

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093094.D
 Acq On : 22 Feb 2017 23:55
 Operator : SJ/MA
 Sample : I1931-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-6

Manual Integrations
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mohammad
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Quant Time: Feb 23 00:53:47 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	169087	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	658886	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	320759	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	602614	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	450965	20.00	ng	-0.03
86) Perylene-d12	15.41	264	326147	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2445	0.25	ng	0.01
7) Phenol-d6	6.48	99	113060	8.92	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1013517	85.66	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.20	172	1593242	89.99	ng	-0.02
78) Terphenyl-d14	12.95	244	1464334	76.30	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.60	163	310506	14.37	ng	99
70) Phenanthrene	11.38	178	220065	6.37	ng	96
74) Fluoranthene	12.57	202	221804	6.23	ng	93
77) Pyrene	12.80	202	182254	5.40	ng	96
80) Benzo(a)anthracene	13.97	228	76107	2.76	ng	97
82) Chrysene	14.01	228	51930m	2.01	ng	
87) Benzo(b)fluoranthene	15.00	252	61601m	2.87	ng	
89) Benzo(a)pyrene	15.36	252	38891	2.09	ng	100

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

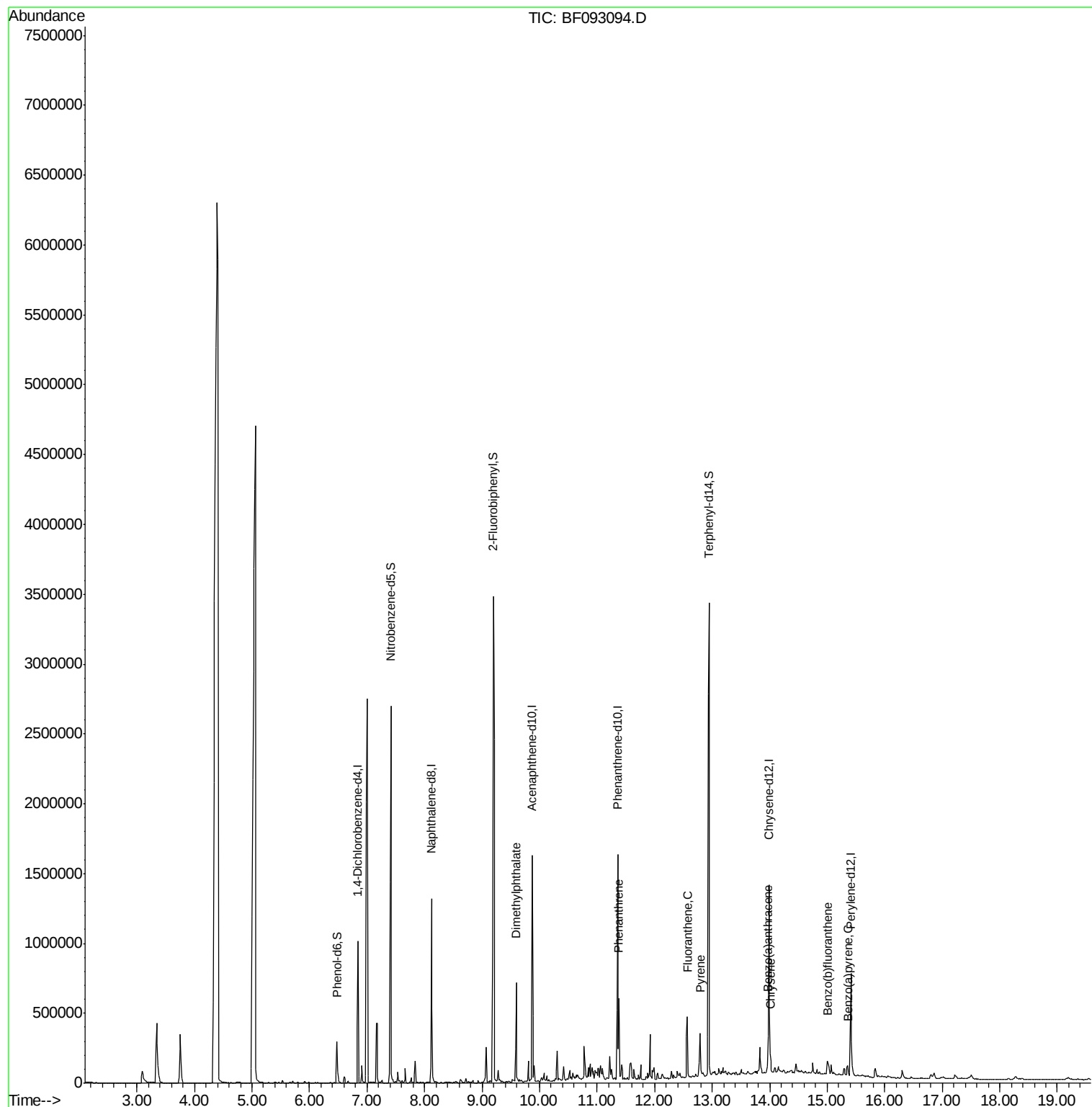
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
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#1

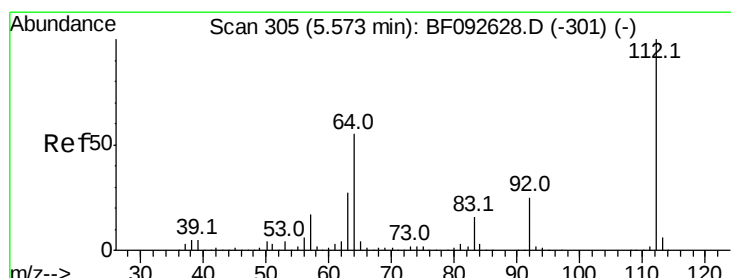
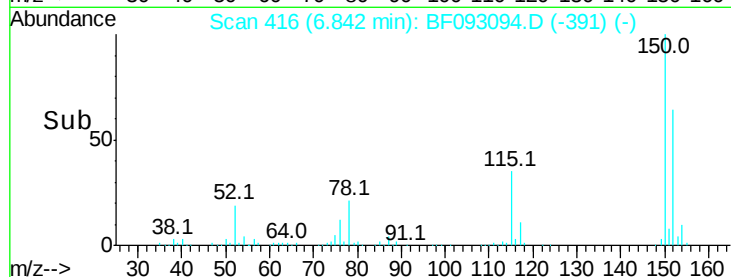
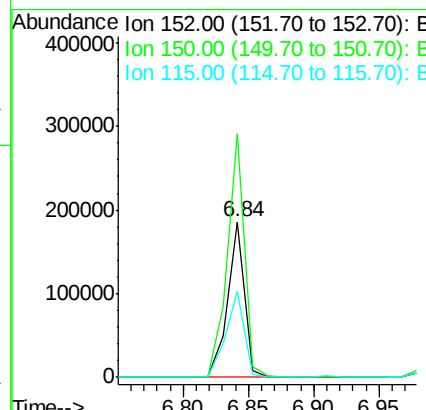
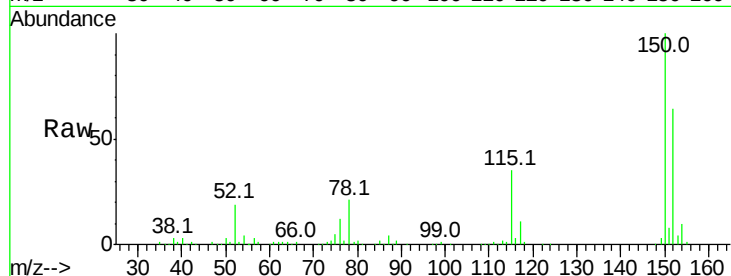
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Instrument :
BNA_F
ClientSampled :
P-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.9	187.3
115	55.2	46.0	69.0

