

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092900.D
 Acq On : 10 Feb 2017 23:07
 Operator : SJ/MA
 Sample : I1777-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-03-0-2

Manual Integrations
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 2/13/2017 12:41:07 PM

Quant Time: Feb 11 00:33:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159559	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	624457	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	375137	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	635287	20.00	ng	0.00
75) Chrysene-d12	14.05	240	478548	20.00	ng	-0.01
86) Perylene-d12	15.51	264	371679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	818570	88.01	ng	0.00
7) Phenol-d6	6.53	99	1134277	94.79	ng	0.00
23) Nitrobenzene-d5	7.46	82	731142	65.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	215414	79.39	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1409539	68.07	ng	-0.01
78) Terphenyl-d14	13.01	244	1343069	65.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.54	94	71363	5.10	ng	# 72
49) Dimethylphthalate	9.65	163	89006	3.52	ng	99
70) Phenanthrene	11.45	178	86056	2.36	ng	97
74) Fluoranthene	12.64	202	157330	4.19	ng	93
77) Pyrene	12.87	202	161126	4.50	ng	97
80) Benzo(a)anthracene	14.04	228	75507	2.58	ng	98
82) Chrysene	14.08	228	58644m	2.14	ng	
87) Benzo(b)fluoranthene	15.08	252	73254m	2.99	ng	
89) Benzo(a)pyrene	15.44	252	46936	2.22	ng	# 93

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

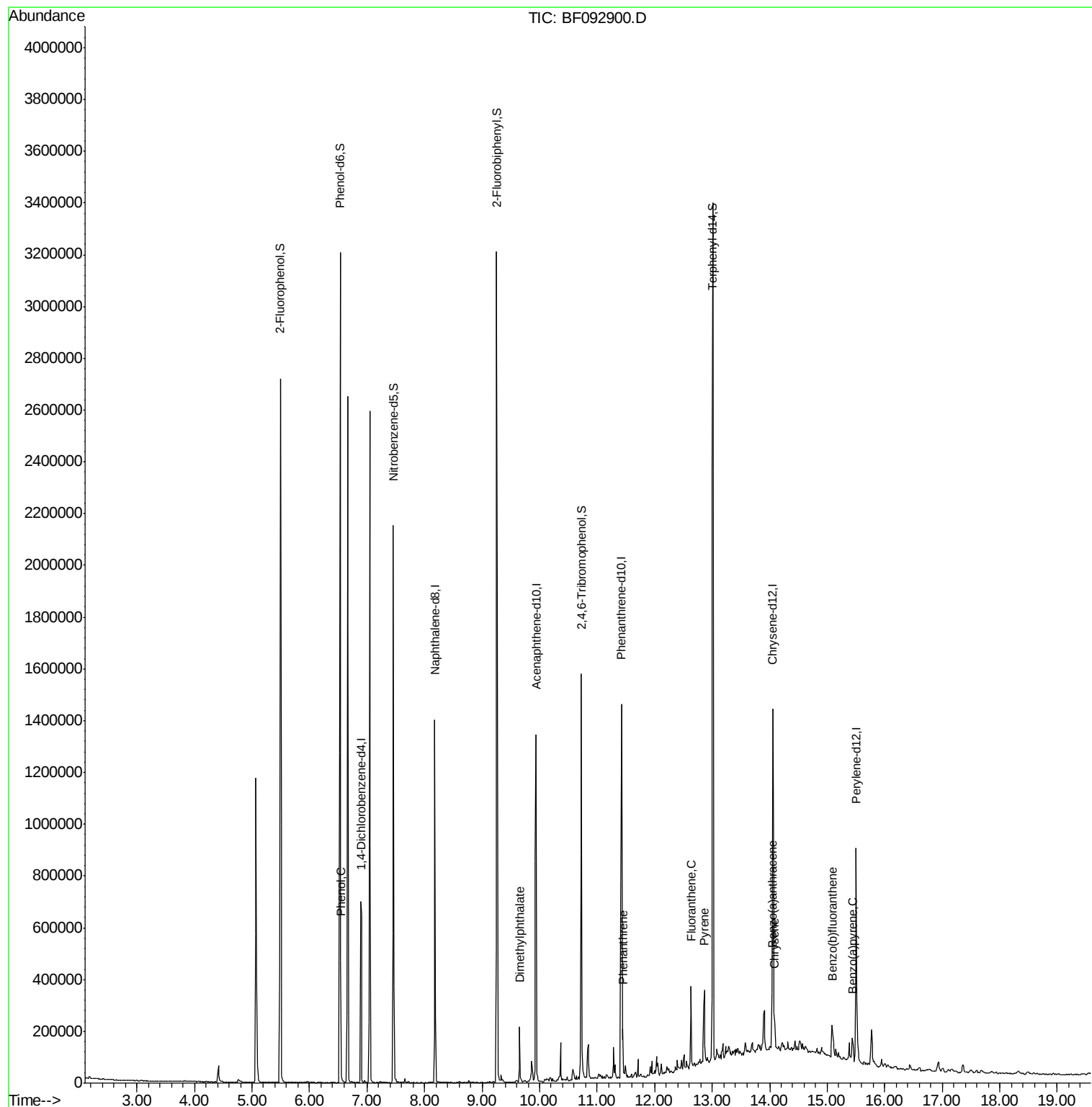
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092900.D
Acq On : 10 Feb 2017 23:07
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Instrument :

BNA_F

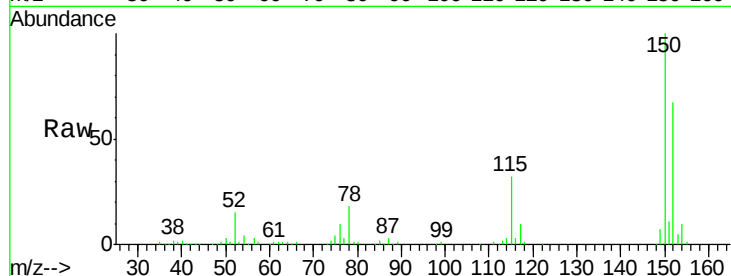
ClientSampleId :

38-SB-03-0-2

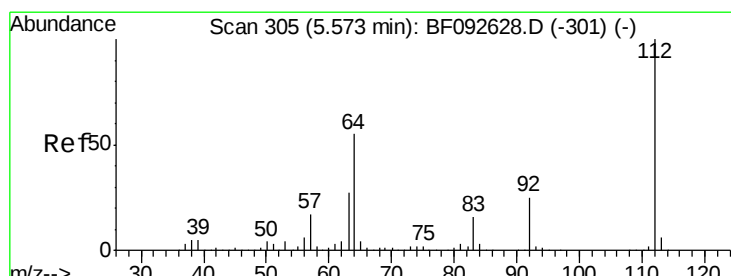
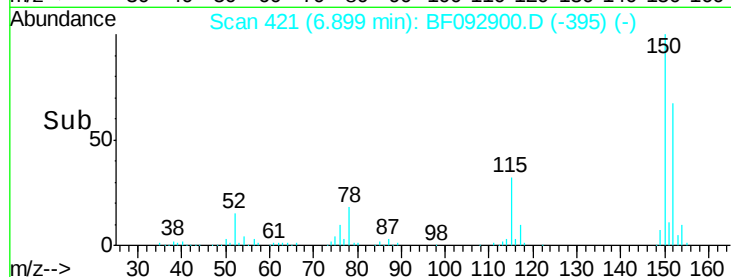
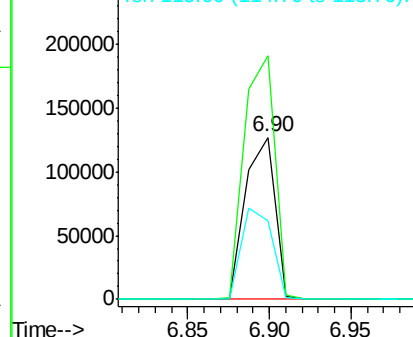
Tgt Ion:	152	Resp:	159559
Ion Ratio	Lower	Upper	
152	100		
150	150.0	124.9	187.3
115	48.1	46.0	69.0

