

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093311.D
 Acq On : 2 Mar 2017 1:24
 Operator : SJ/MA
 Sample : I1995-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U-1

Manual Integrations
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mohammad
 3/2/2017 1:43:00 PM

Quant Time: Mar 02 11:59:16 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	6.81	152	120744	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	442376	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	184079	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	290775	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	293747	20.00	ng	-0.05
86) Perylene-d12	15.40	264	241745	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	49521	7.04	ng	-0.05
7) Phenol-d6	6.45	99	312134	34.47	ng	-0.03
23) Nitrobenzene-d5	7.38	82	266477	33.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	812	0.61	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	450585	44.35	ng	-0.05
78) Terphenyl-d14	12.91	244	326589	26.12	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.56	163	137392	11.08	ng	Qvalue 98
70) Phenanthrene	11.36	178	71739	4.31	ng	98
74) Fluoranthene	12.55	202	115877	6.74	ng	95
77) Pyrene	12.77	202	105948	4.82	ng	98
80) Benzo(a)anthracene	13.96	228	52301	2.91	ng	93
82) Chrysene	14.00	228	57796m	3.44	ng	
87) Benzo(b)fluoranthene	14.99	252	56121m	3.53	ng	
88) Benzo(k)fluoranthene	15.00	252	28057m	2.04	ng	
89) Benzo(a)pyrene	15.35	252	41750	3.03	ng	# 78
91) Benzo(g,h,i)perylene	17.23	276	23008	2.05	ng	# 76

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

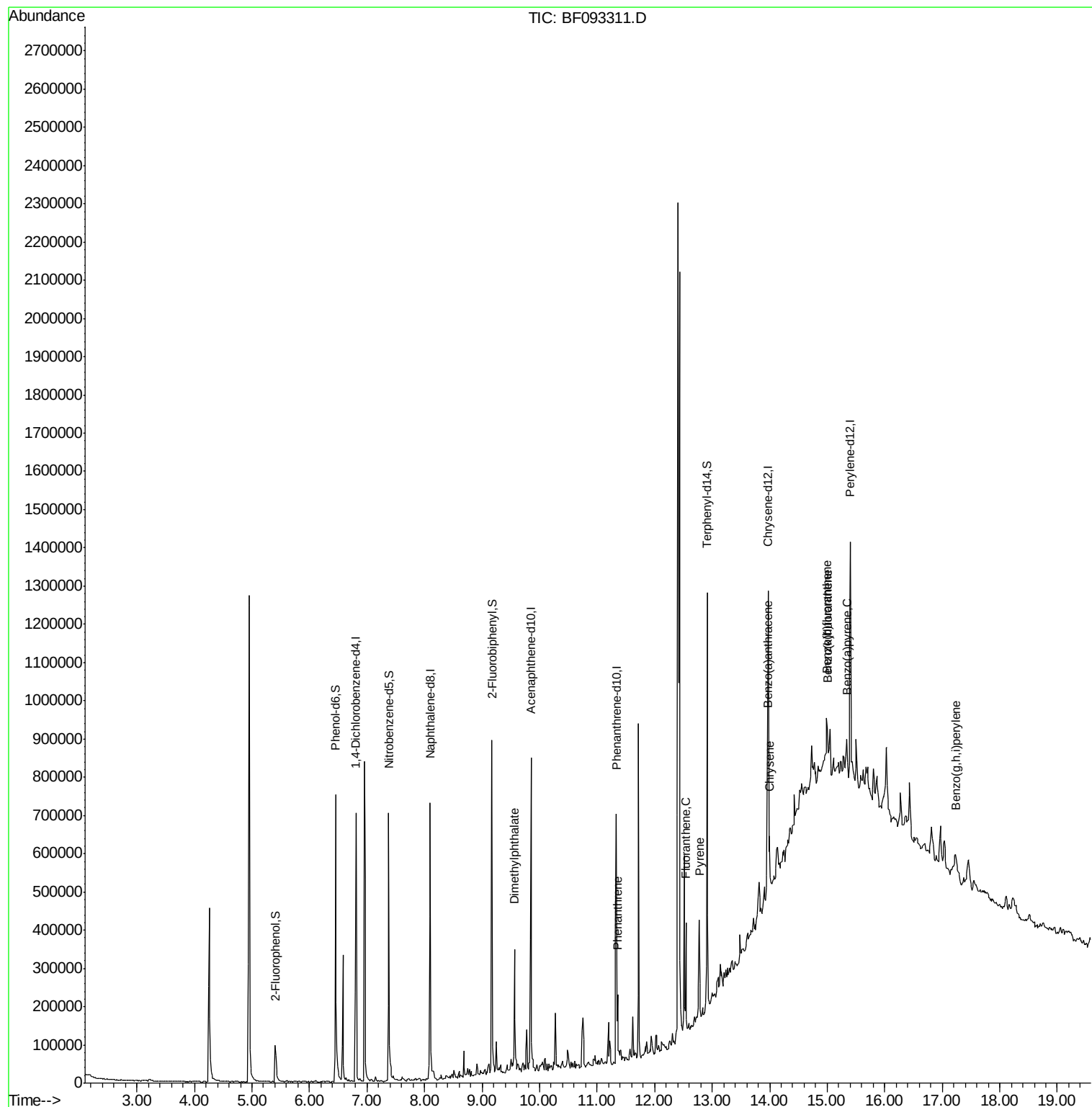
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093311.D
Acq On : 2 Mar 2017 1:24
Operator : SJ/MA
Sample : I1995-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