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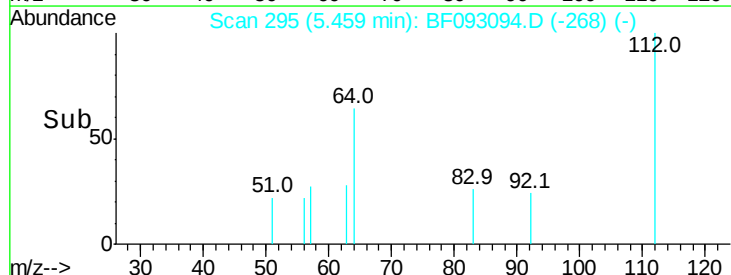
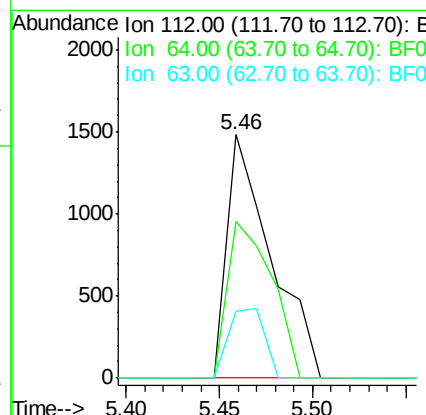
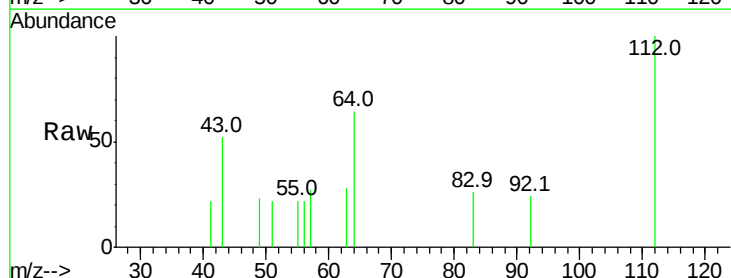
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#5

2-Fluorophenol
Concen: 0.25 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.1	69.1
63	27.6	23.8	35.6





#7

Phenol-d6

Concen: 8.92 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093094.D

Acq: 22 Feb 2017 23:55

Instrument :

BNA_F

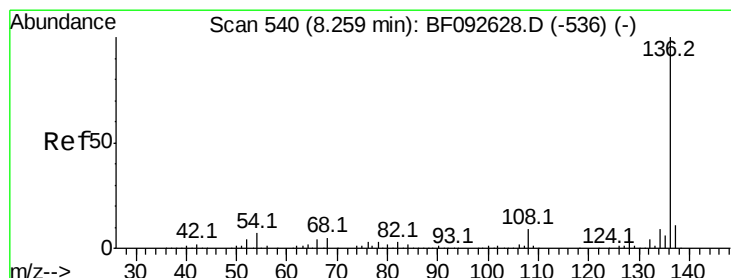
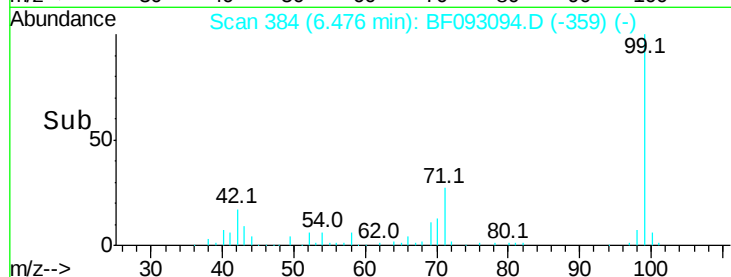
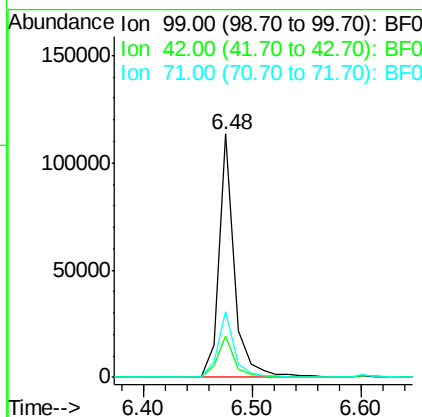
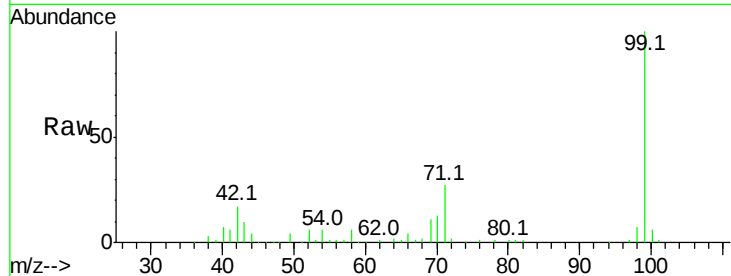
ClientSampleId :

P-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		113060		
42	17.2	15.6	23.4		
71	27.2	27.5	41.3#		

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#21

Naphthalene-d8

Concen: 20.00 ng

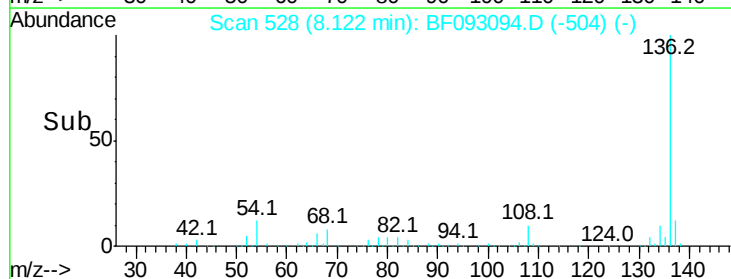
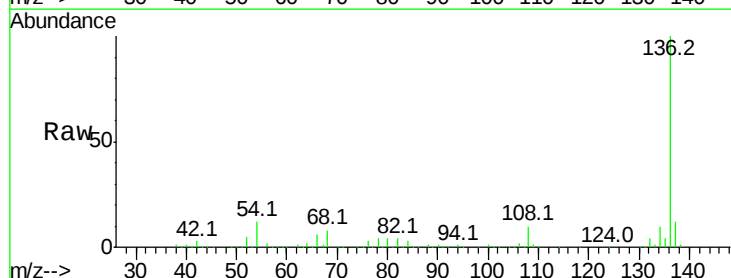
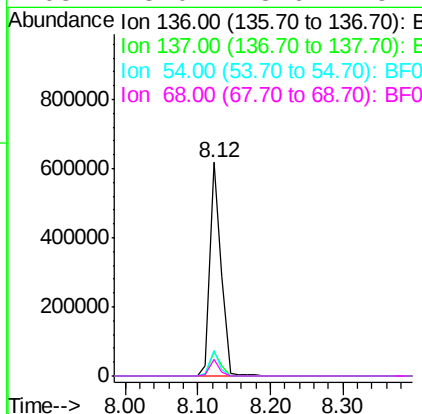
RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093094.D