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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: 88.01 ng

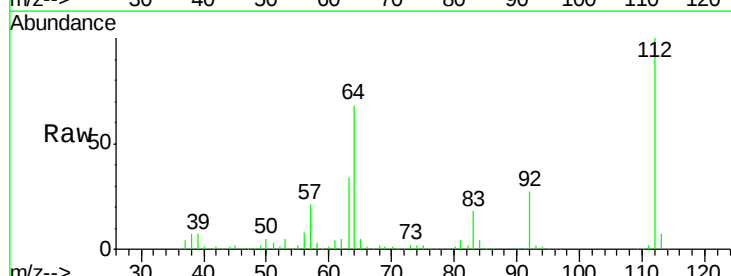
RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

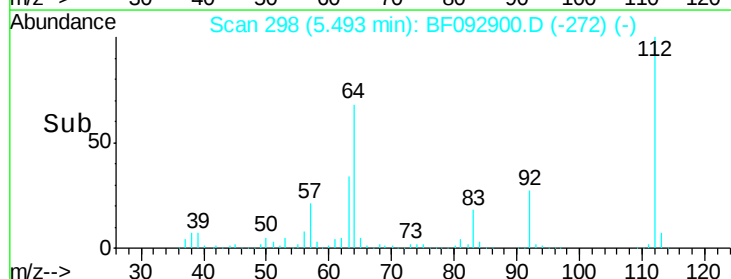
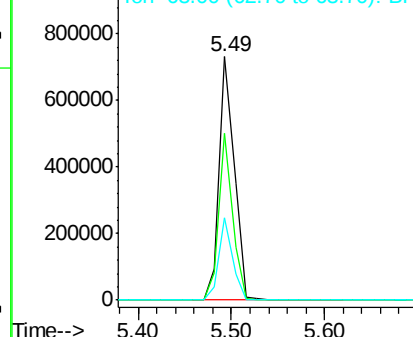
Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Tgt Ion:	112	Resp:	818570
Ion Ratio	Lower	Upper	
112	100		
64	68.3	46.1	69.1
63	34.0	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: 94.79 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Instrument :

BNA_F

ClientSampleId :

38-SB-03-0-2

Tgt Ion: 99 Resp: 1134277

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

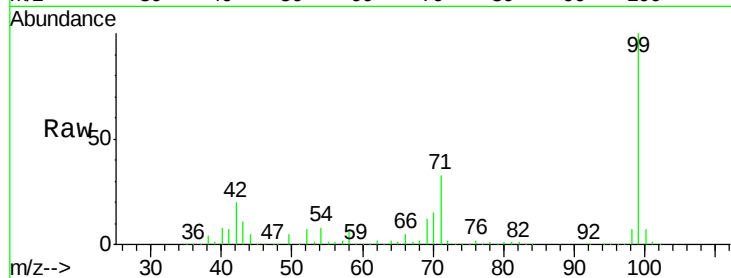
71 33.2 27.5 41.3

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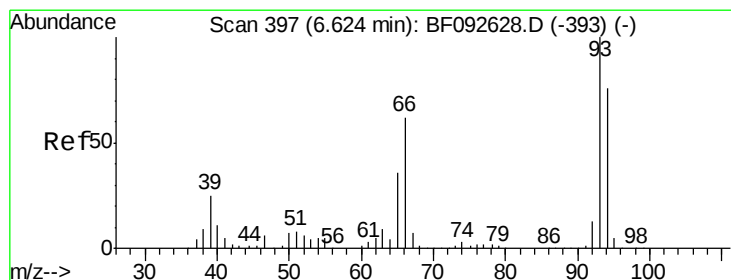
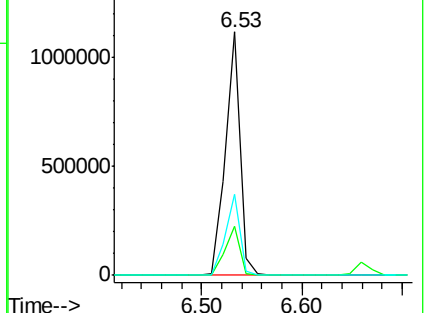
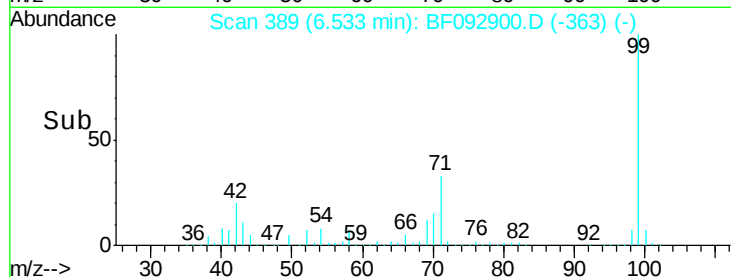
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.10 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

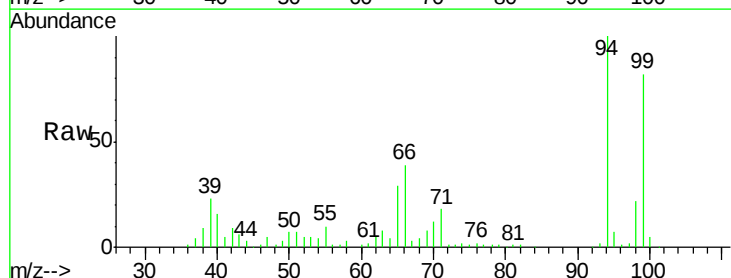
Tgt Ion: 94 Resp: 71363

Ion Ratio Lower Upper

94 100

65 28.7 21.4 61.4

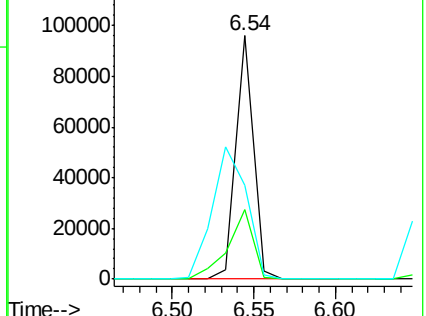
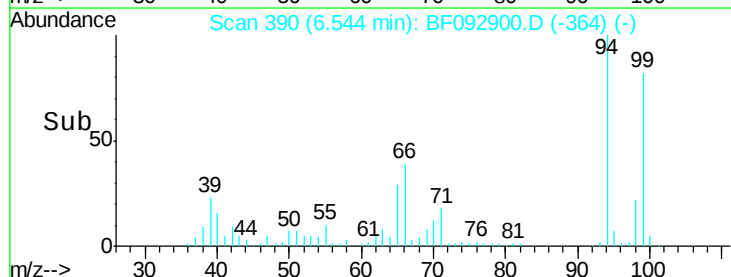
66 38.6 44.0 84.0#



