

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093196.D
 Acq On : 25 Feb 2017 16:50
 Operator : SJ/MA
 Sample : I1973-13
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-3

Manual Integrations
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Quant Time: Feb 27 02:36:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159821	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	592622	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	272505	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	407439	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	319112	20.00	ng	-0.01
86) Perylene-d12	15.45	264	244050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1004155	107.79	ng	0.00
7) Phenol-d6	6.50	99	1362727	113.69	ng	0.01
23) Nitrobenzene-d5	7.41	82	756022	71.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	177536	90.08	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1323406	87.98	ng	-0.01
78) Terphenyl-d14	12.96	244	735699	54.17	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	91649	6.54	ng	Qvalue # 63
49) Dimethylphthalate	9.61	163	408624	22.26	ng	98
70) Phenanthrene	11.39	178	287886	12.33	ng	97
71) Anthracene	11.45	178	68328	2.91	ng	95
74) Fluoranthene	12.58	202	424575	17.63	ng	95
77) Pyrene	12.81	202	396744	16.61	ng	98
80) Benzo(a)anthracene	14.01	228	229488	11.76	ng	97
82) Chrysene	14.04	228	181702m	9.94	ng	
85) Indeno(1,2,3-cd)pyrene	16.87	276	75540m	5.34	ng	
87) Benzo(b)fluoranthene	15.04	252	199353m	12.41	ng	
88) Benzo(k)fluoranthene	15.05	252	83312m	6.01	ng	
89) Benzo(a)pyrene	15.39	252	145355	10.46	ng	99
91) Benzo(a,h,i)perylene	17.29	276	69551	6.13	ng	# 89

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

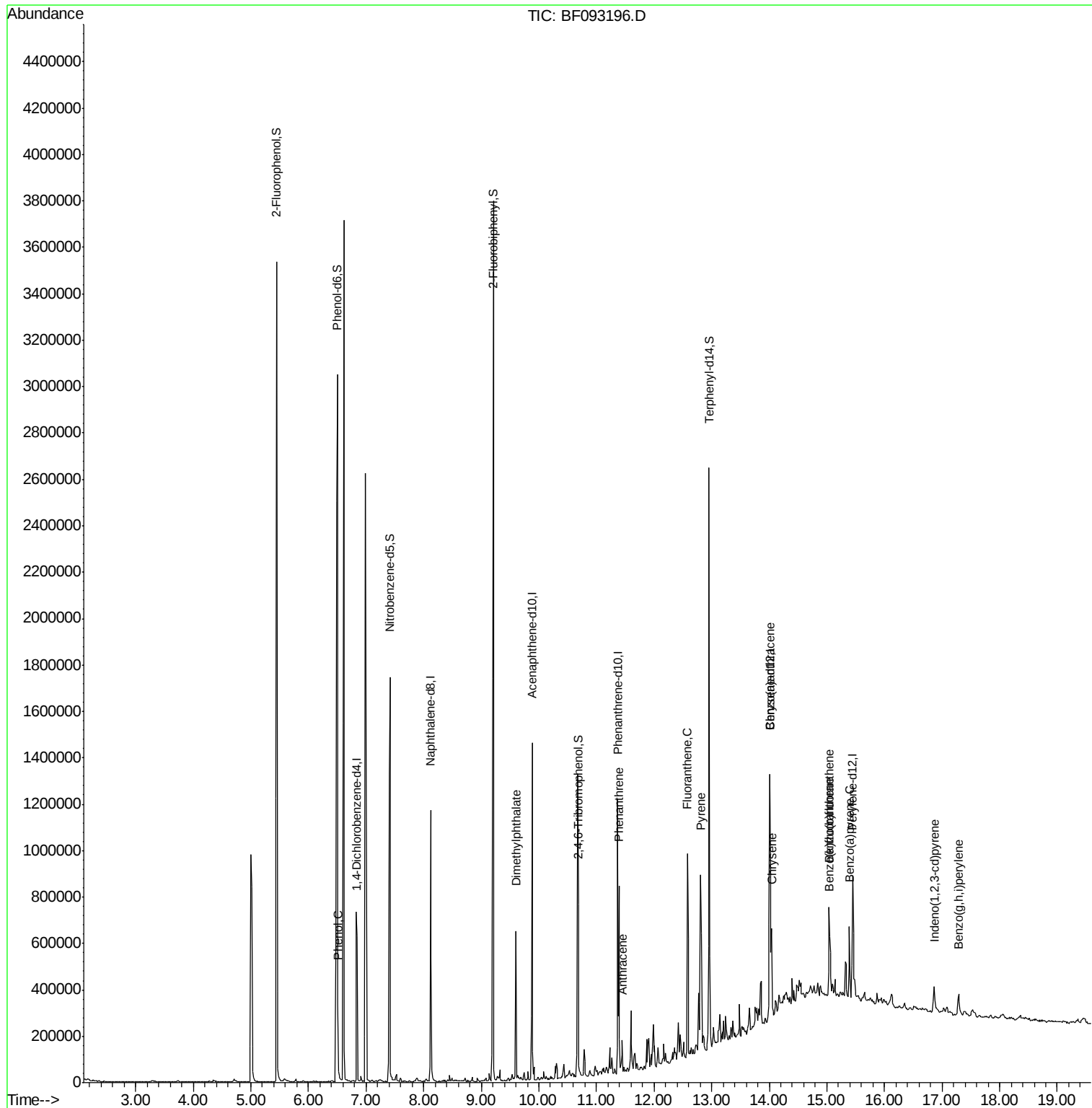
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093196.D
Acq On : 25 Feb 2017 16:50
Operator : SJ/MA
Sample : I1973-13
Misc :
ALS Vial : 49 Sample Multiplier: 1

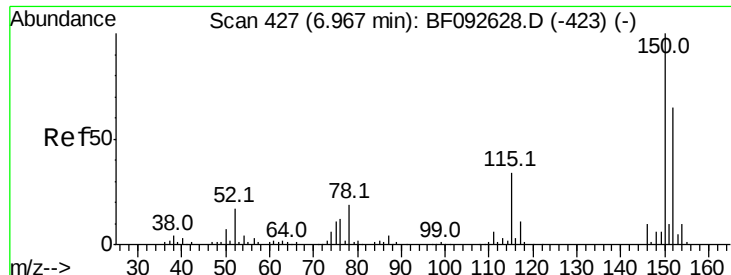
Instrument :
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ClientSampleId :
E2-B1-B2-BASE-3

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#1

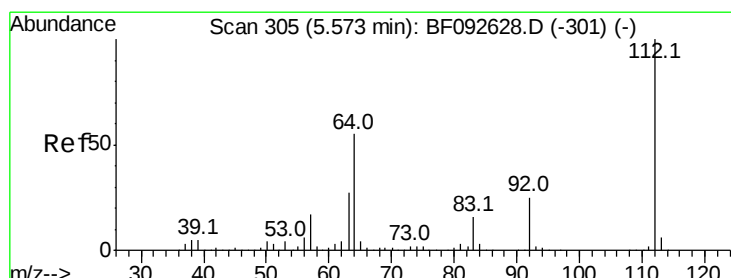
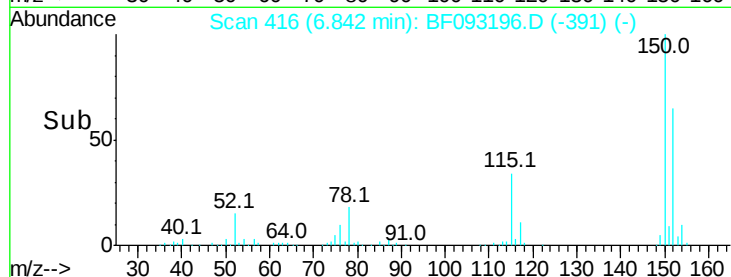
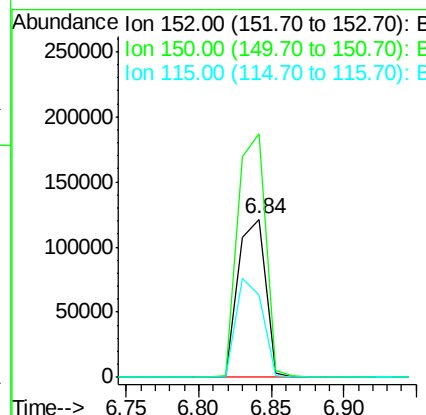
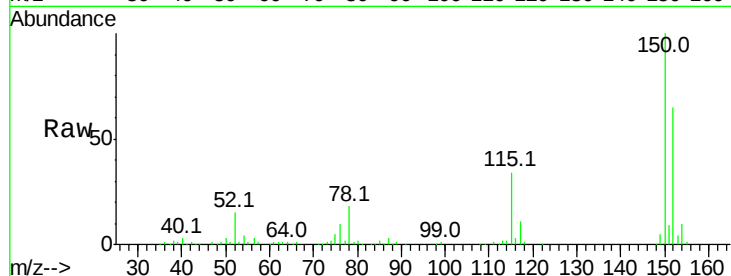
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.9	187.3
115	52.0	46.0	69.0

