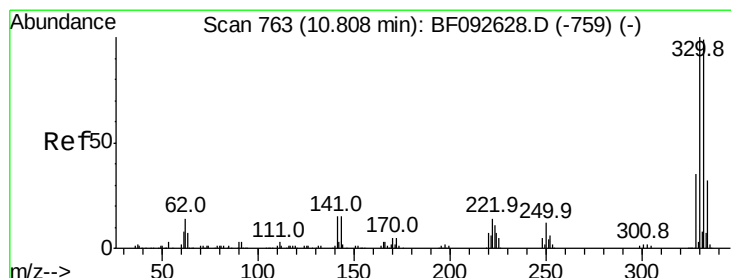
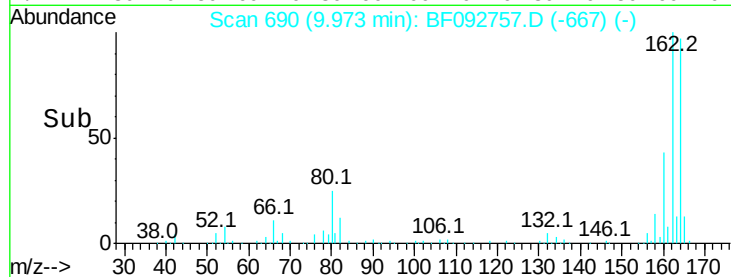
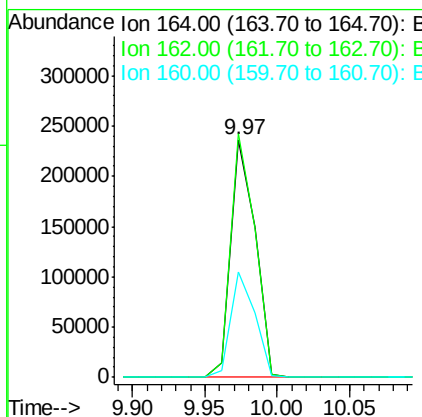
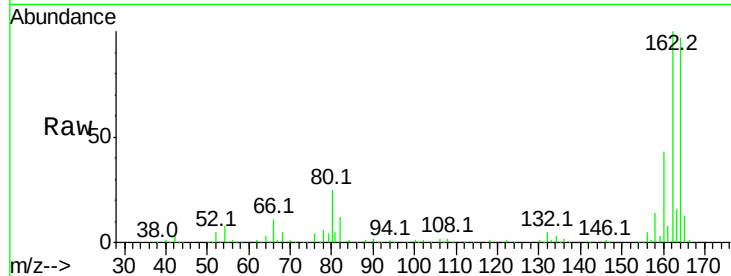
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092757.D
 Acq: 3 Feb 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	276148		
162	102.6		80.2	120.2
160	44.1		36.9	55.3

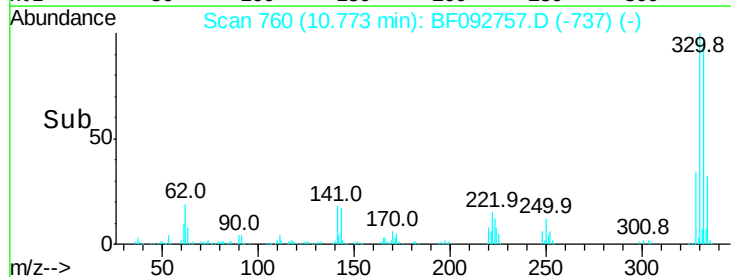
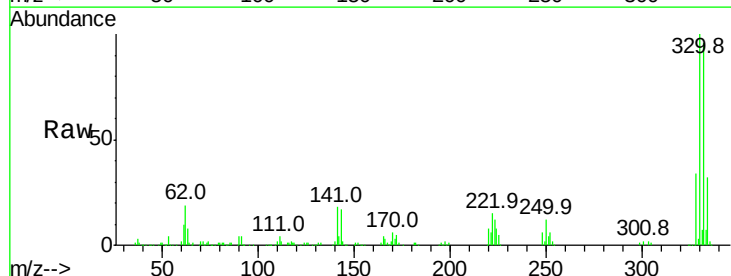
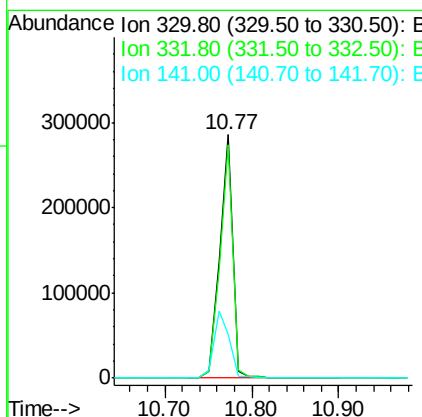
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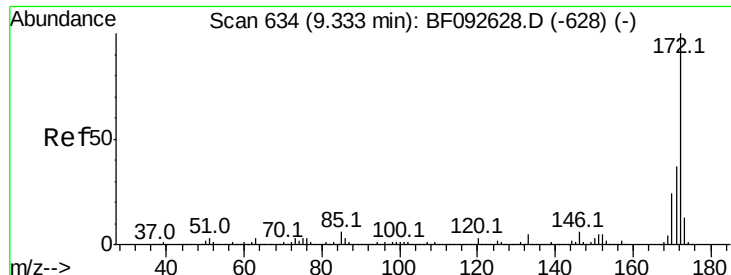
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#41
 2,4,6-Tribromophenol
 Concen: 153.49 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092757.D
 Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	306571		
332	95.1		77.4	116.2
141	32.3		34.1	51.1#





