

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092902.D
 Acq On : 11 Feb 2017 00:02
 Operator : SJ/MA
 Sample : I1777-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-102-0-2

Manual Integrations
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Quant Time: Feb 11 00:39:24 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	176655	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	714048	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	435727	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	678007	20.00	ng	0.00
75) Chrysene-d12	14.05	240	448049	20.00	ng	-0.01
86) Perylene-d12	15.51	264	357340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1214258	117.93	ng	0.01
7) Phenol-d6	6.53	99	1384525	104.50	ng	0.00
23) Nitrobenzene-d5	7.46	82	909143	70.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	295128	93.65	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1786044	74.26	ng	0.00
78) Terphenyl-d14	13.01	244	1423727	74.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.54	94	87045	5.62	ng	85
49) Dimethylphthalate	9.65	163	229242	7.81	ng	100
70) Phenanthrene	11.45	178	179345	4.62	ng	96
74) Fluoranthene	12.64	202	277534	6.93	ng	91
77) Pyrene	12.87	202	248783	7.42	ng	96
80) Benzo(a)anthracene	14.04	228	116532	4.25	ng	100
82) Chrysene	14.08	228	87831m	3.42	ng	
85) Indeno(1,2,3-cd)pyrene	16.92	276	50644	2.55	ng	97
87) Benzo(b)fluoranthene	15.08	252	96487m	4.10	ng	
88) Benzo(k)fluoranthene	15.09	252	46235m	2.28	ng	
89) Benzo(a)pyrene	15.44	252	76516	3.76	ng	# 96
91) Benzo(g,h,i)perylene	17.36	276	52358	3.15	ng	# 90

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

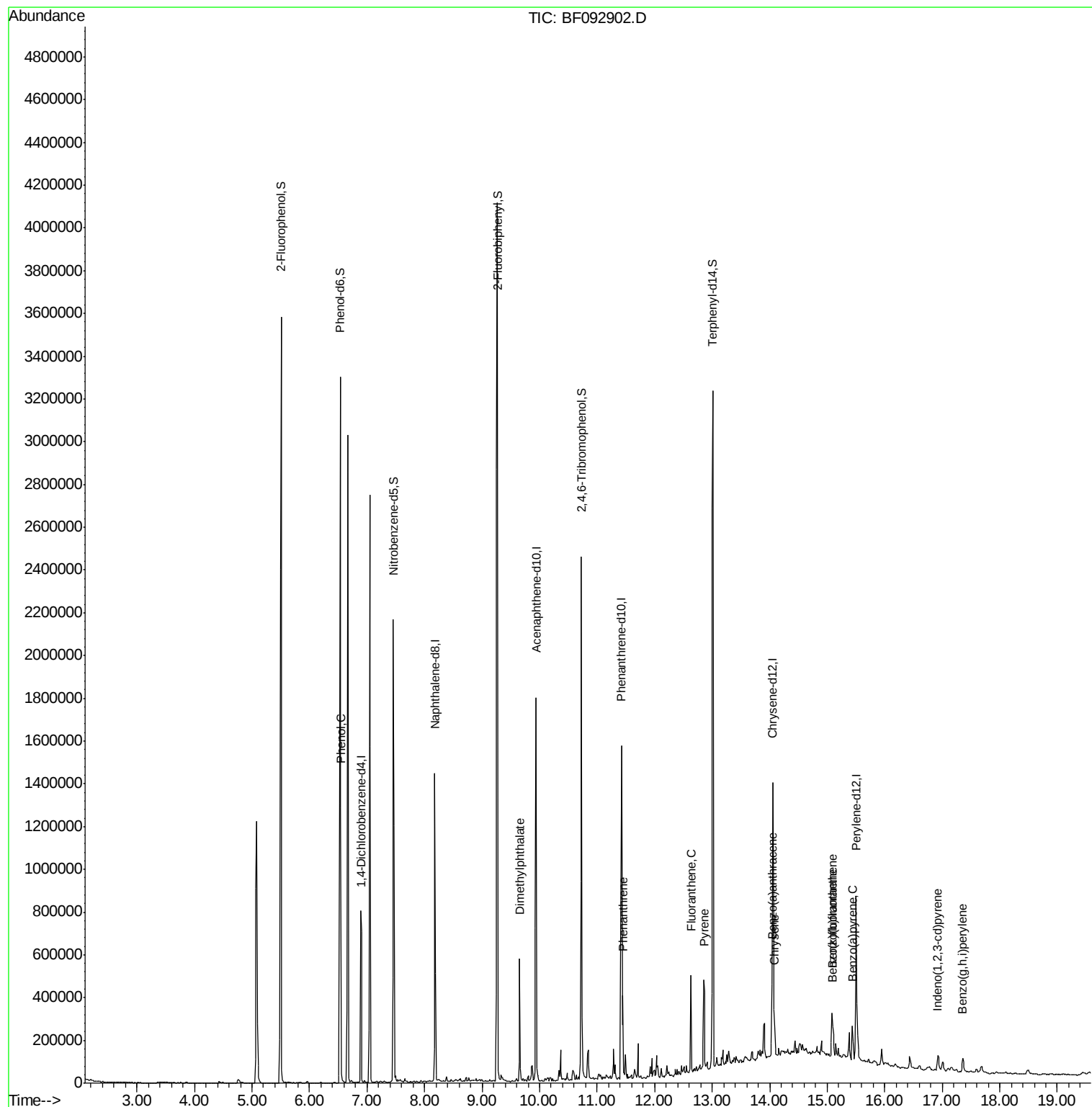
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092902.D
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Operator : SJ/MA
Sample : I1777-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

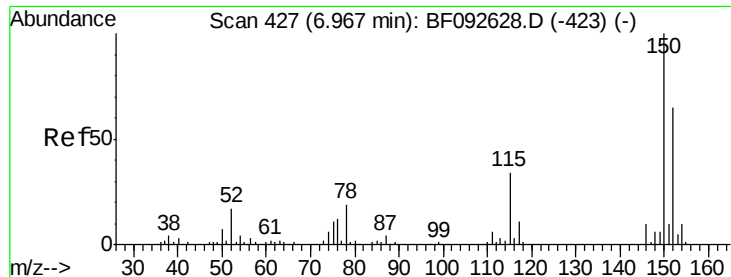
Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

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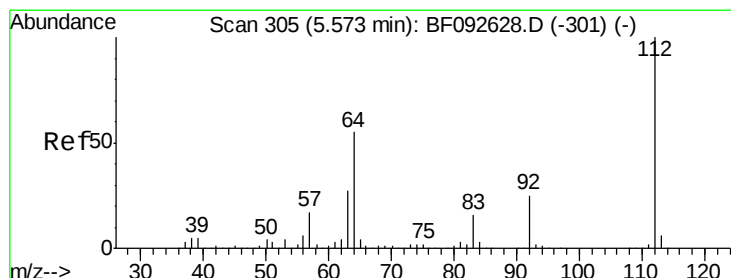
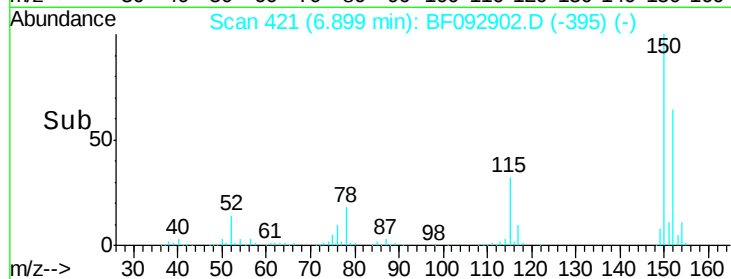
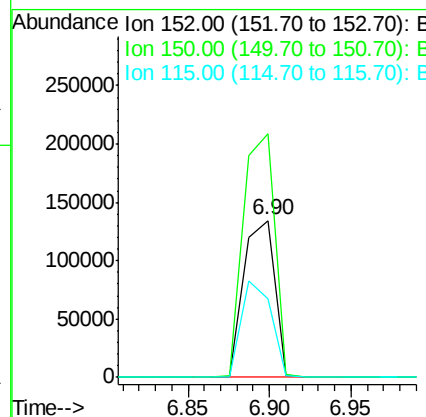
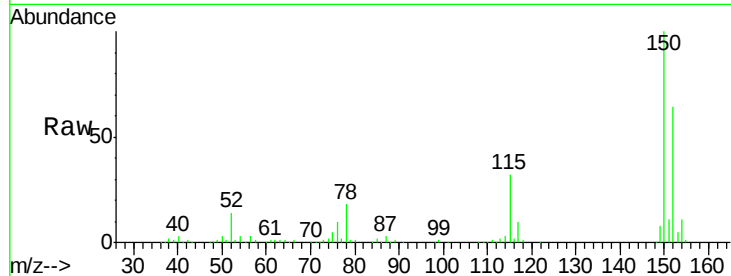
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092902.D
 Acq: 11 Feb 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-102-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	49.8	46.0	69.0

