

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094729.D
 Acq On : 30 Apr 2017 21:52
 Operator : SJ/MA
 Sample : I2902-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Manual Integrations
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Quant Time: May 01 04:10:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	111015	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	452556	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	213598	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	356062	20.00	ng	0.00
75) Chrysene-d12	14.47	240	234241	20.00	ng	0.00
86) Perylene-d12	16.09	264	208440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	396860	59.31	ng	0.02
7) Phenol-d6	5.40	99	307621	39.00	ng	0.00
23) Nitrobenzene-d5	6.41	82	592733	80.87	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	204082	122.15	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1164245	80.20	ng	0.00
78) Terphenyl-d14	13.19	244	899796	102.68	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.28	128	191671	8.81	ng	99
35) Caprolactam	7.91	113	1108867	563.35	ng	88
37) 2-Methylnaphthalene	8.12	142	231617	15.56	ng	96
48) Acenaphthylene	9.22	152	258368	11.94	ng	# 95
49) Dimethylphthalate	9.09	163	49969	3.14	ng	96
51) Acenaphthene	9.43	154	153219	11.83	ng	100
57) Fluorene	10.07	166	109920	7.50	ng	# 95
70) Phenanthrene	11.25	178	648153	32.33	ng	98
71) Anthracene	11.31	178	147252m	7.10	ng	
74) Fluoranthene	12.71	202	98223	4.73	ng	98
77) Pyrene	12.98	202	161240	9.85	ng	98
80) Benzo(a)anthracene	14.45	228	36571m	2.69	ng	
82) Chrysene	14.49	228	34689	2.79	ng	# 96
83) Bis(2-ethylhexyl)phthalate	14.52	149	74699	7.76	ng	# 99

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

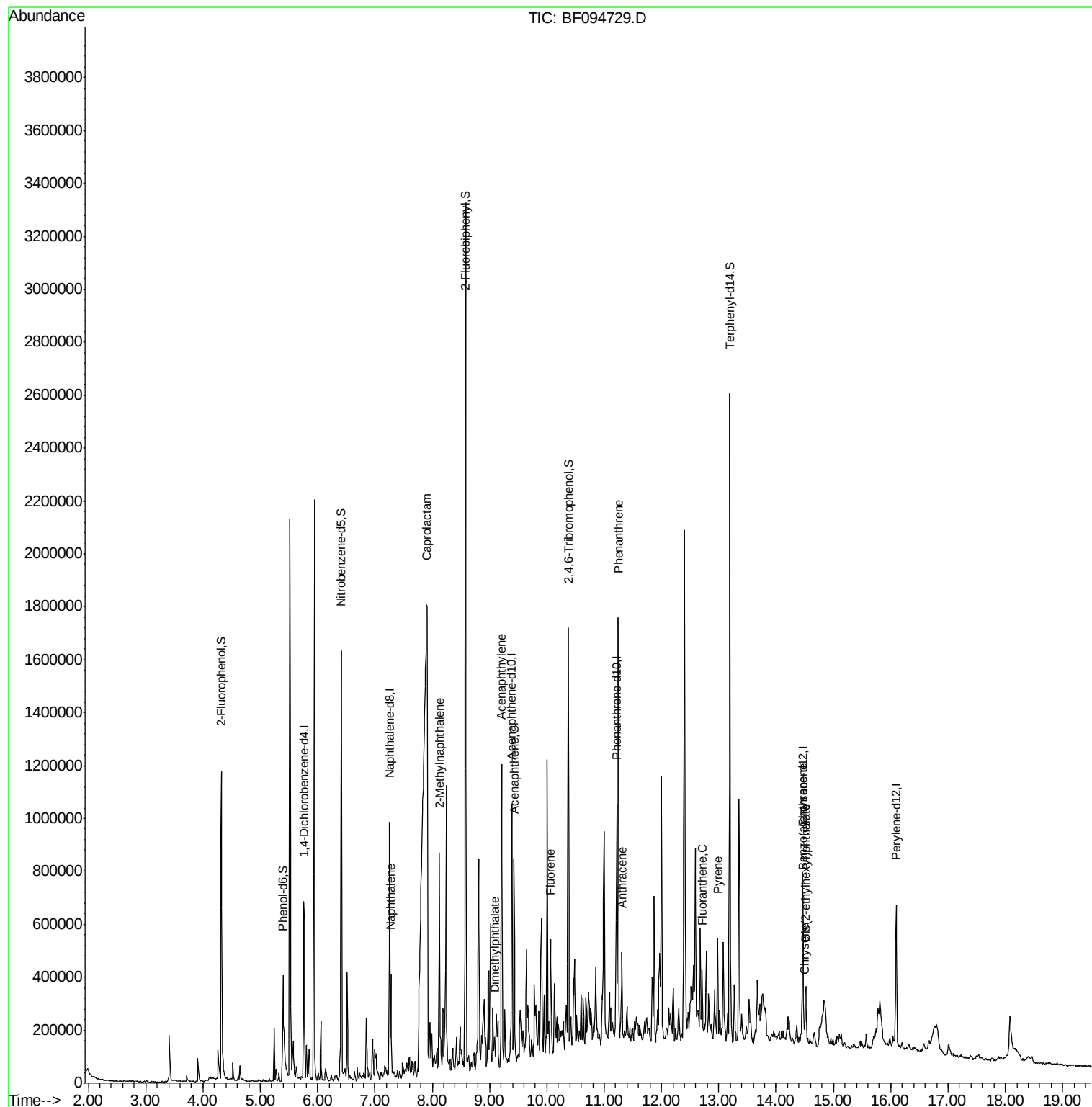
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
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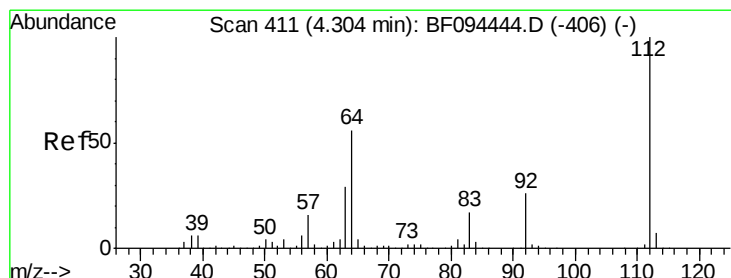
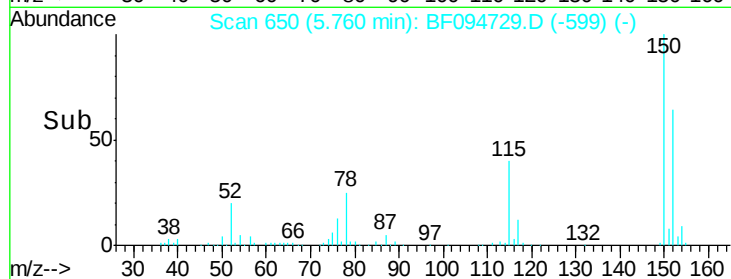
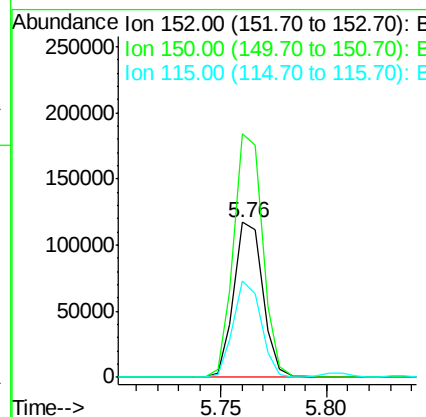
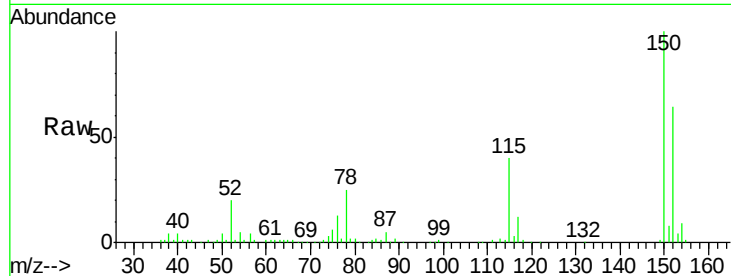
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094729.D
 Acq: 30 Apr 2017 21:52

Instrument :
 BNA_F
 ClientSampled :
 MW-11B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	62.2	52.2	78.2