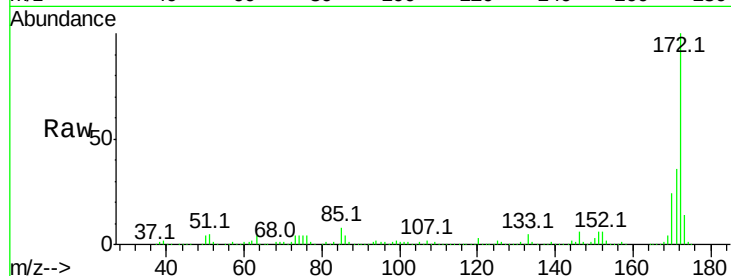
#44
2-Fluorobiphenyl
Concen: 96.87 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

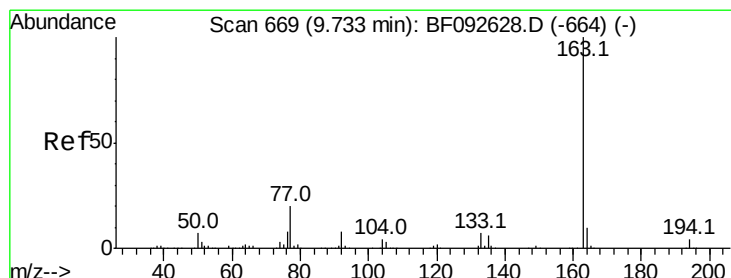
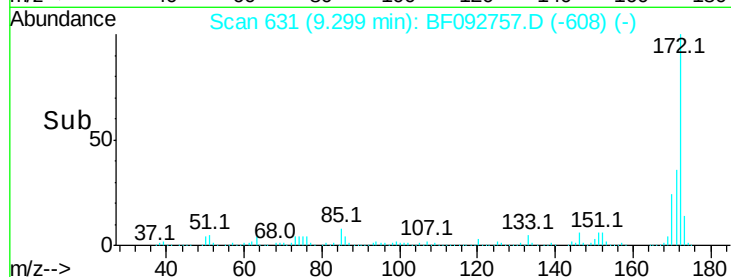
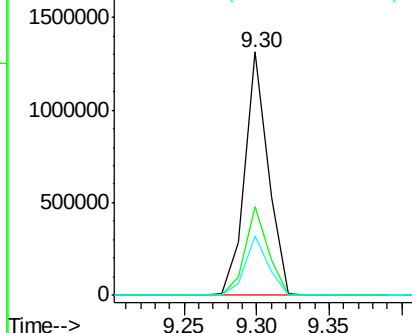
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.2	30.4

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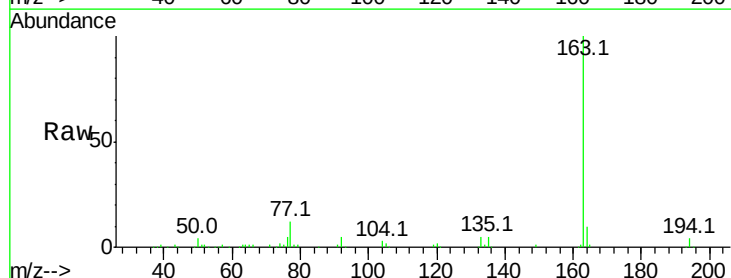


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

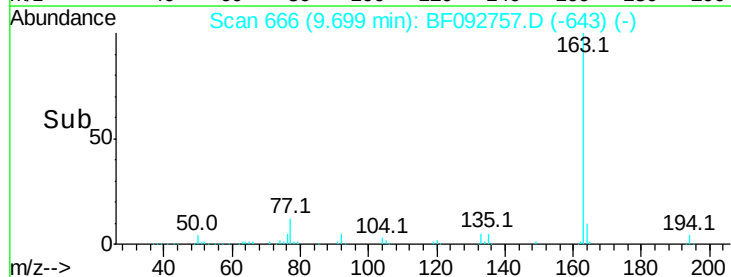
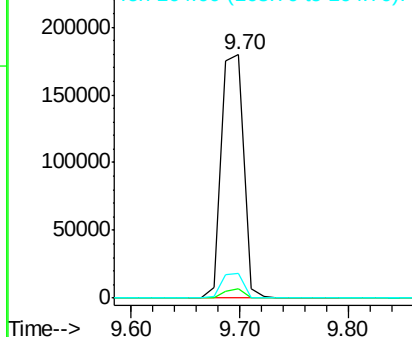