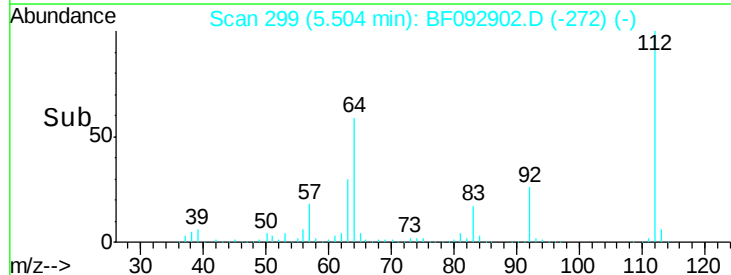
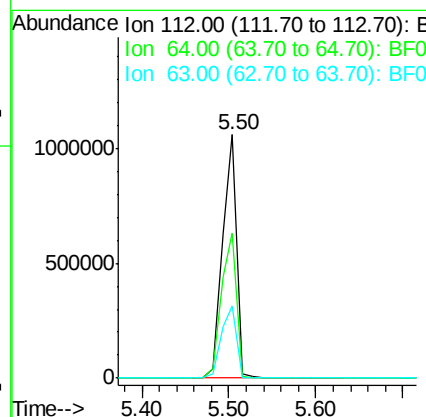
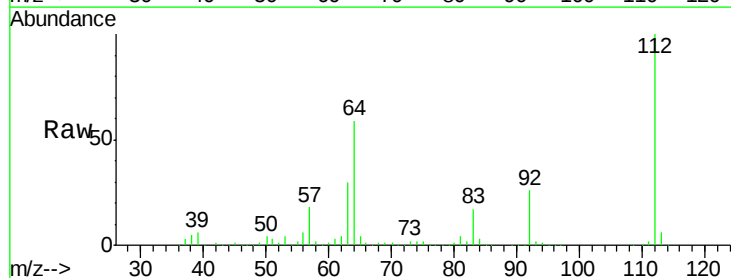
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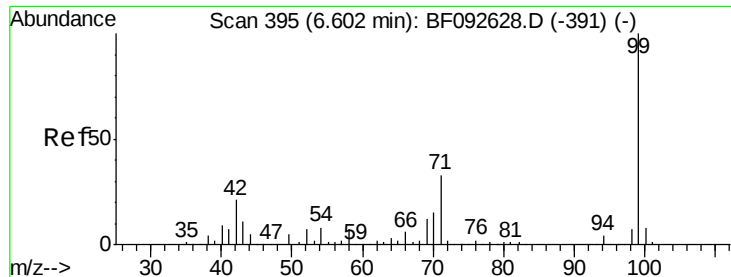
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#5
 2-Fluorophenol
 Concen: 117.93 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: BF092902.D
 Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.1	69.1
63	29.7	23.8	35.6





#7

Phenol-d6

Concen: 104.50 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092902.D

Acq: 11 Feb 2017 00:02

Instrument :

BNA_F

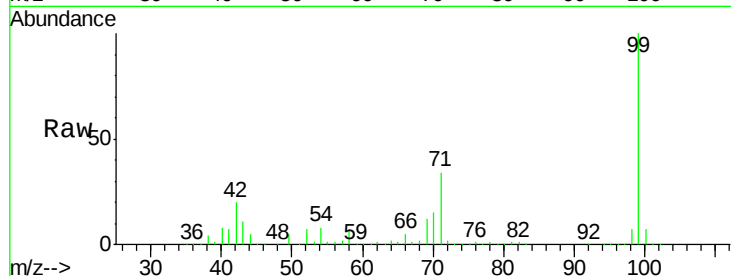
ClientSampleId :

38-SB-102-0-2

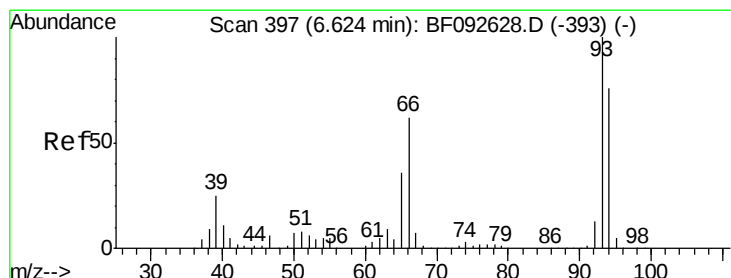
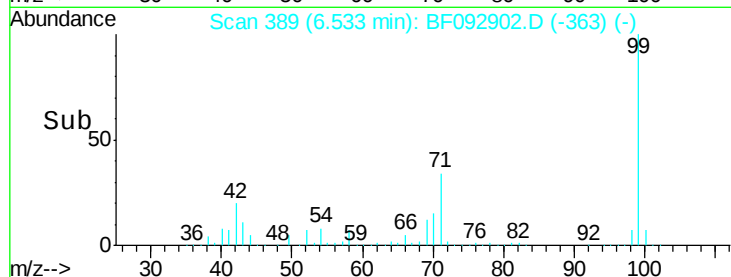
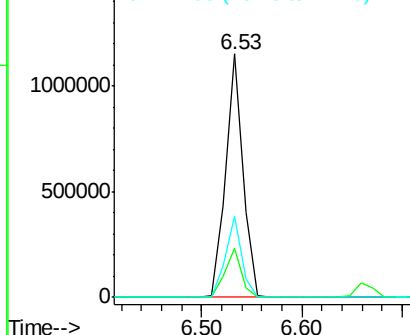
Tgt Ion:	99	Resp:	1384525
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.5	27.5	41.3

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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: 5.62 ng

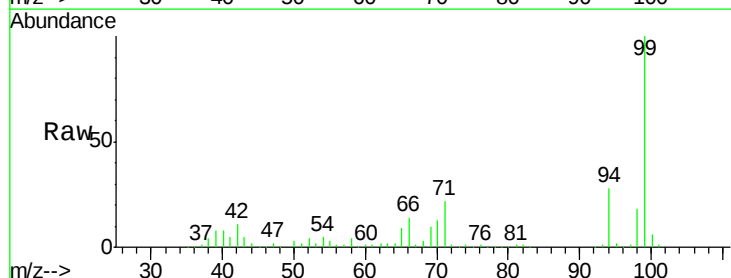
RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

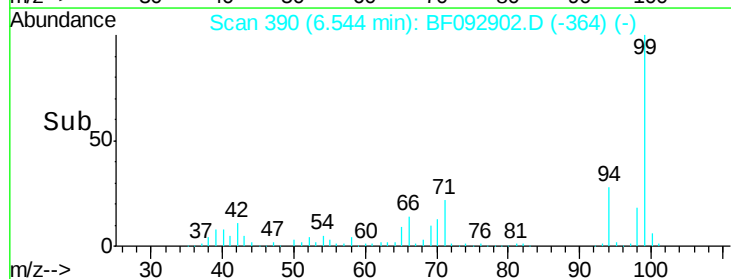
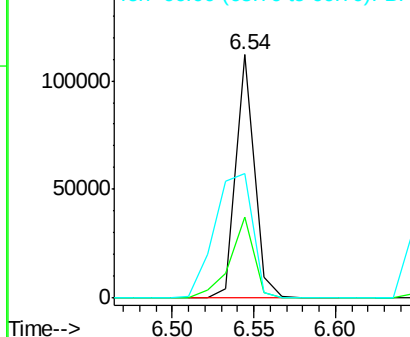
Lab File: BF092902.D

Acq: 11 Feb 2017 00:02

Tgt Ion:	94	Resp:	87045
Ion	Ratio	Lower	Upper
94	100		
65	33.1	21.4	61.4
66	51.0	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





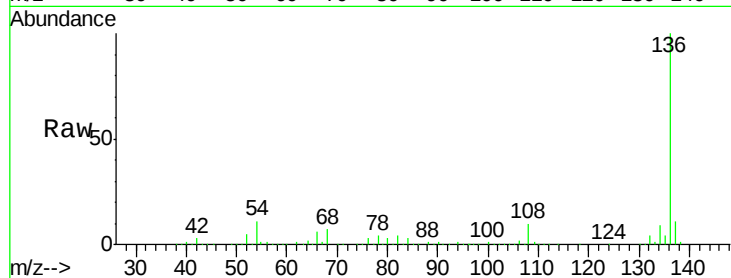
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