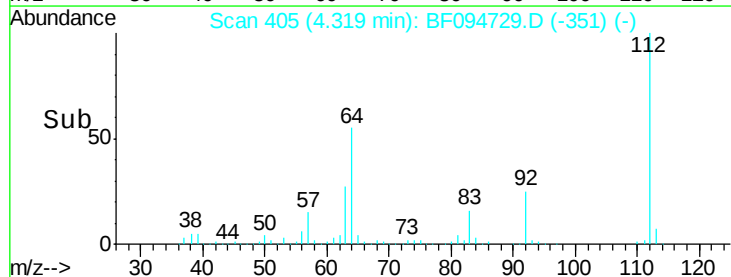
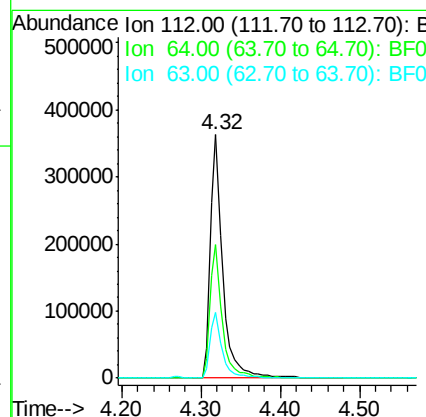
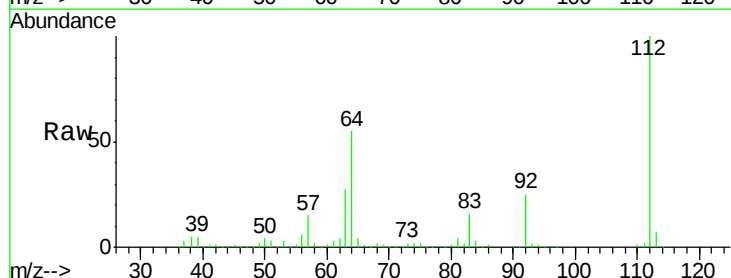
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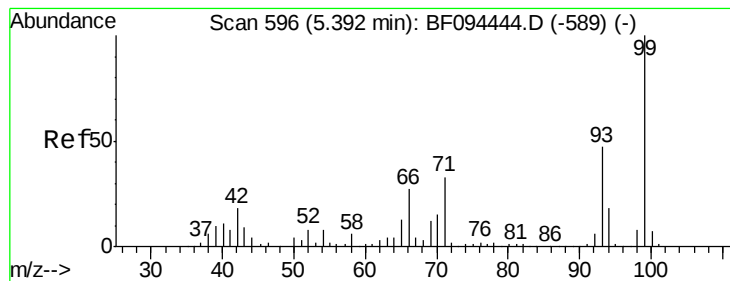
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#5
 2-Fluorophenol
 Concen: 59.31 ng
 RT: 4.32 min Scan# 405
 Delta R.T. 0.02 min
 Lab File: BF094729.D
 Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 39.00 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Instrument :

BNA_F

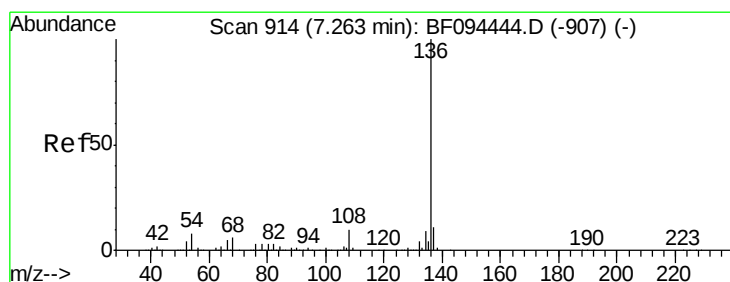
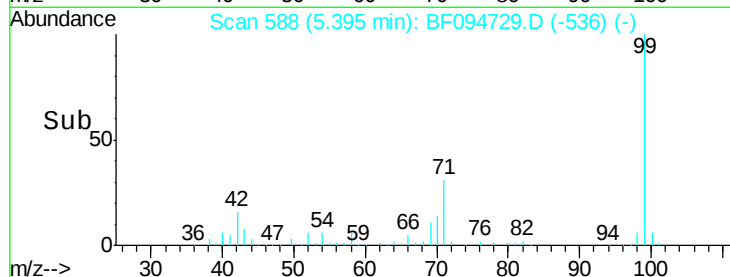
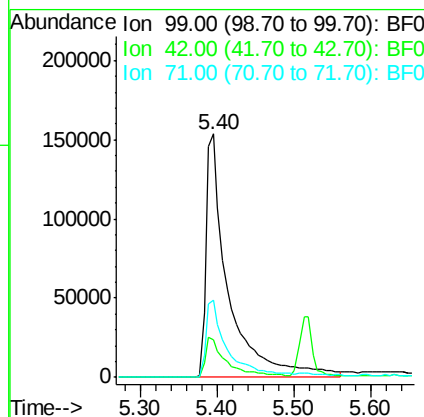
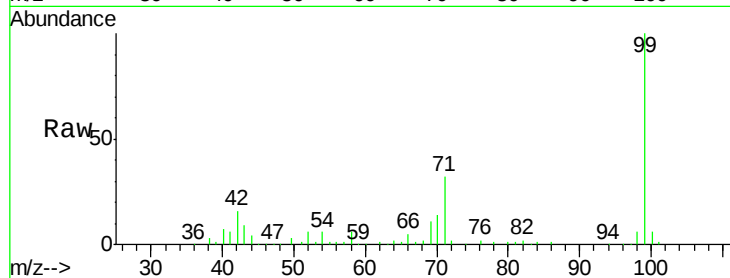
ClientSampleId :

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Tot Ion:	99	Resp:	307621
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	31.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

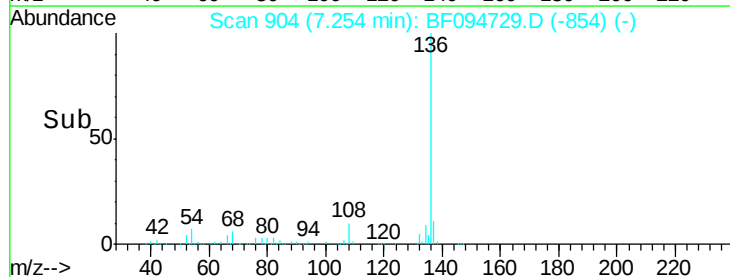
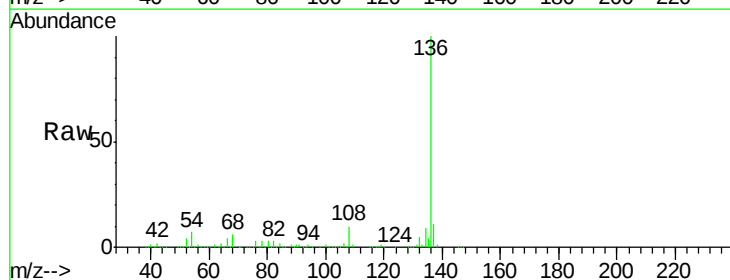
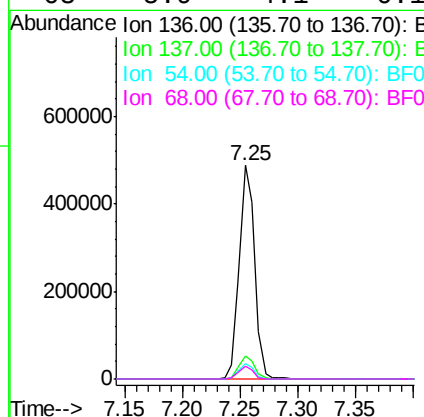
RT: 7.25 min Scan# 904

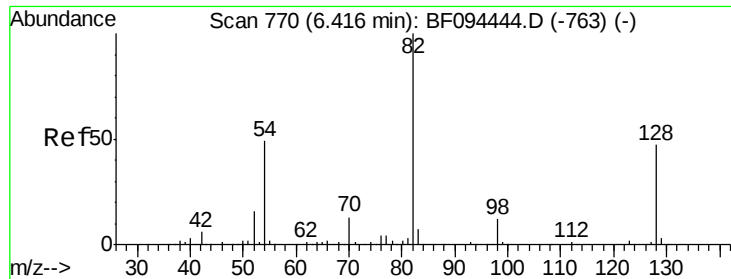
Delta R.T. -0.01 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Tgt Ion:	136	Resp:	452556
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.9	4.1	6.1





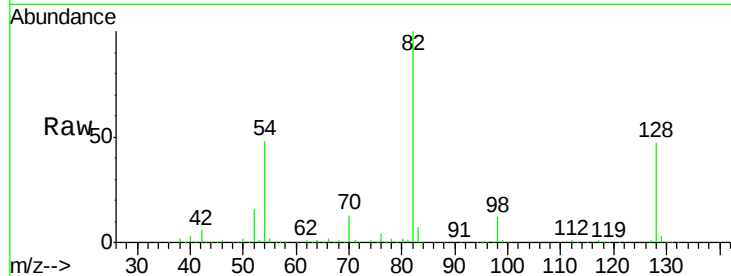
#23
Nitrobenzene-d5
Concen: 80.87 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

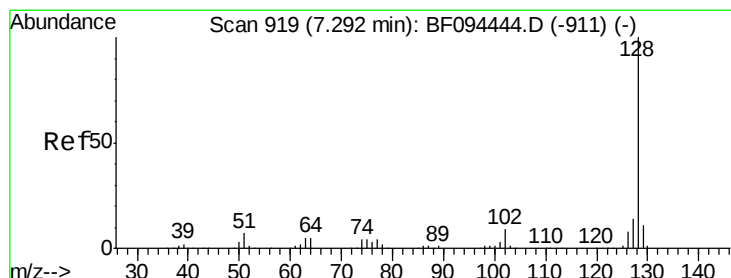
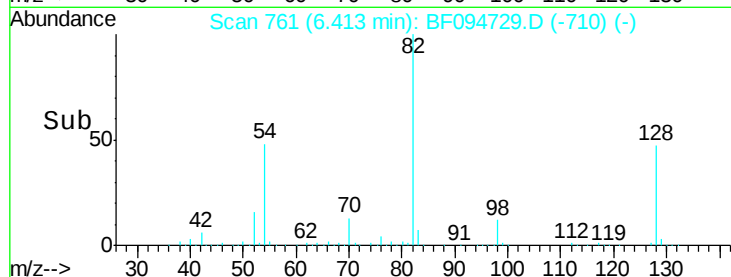
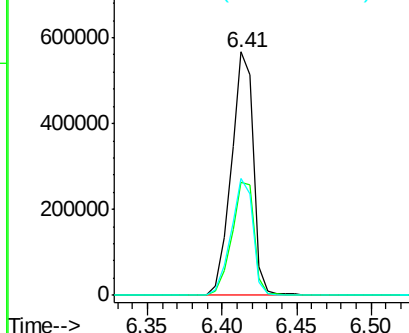
Tot Ion	Ratio	Resp	Lower	Upper
82	100	592733		
128	46.5		34.0	51.0
54	48.1		42.2	63.2