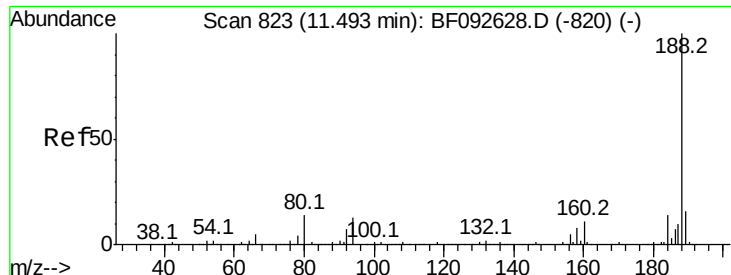
#49
Dimethylphthalate
Concen: 13.72 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.0	8.0	12.0



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





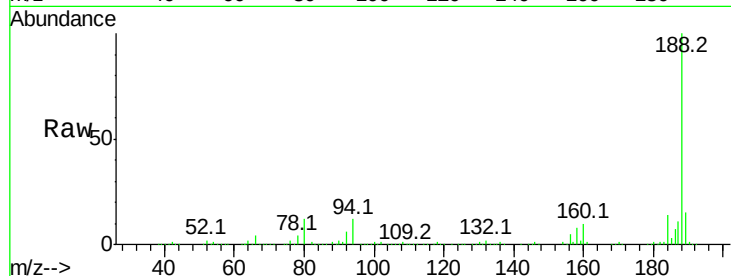
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Instrument :
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SB-39-COMP

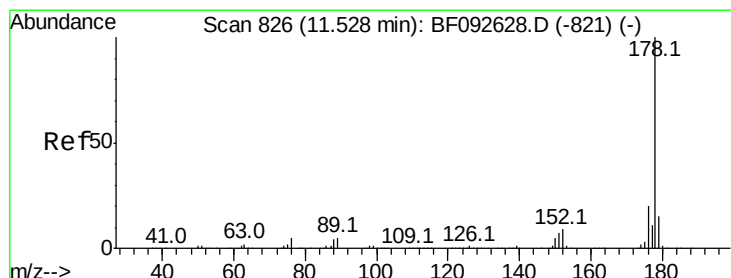
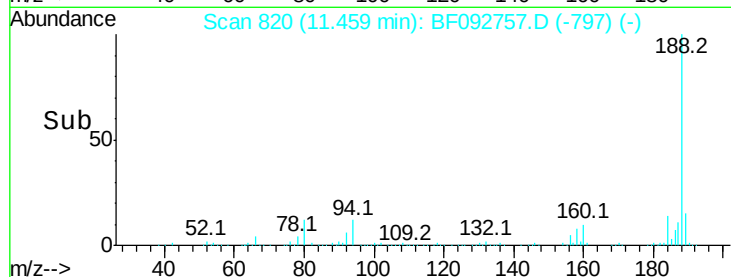
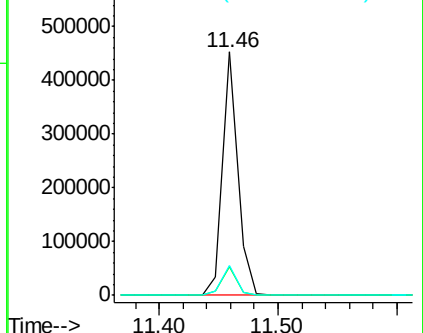
Tot Ion	Ratio	Resp	Lower	Upper
188	100	402586		
94	11.7		10.0	15.0
80	12.3		11.2	16.8

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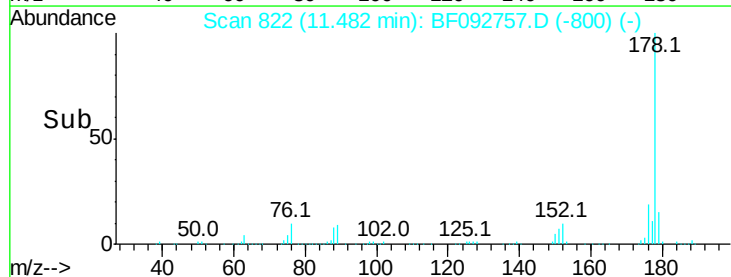
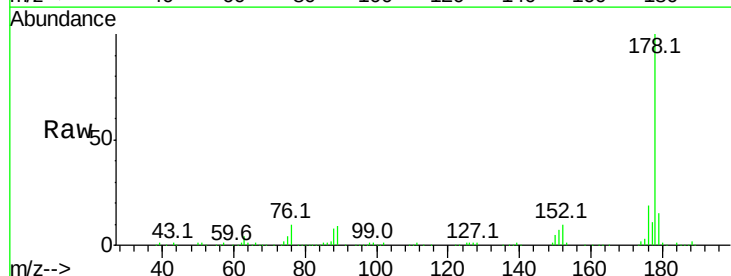
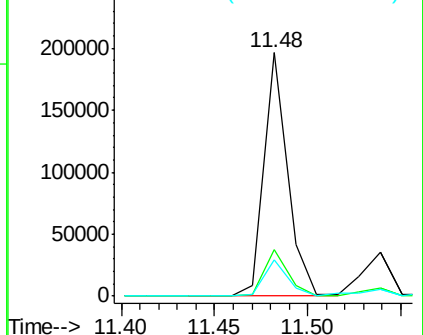
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