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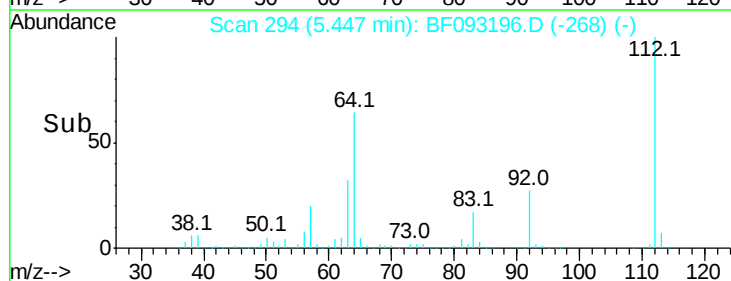
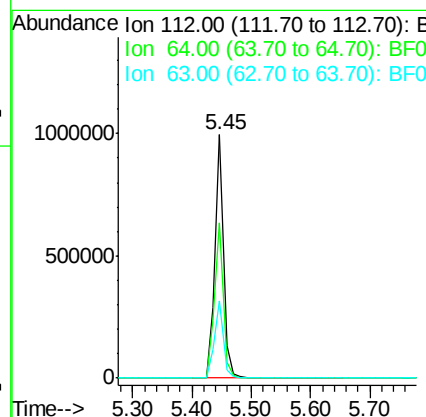
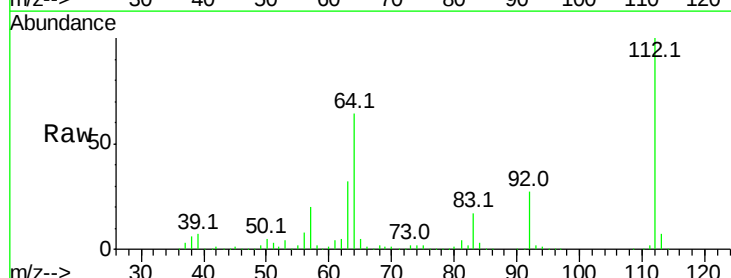
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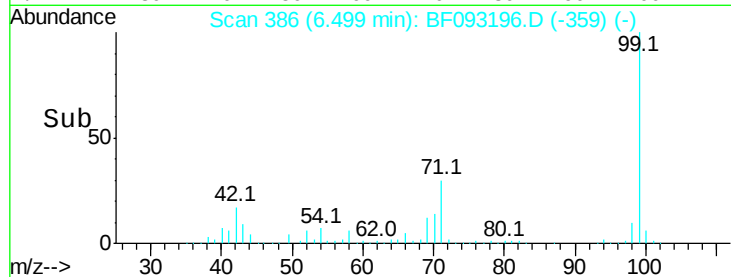
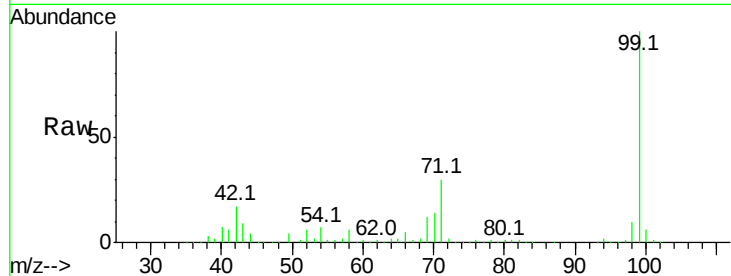
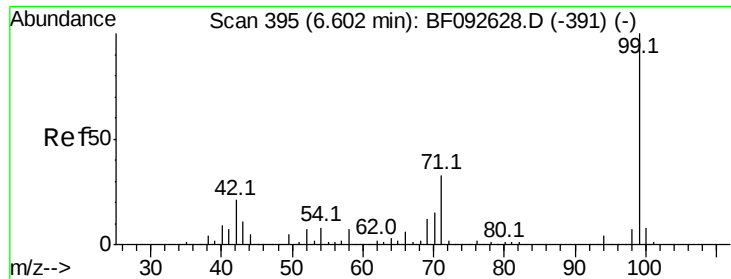


#5

2-Fluorophenol
Concen: 107.79 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.1	69.1
63	31.7	23.8	35.6





#7

Phenol-d6

Concen: 113.69 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Tot Ion:	99	Resp:	1362727
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.6	23.4
71	29.7	27.5	41.3

Instrument :

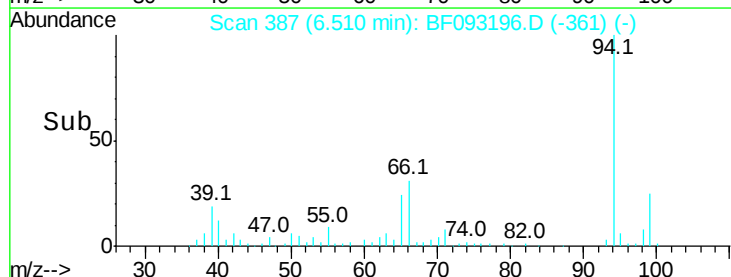
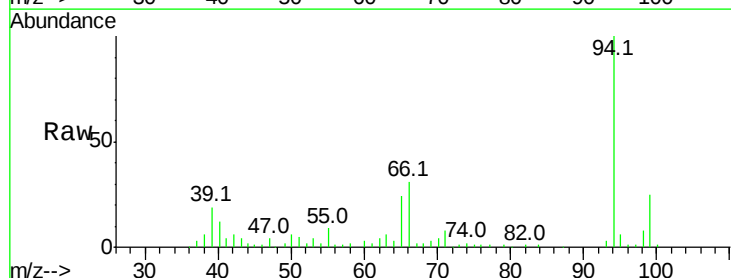
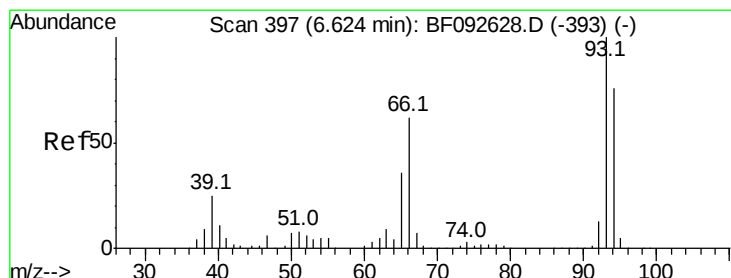
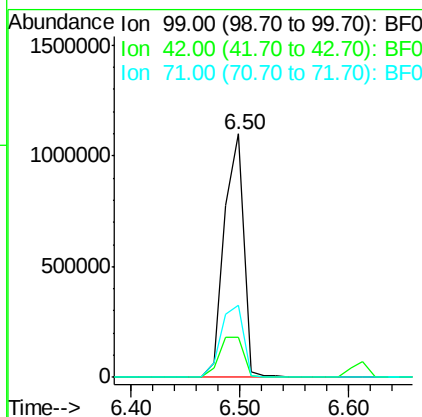
BNA_F

ClientSampleId :

E2-B1-B2-BASE-3

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#10

Phenol

Concen: 6.54 ng

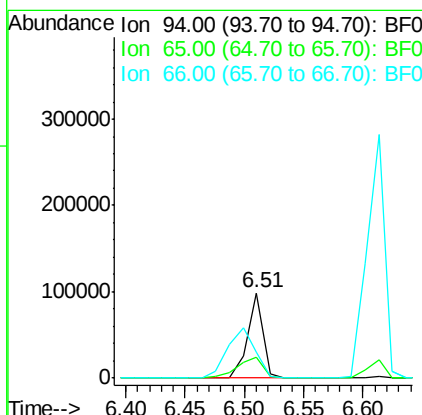
RT: 6.51 min Scan# 387

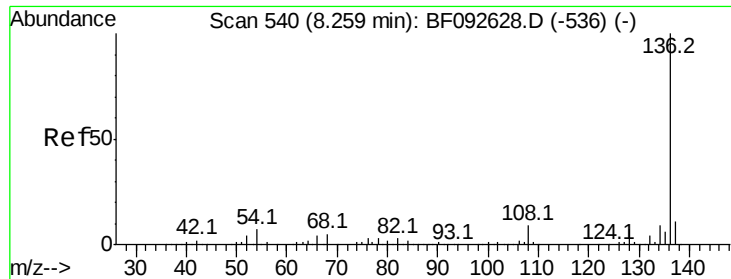
Delta R.T. -0.00 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Tgt Ion:	94	Resp:	91649
Ion	Ratio	Lower	Upper
94	100		
65	23.8	21.4	61.4
66	30.9	44.0	84.0#