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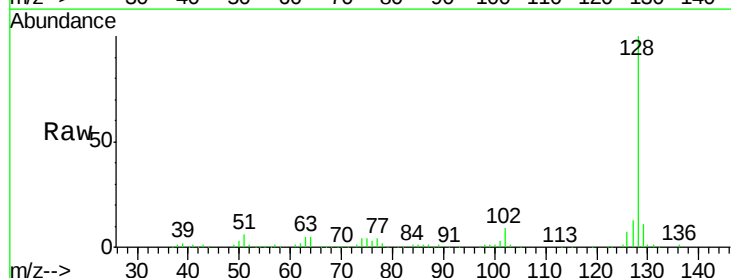


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

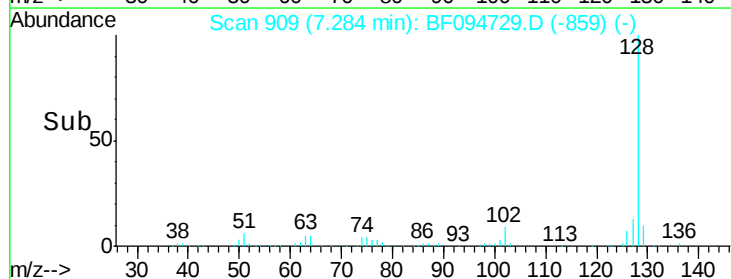
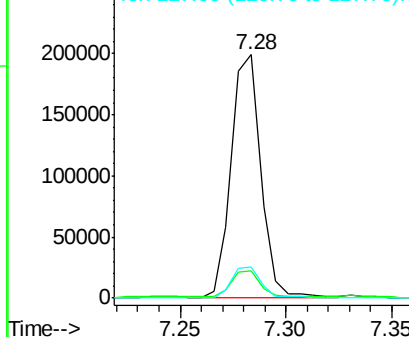


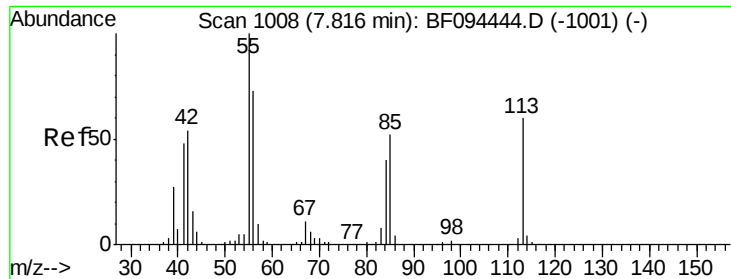
#31
Naphthalene
Concen: 8.81 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	191671		
129	11.1		9.0	13.6
127	12.8		10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





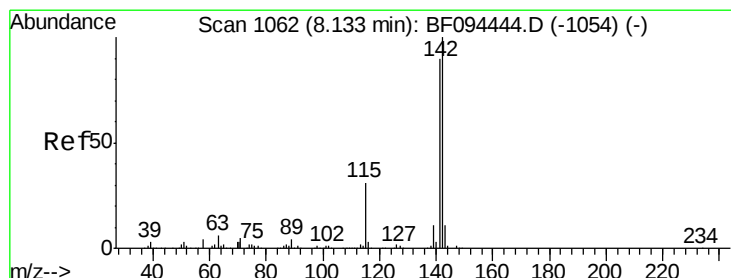
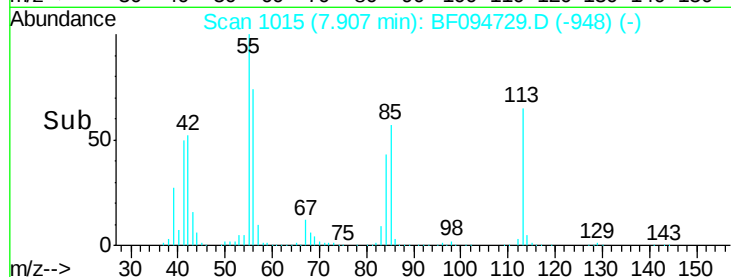
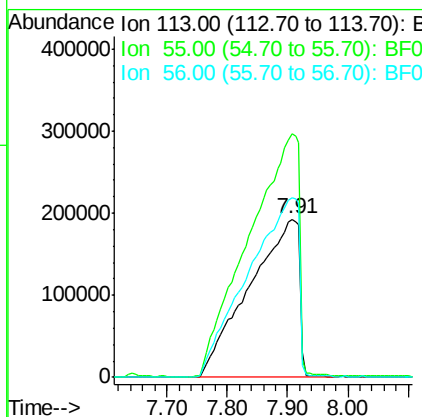
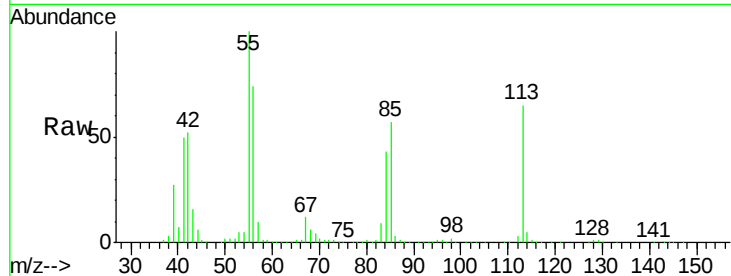
#35
 Caprolactam
 Concen: 563.35 ng
 RT: 7.91 min Scan# 1015
 Delta R.T. 0.09 min
 Lab File: BF094729.D
 Acq: 30 Apr 2017 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Tot Ion:113 Resp: 1108867
 Ion Ratio Lower Upper
 113 100
 55 153.8 150.2 190.2
 56 113.7 107.8 147.8

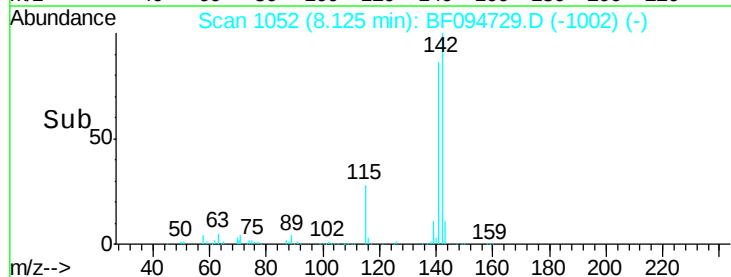
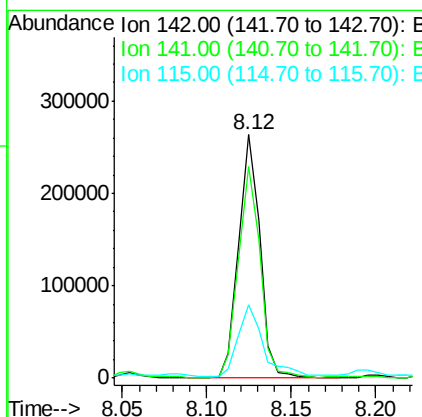
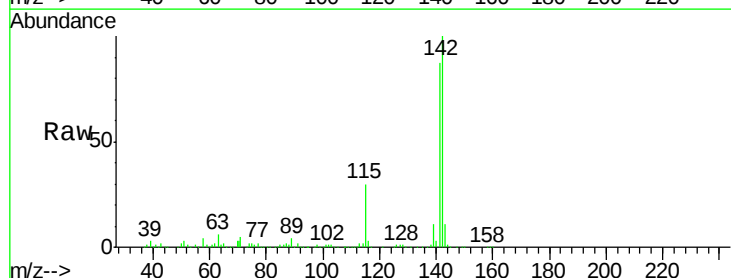
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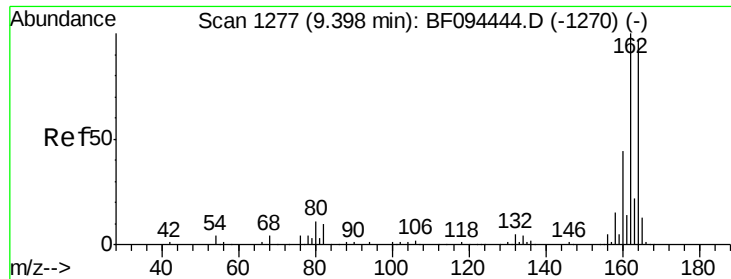
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#37
 2-Methylnaphthalene
 Concen: 15.56 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094729.D
 Acq: 30 Apr 2017 21:52

Tgt Ion:142 Resp: 231617
 Ion Ratio Lower Upper
 142 100
 141 86.8 71.3 106.9
 115 29.9 27.1 40.7