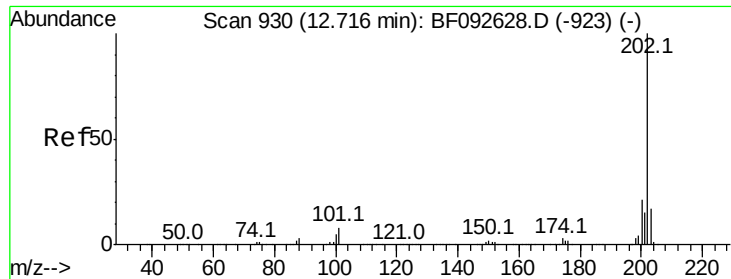


#70
Phenanthrene
Concen: 7.47 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	172231		
176	19.1		16.6	25.0
179	14.8		12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.92 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF092757.D

Acq: 3 Feb 2017 1:21

Instrument :

BNA_F

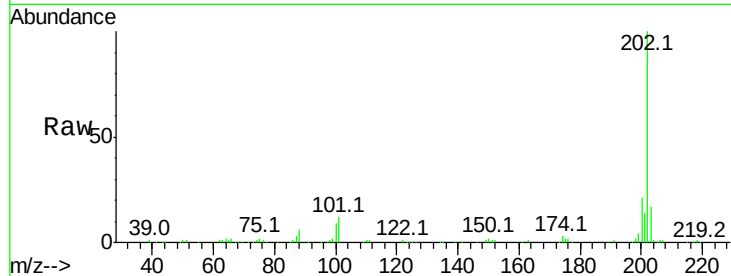
ClientSampleId :

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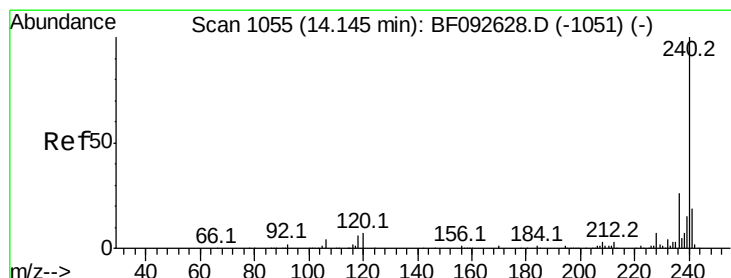
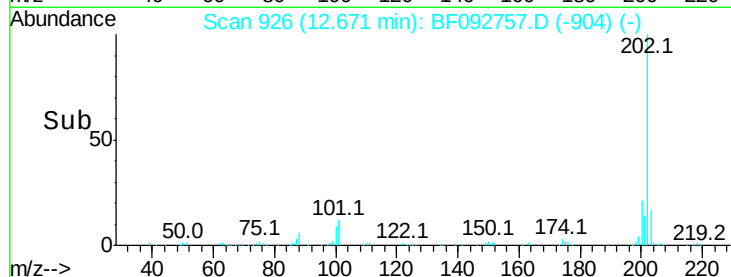
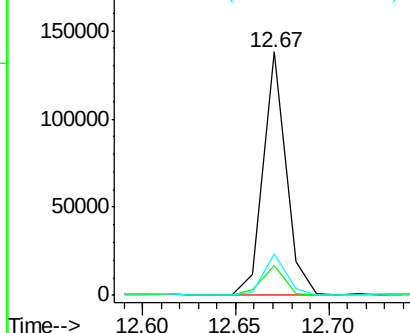
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.6
203	17.1	0.0	38.7

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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: 14.10 min Scan# 1051