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





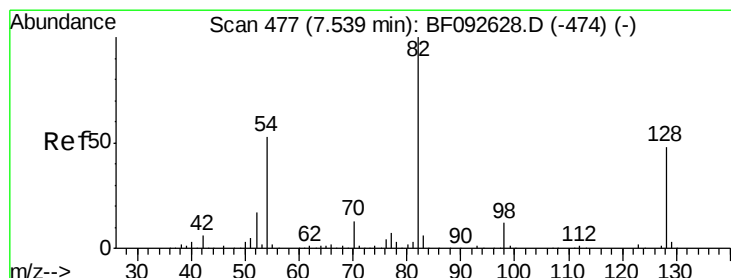
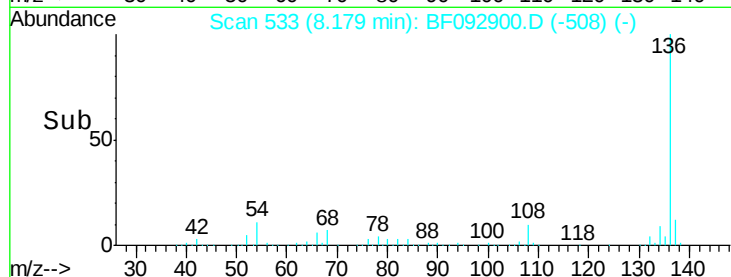
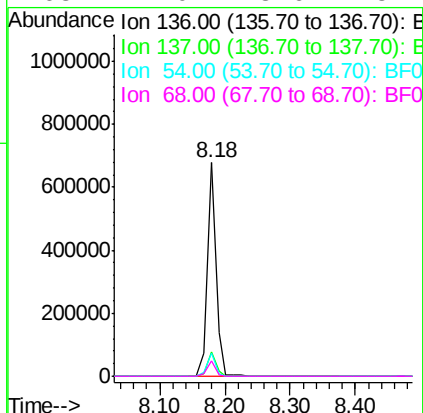
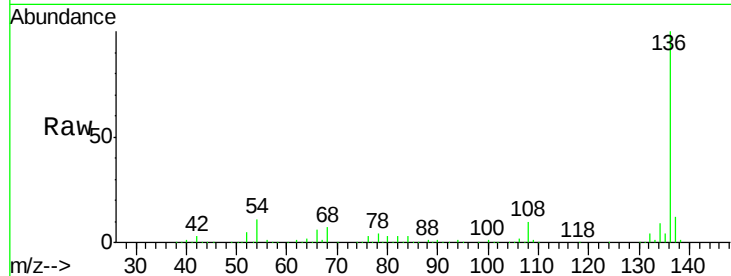
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	624457		
137	11.5	8.4	12.6	
54	10.5	4.5	6.7#	
68	7.0	3.6	5.4#	

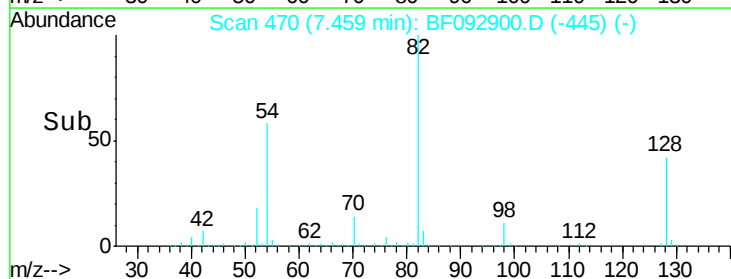
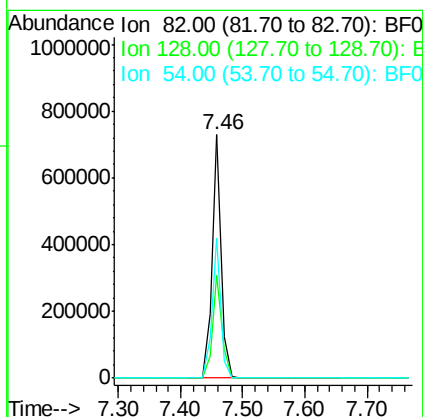
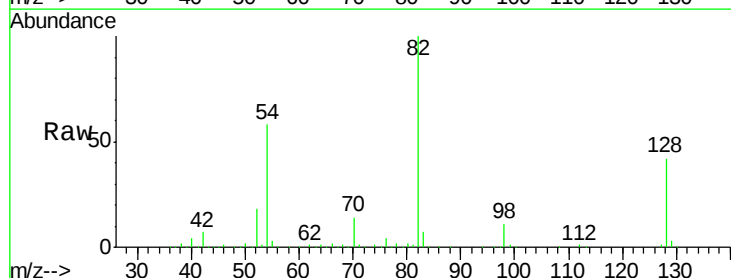
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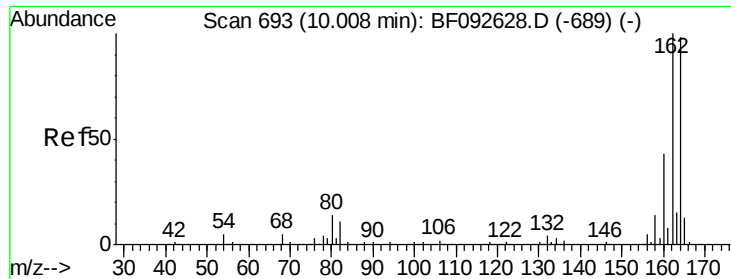
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#23
Nitrobenzene-d5
Concen: 65.20 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	731142		
128	42.2	34.6	52.0	
54	57.6	39.5	59.3	





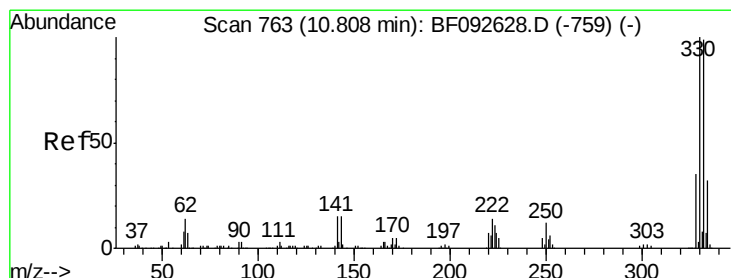
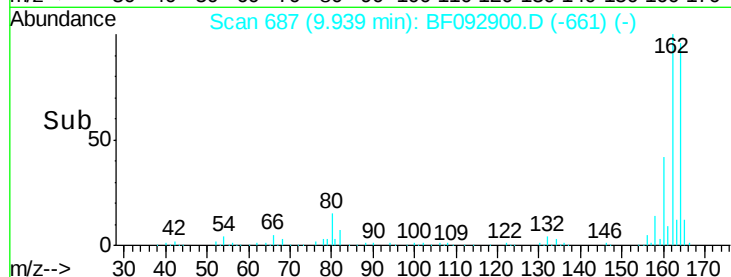
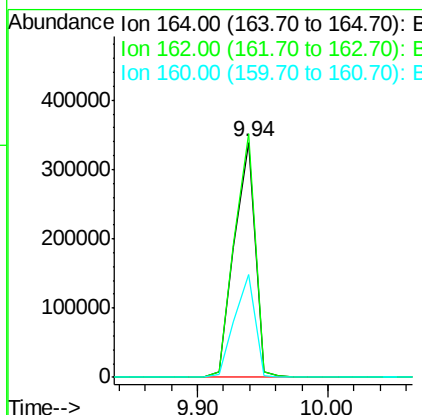
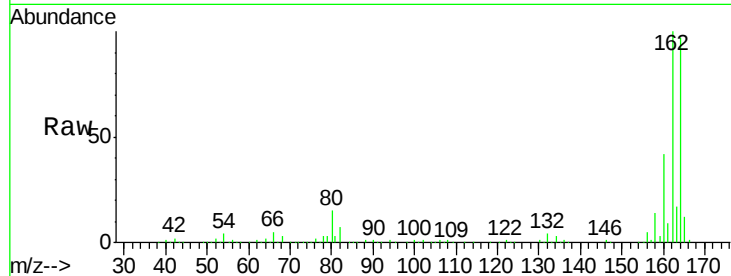
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	375137		
162	103.5	80.2	120.2	
160	43.7	36.9	55.3	