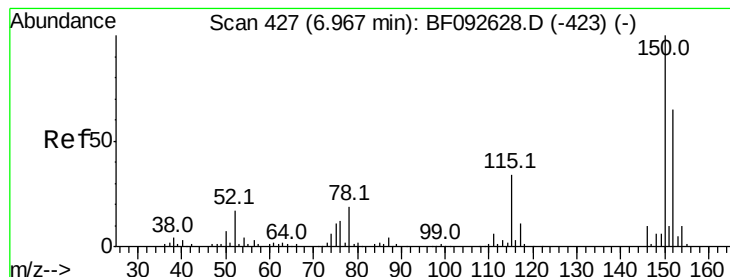
Instrument :
BNA_F
ClientSampleId :
U-1

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#1

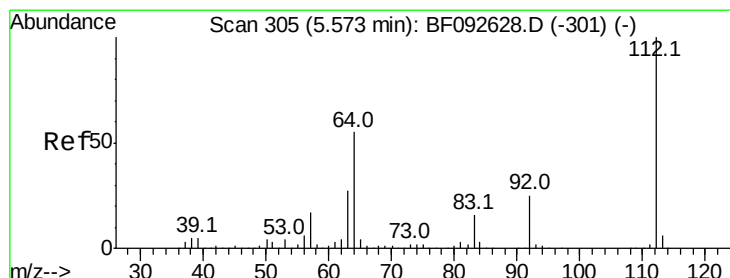
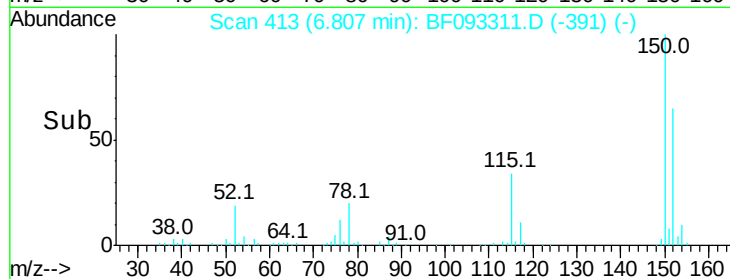
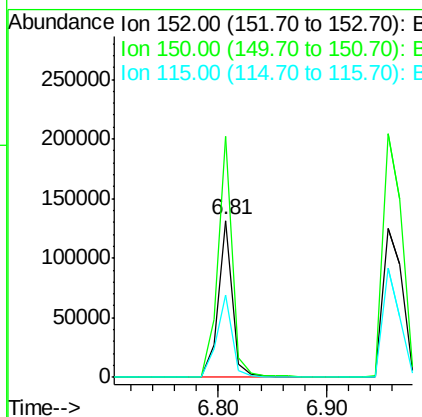
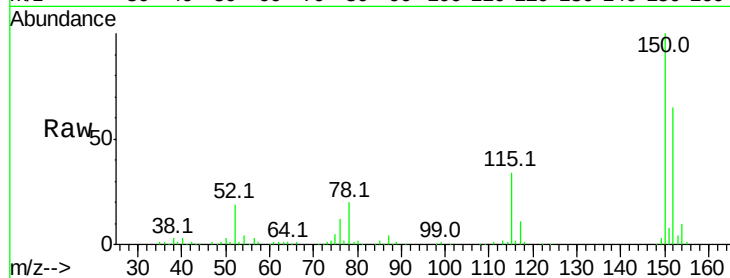
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Instrument :
BNA_F
ClientSampled :
U-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.9	187.3
115	52.9	46.0	69.0