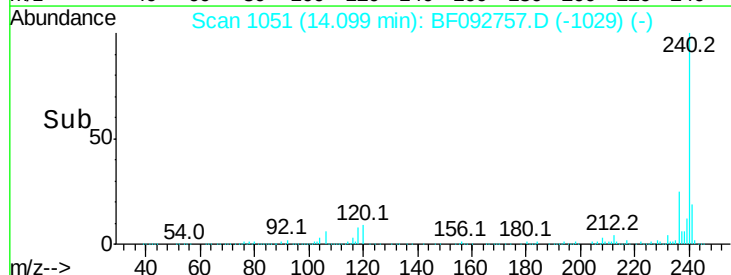
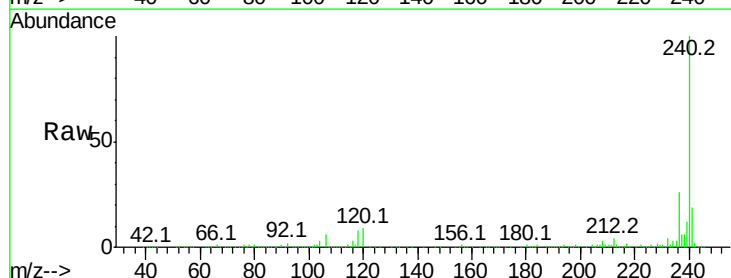
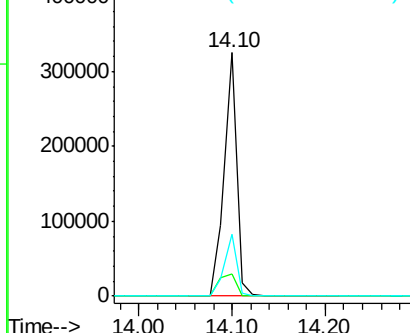
Delta R.T. -0.05 min

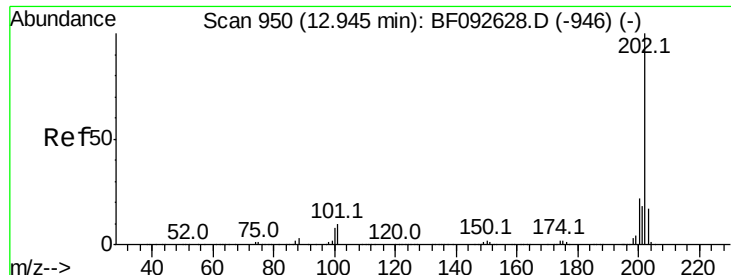
Lab File: BF092757.D

Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	25.6	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





#77

Pvrene

Concen: 5.06 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092757.D

Acq: 3 Feb 2017 1:21

Instrument :

BNA_F

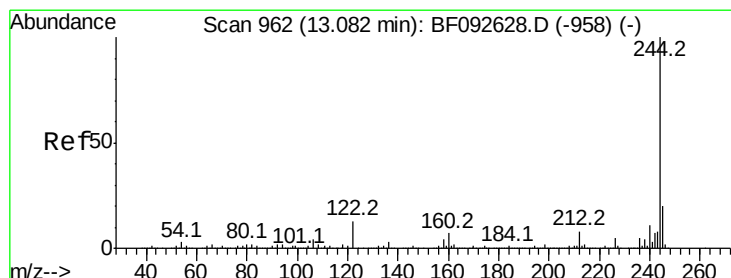
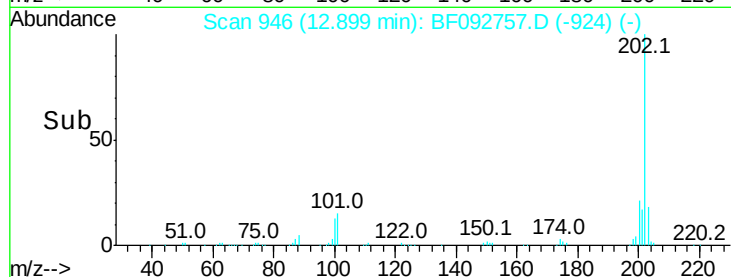
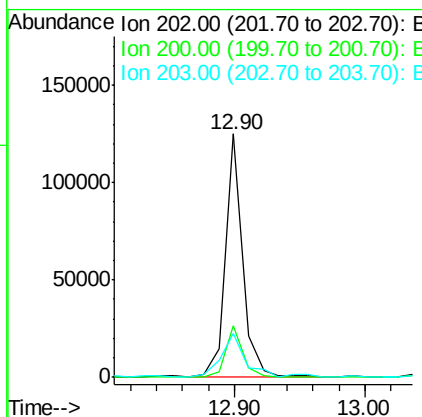
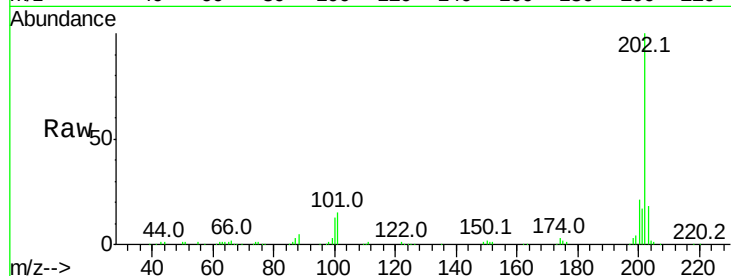
ClientSampleId :