Acq: 22 Feb 2017 23:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		658886		
137	11.5	8.4	12.6		
54	11.8	4.5	6.7#		
68	8.0	3.6	5.4#		





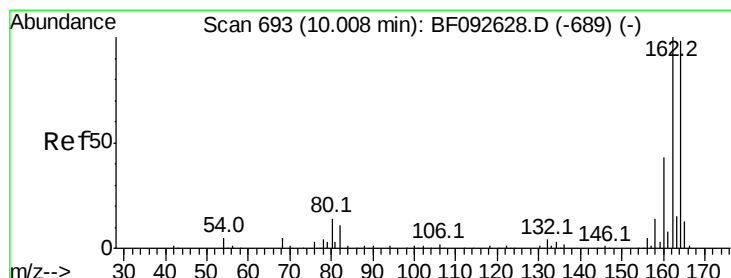
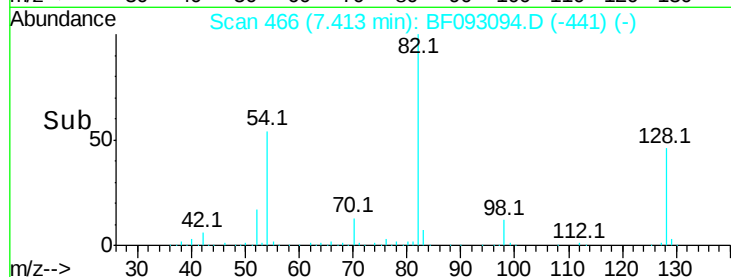
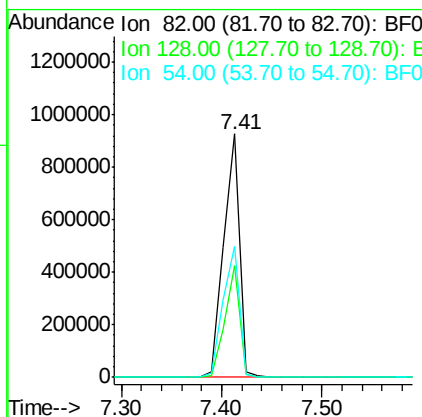
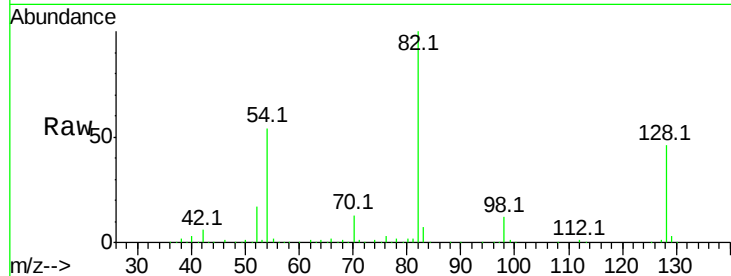
#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093094.D
 Acq: 22 Feb 2017 23:55

Instrument :
 BNA_F
 ClientSampled :
 P-6

Tot Ion: 82 Resp: 1013517
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.6 52.0
 54 53.6 39.5 59.3

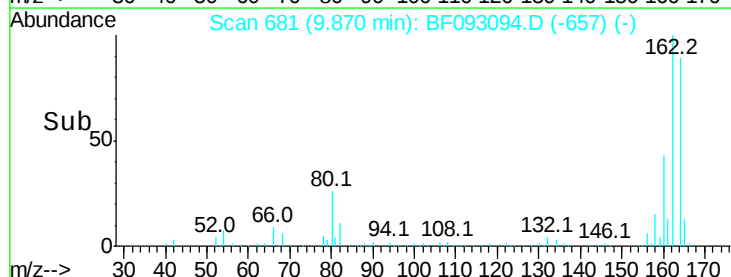
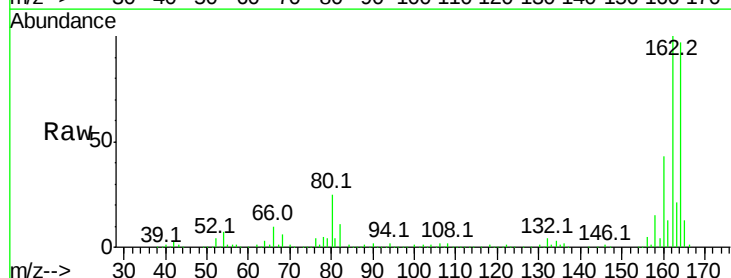
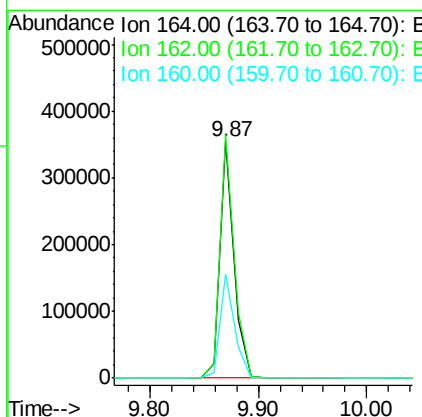
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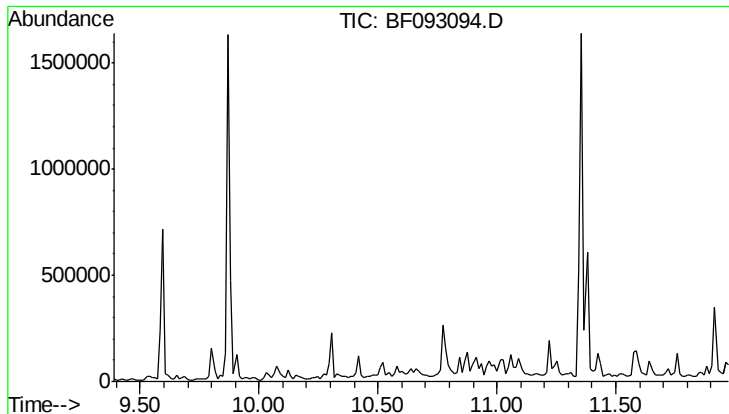
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093094.D
 Acq: 22 Feb 2017 23:55

Tgt Ion: 164 Resp: 320759
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.2 120.2
 160 44.0 36.9 55.3