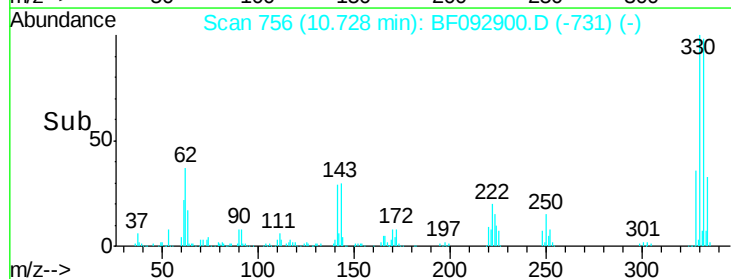
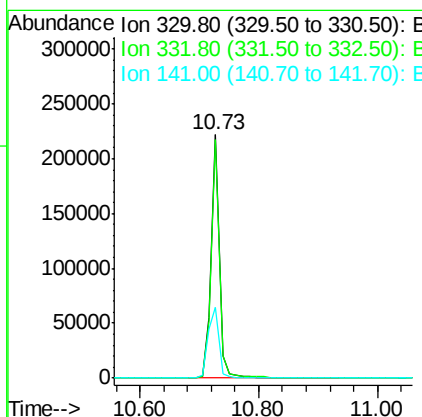
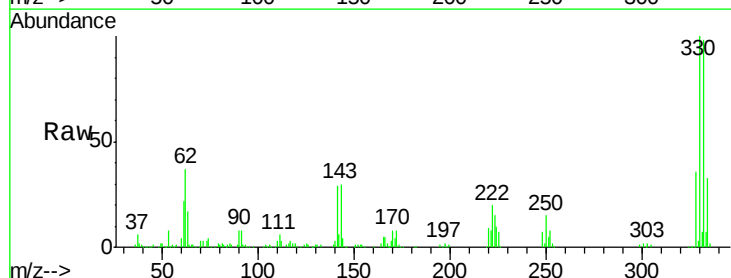
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#41
2,4,6-Tribromophenol
Concen: 79.39 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215414		
332	97.1	77.4	116.2	
141	38.5	34.1	51.1	





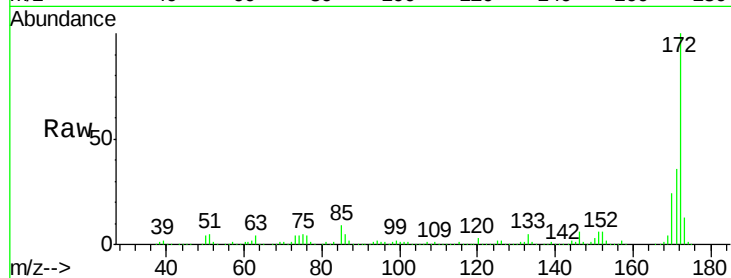
#44
2-Fluorobiphenyl
Concen: 68.07 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

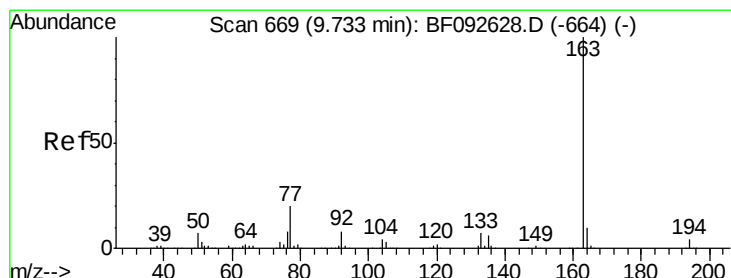
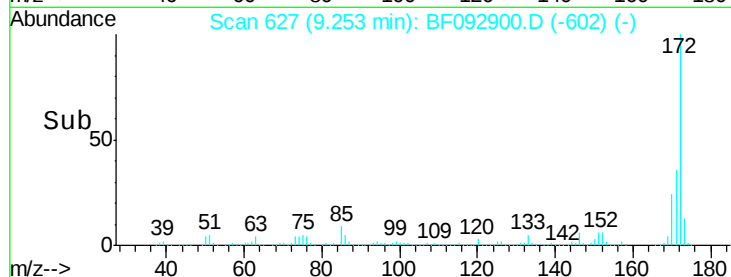
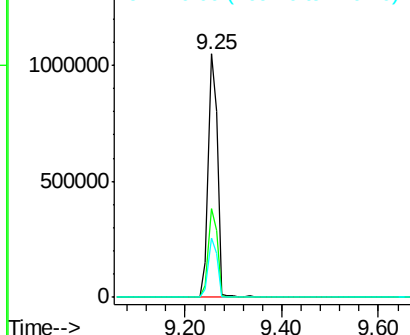
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	20.2	30.4

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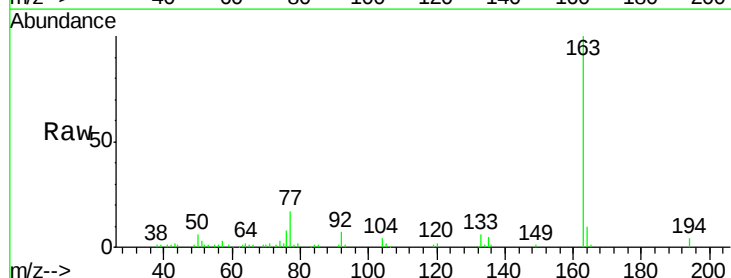


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

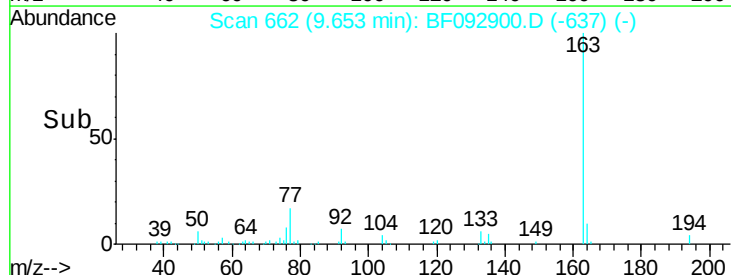
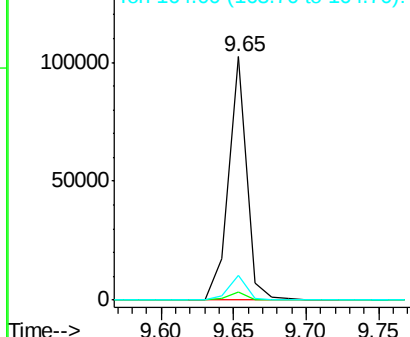