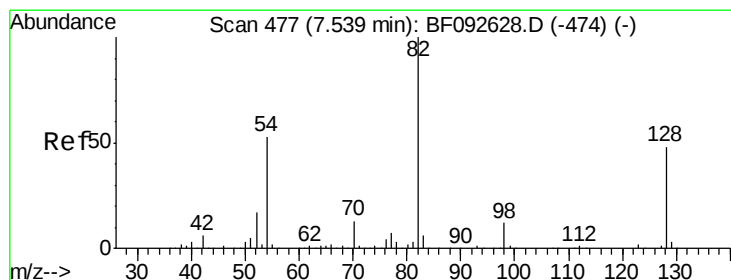
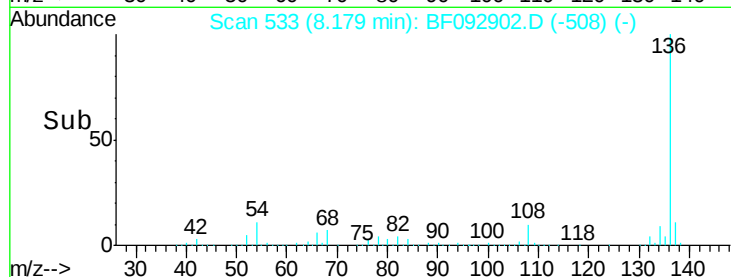
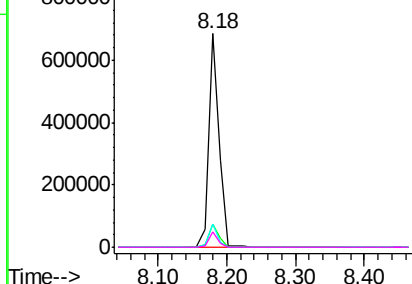
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	714048		
137	11.1	8.4	12.6	
54	11.1	4.5	6.7#	
68	7.4	3.6	5.4#	

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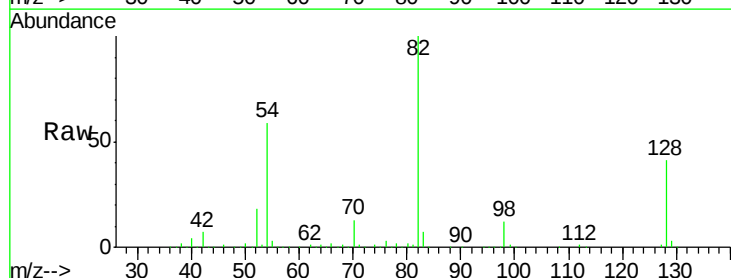


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

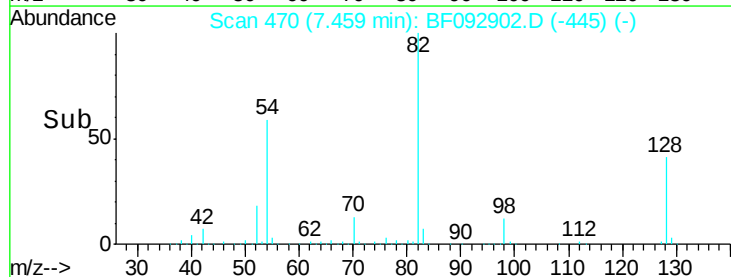
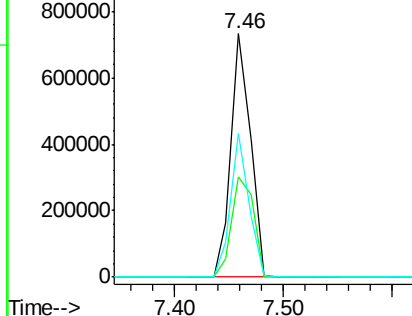


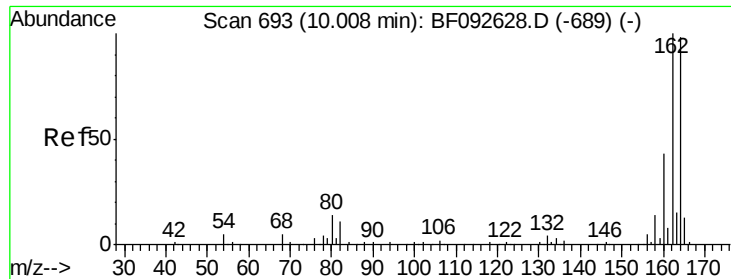
#23
Nitrobenzene-d5
Concen: 70.90 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	909143		
128	41.4	34.6	52.0	
54	59.0	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: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF092902.D

Acq: 11 Feb 2017 00:02

Instrument :

BNA_F

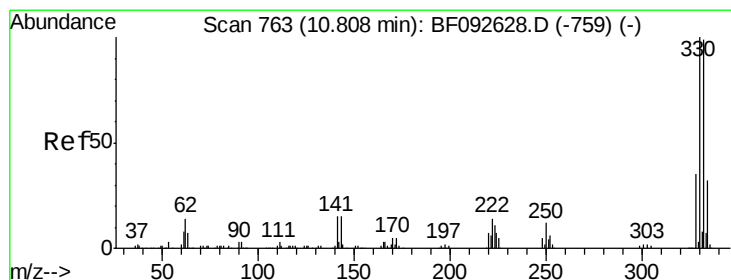
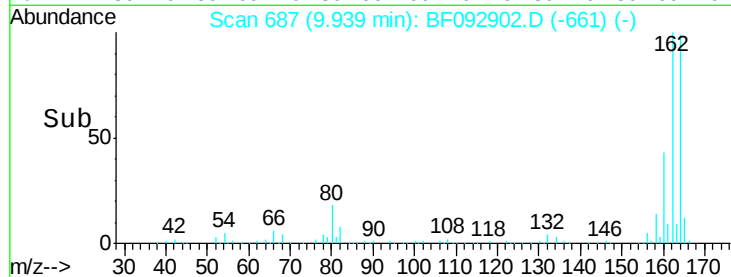
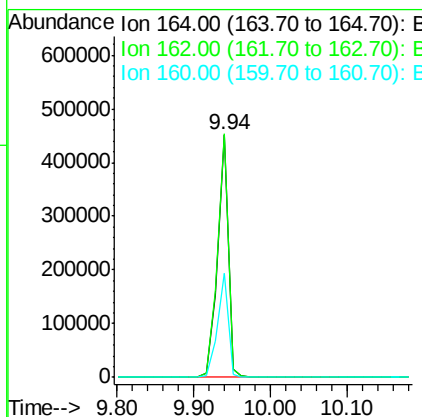
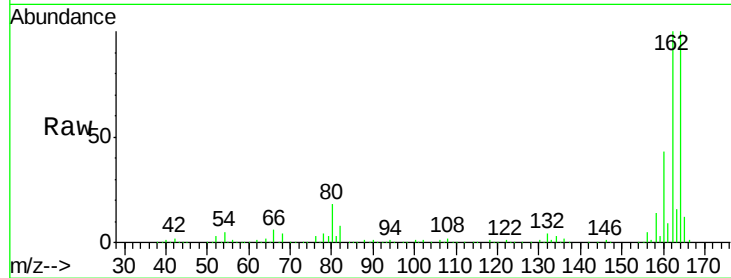
ClientSampleId :

38-SB-102-0-2

Tgt Ion:	164	Resp:	435727
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.2	120.2
160	42.8	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 93.65 ng