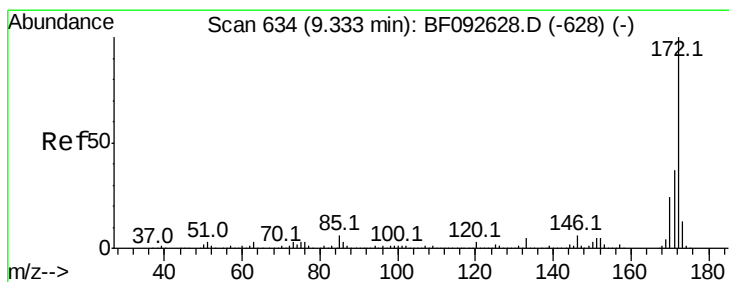
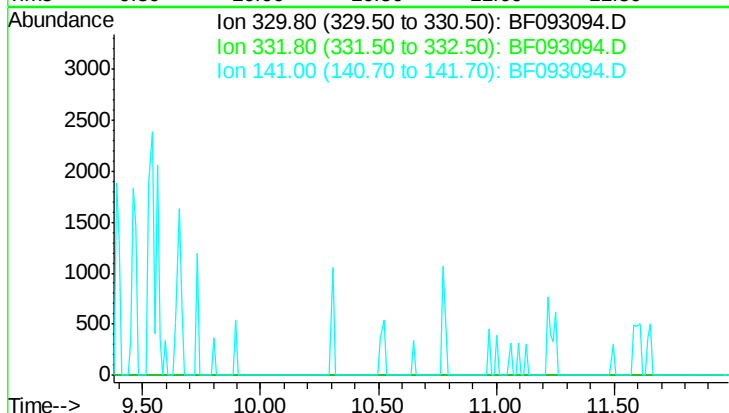
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093094.D
 Acq: 22 Feb 2017 23:55

Tot Ion	330	332	141
Exp Ratio	100	96.8	42.6

Instrument :
 BNA_F
 ClientSampleId :
 P-6

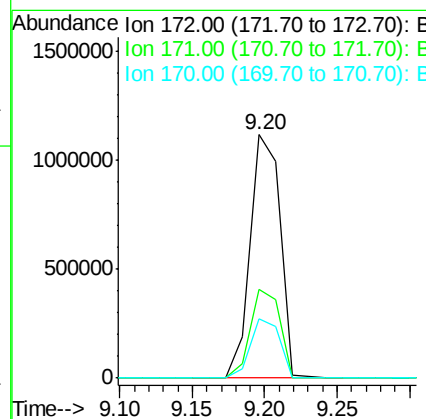
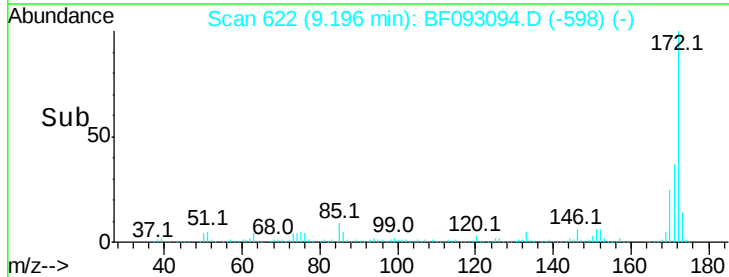
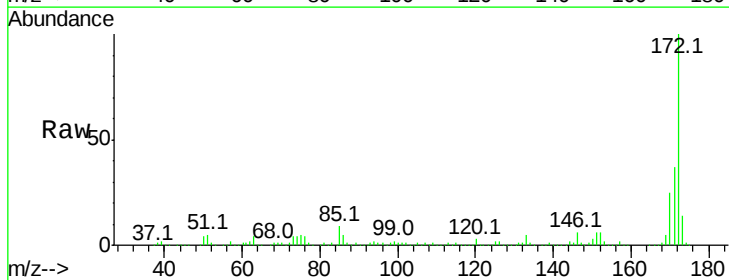
Manual Integrations
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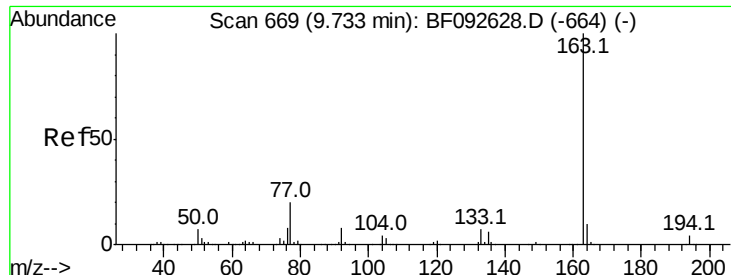
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#44
 2-Fluorobiphenyl
 Concen: 89.99 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093094.D
 Acq: 22 Feb 2017 23:55

Tgt Ion	172	Resp	Lower	Upper
Ion Ratio	100			
171	36.7	29.4	44.0	
170	24.6	20.2	30.4	





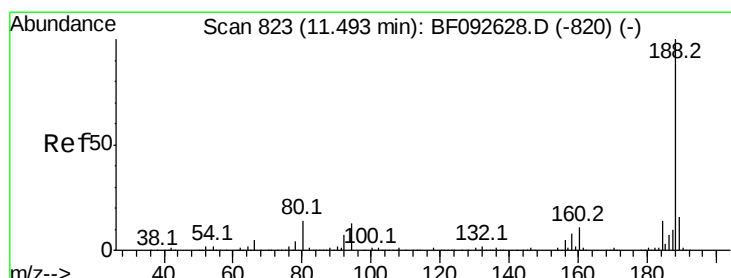
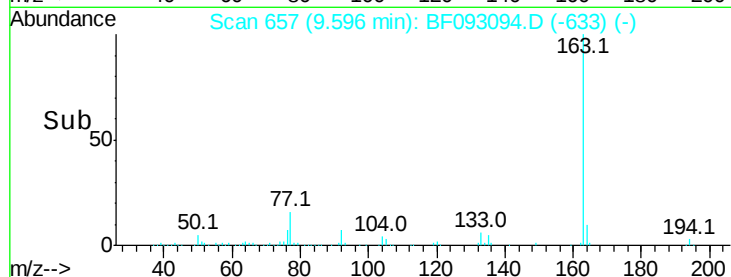
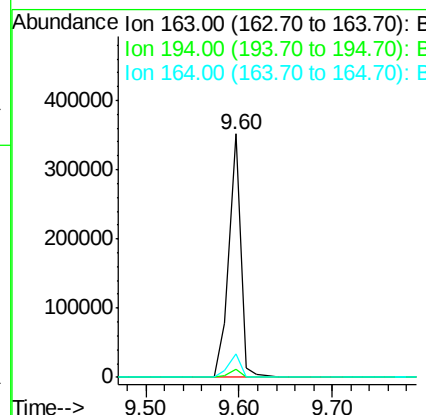
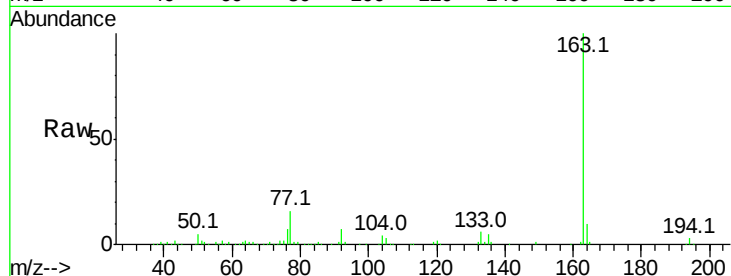
#49
Dimethylphthalate
Concen: 14.37 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Instrument :
BNA_F
ClientSampleId :
P-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	310506		
194	3.5		3.0	4.4
164	9.8		8.0	12.0