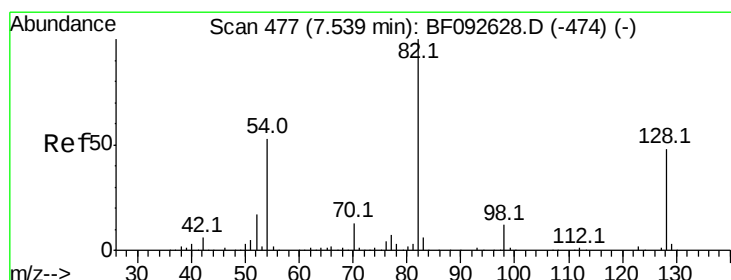
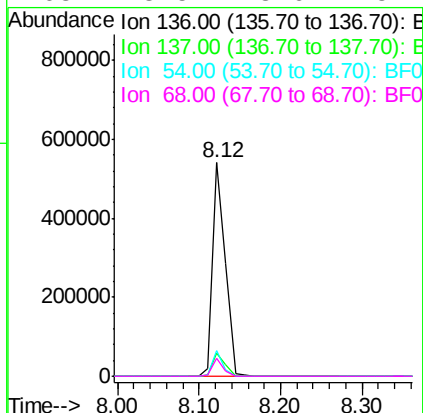
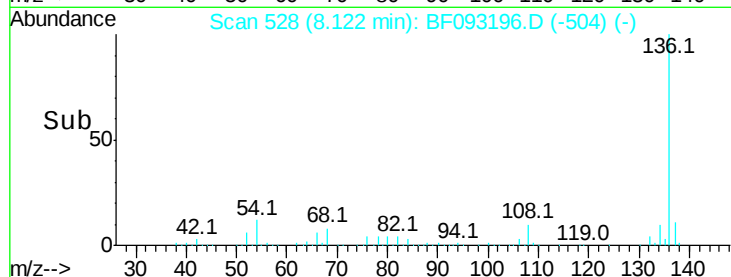
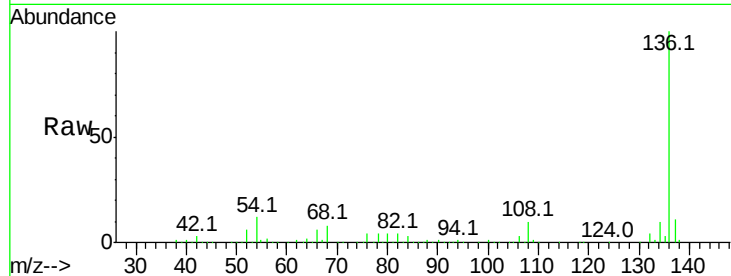
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100	592622		
137	11.0		8.4	12.6
54	12.1		4.5	6.7#
68	8.5		3.6	5.4#

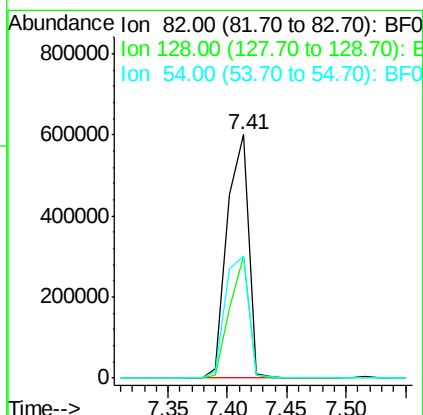
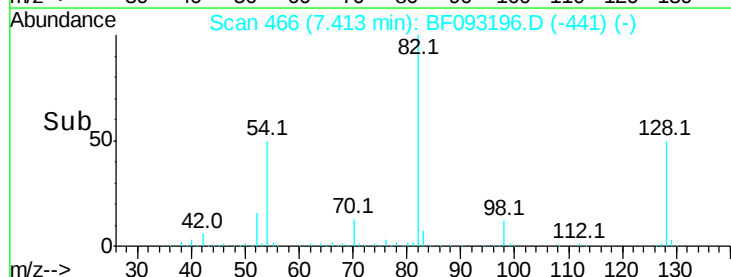
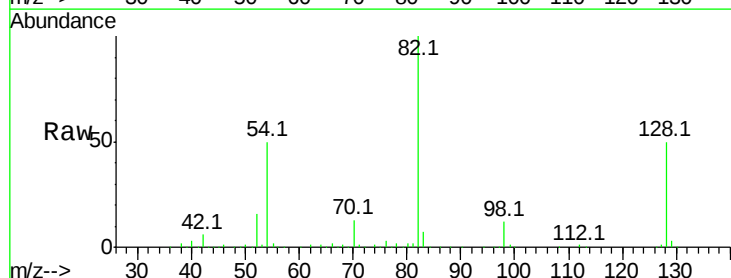
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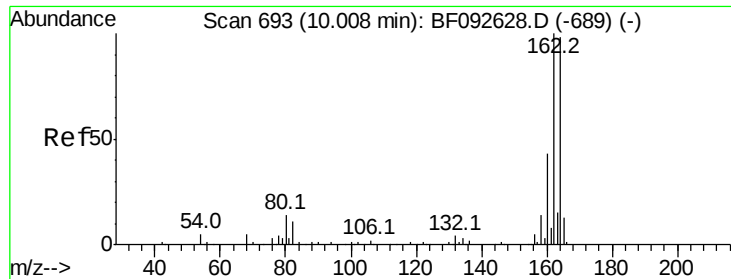
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#23
Nitrobenzene-d5
Concen: 71.04 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	756022		
128	50.2		34.6	52.0
54	50.1		39.5	59.3





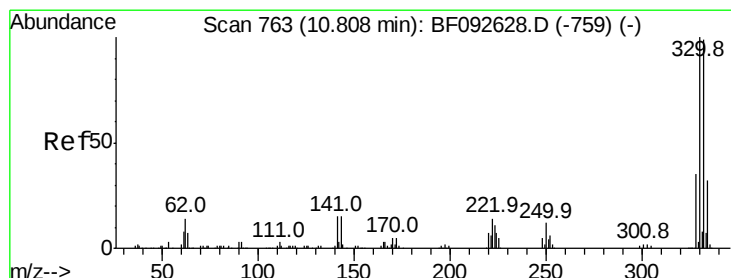
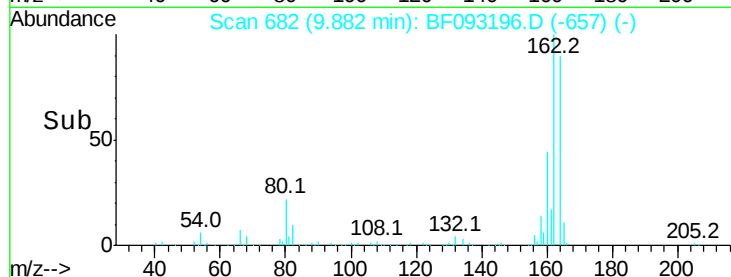
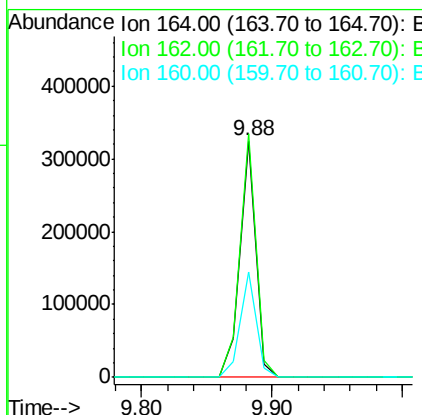
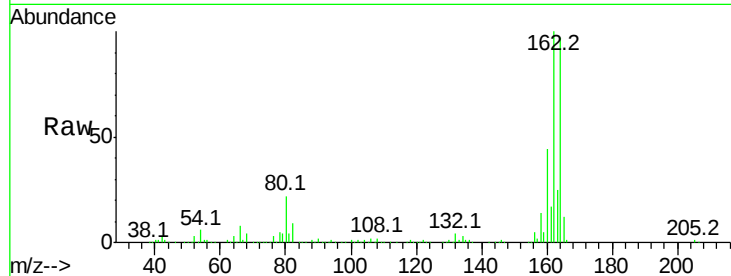
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.2	120.2	
160	44.9	36.9	55.3	

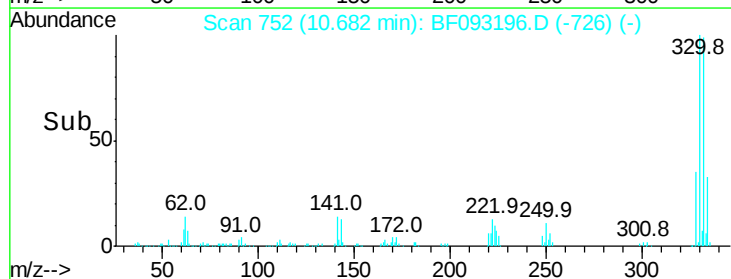
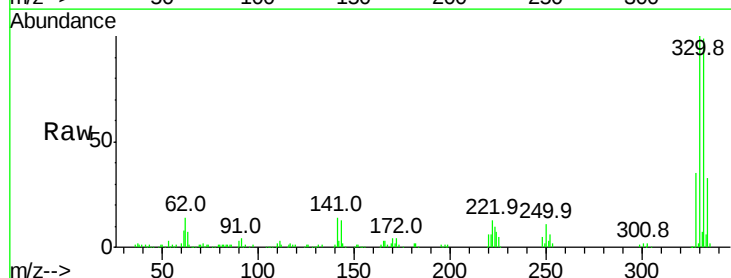
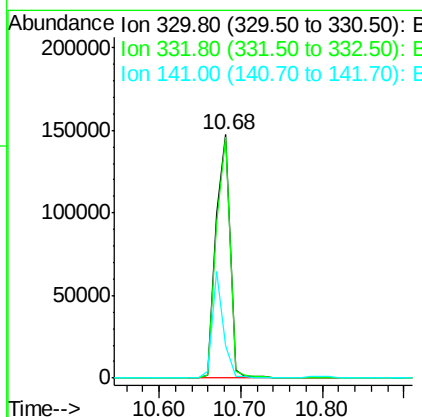
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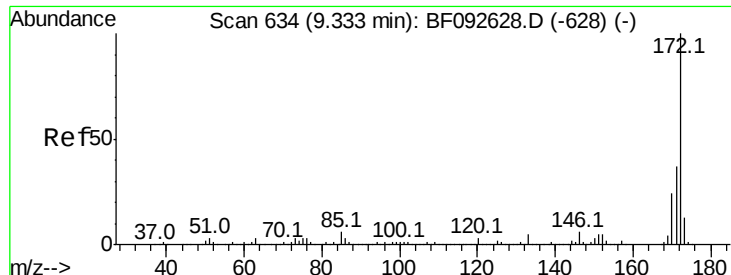
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#41
2,4,6-Tribromophenol
Concen: 90.08 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.4	116.2	
141	36.4	34.1	51.1	