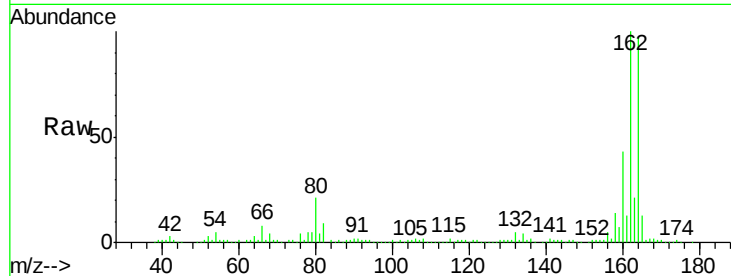
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

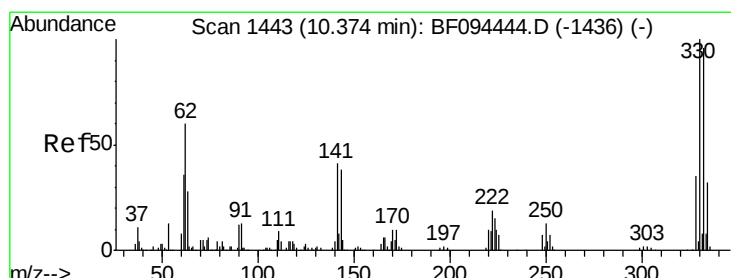
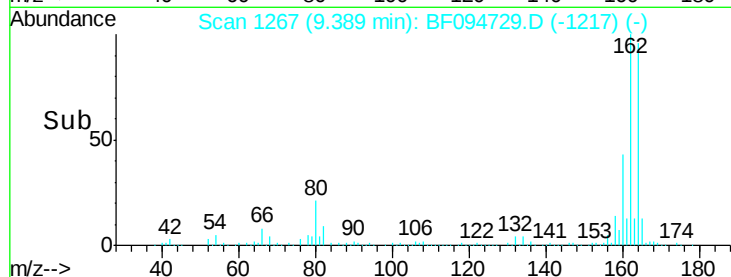
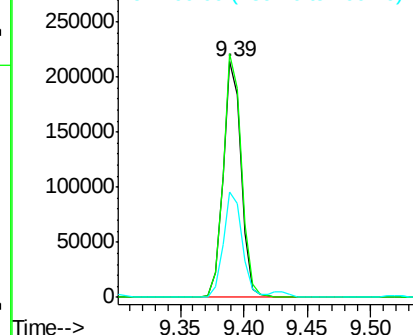
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	82.6	123.8	
160	44.6	36.2	54.2	

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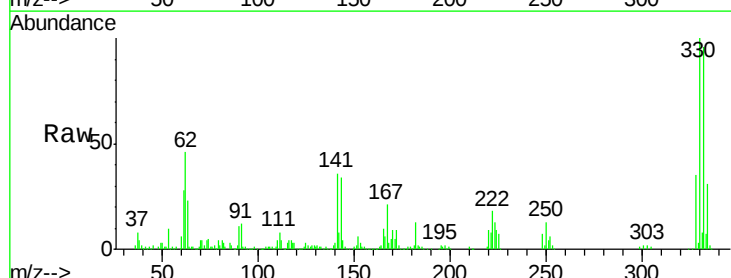


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

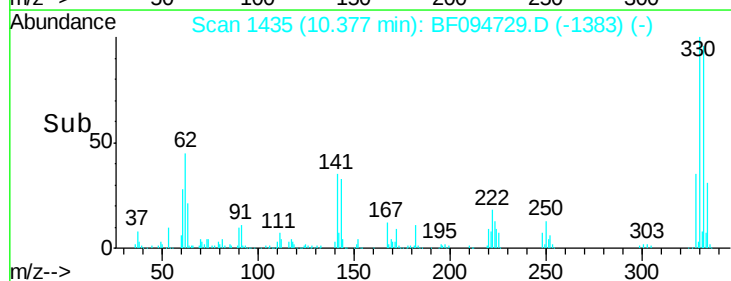
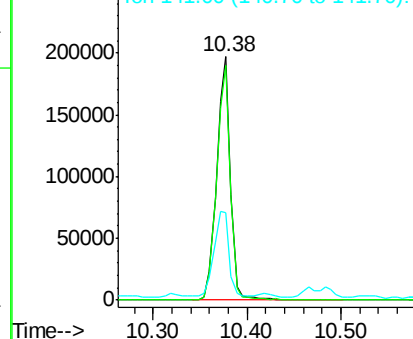


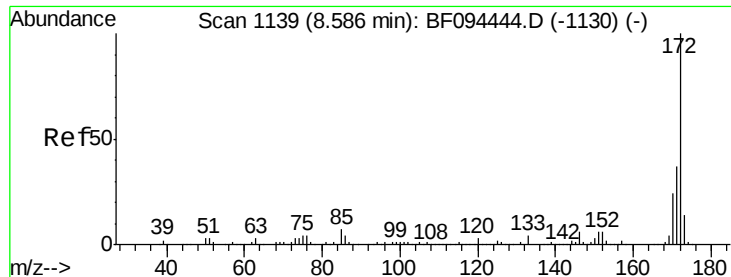
#41
2,4,6-Tribromophenol
Concen: 122.15 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	37.4	31.4	47.2	



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





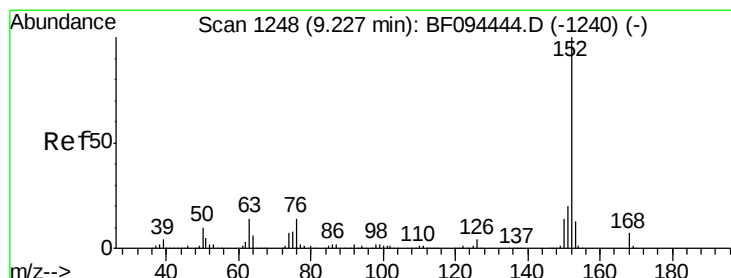
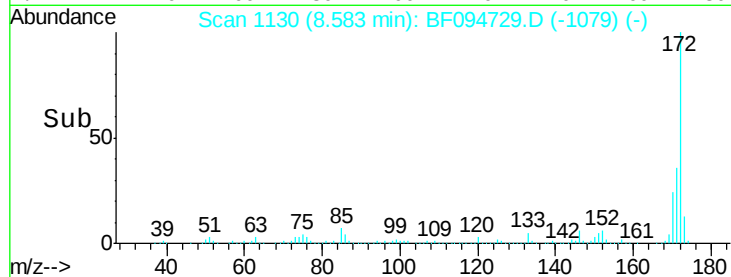
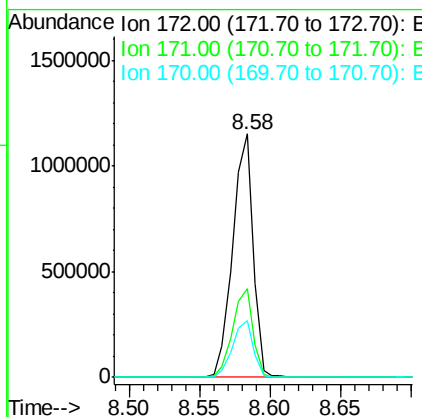
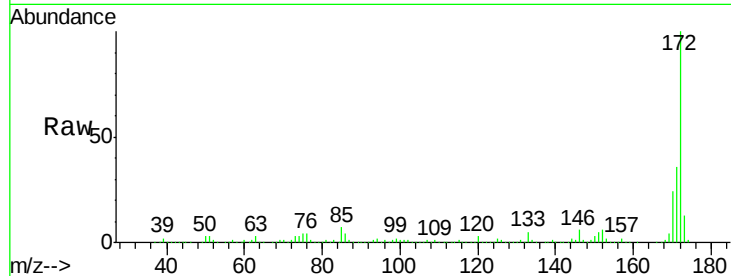
#44
2-Fluorobiphenyl
Concen: 80.20 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8

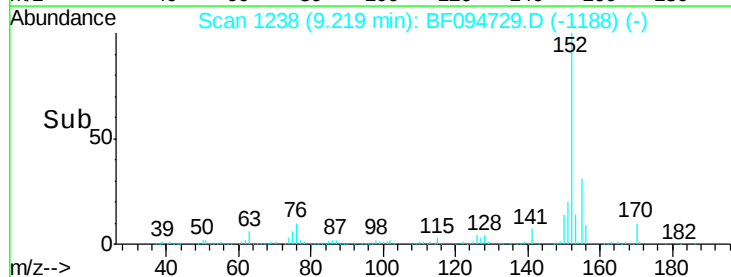
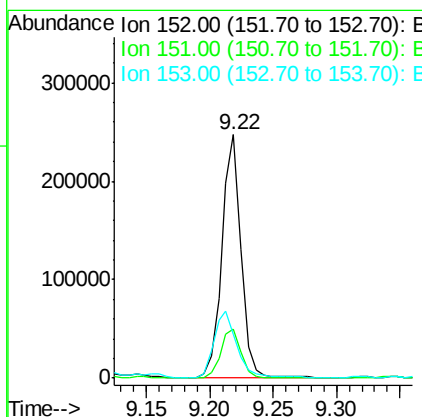
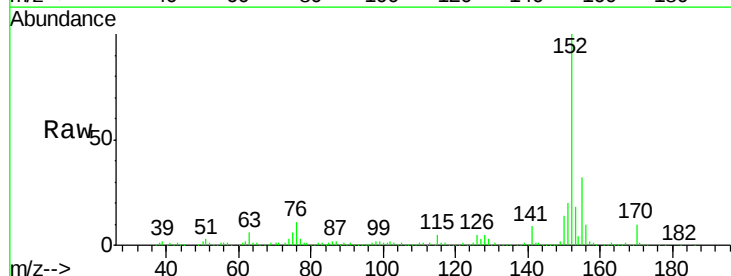
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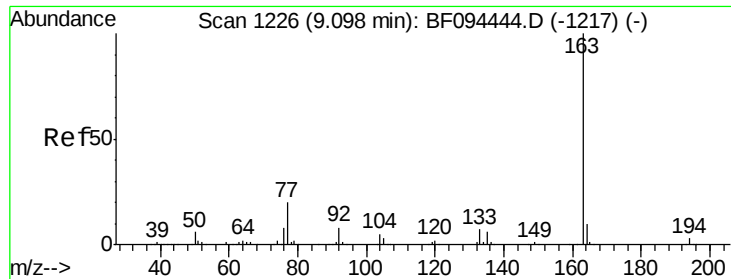
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#48
Acenaphthylene
Concen: 11.94 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	18.2	10.8	16.2#