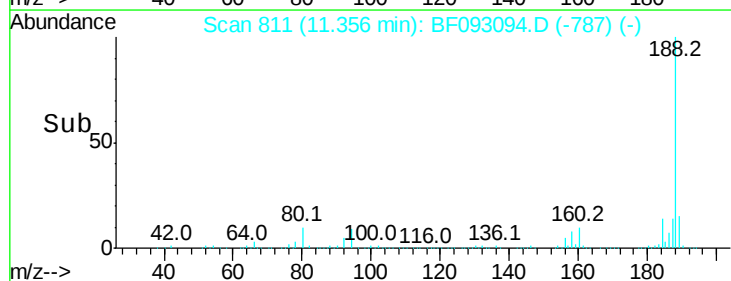
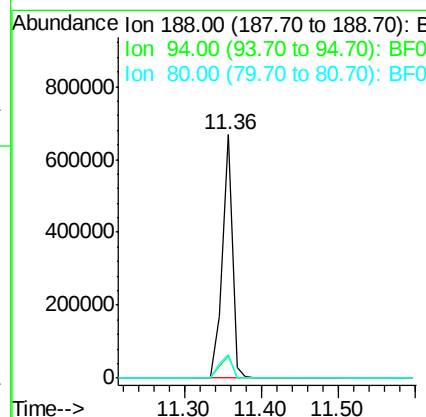
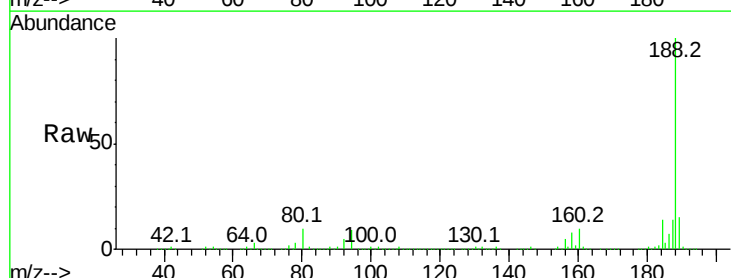
Manual Integrations
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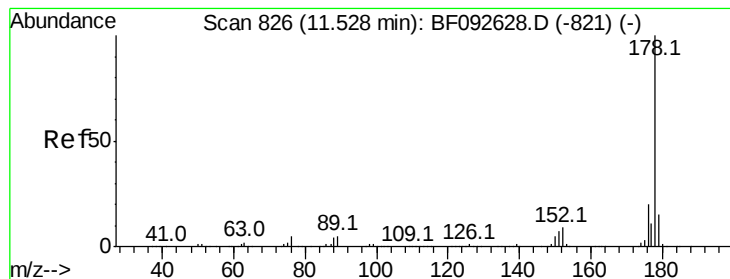
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	602614		
94	9.3		10.0	15.0#
80	9.8		11.2	16.8#





#70

Phenanthrene

Concen: 6.37 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF093094.D

Acq: 22 Feb 2017 23:55

Instrument :

BNA_F

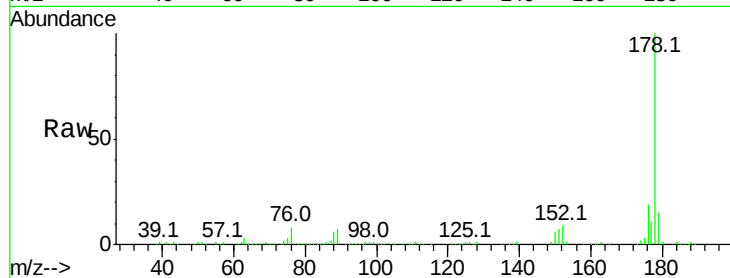
ClientSampleId :

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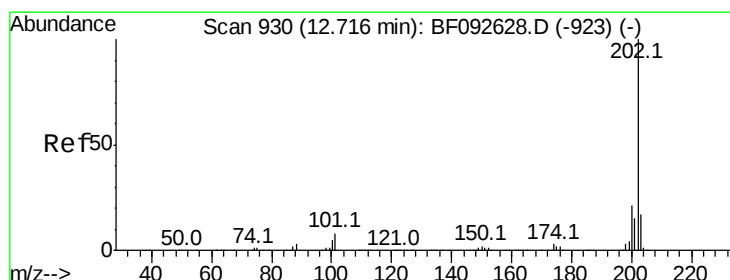
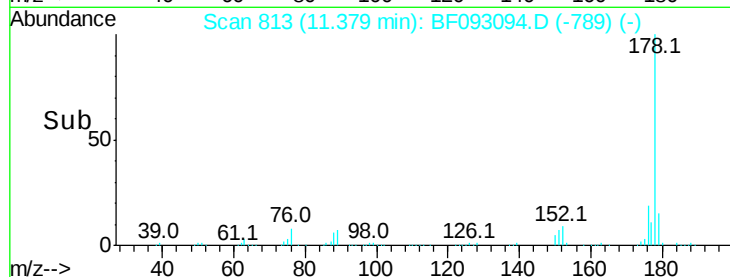
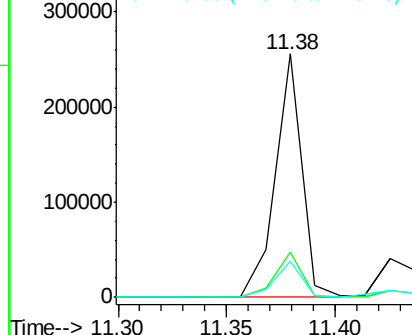
Tot Ion:	178	Resp:	220065
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.6	25.0
179	15.1	12.8	19.2

Manual Integrations
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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: 6.23 ng

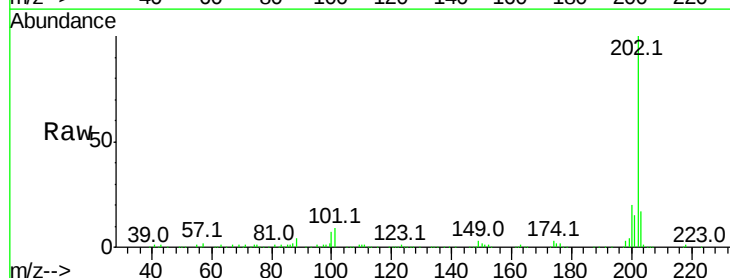
RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