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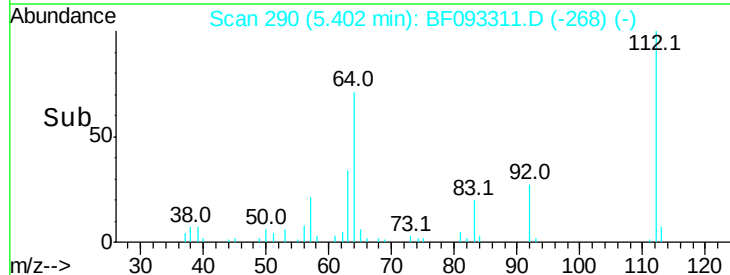
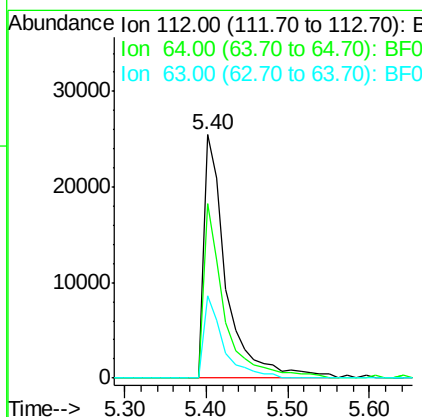
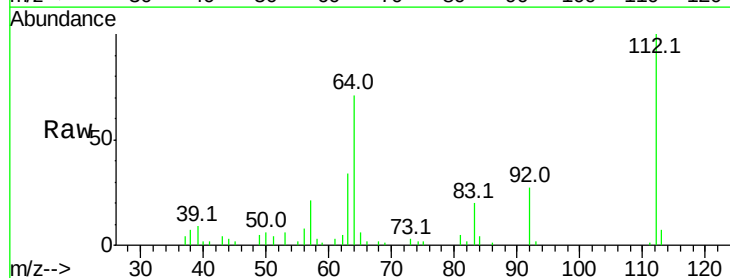
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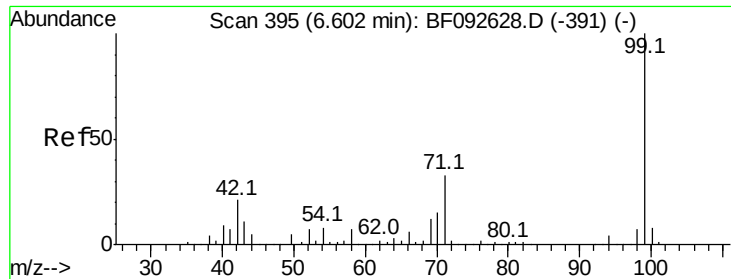


#5

2-Fluorophenol
Concen: 7.04 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	46.1	69.1#
63	34.0	23.8	35.6