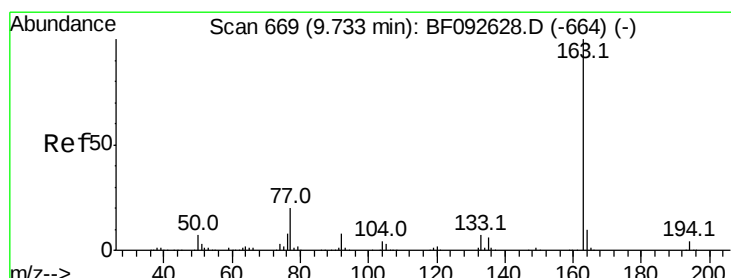
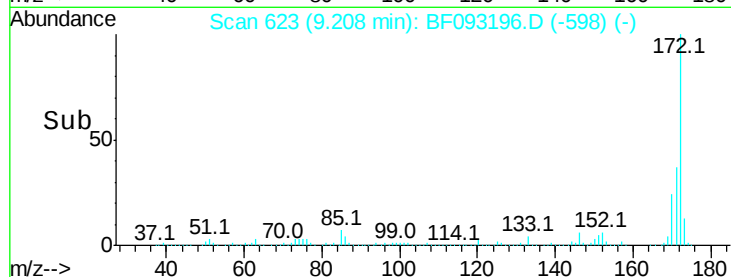
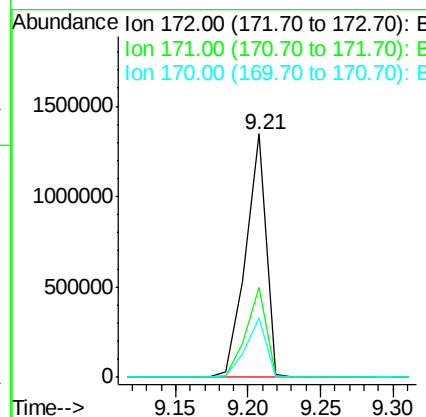
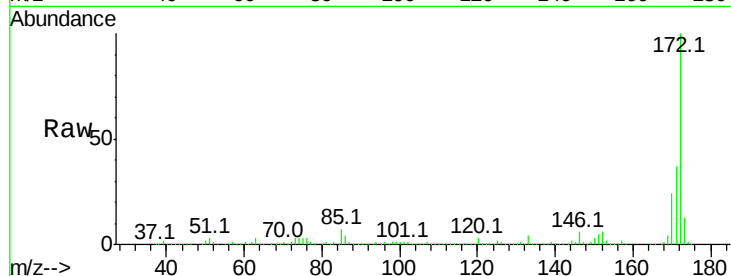
#44
2-Fluorobiphenyl
Concen: 87.98 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.4	20.2	30.4

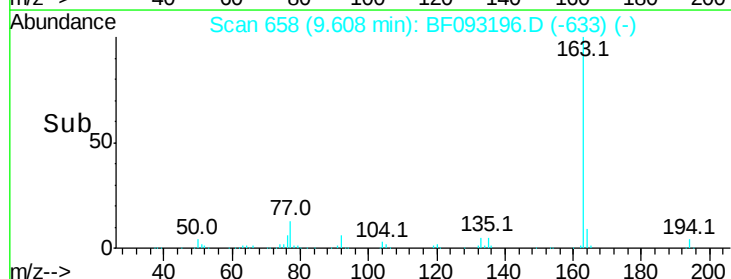
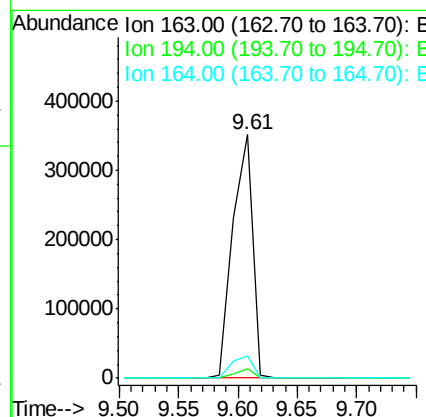
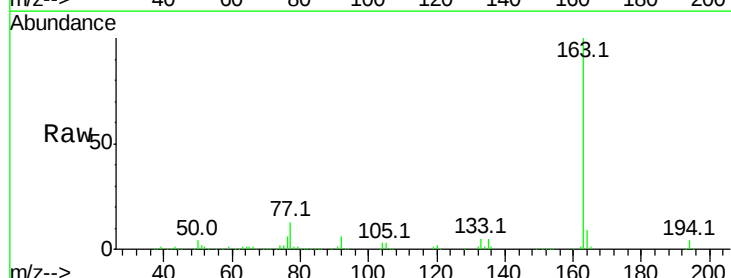
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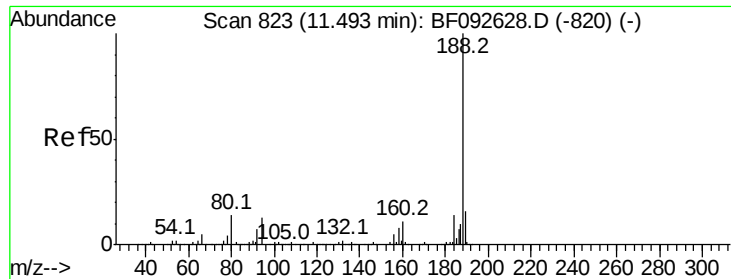
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#49
Dimethylphthalate
Concen: 22.26 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.2	8.0	12.0





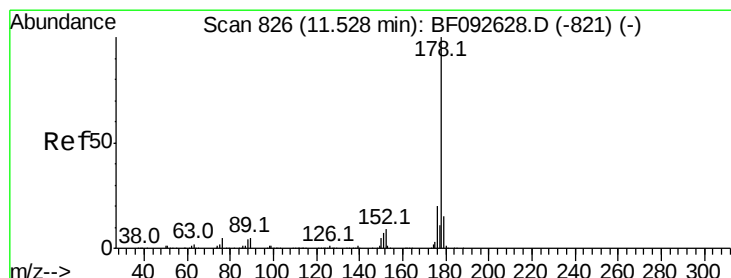
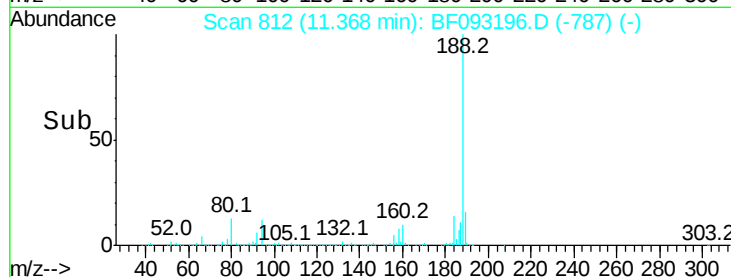
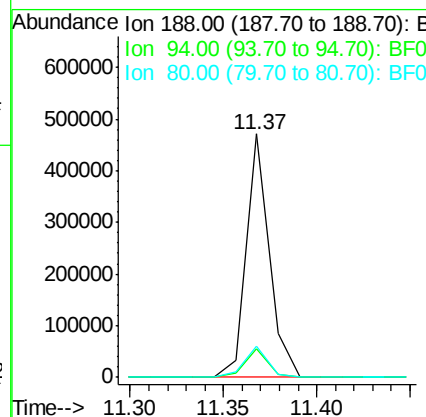
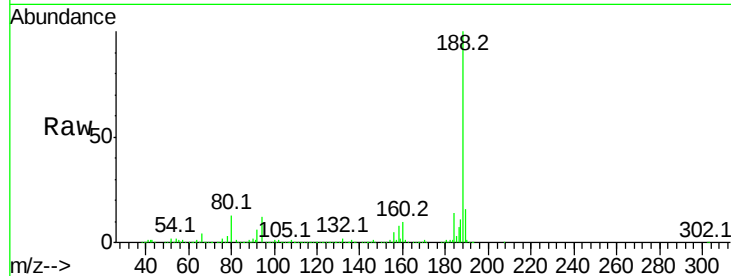
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	407439		
94	11.7		10.0	15.0
80	12.5		11.2	16.8