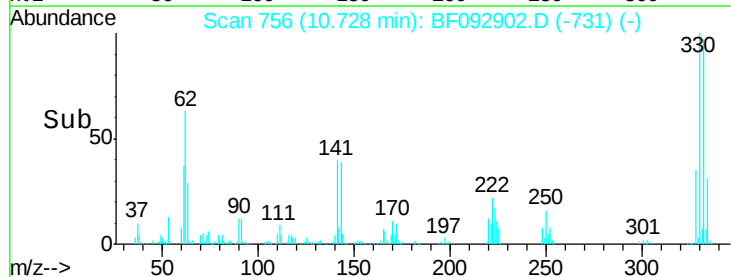
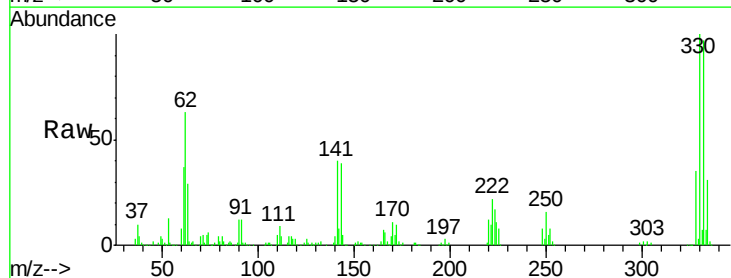
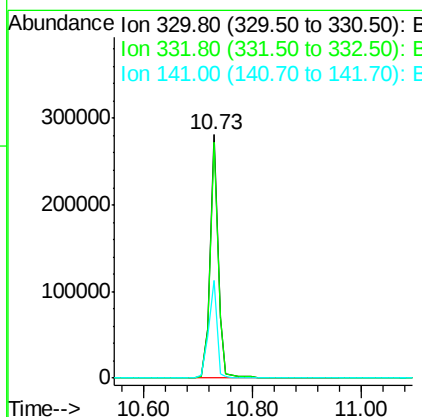
RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092902.D

Acq: 11 Feb 2017 00:02

Tgt Ion:	330	Resp:	295128
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.4	116.2
141	40.9	34.1	51.1





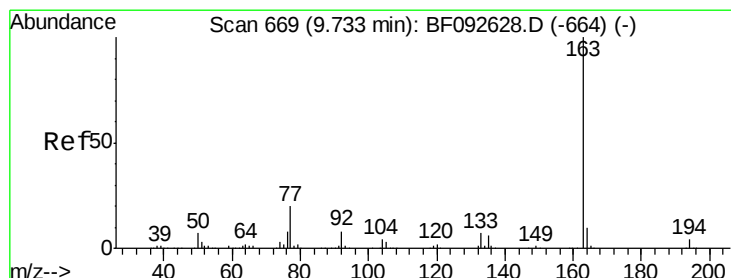
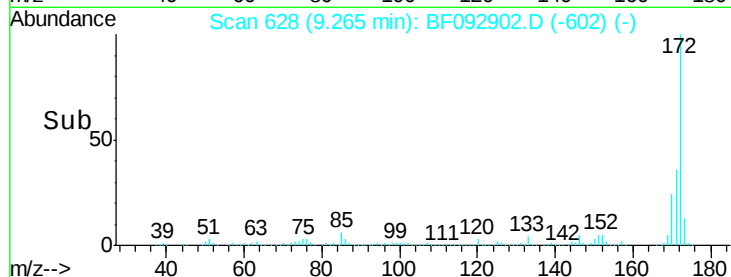
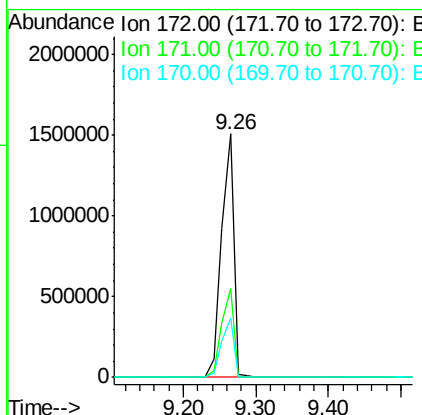
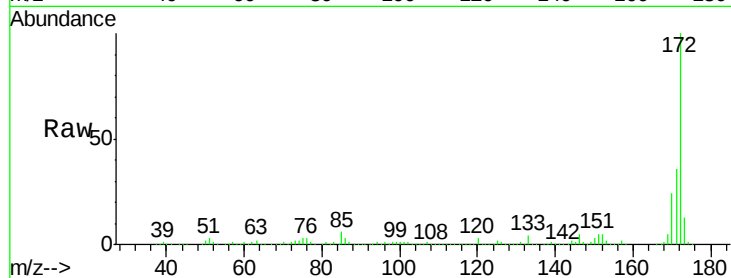
#44
 2-Fluorobiphenyl
 Concen: 74.26 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092902.D
 Acq: 11 Feb 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-102-0-2

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

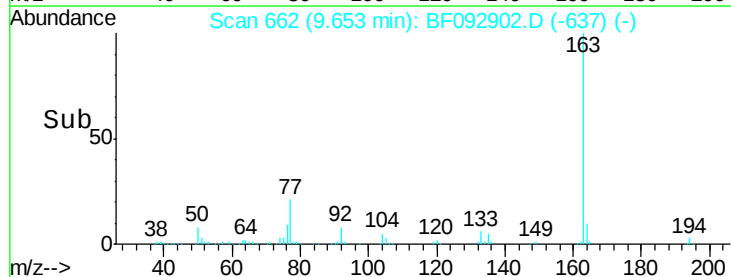
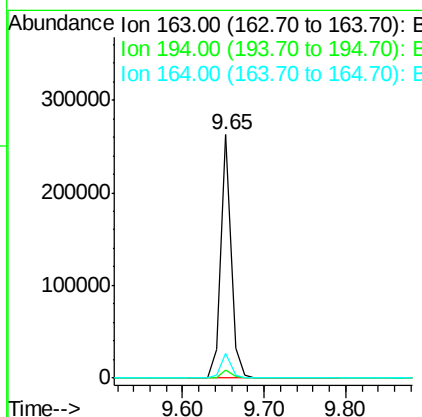
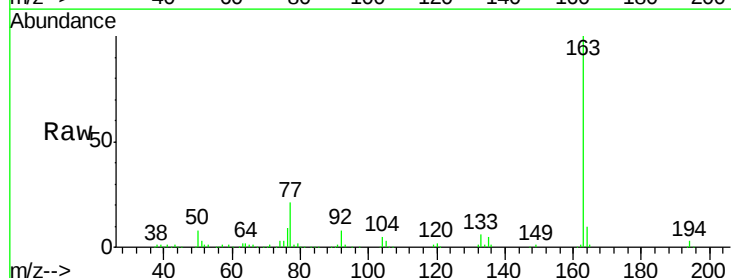
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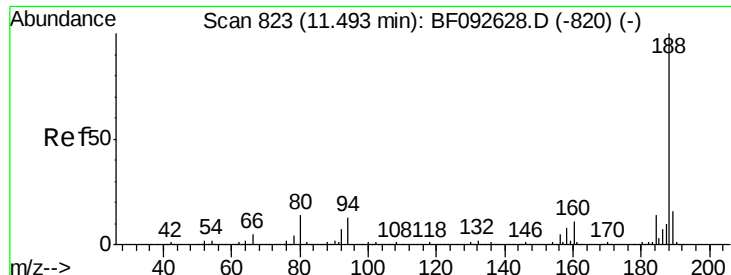
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#49
 Dimethylphthalate
 Concen: 7.81 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF092902.D
 Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.0	8.0	12.0





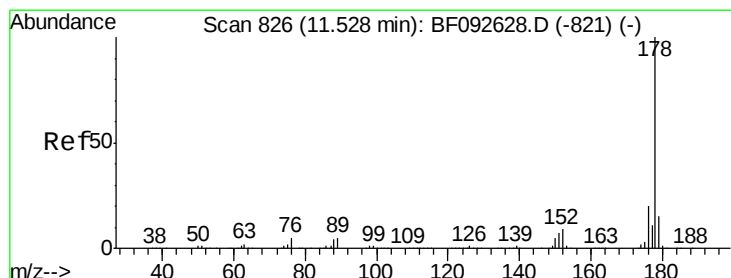
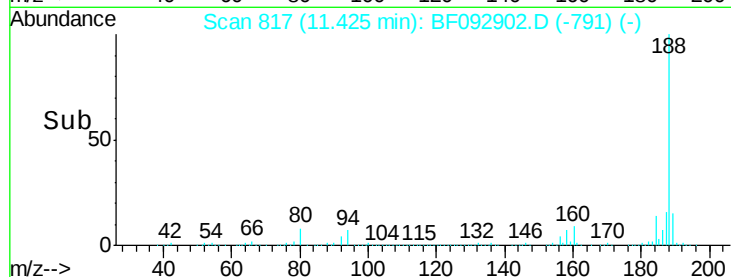
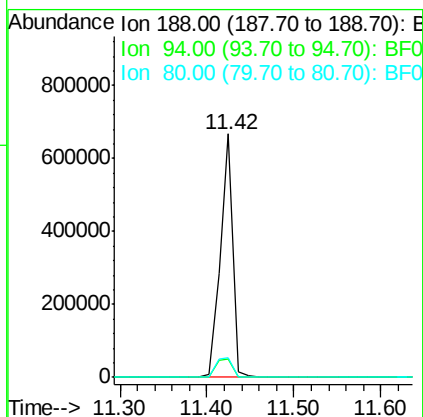
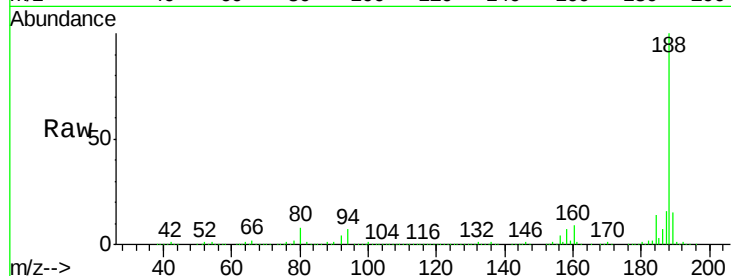
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	678007		
94	7.5	10.0	15.0	#
80	8.0	11.2	16.8	#