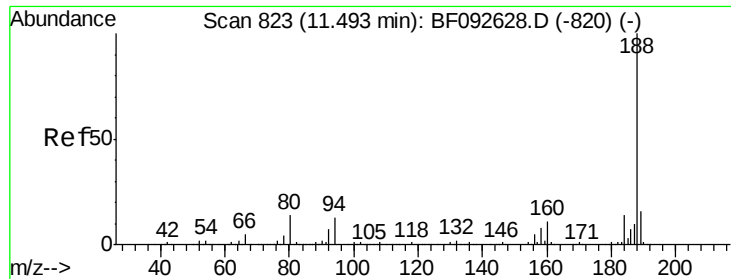
#49
Dimethylphthalate
Concen: 3.52 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Instrument :

BNA_F

ClientSampleId :

38-SB-03-0-2

Tgt Ion:188 Resp: 635287

Ion Ratio Lower Upper

188 100

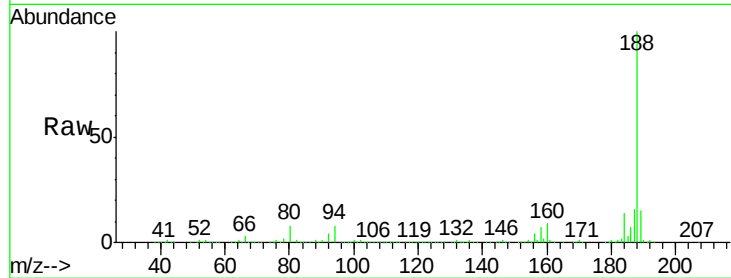
94 7.9 10.0 15.0#

80 8.0 11.2 16.8#

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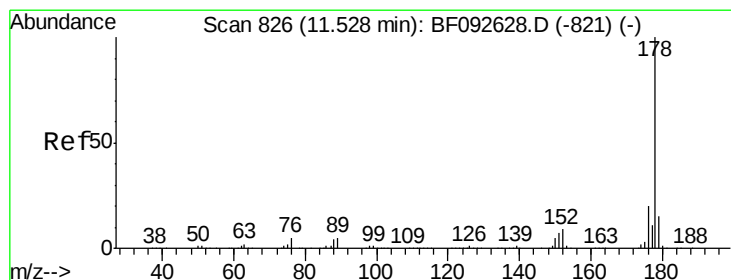
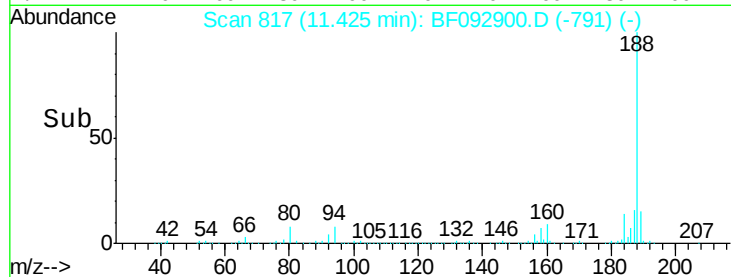
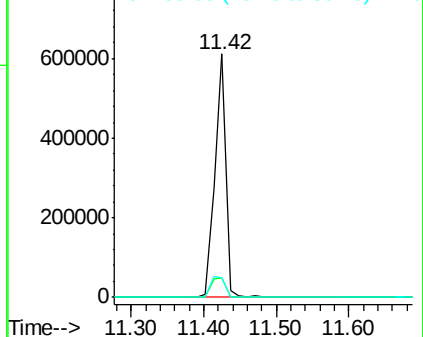
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.36 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

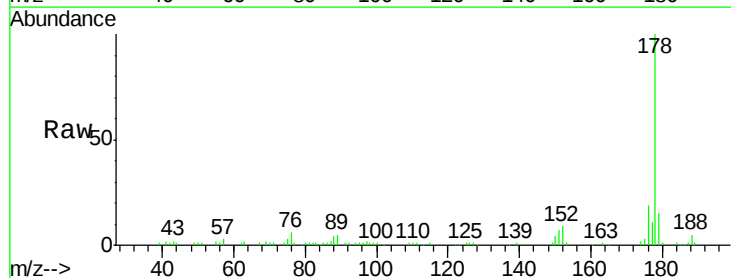
Tgt Ion:178 Resp: 86056

Ion Ratio Lower Upper

178 100

176 18.6 16.6 25.0

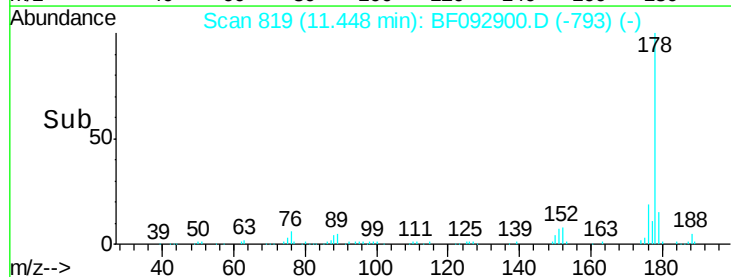
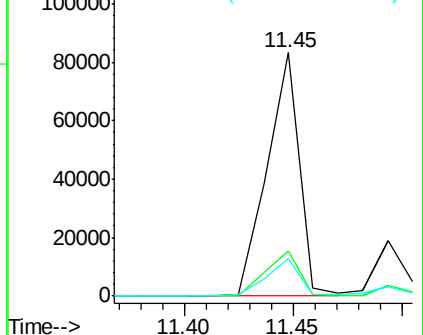
179 15.3 12.8 19.2

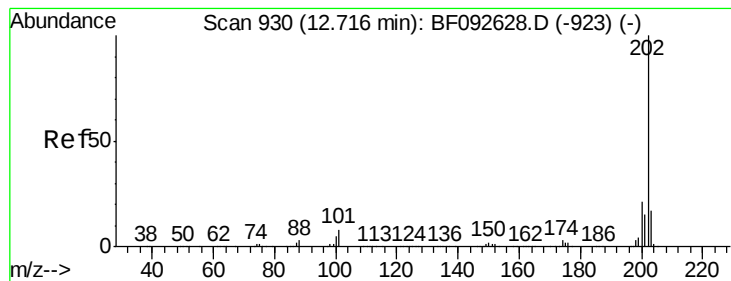


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.19 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Instrument :