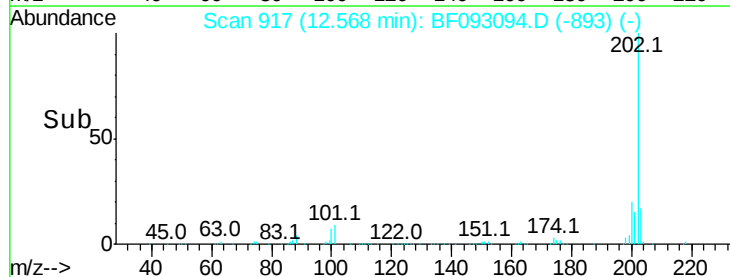
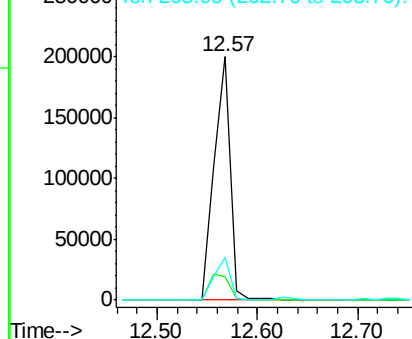
Lab File: BF093094.D

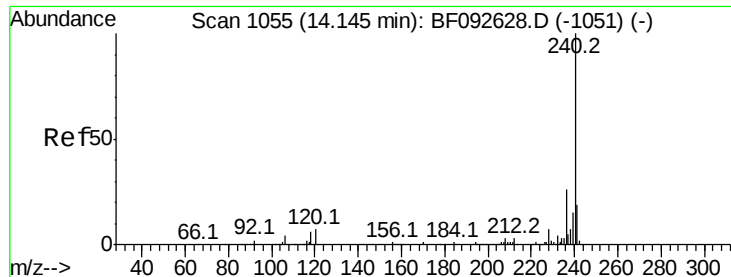
Acq: 22 Feb 2017 23:55

Tgt Ion:	202	Resp:	221804
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	34.6
203	17.3	0.0	38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





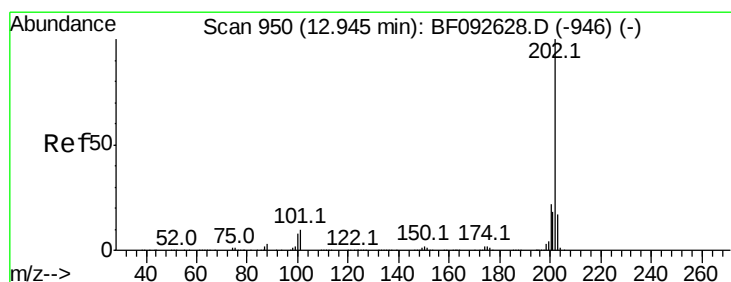
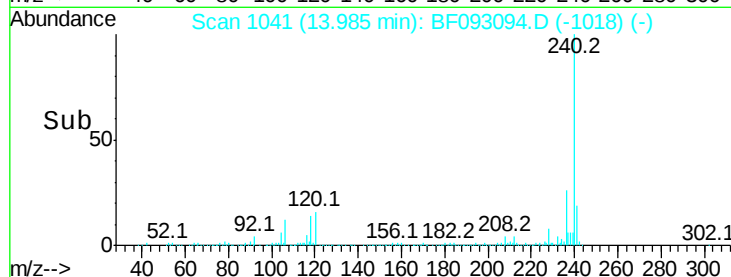
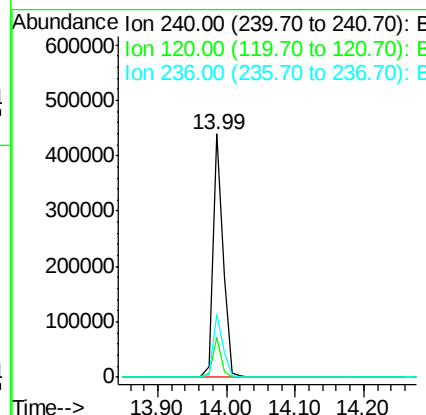
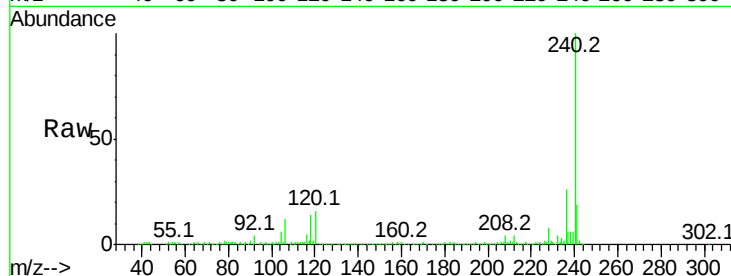
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	12.9	19.3
236	26.0	20.9	31.3

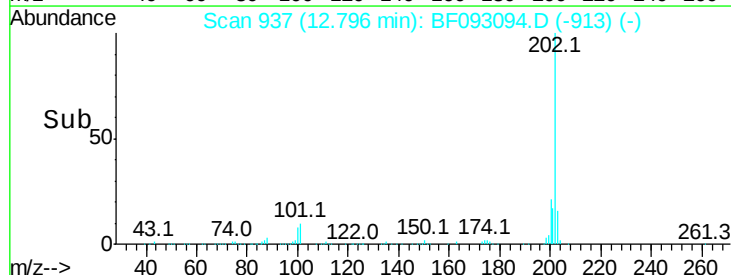
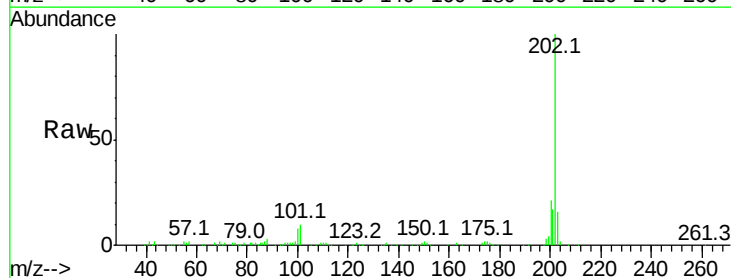
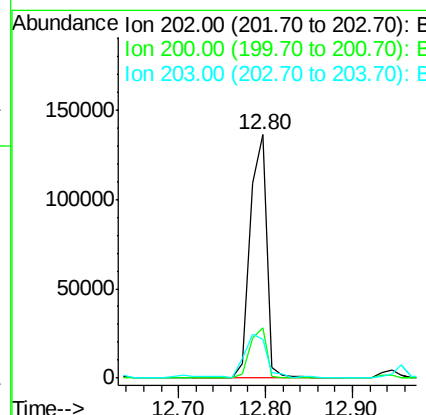
Manual Integrations
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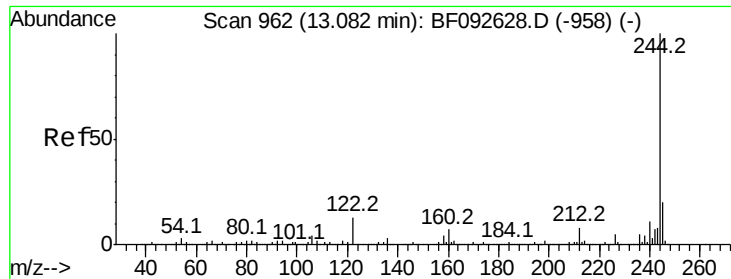
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#77
Pyrene
Concen: 5.40 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	16.1	14.7	22.1