SB-39-COMP

Tot Ion:	202	Resp:	115443
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.9	14.7	22.1

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#78

Terphenyl-d14

Concen: 80.24 ng

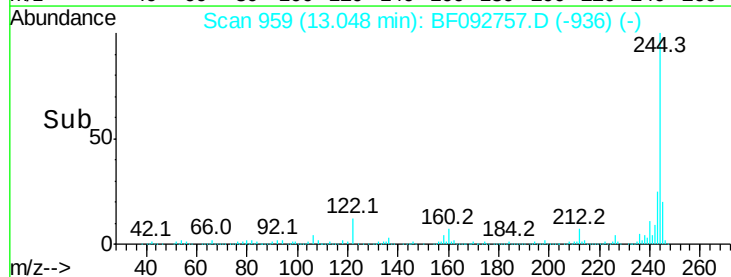
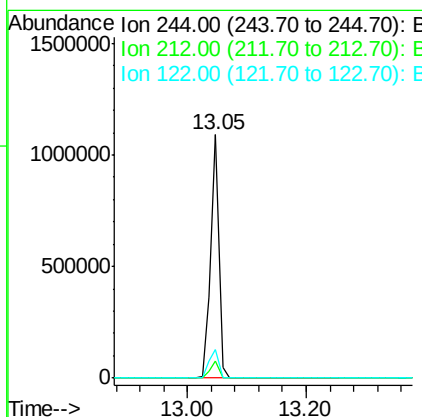
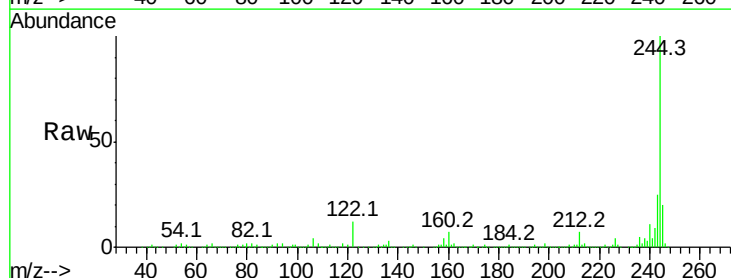
RT: 13.05 min Scan# 959

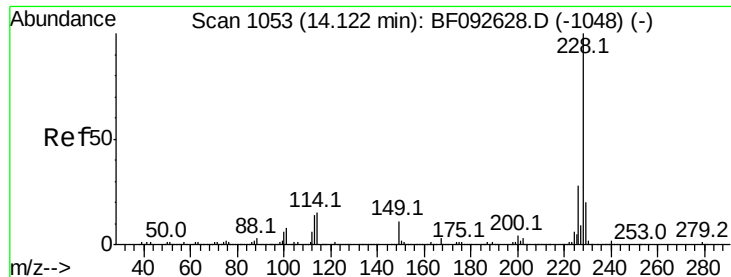
Delta R.T. -0.03 min

Lab File: BF092757.D

Acq: 3 Feb 2017 1:21

Tgt Ion:	244	Resp:	1041301
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.2	9.2
122	11.6	11.4	17.2





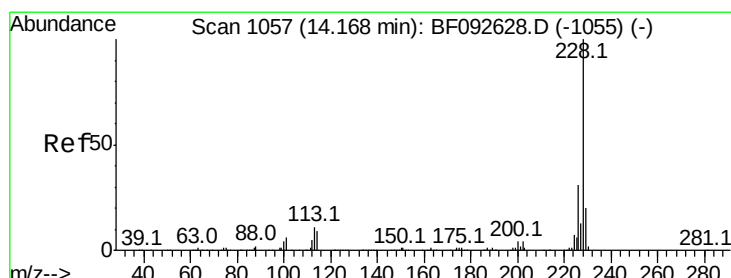
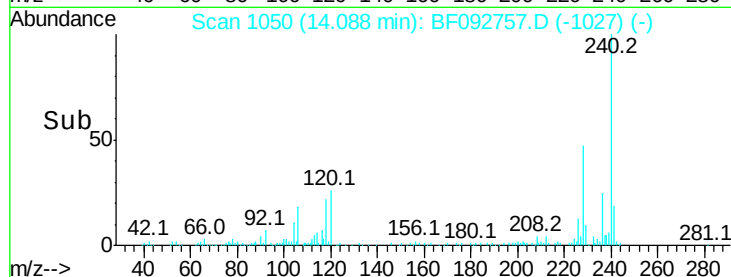
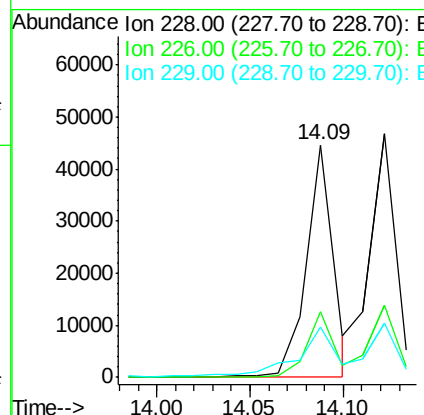
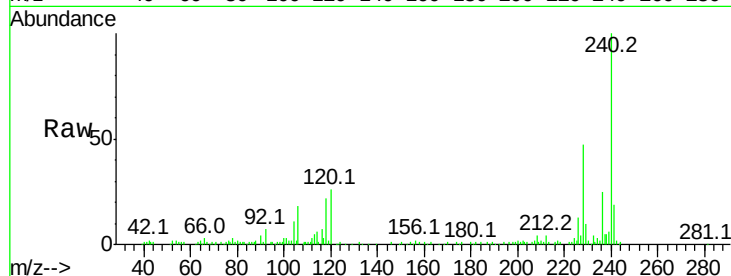
#80
Benzo(a)anthracene
Concen: 2.42 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	21.9	16.2	24.4