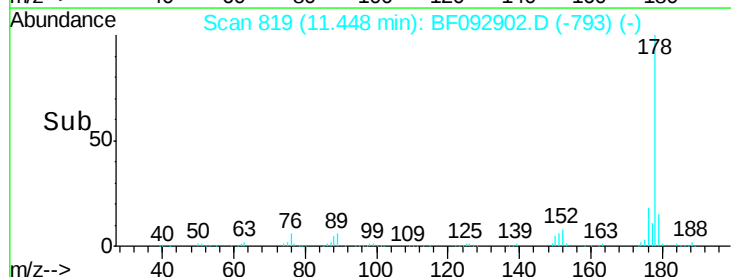
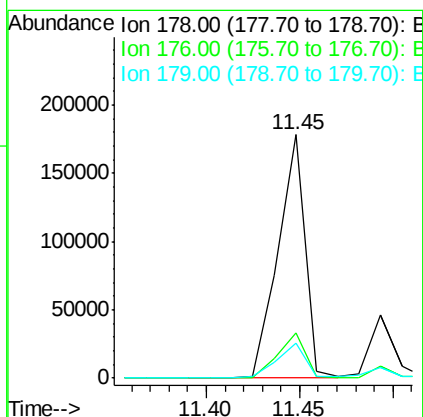
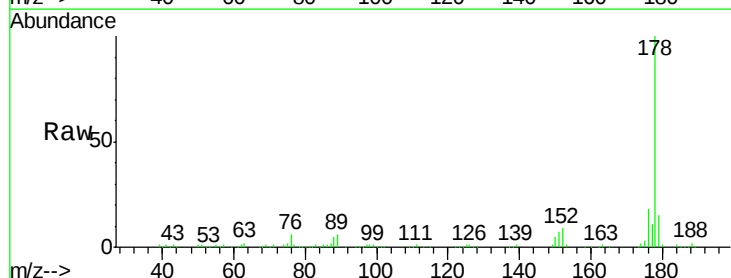
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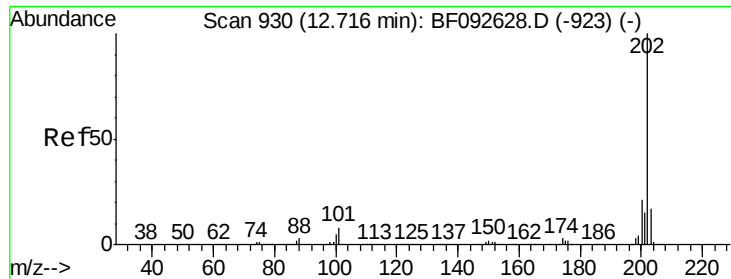
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#70
Phenanthrene
Concen: 4.62 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	179345		
176	18.3	16.6	25.0	
179	14.5	12.8	19.2	





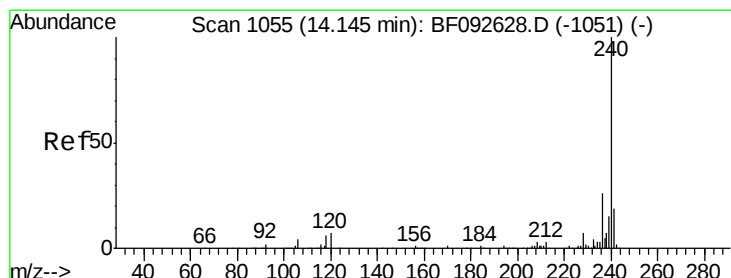
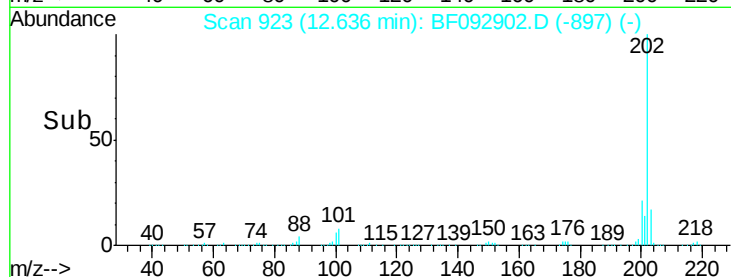
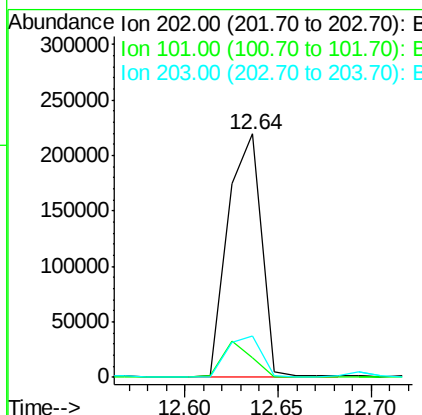
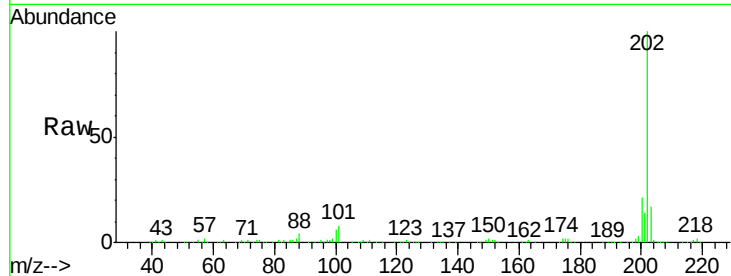
#74
Fluoranthene
Concen: 6.93 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.3	0.0	34.6
203	16.9	0.0	38.7

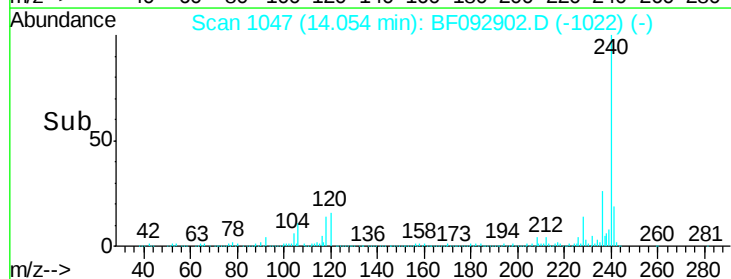
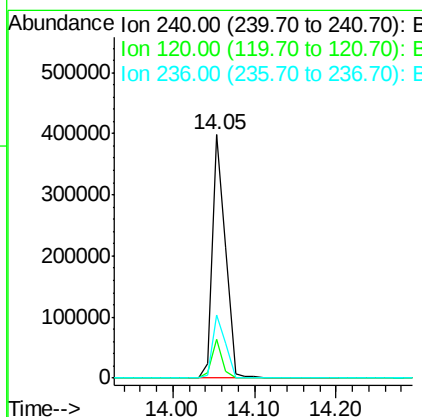
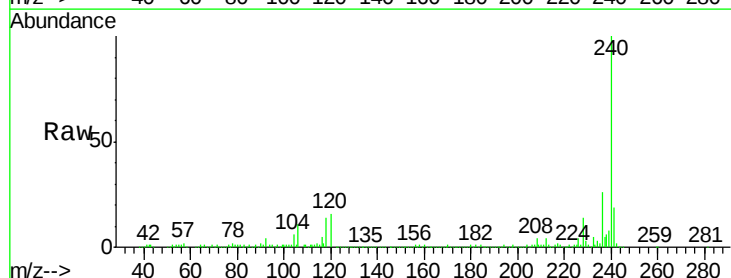
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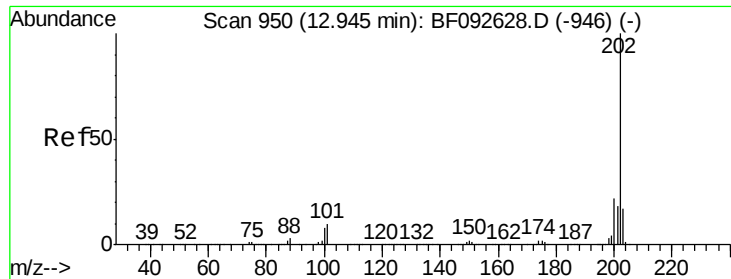
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.8	12.9	19.3
236	26.1	20.9	31.3