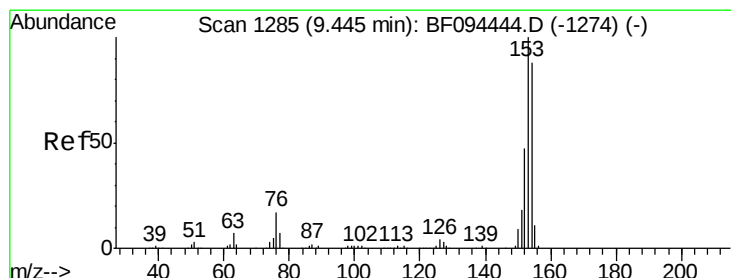
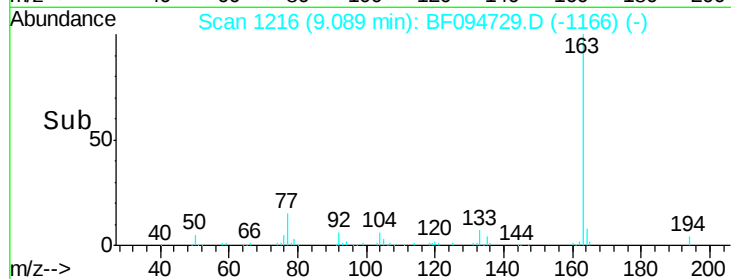
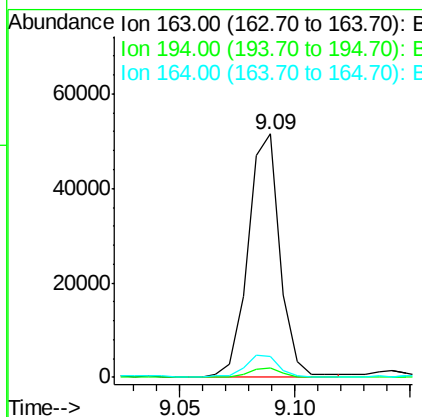
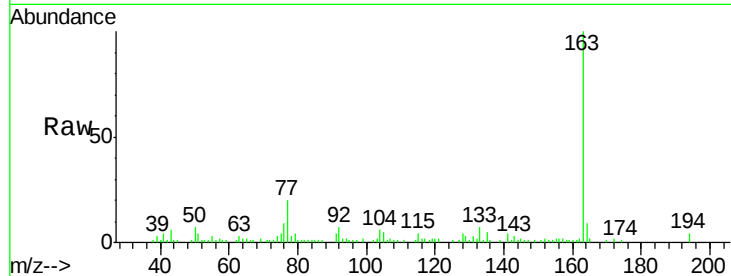
#49
Dimethylphthalate
Concen: 3.14 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	49969		
194	3.7		2.6	4.0
164	8.7		8.4	12.6

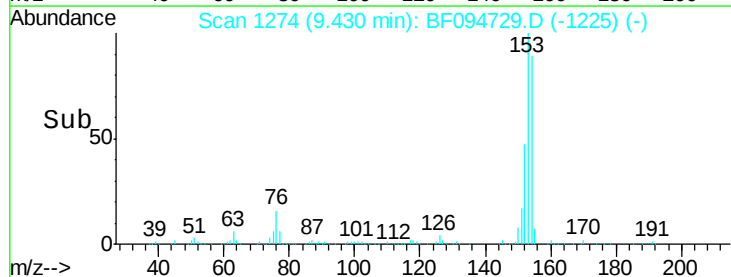
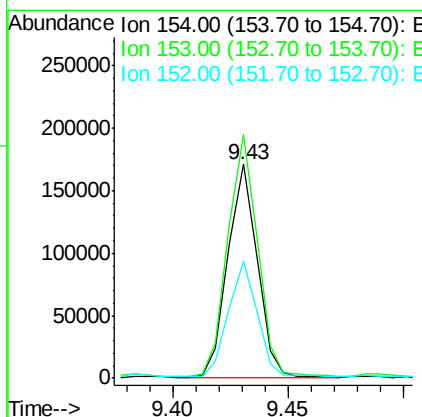
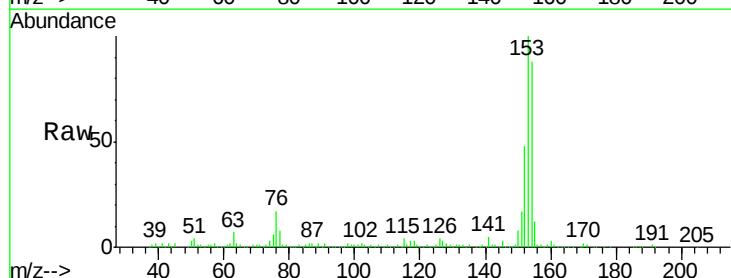
Manual Integrations
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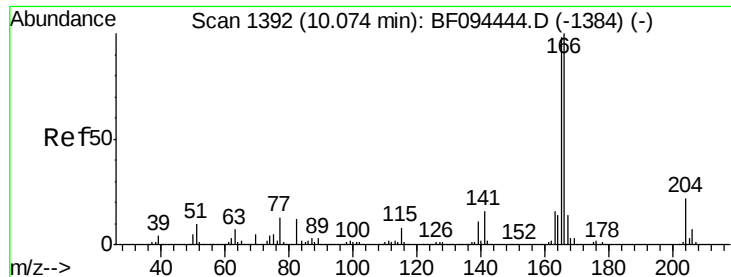
mohammad
5/1/2017 7:50:59 PM



#51
Acenaphthene
Concen: 11.83 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	153219		
153	113.8		90.5	135.7
152	54.6		43.6	65.4





#57

Fluorene

Concen: 7.50 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Instrument :

BNA_F

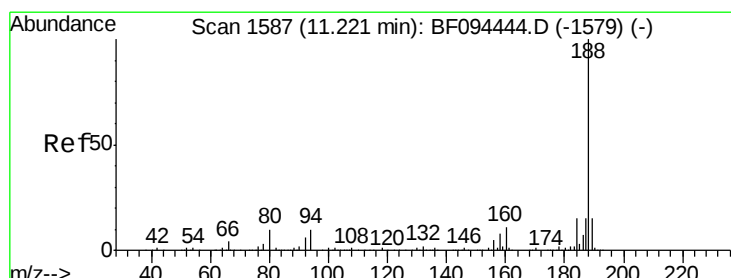
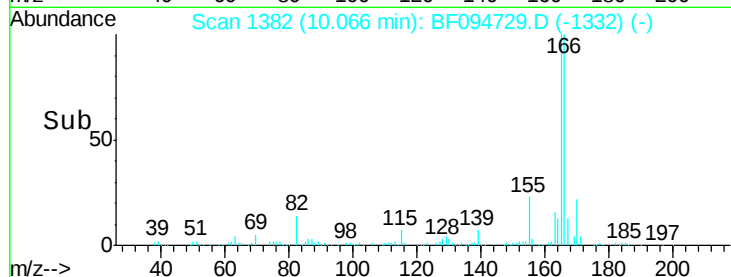
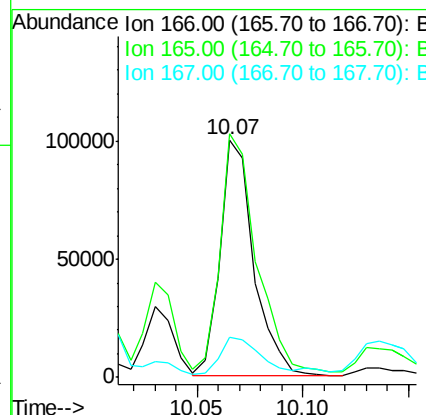
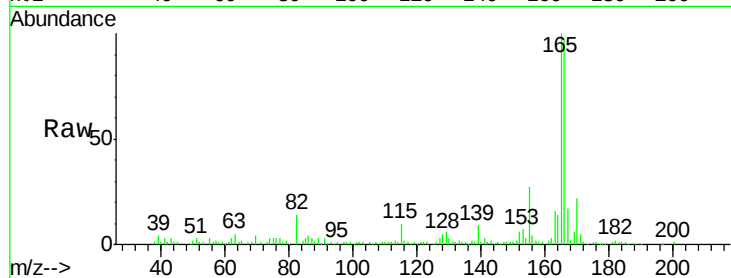
ClientSampled :