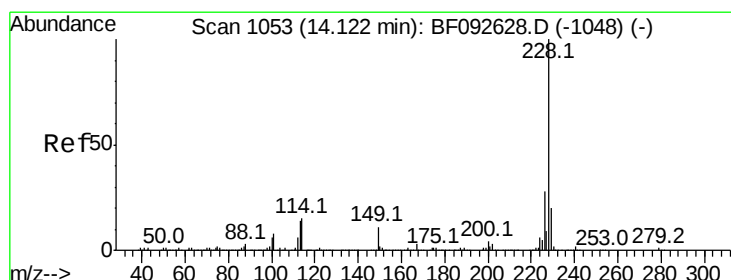
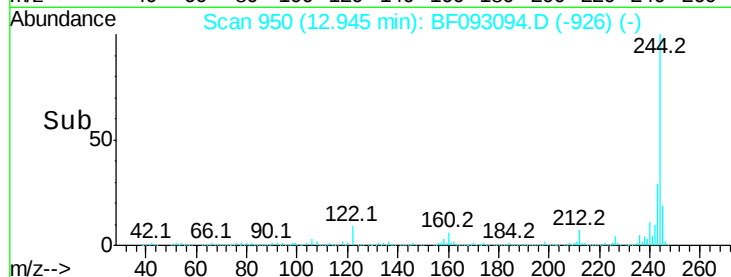
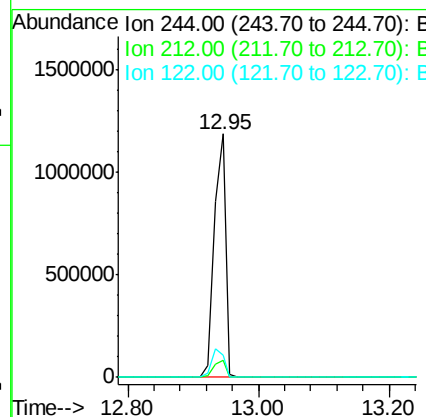
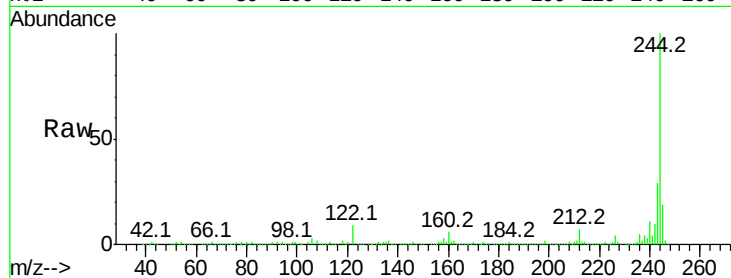
#78
 Terphenyl-d14
 Concen: 76.30 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093094.D
 Acq: 22 Feb 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	9.1	11.4	17.2#

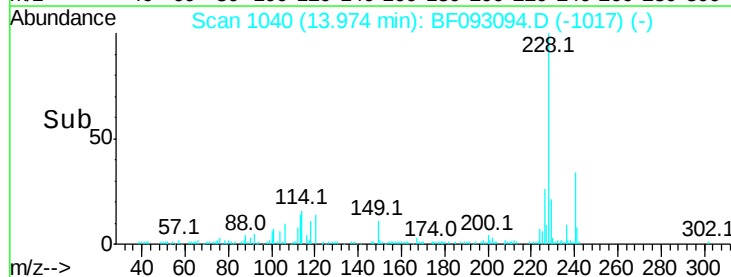
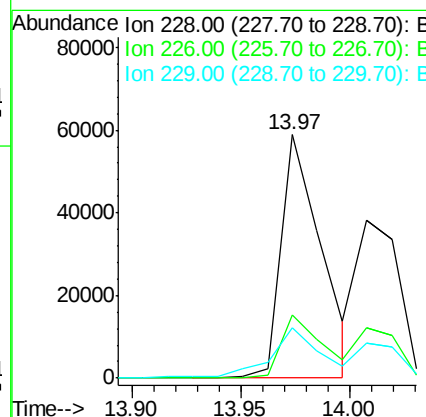
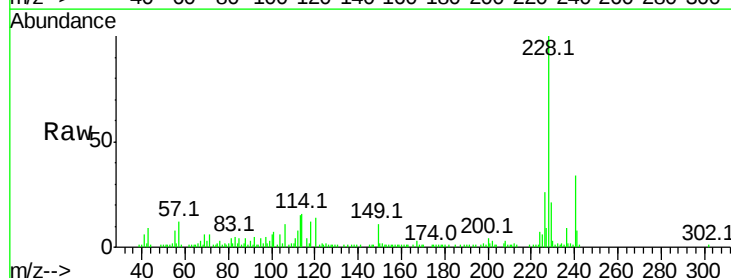
Manual Integrations
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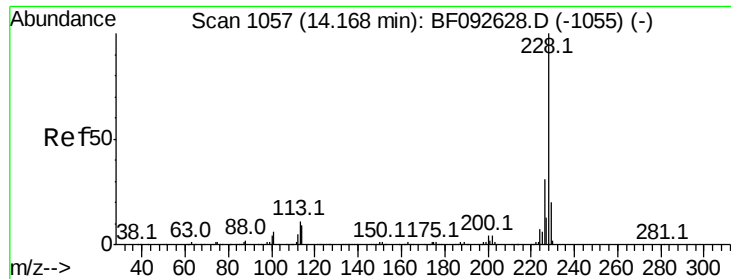
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.76 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF093094.D
 Acq: 22 Feb 2017 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.4	33.6
229	20.7	16.2	24.4





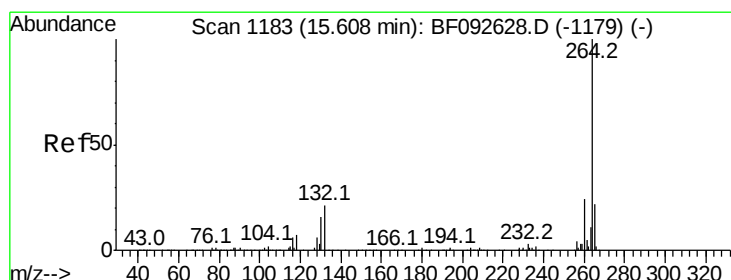
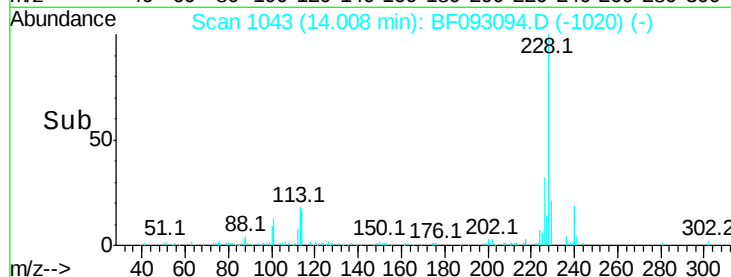
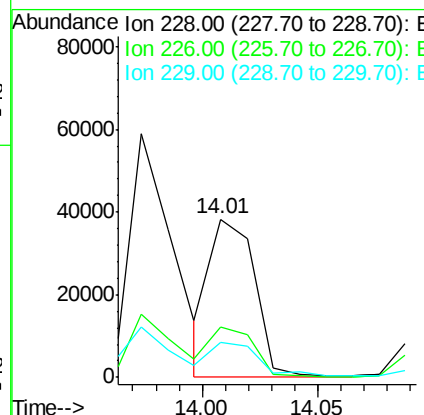
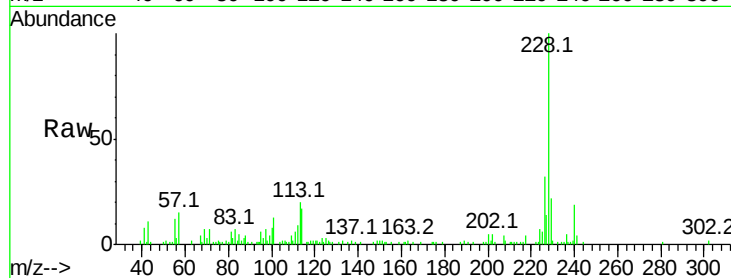
#82
Chrysene
Concen: 2.01 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Instrument :
BNA_F
ClientSampleId :
P-6