#7

Phenol-d6

Concen: 34.47 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

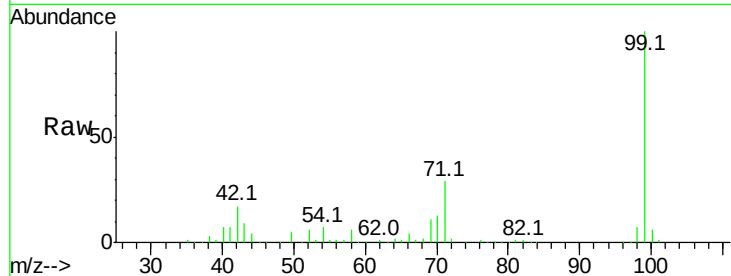
ClientSampled :

U-1

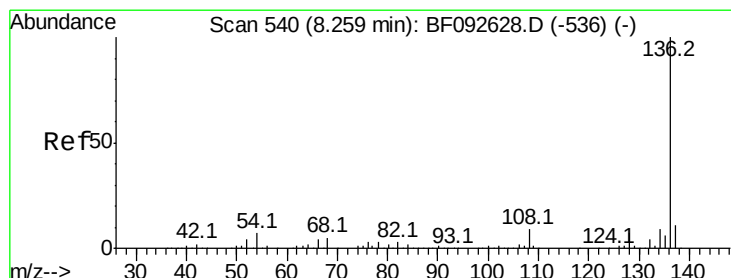
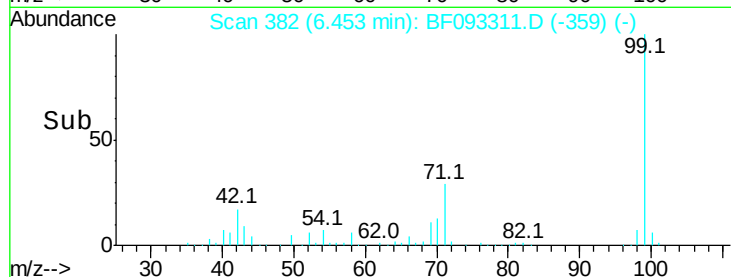
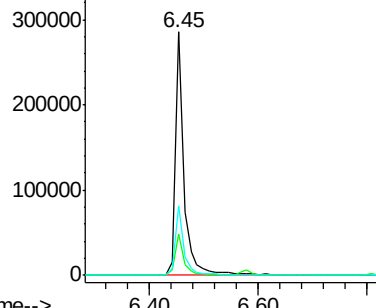
Tot Ion:	99	Resp:	312134
Ion Ratio	Lower	Upper	
99	100		
42	17.0	15.6	23.4
71	28.8	27.5	41.3

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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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

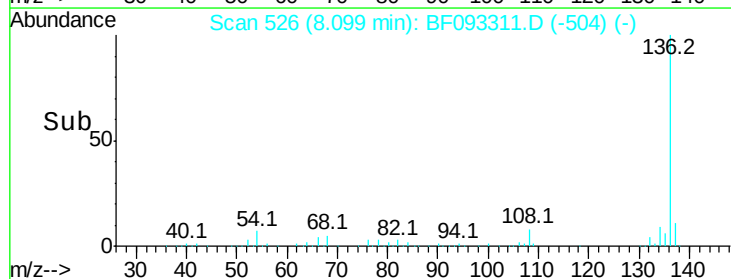
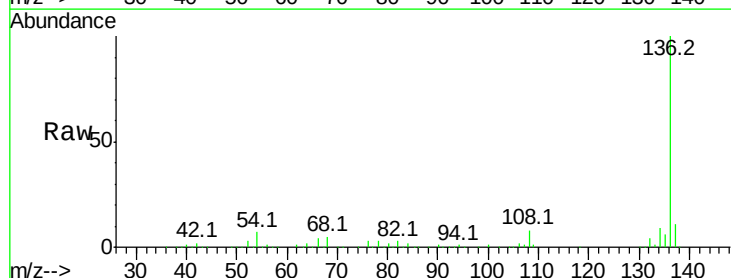
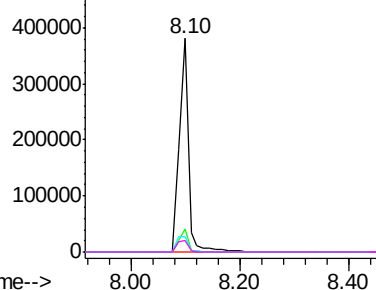
Delta R.T. -0.05 min