BNA_F

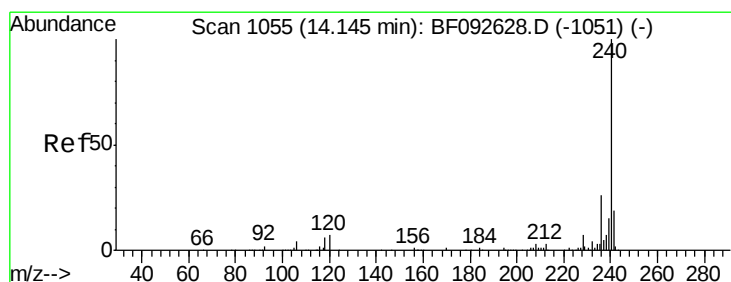
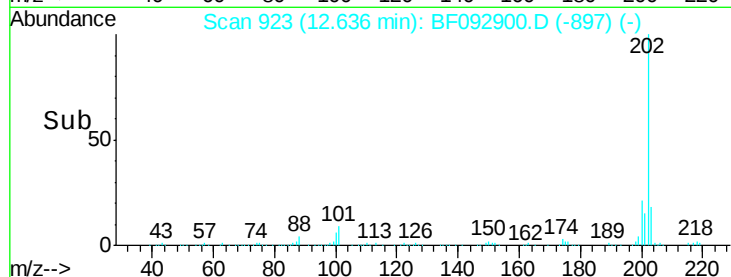
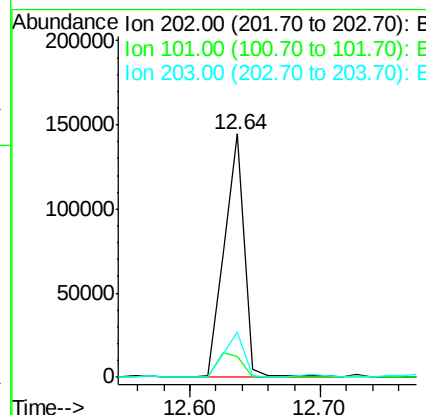
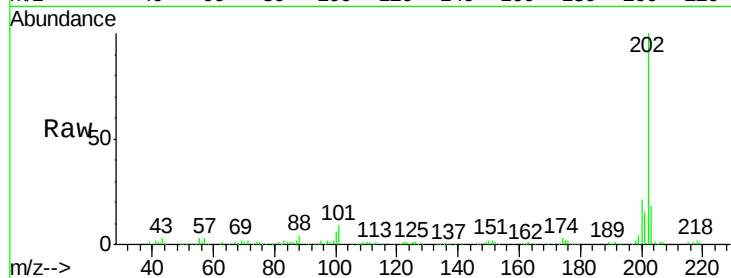
ClientSampleId :

38-SB-03-0-2

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		157330		
101	8.5	0.0	34.6		
203	18.4	0.0	38.7		

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#75

Chrysene-d12

Concen: 20.00 ng

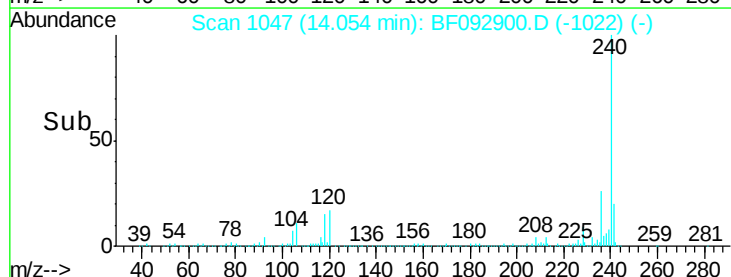
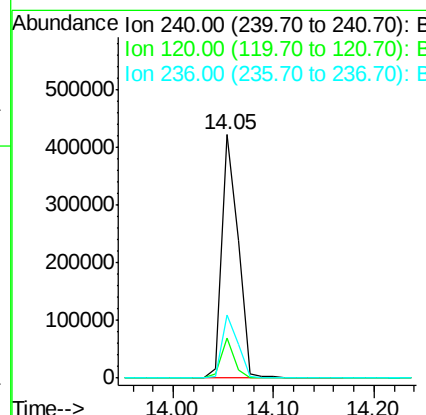
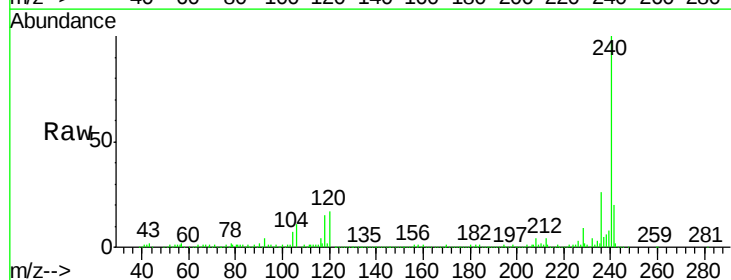
RT: 14.05 min Scan# 1047

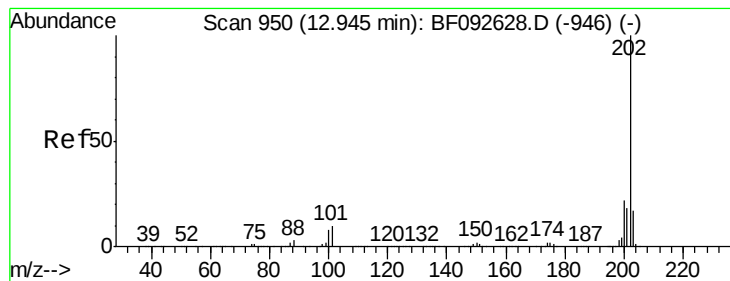
Delta R.T. -0.01 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		478548		
120	16.5	12.9	19.3		
236	25.9	20.9	31.3		





#77

Pyrene

Concen: 4.50 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

Instrument :

BNA_F

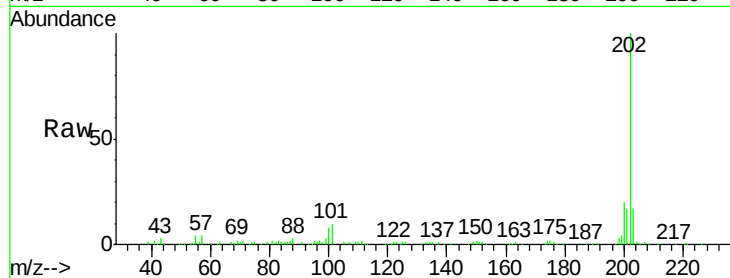
ClientSampleId :

38-SB-03-0-2

Tgt Ion:	202	Resp:	161126
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.7	26.5
203	17.2	14.7	22.1

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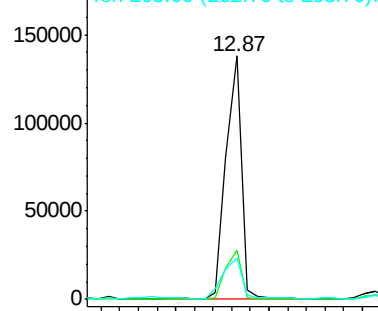
mohammad
2/13/2017 12:41:07 PM