Tot Ion:	228	Resp:	51930
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.4	38.0
229	21.8	16.2	24.2

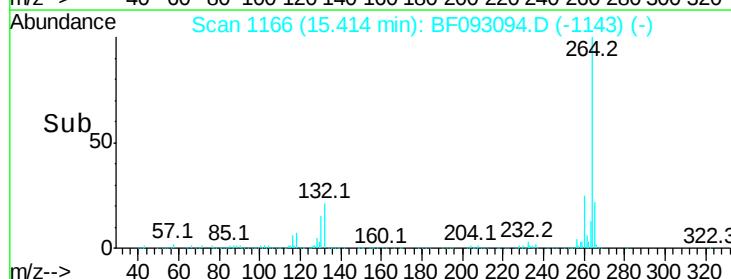
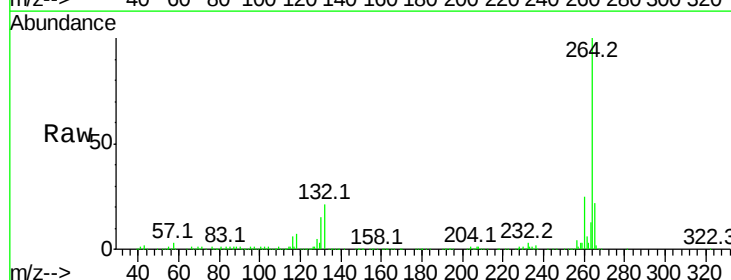
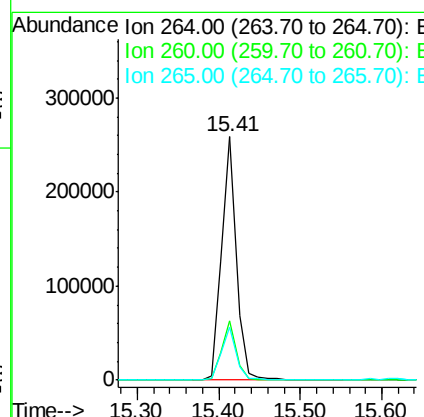
Manual Integrations
APPROVED

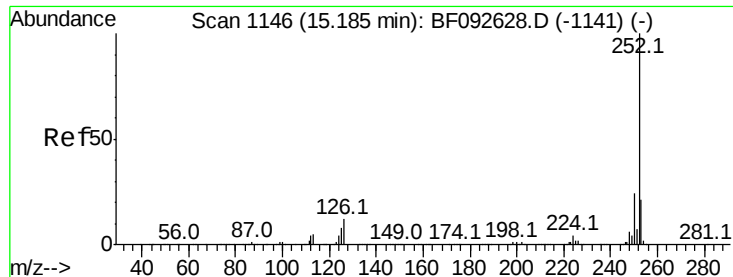
mohammad
2/23/2017 1:16:24 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Tgt Ion:	264	Resp:	326147
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.9	17.4	26.0





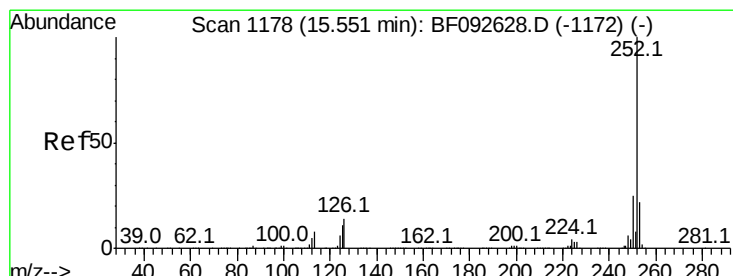
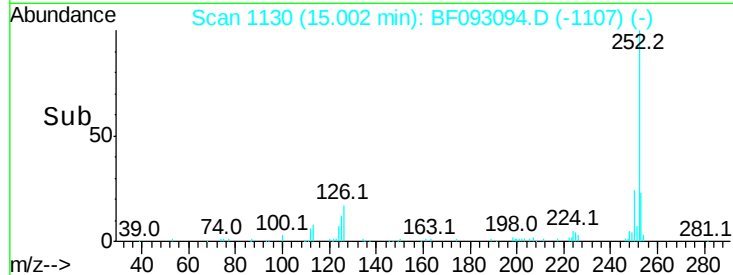
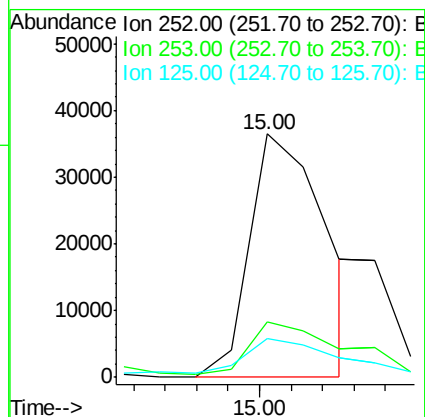
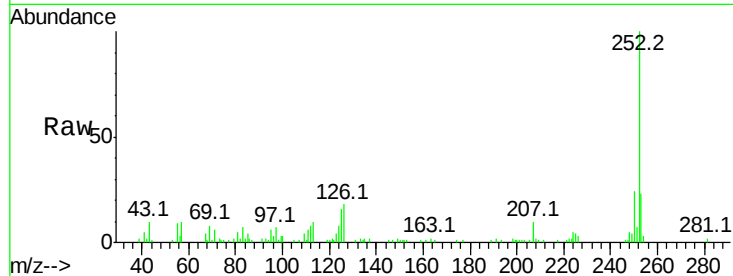
#87
Benzo(b)fluoranthene
Concen: 2.87 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Instrument :
BNA_F
ClientSampled :
P-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	15.8	9.8	14.6

Manual Integrations
APPROVED

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#89
Benzo(a)pyrene
Concen: 2.09 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093094.D
Acq: 22 Feb 2017 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.3	10.0	15.0