MW-11B

Tot Ion	Ratio	Resp	Lower	Upper
166	100	109920		
165	102.6	78.8	118.2	
167	17.0	10.6	16.0#	

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#63

Phenanthrene-d10

Concen: 20.00 ng

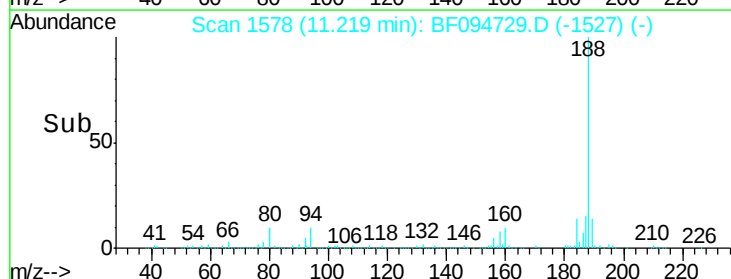
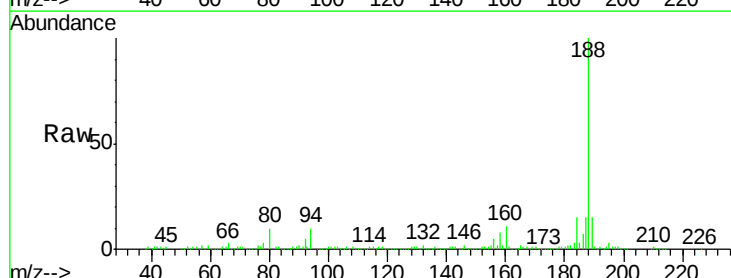
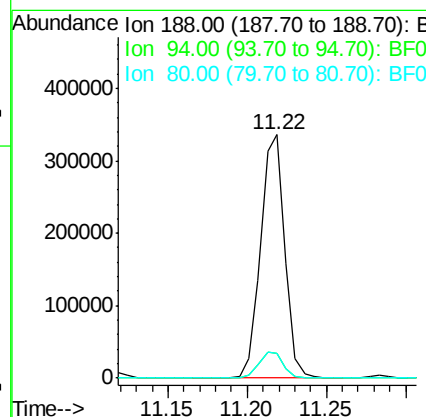
RT: 11.22 min Scan# 1578

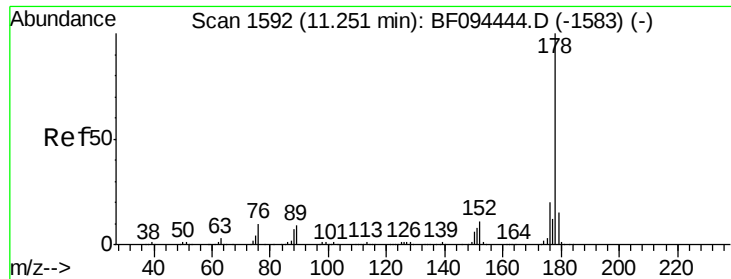
Delta R.T. -0.00 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	356062		
94	10.1	9.4	14.2	
80	10.1	10.2	15.2#	





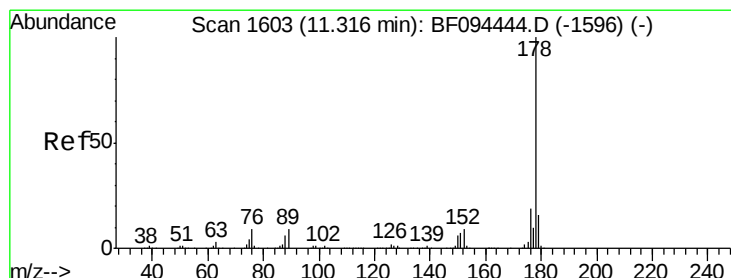
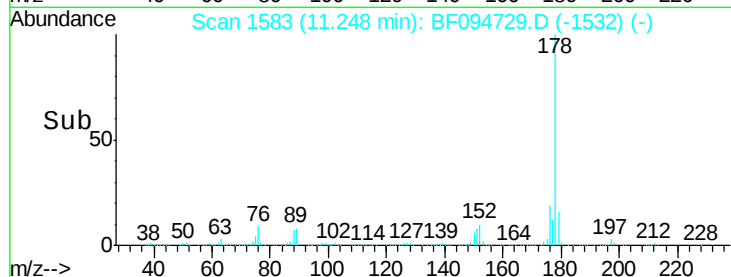
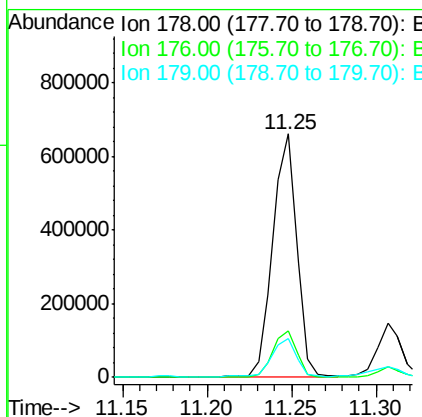
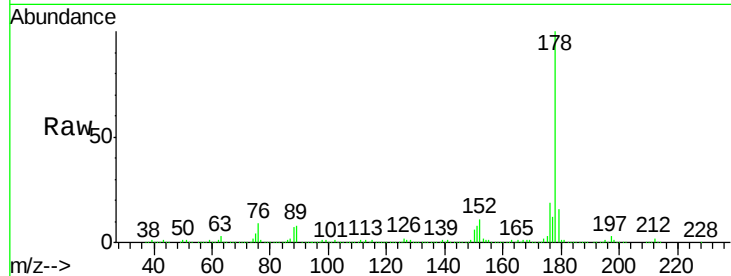
#70
Phenanthrene
Concen: 32.33 ng
RT: 11.25 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.0	12.6	19.0

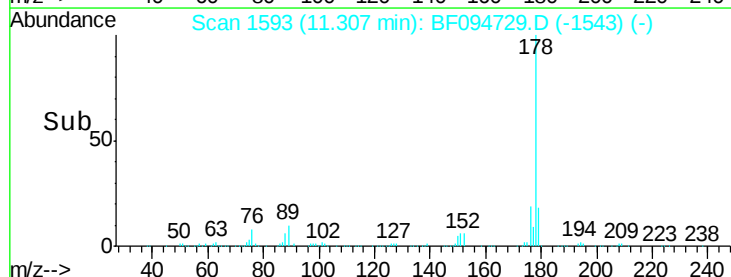
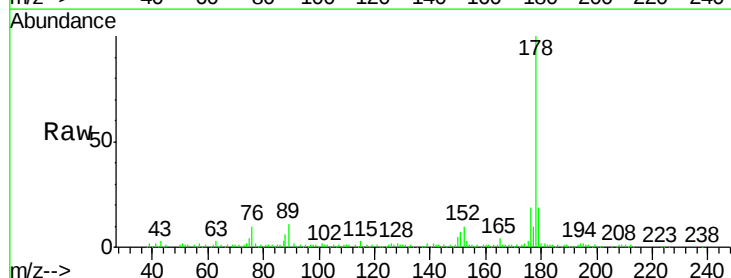
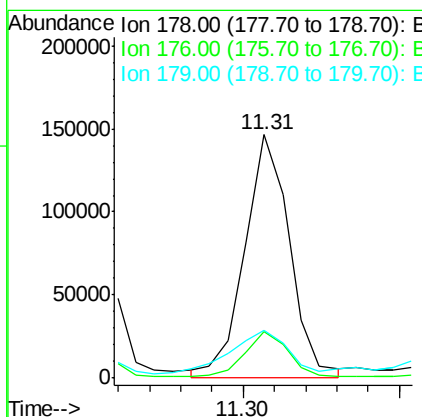
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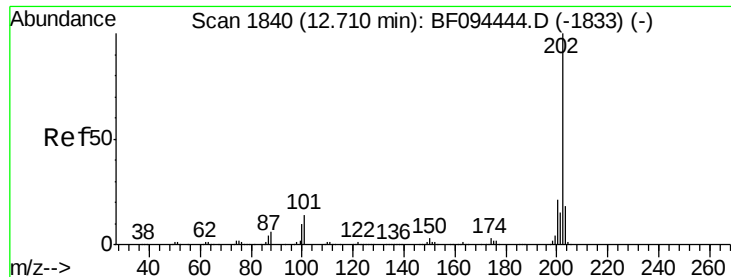
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#71
Anthracene
Concen: 7.10 ng m
RT: 11.31 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	19.5	12.7	19.1#





#74

Fluoranthene

Concen: 4.73 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Instrument :