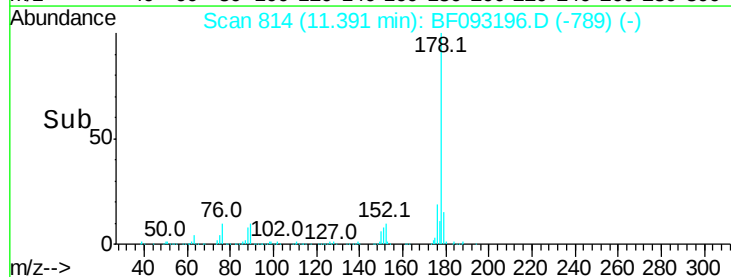
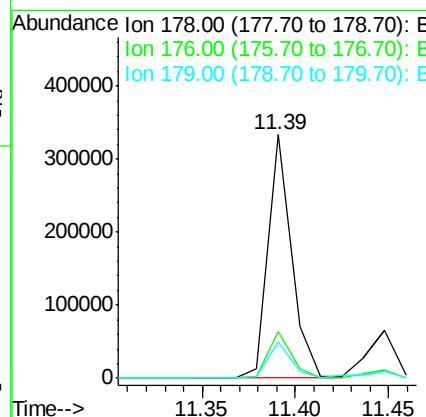
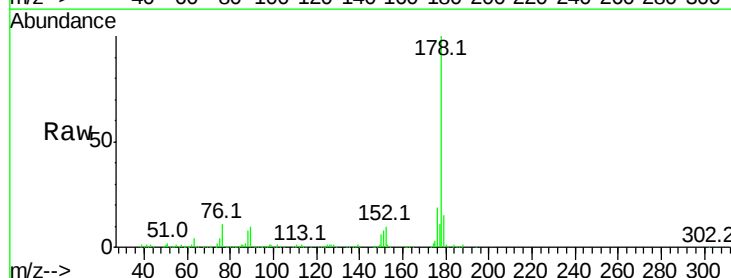
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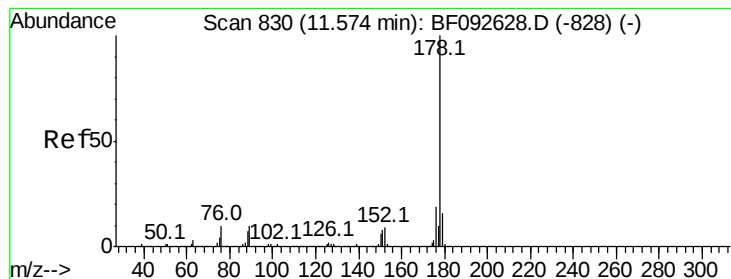
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#70
Phenanthrene
Concen: 12.33 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	287886		
176	19.3		16.6	25.0
179	14.8		12.8	19.2





#71

Anthracene

Concen: 2.91 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Instrument :

BNA_F

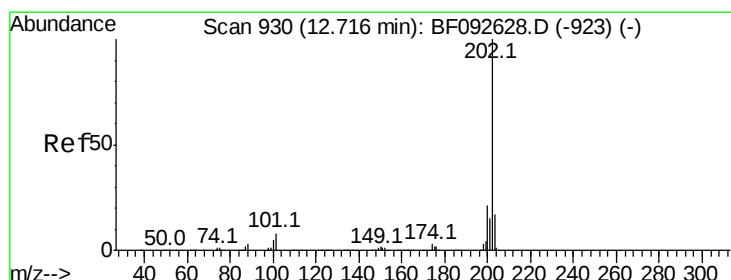
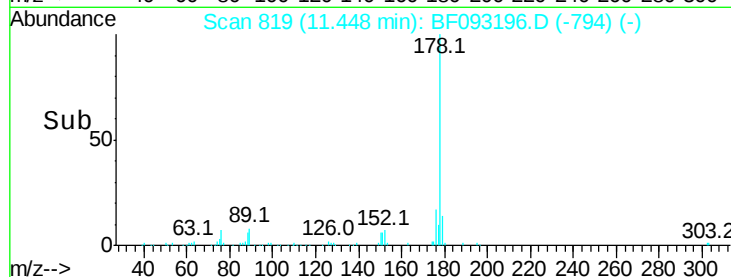
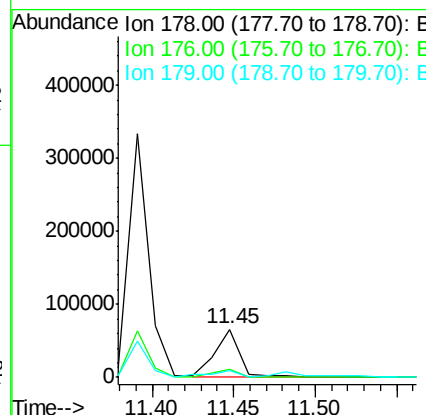
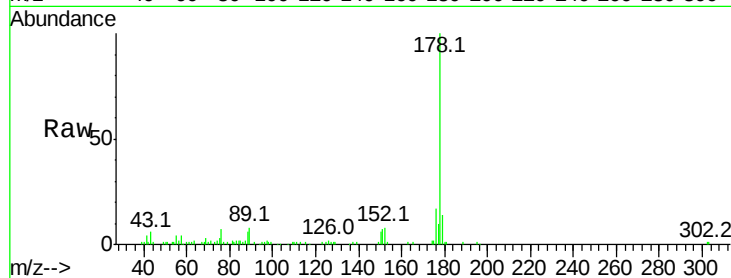
ClientSampleId :

E2-B1-B2-BASE-3

Tot Ion:	178	Resp:	68328
Ion Ratio	Lower	Upper	
178	100		
176	17.2	15.9	23.9
179	14.4	13.2	19.8

Manual Integrations
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#74

Fluoranthene

Concen: 17.63 ng

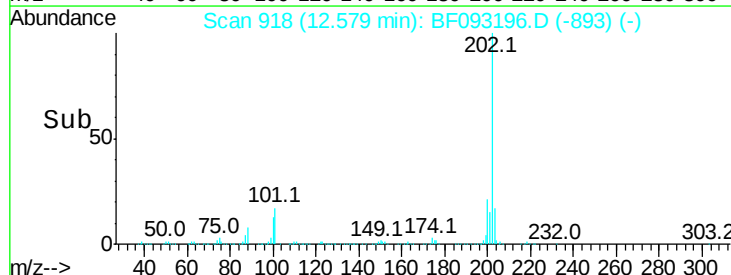
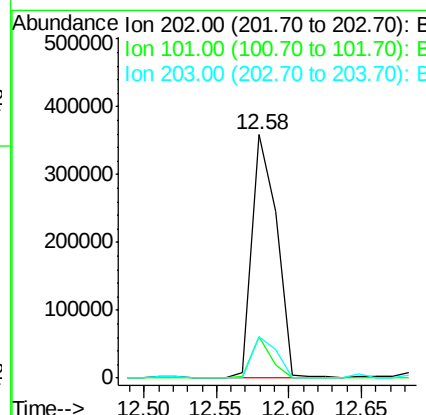
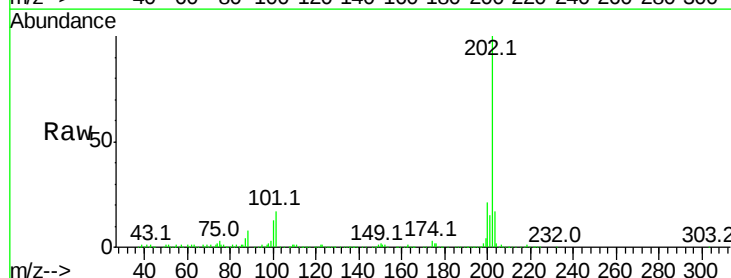
RT: 12.58 min Scan# 918

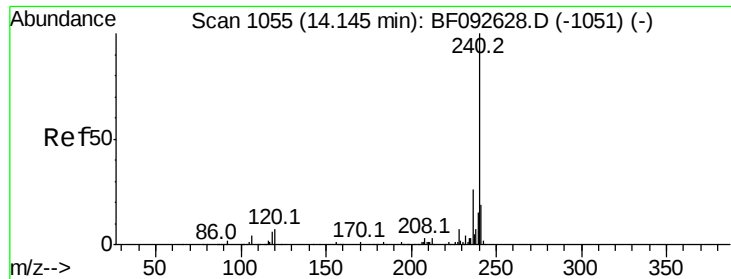
Delta R.T. -0.01 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Tgt Ion:	202	Resp:	424575
Ion Ratio	Lower	Upper	
202	100		
101	16.9	0.0	34.6
203	17.0	0.0	38.7