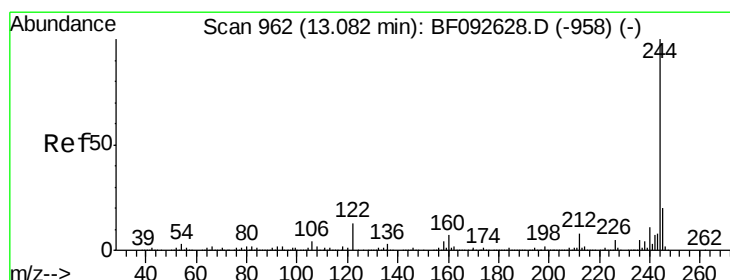
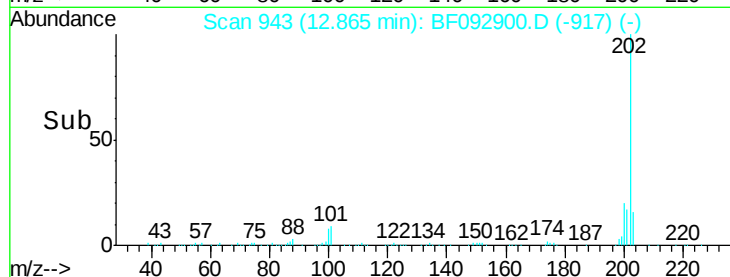
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 65.94 ng

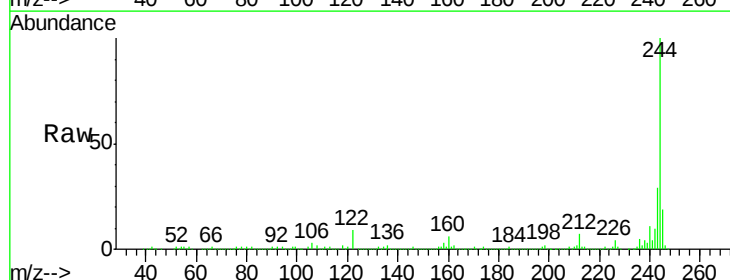
RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092900.D

Acq: 10 Feb 2017 23:07

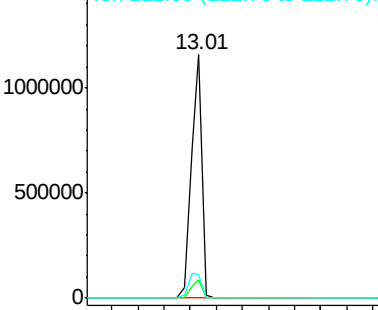
Tgt Ion:	244	Resp:	1343069
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.2
122	9.4	11.4	17.2



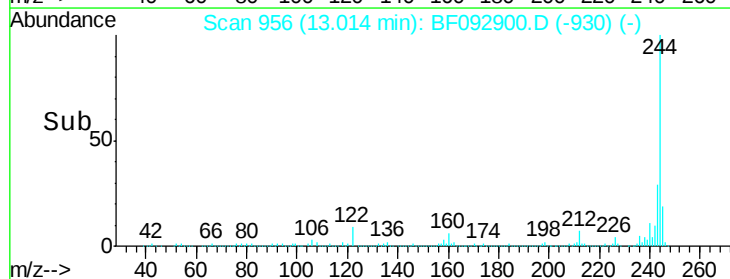
Abundance Ion 244.00 (243.70 to 244.70): E

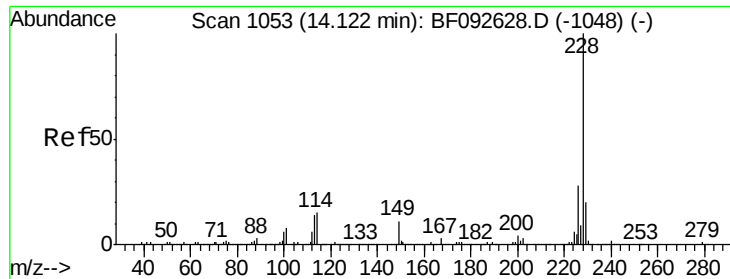
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





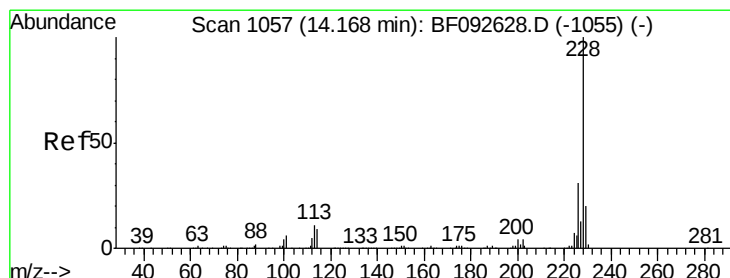
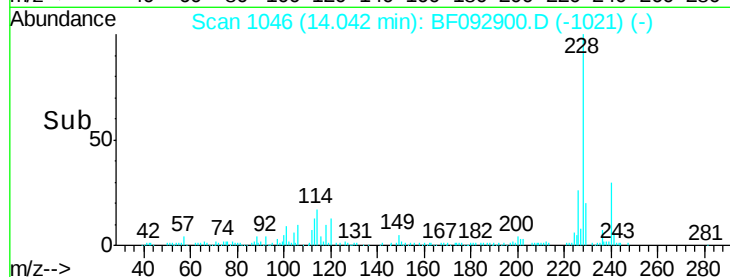
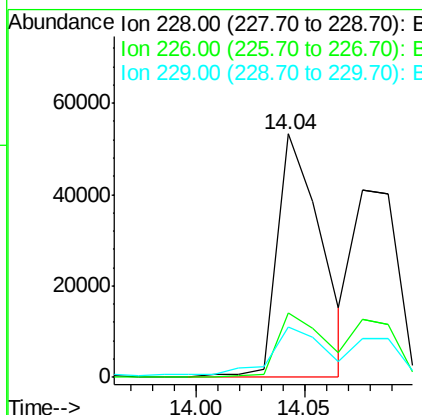
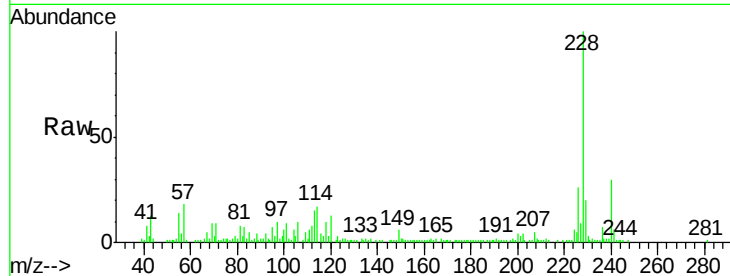
#80
Benzo(a)anthracene
Concen: 2.58 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.4	33.6
229	20.5	16.2	24.4