BNA_F

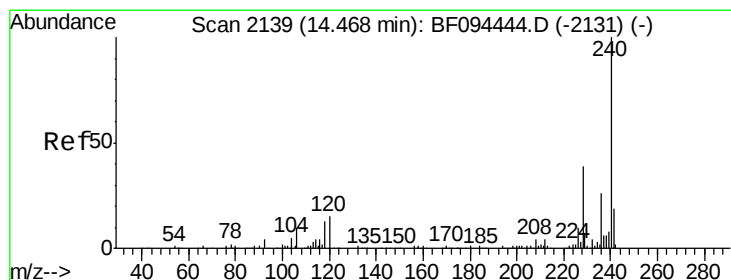
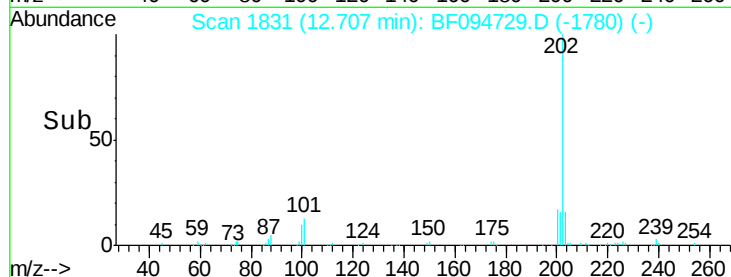
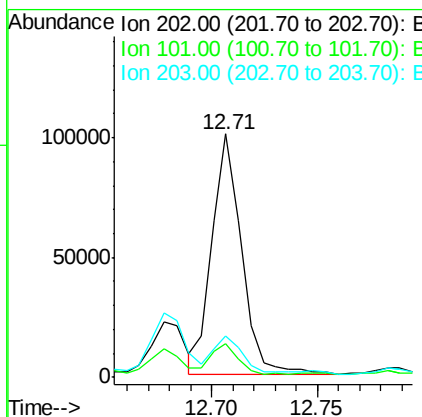
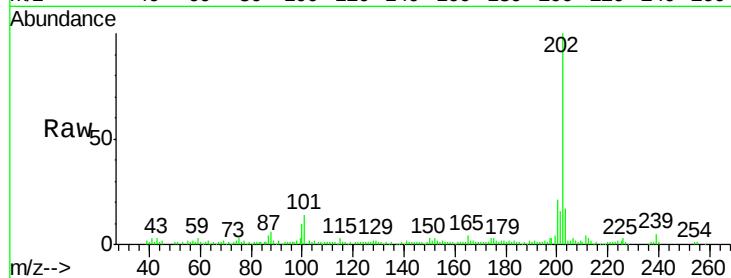
ClientSampled :

MW-11B

Tot Ion:	202	Resp:	98223
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

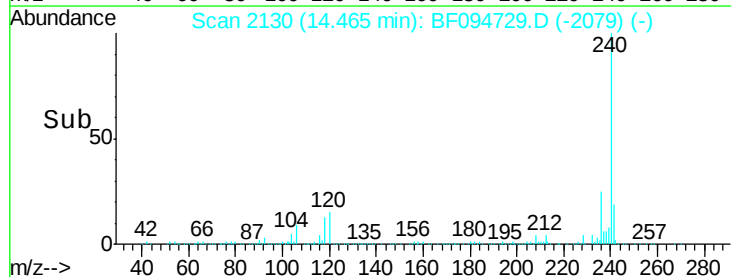
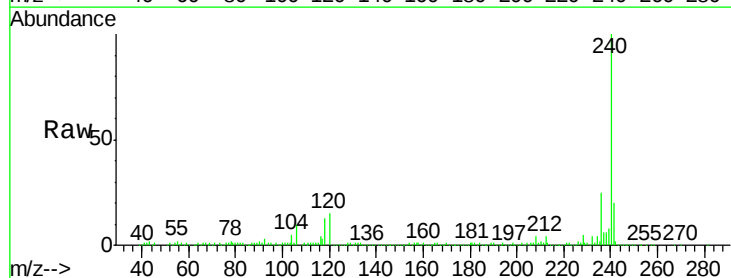
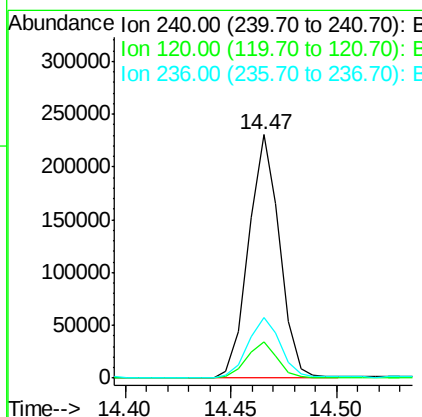
RT: 14.47 min Scan# 2130

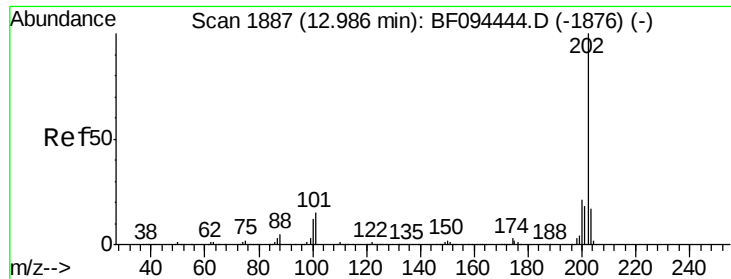
Delta R.T. -0.00 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Tgt Ion:	240	Resp:	234241
Ion Ratio	Lower	Upper	
240	100		
120	14.9	5.8	8.8#
236	24.8	20.5	30.7





#77

Pvrene

Concen: 9.85 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Instrument :

BNA_F

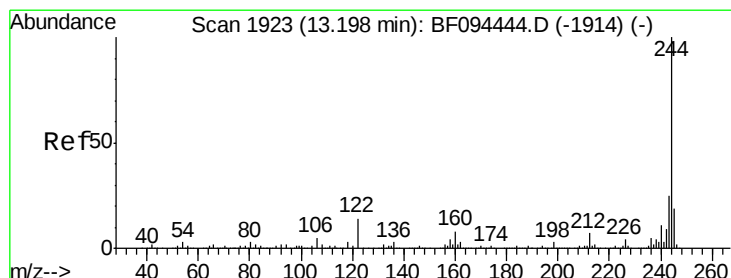
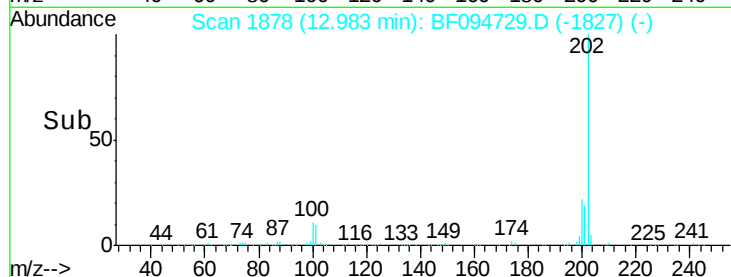
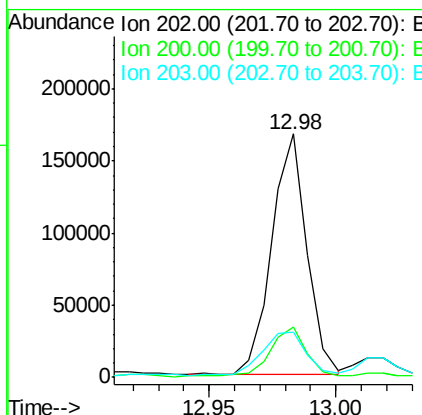
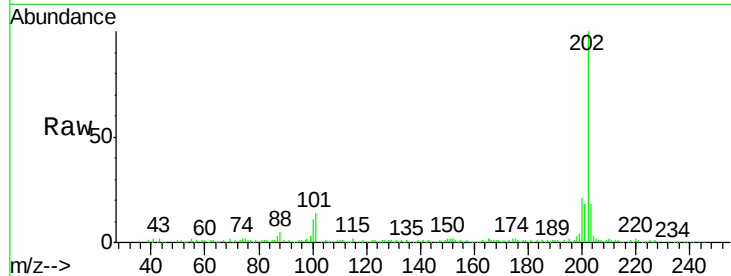
ClientSampleId :

MW-11B

Tot Ion:	202	Resp:	161240
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	18.3	14.4	21.6

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#78

Terphenyl-d14

Concen: 102.68 ng

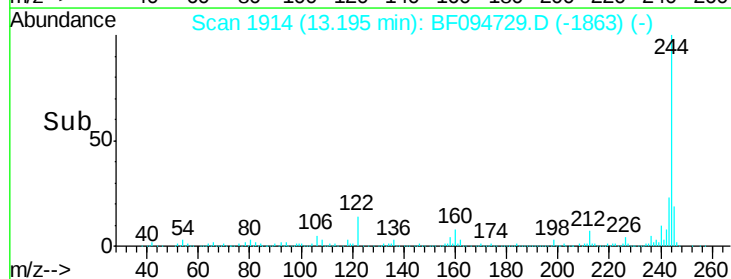
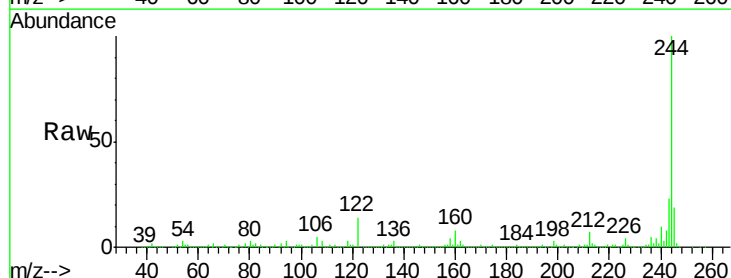
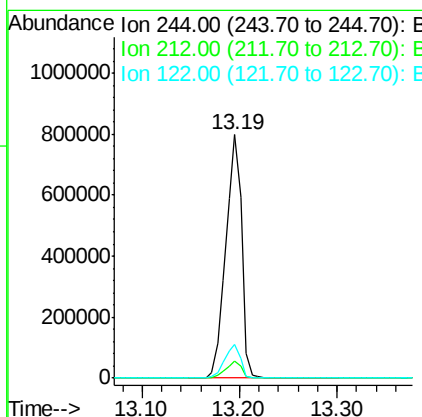
RT: 13.19 min Scan# 1914