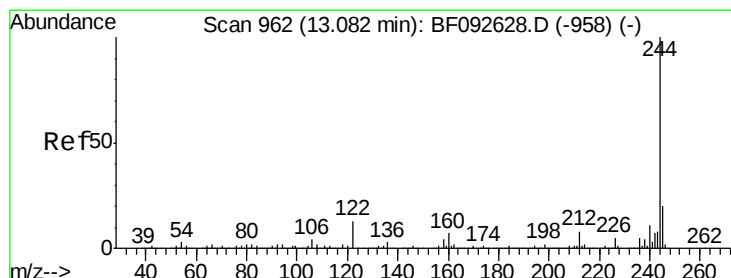
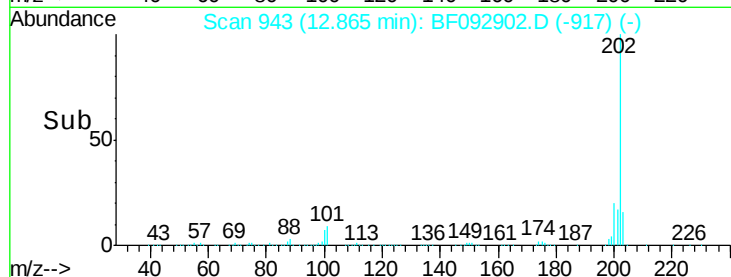
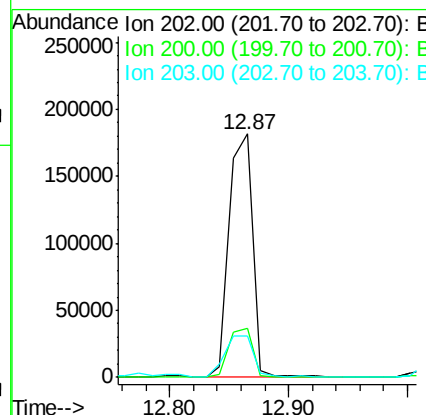
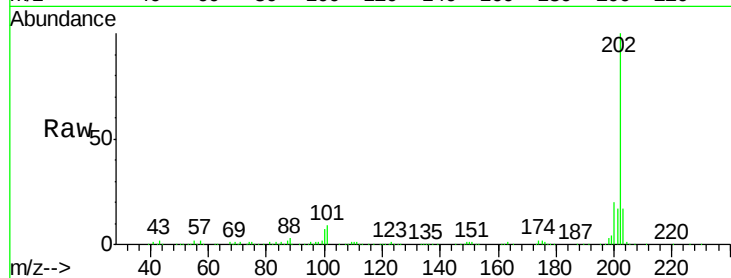
#77
 Pyrene
 Concen: 7.42 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF092902.D
 Acq: 11 Feb 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-102-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	248783		
200	20.0		17.7	26.5
203	16.9		14.7	22.1

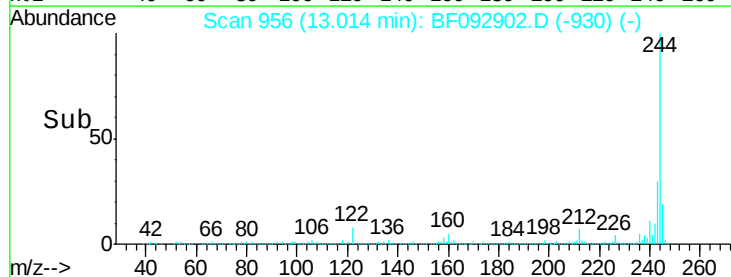
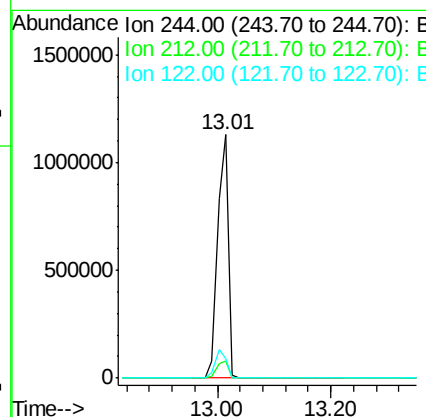
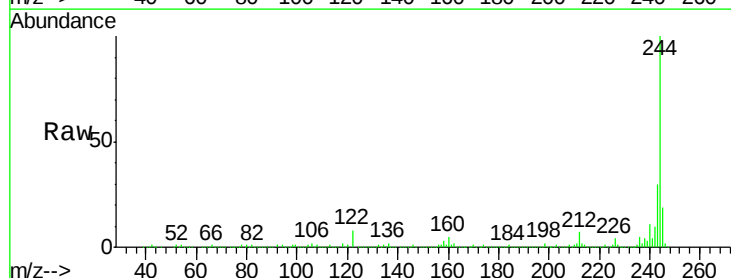
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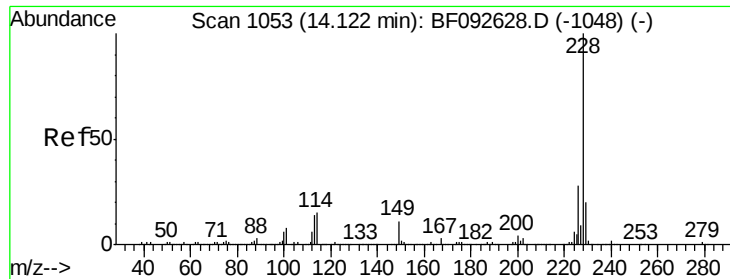
mohammad
 2/13/2017 12:41:18 PM



#78
 Terphenyl-d14
 Concen: 74.66 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092902.D
 Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1423727		
212	7.1		6.2	9.2
122	7.9		11.4	17.2#





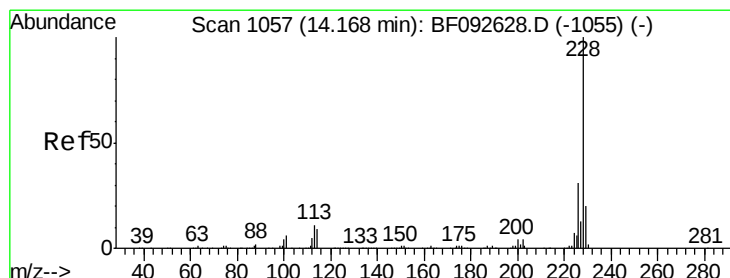
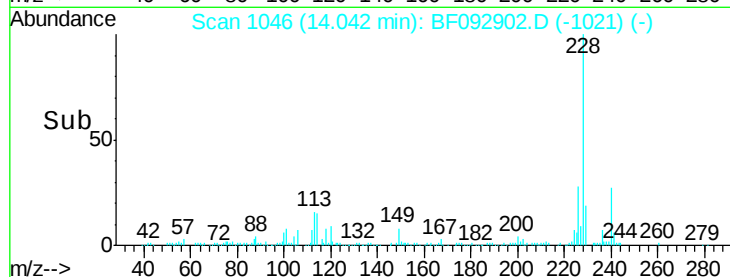
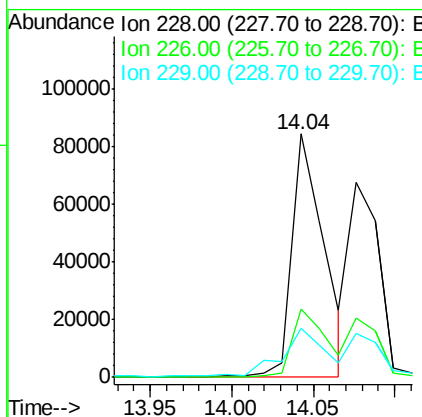
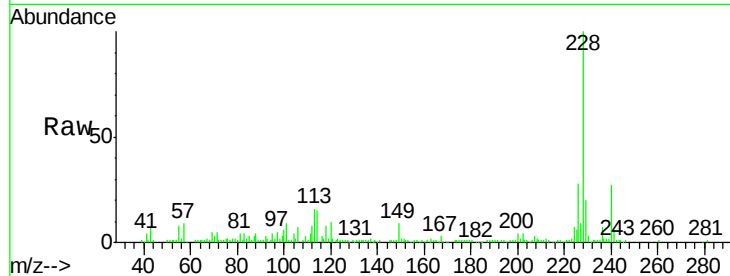
#80
Benzo(a)anthracene
Concen: 4.25 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.4	16.2	24.4