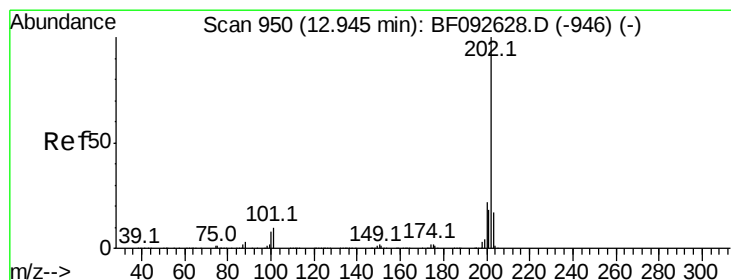
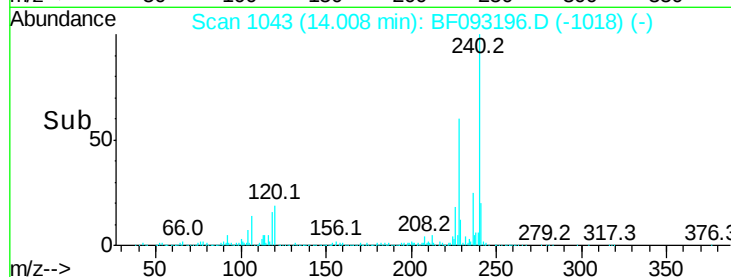
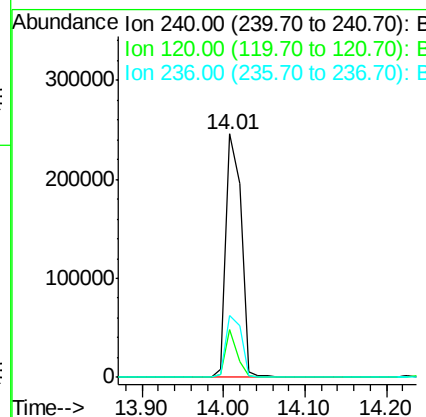
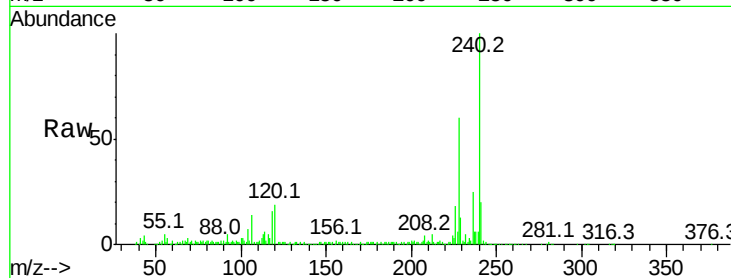
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	19.5	12.9	19.3	
236	25.4	20.9	31.3	

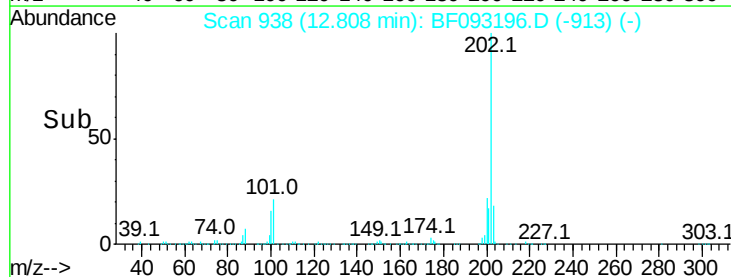
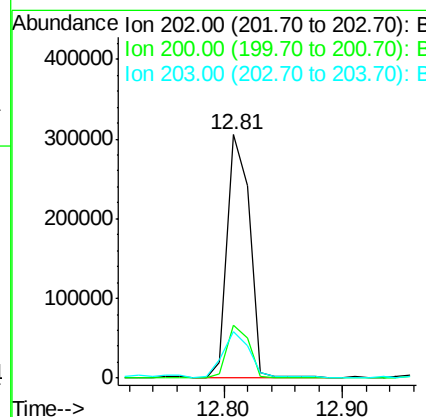
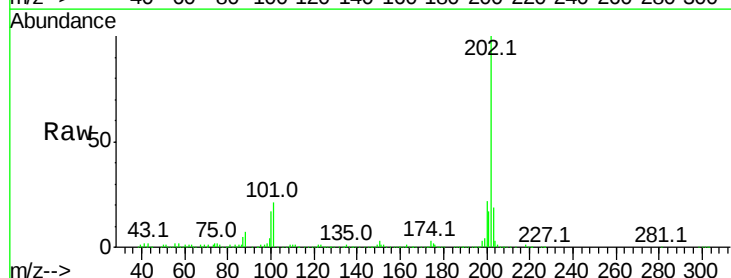
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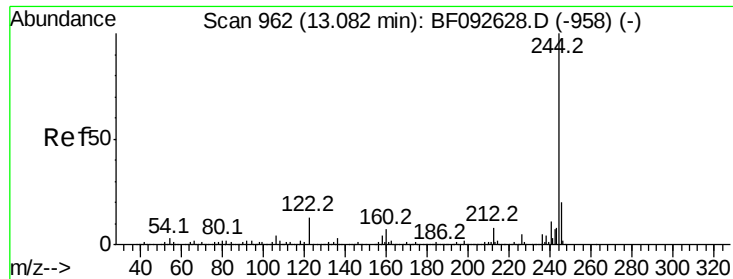
mohammad
2/27/2017 1:09:14 PM



#77
Pyrene
Concen: 16.61 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.7	26.5	
203	19.3	14.7	22.1	





#78

Terphenyl-d14

Concen: 54.17 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Instrument :

BNA_F

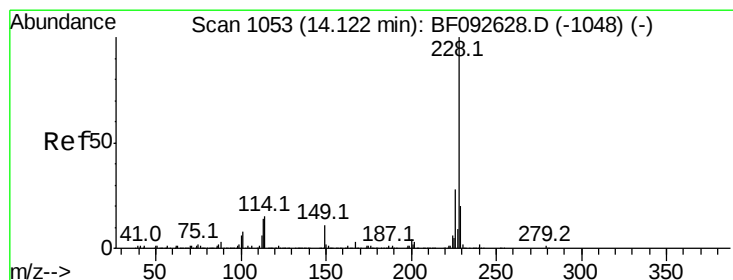
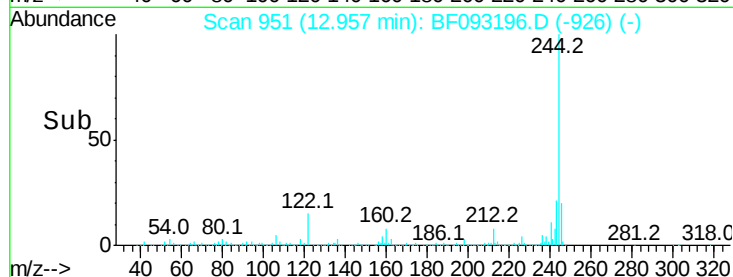
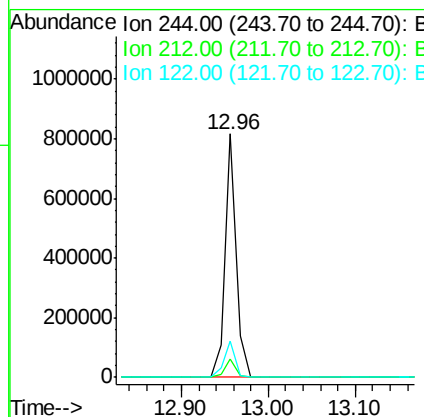
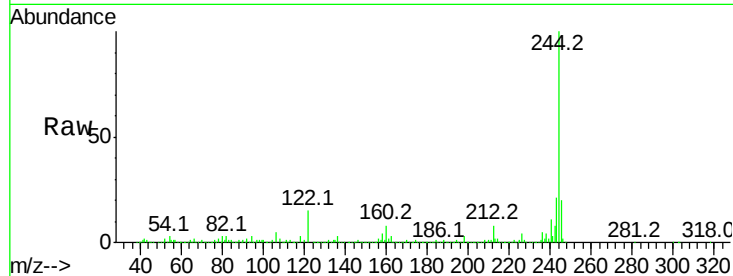
ClientSampleId :

E2-B1-B2-BASE-3

Tot Ion:	244	Resp:	735699
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	14.8	11.4	17.2

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#80

Benzo(a)anthracene

Concen: 11.76 ng

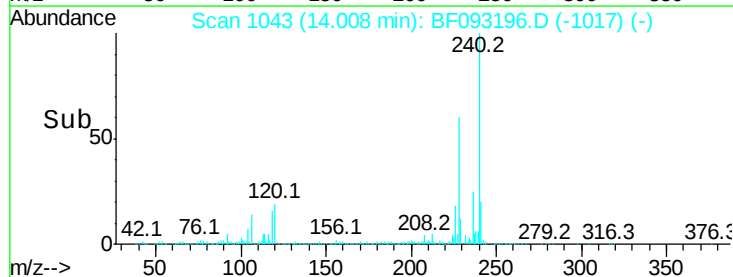
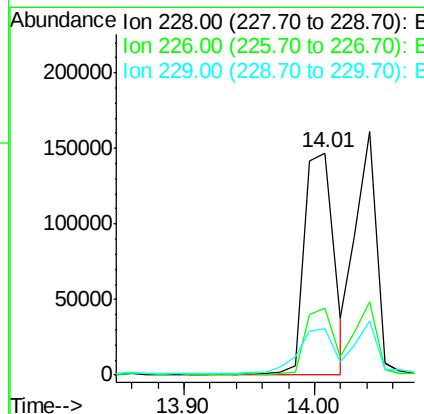
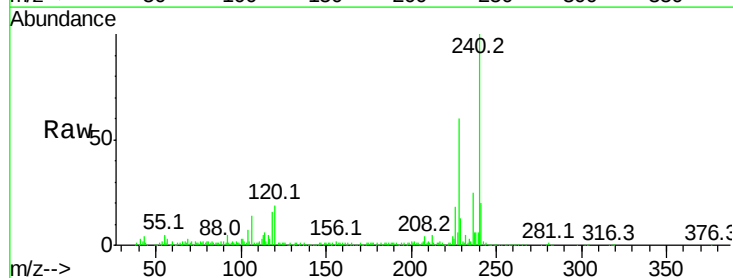
RT: 14.01 min Scan# 1043