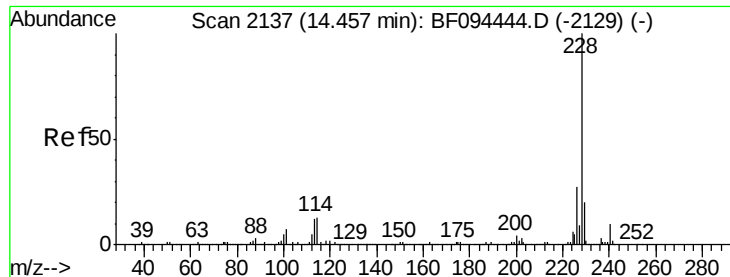
Delta R.T. -0.00 min

Lab File: BF094729.D

Acq: 30 Apr 2017 21:52

Tgt Ion:	244	Resp:	899796
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.7	10.3	15.5





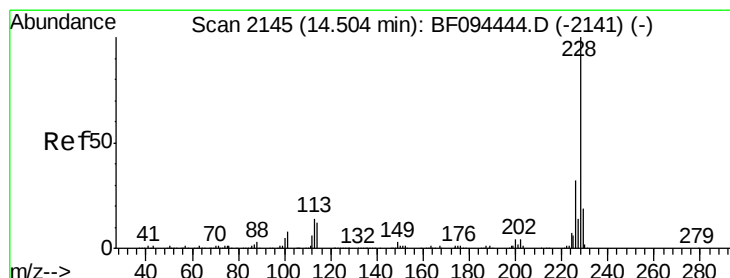
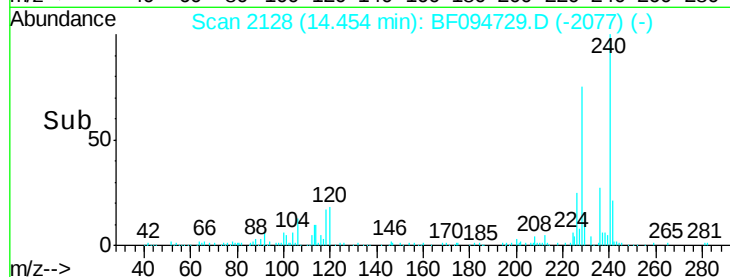
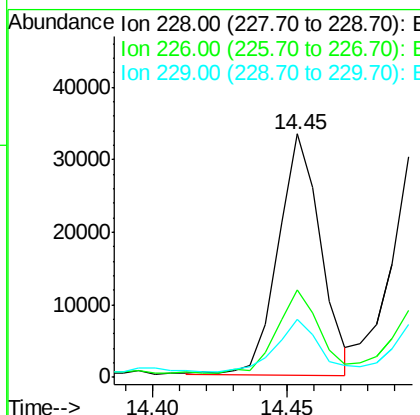
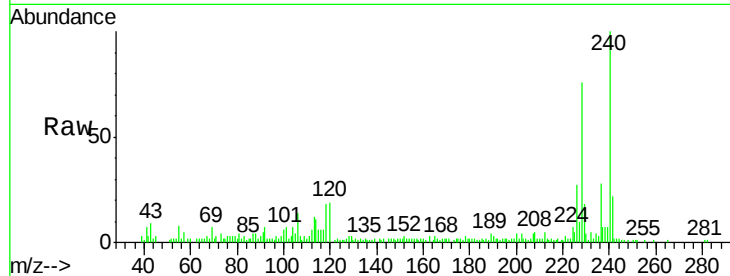
#80
Benzo(a)anthracene
Concen: 2.69 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.1	22.6	33.8#
229	23.9	16.3	24.5

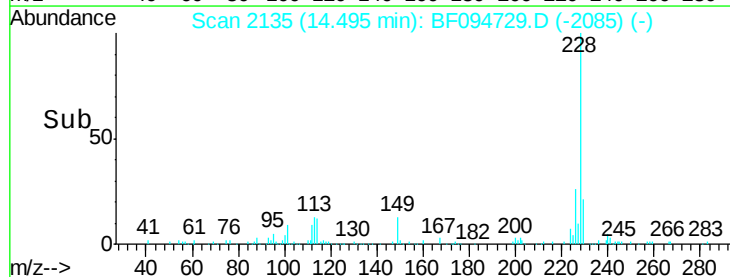
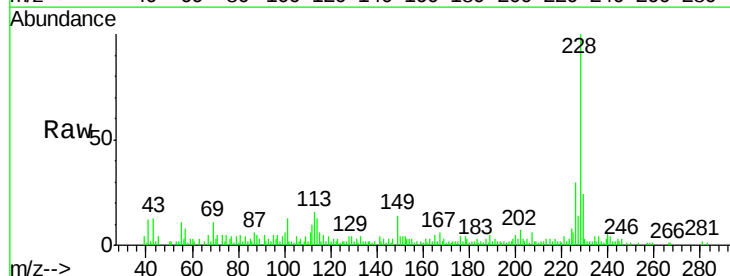
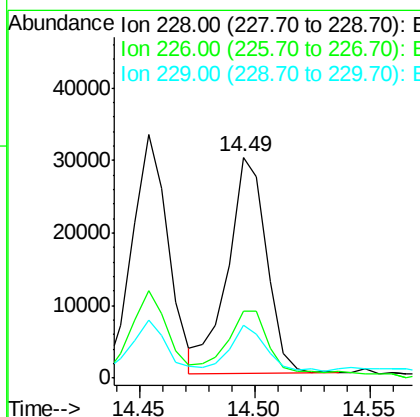
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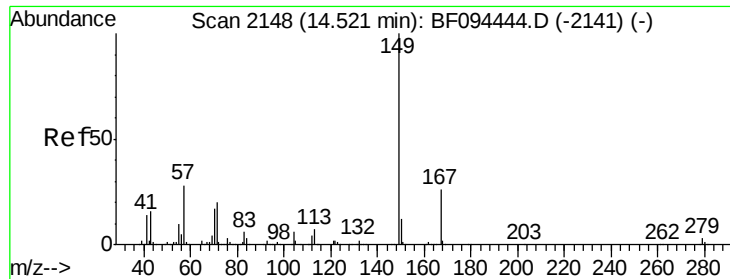
mohammad
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#82
Chrysene
Concen: 2.79 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.7	15.8	23.6#





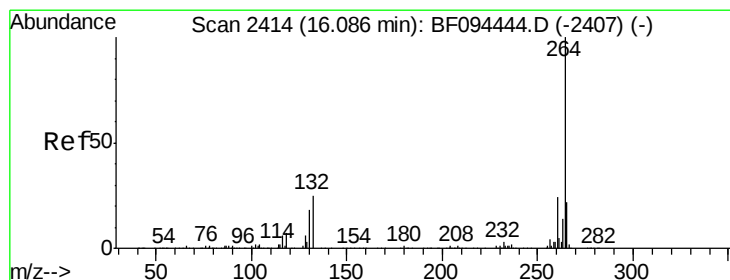
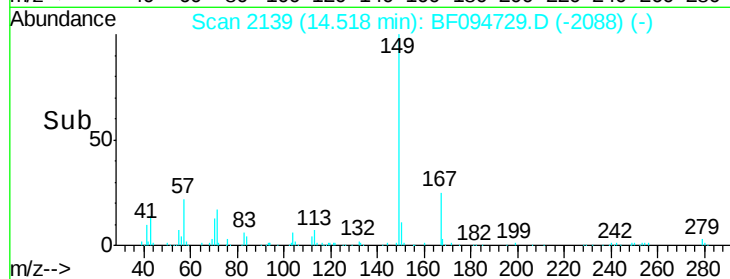
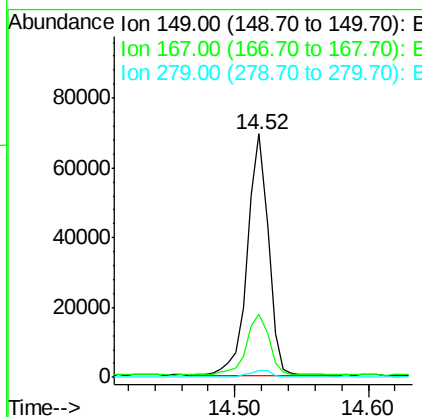
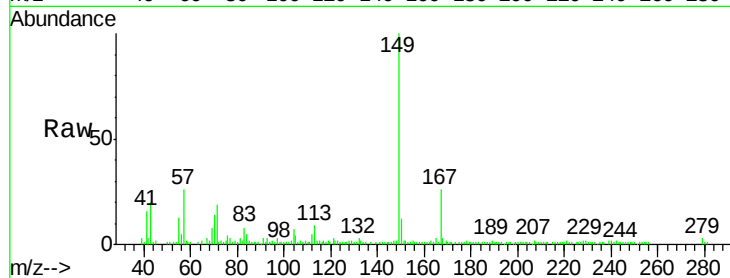
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.76 ng
RT: 14.52 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tot Ion	Ratio	Resp	Lower	Upper
149	100	74699		
167	25.9		21.0	31.4
279	3.0		1.9	2.9#

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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094729.D
Acq: 30 Apr 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	208440		
260	23.5		19.5	29.3
265	22.0		17.2	25.8