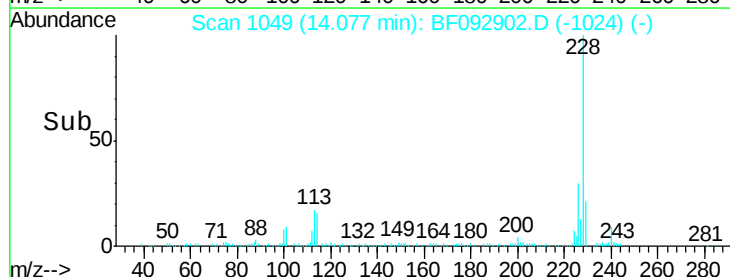
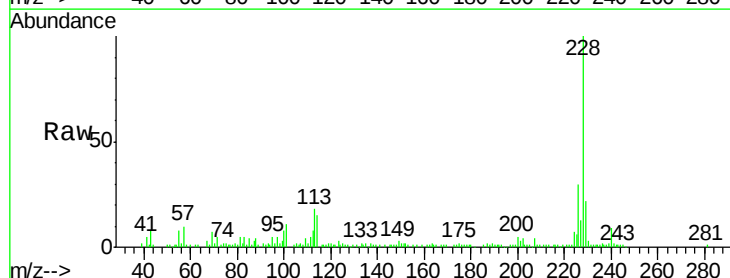
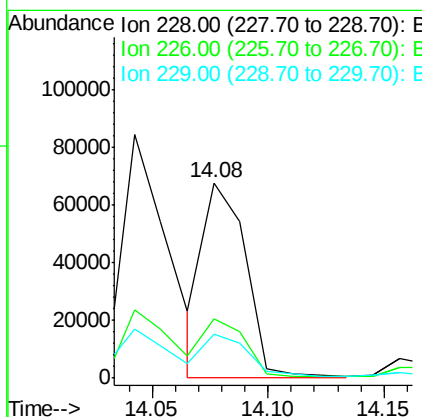
Manual Integrations
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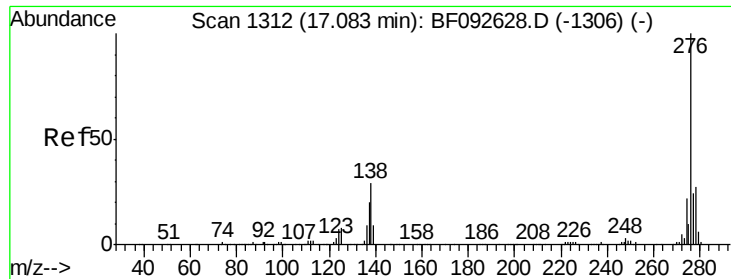
mohammad
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#82
Chrysene
Concen: 3.42 ng m
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	22.5	16.2	24.2





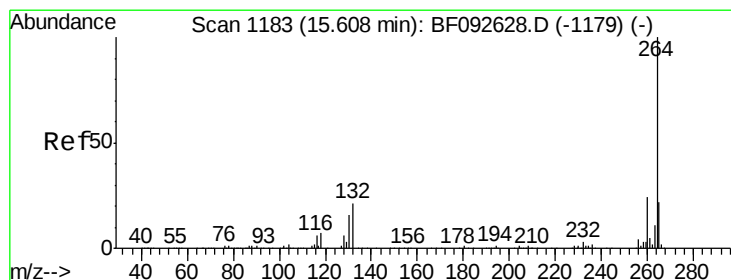
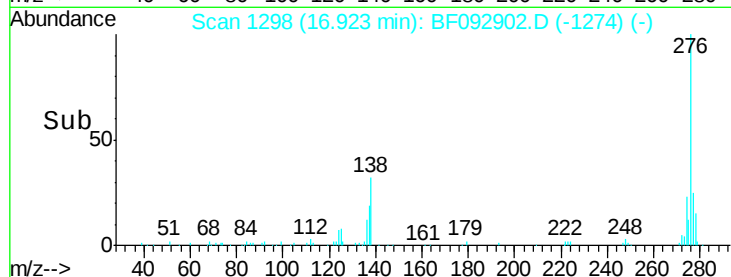
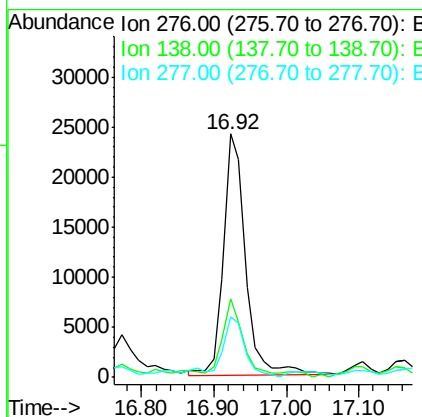
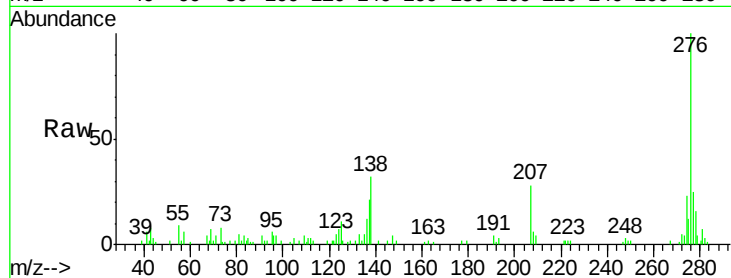
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.55 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	27.6	20.2	30.4

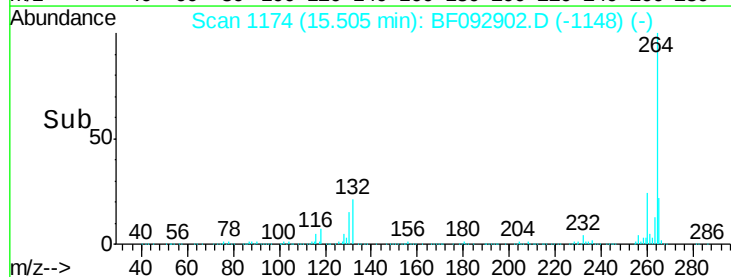
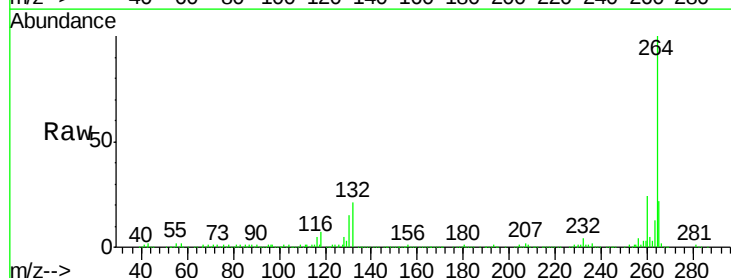
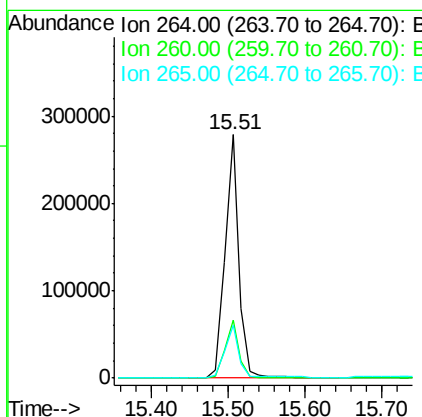
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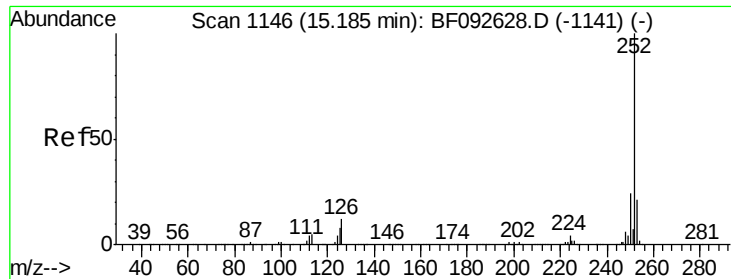
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0