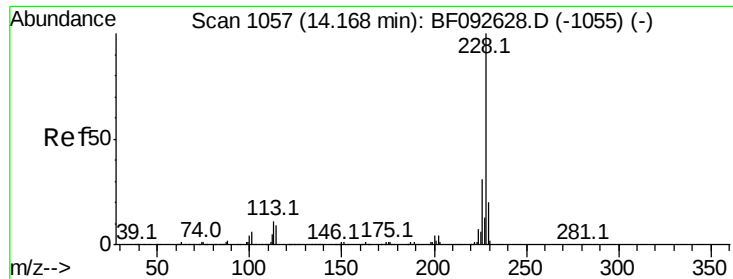
Delta R.T. -0.00 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Tgt Ion:	228	Resp:	229488
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.4	33.6
229	21.1	16.2	24.4





#82

Chrysene

Concen: 9.94 ng m

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Instrument :

BNA_F

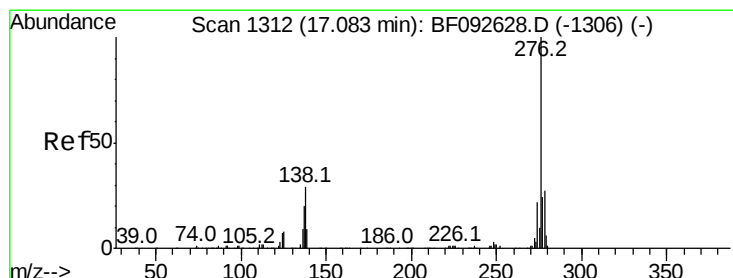
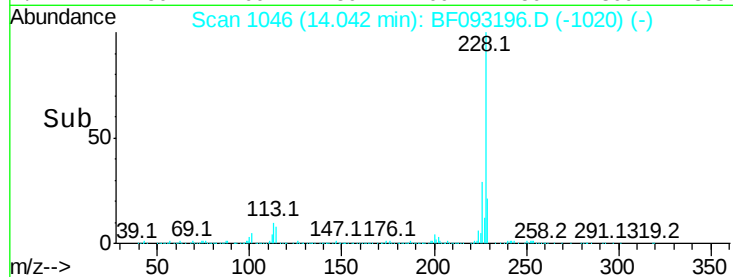
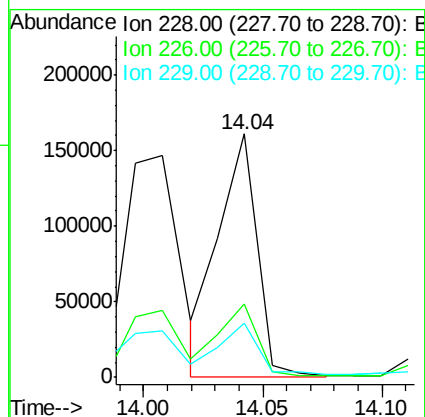
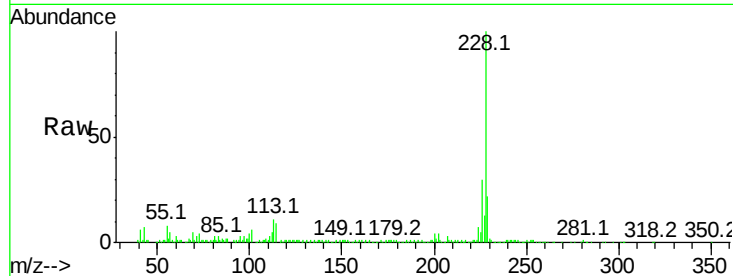
ClientSampleId :

E2-B1-B2-BASE-3

Tot Ion:	228	Resp:	181702
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.0
229	22.3	16.2	24.2

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.34 ng m

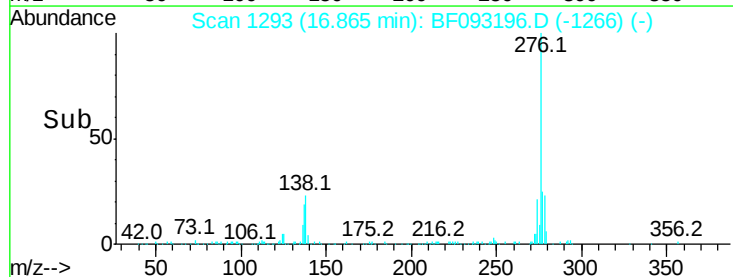
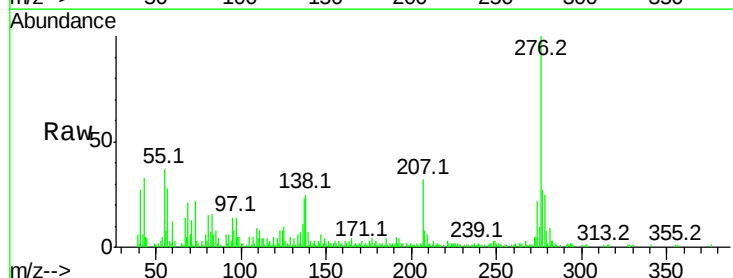
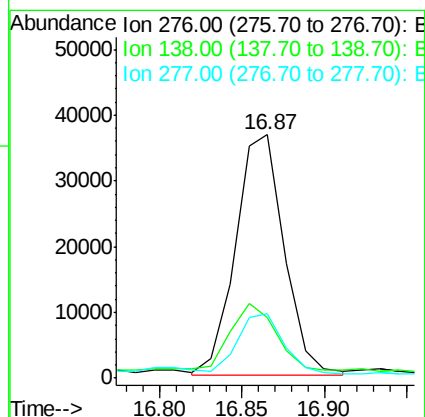
RT: 16.87 min Scan# 1293

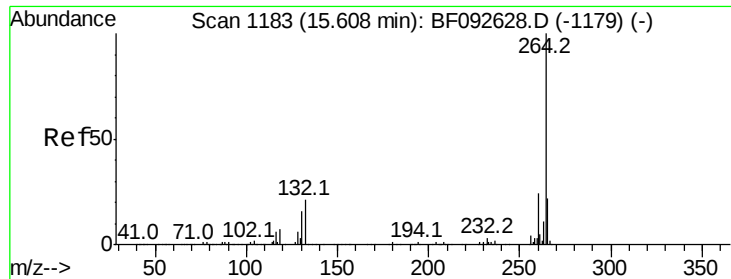
Delta R.T. 0.01 min

Lab File: BF093196.D

Acq: 25 Feb 2017 16:50

Tgt Ion:	276	Resp:	75540
Ion Ratio	Lower	Upper	
276	100		
138	6.4	21.8	32.6#
277	4.8	20.2	30.4#





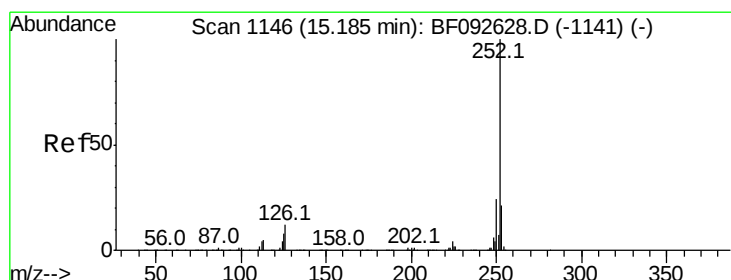
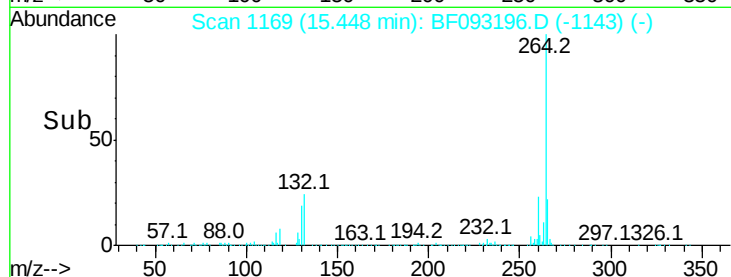
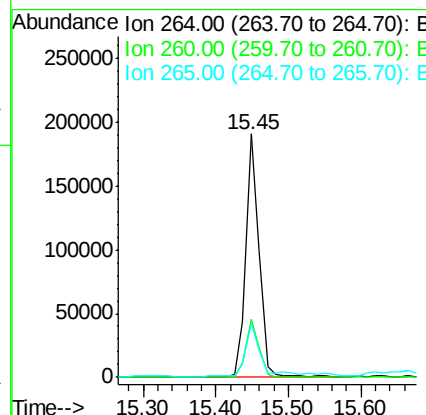
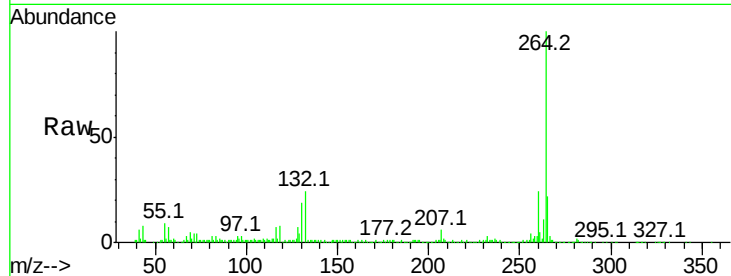
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.4	26.0