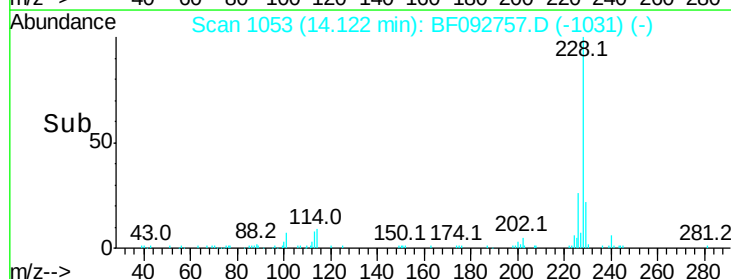
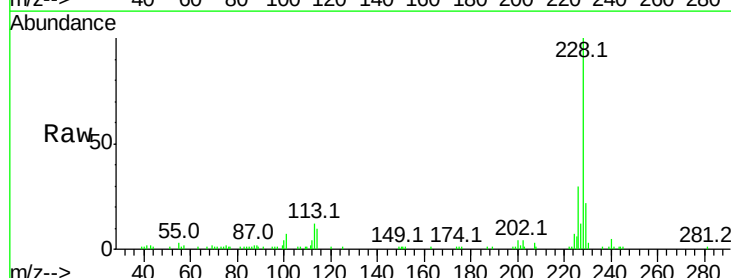
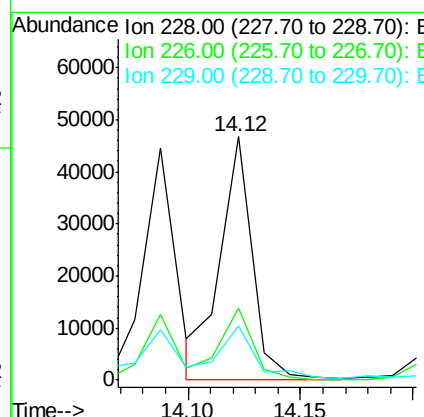
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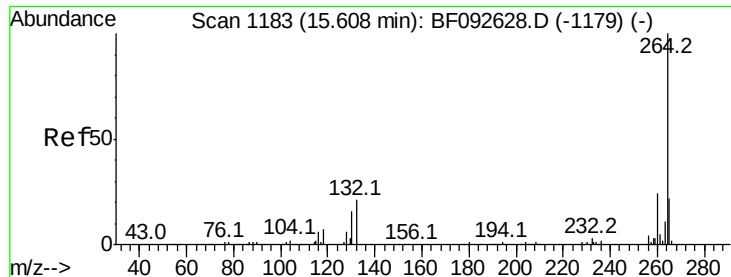
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#82
Chrysene
Concen: 2.61 ng m
RT: 14.12 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.0
229	22.4	16.2	24.2