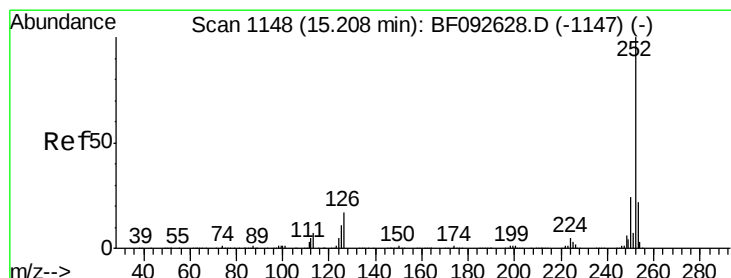
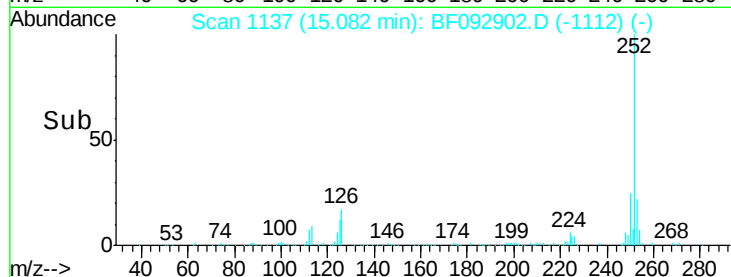
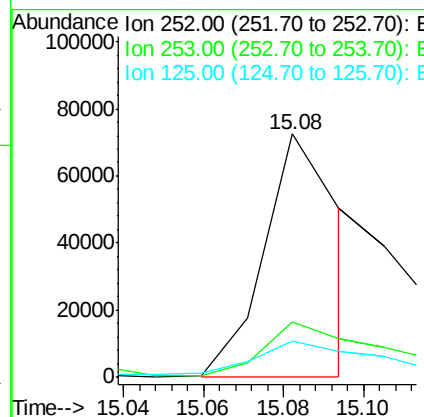
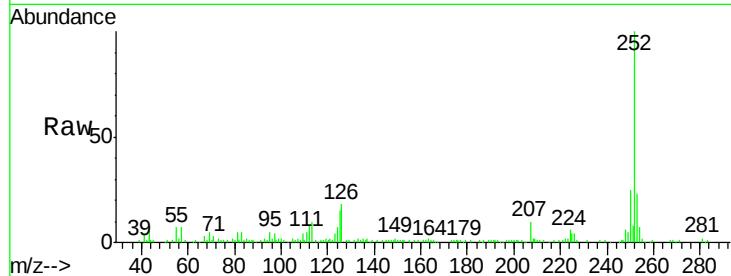
#87
Benzo(b)fluoranthene
Concen: 4.10 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	14.7	9.8	14.6#

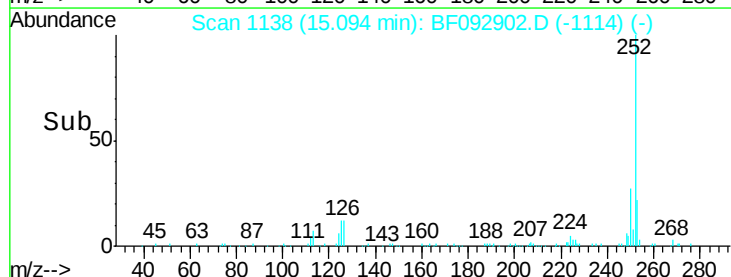
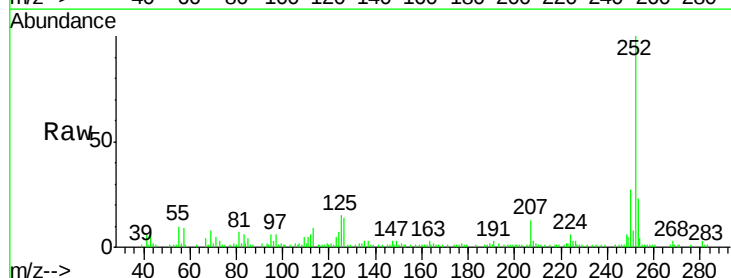
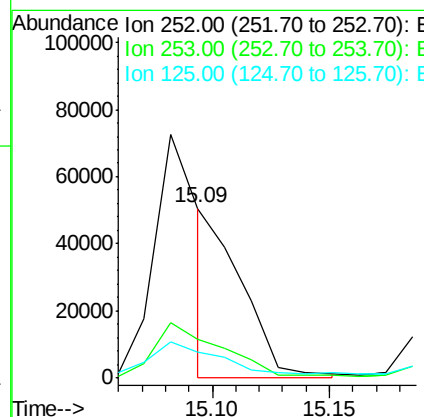
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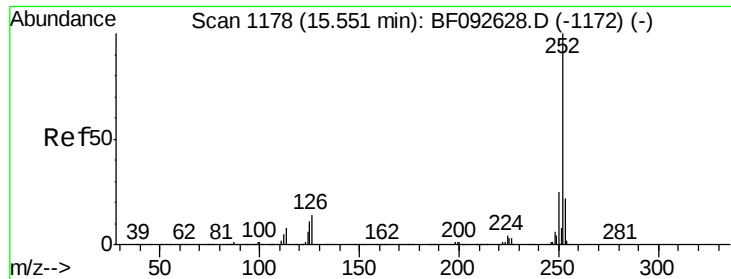
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.28 ng m
RT: 15.09 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	15.0	8.9	13.3#





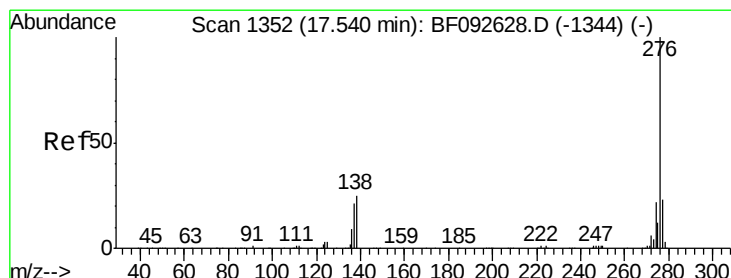
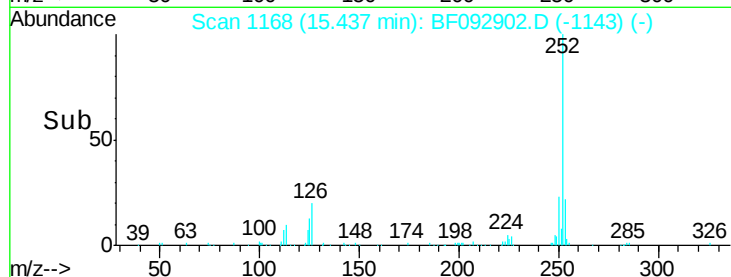
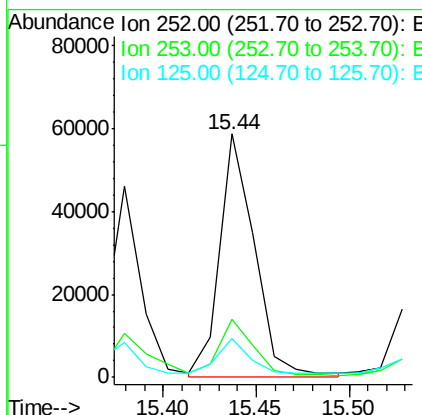
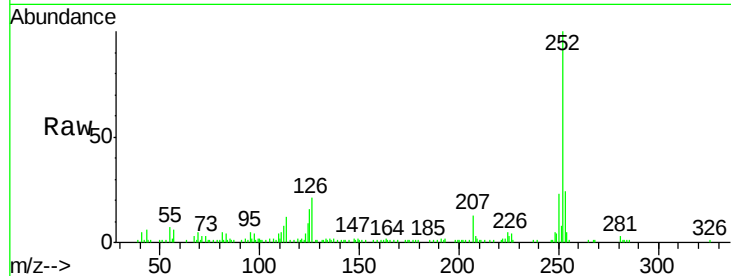
#89
Benzo(a)pyrene
Concen: 3.76 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Instrument :
BNA_F
ClientSampleId :
38-SB-102-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	15.9	10.0	15.0#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.15 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF092902.D
Acq: 11 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	29.3	16.0	24.0#