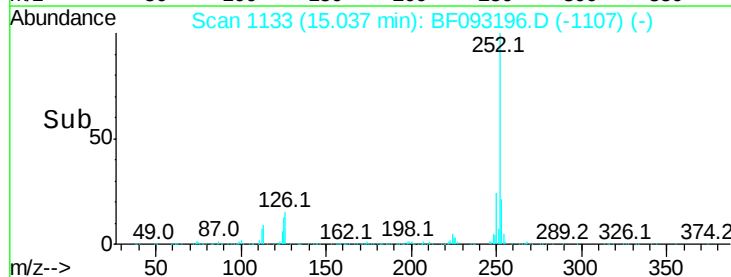
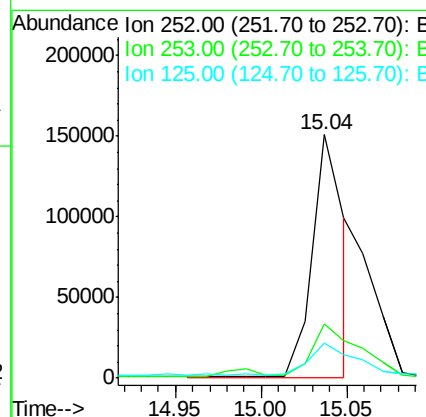
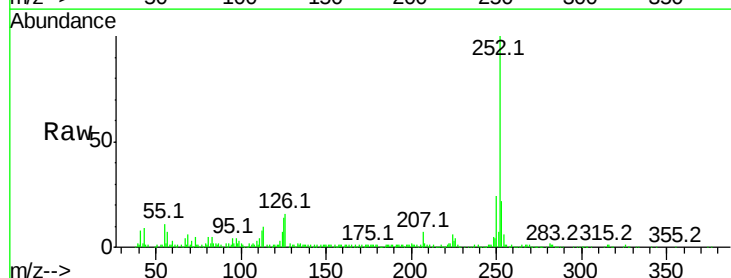
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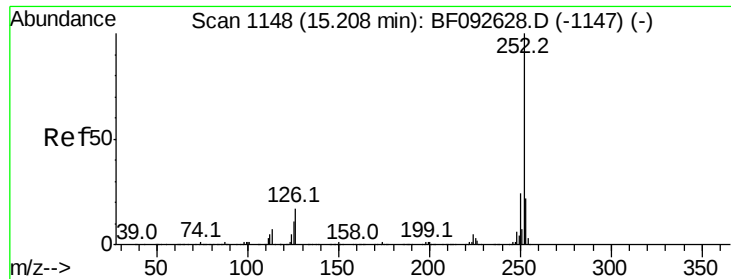
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#87
Benzo(b)fluoranthene
Concen: 12.41 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	14.1	9.8	14.6





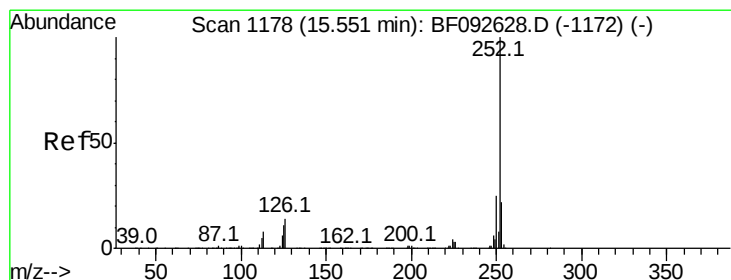
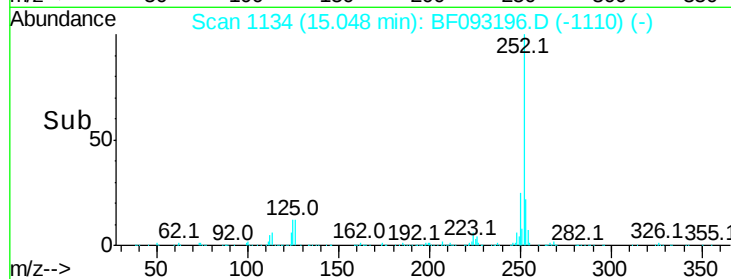
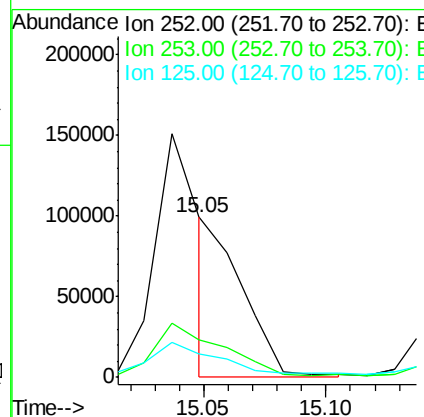
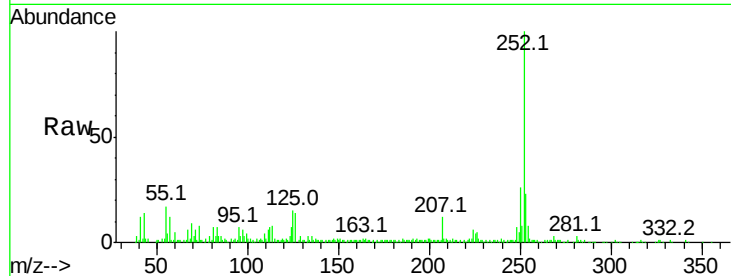
#88
Benzo(k)fluoranthene
Concen: 6.01 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	14.9	8.9	13.3

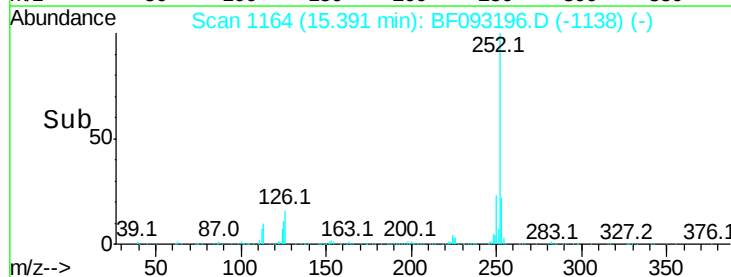
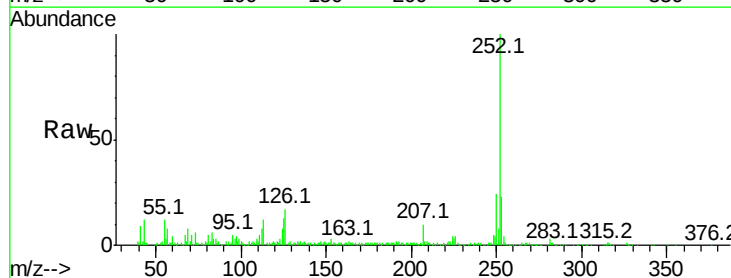
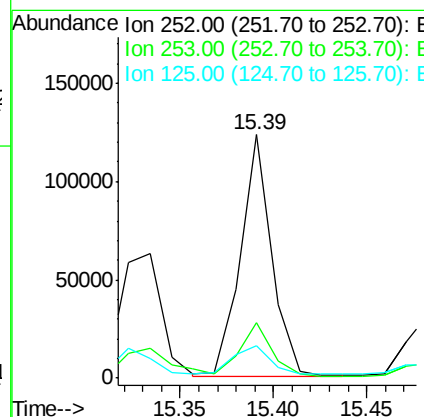
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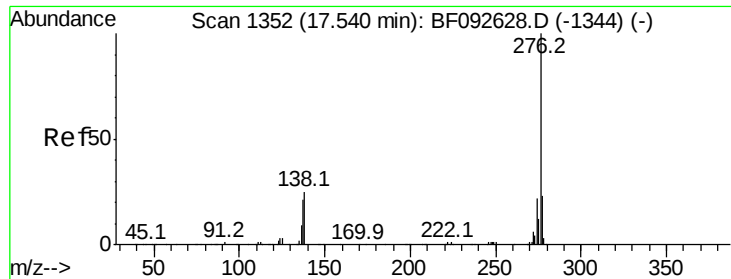
mohammad
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#89
Benzo(a)pyrene
Concen: 10.46 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093196.D
Acq: 25 Feb 2017 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.4	10.0	15.0





#91
 Benzo(a,h,i)perylene
 Concen: 6.13 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF093196.D
 Acq: 25 Feb 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	30.3	16.0	24.0

Manual Integrations
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