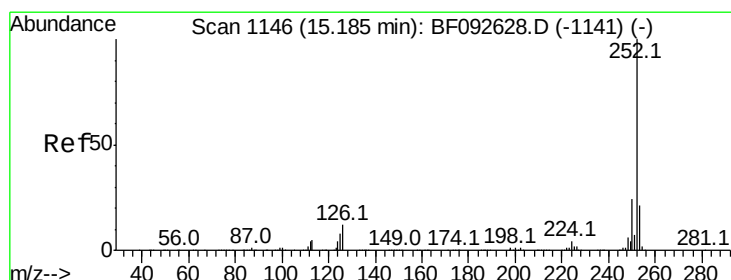
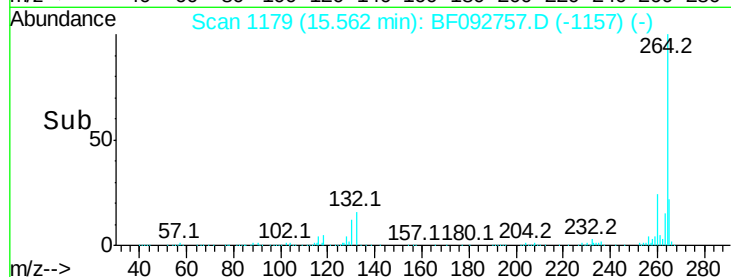
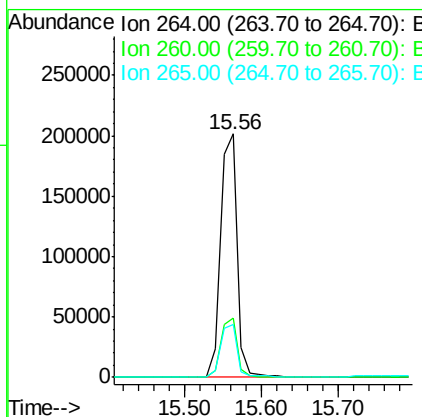
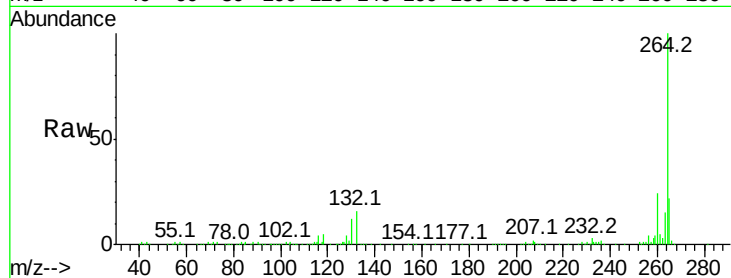
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.4	26.0

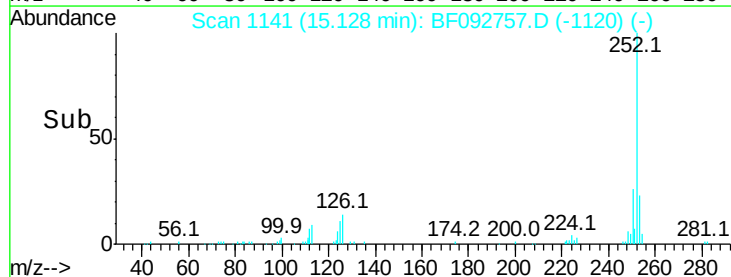
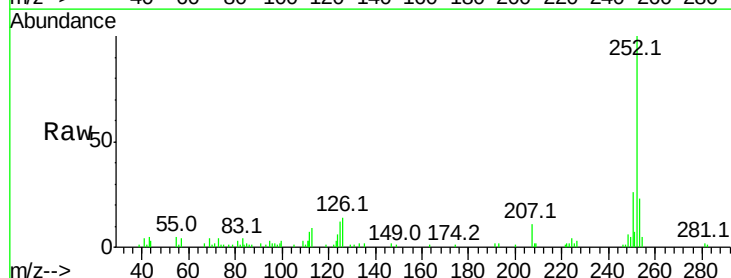
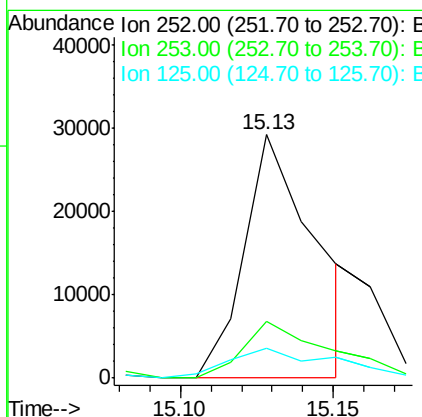
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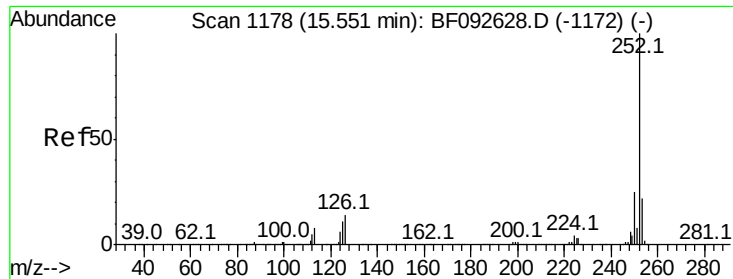
mohammad
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#87
Benzo(b)fluoranthene
Concen: 2.35 ng m
RT: 15.13 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BF092757.D
Acq: 3 Feb 2017 1:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.4	9.8	14.6





#89
 Benzo(a)pyrene
 Concen: 2.01 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.06 min
 Lab File: BF092757.D
 Acq: 3 Feb 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	18.2	27.2
125	13.0	10.0	15.0

Manual Integrations
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