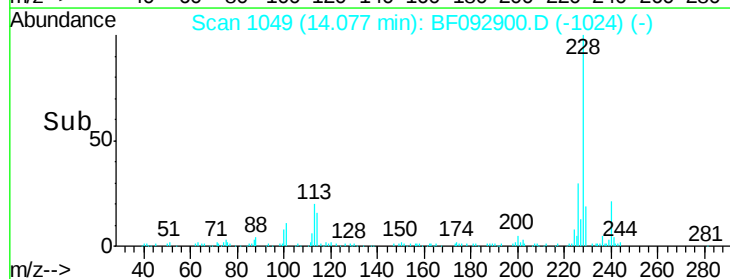
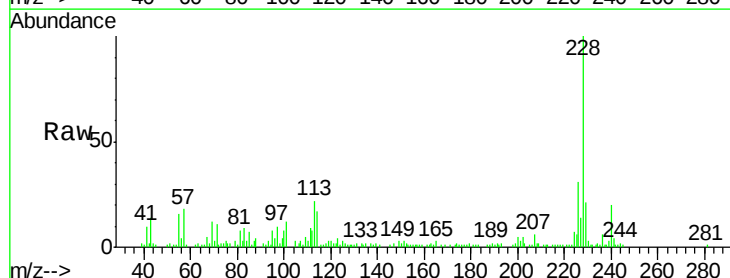
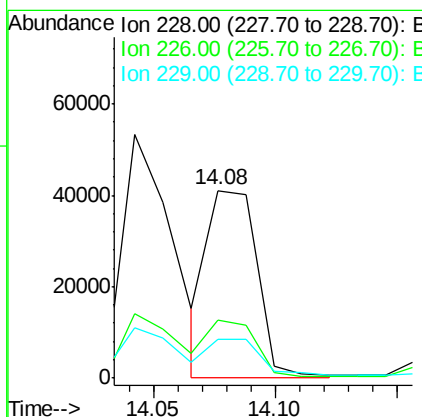
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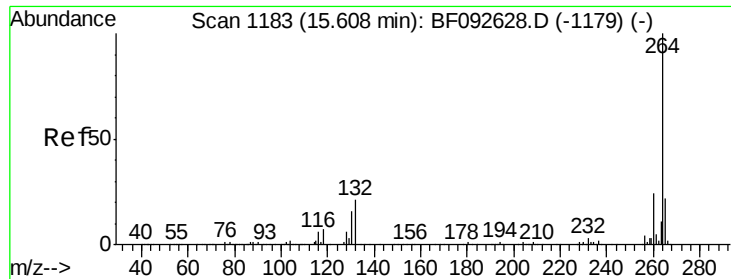
mohammad
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#82
Chrysene
Concen: 2.14 ng m
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	20.8	16.2	24.2





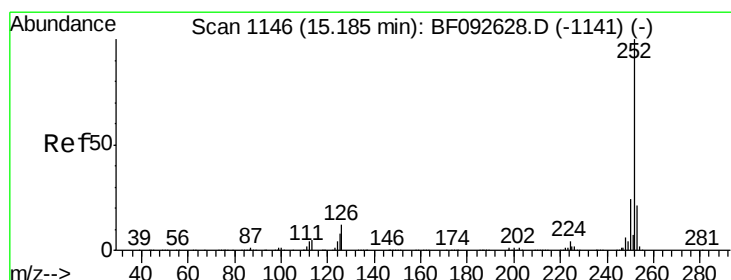
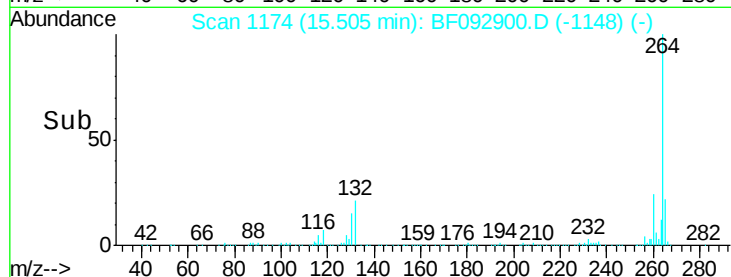
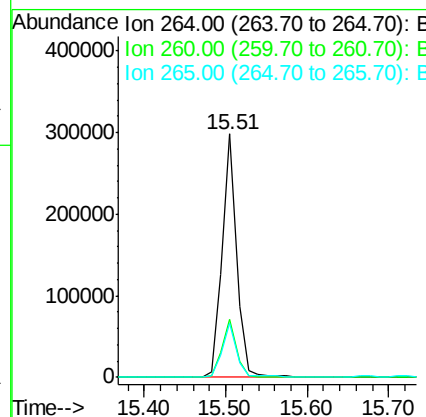
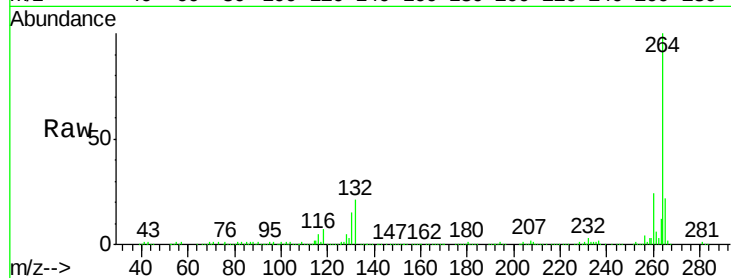
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	371679		
260	24.0	19.2	28.8	
265	22.2	17.4	26.0	

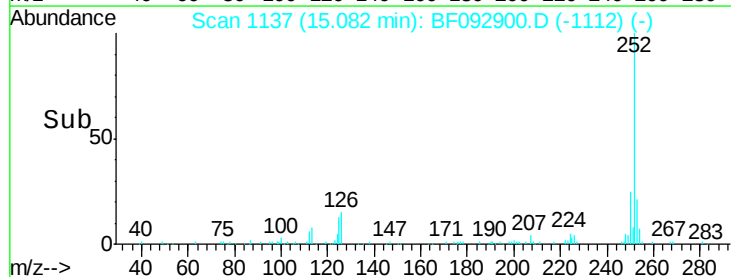
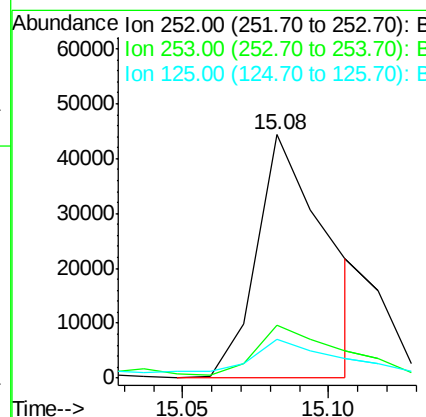
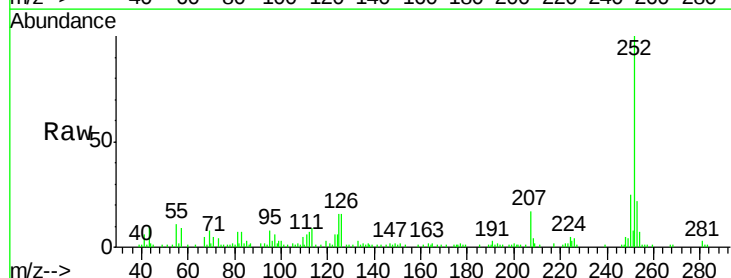
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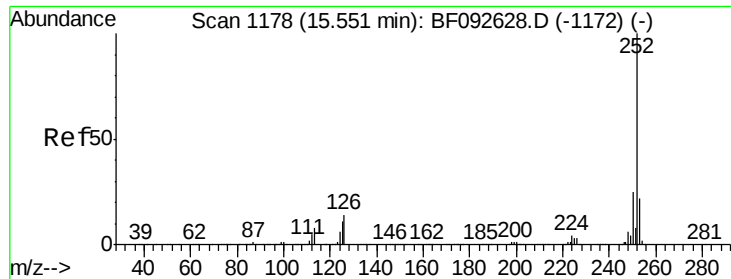
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#87
Benzo(b)fluoranthene
Concen: 2.99 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73254		
253	21.9	18.2	27.4	
125	15.8	9.8	14.6#	





#89
Benzo(a)pyrene
Concen: 2.22 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	17.4	10.0	15.0

Manual Integrations
APPROVED

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