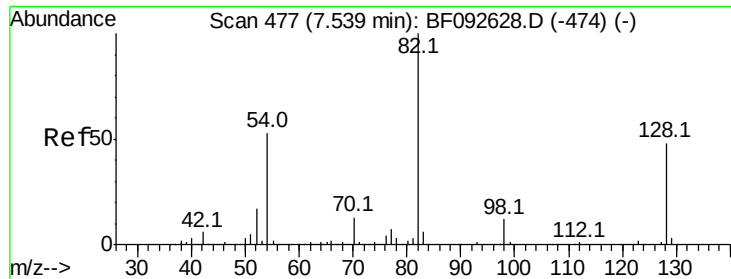
Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Tgt Ion:	136	Resp:	442376
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	7.4	4.5	6.7#
68	5.4	3.6	5.4#

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





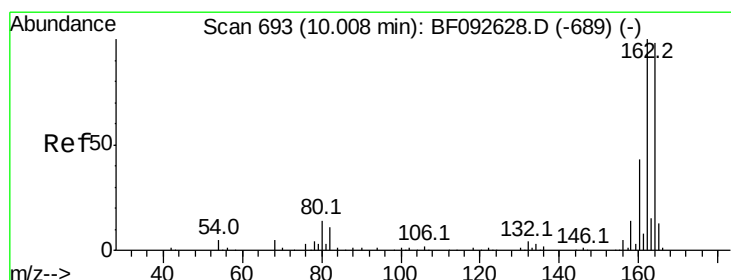
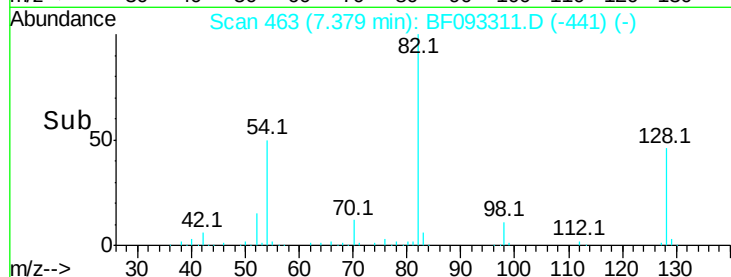
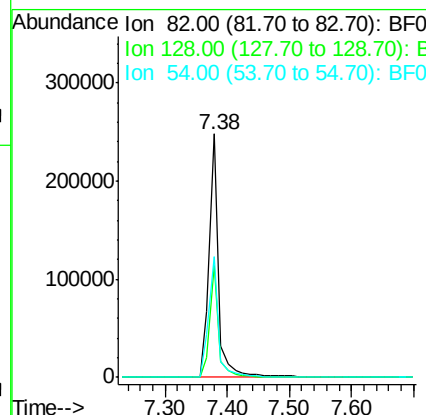
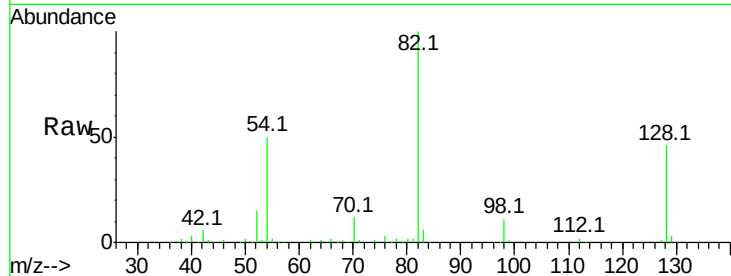
#23
 Nitrobenzene-d5
 Concen: 33.54 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 U-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	266477		
128	45.9	34.6	52.0	
54	49.8	39.5	59.3	

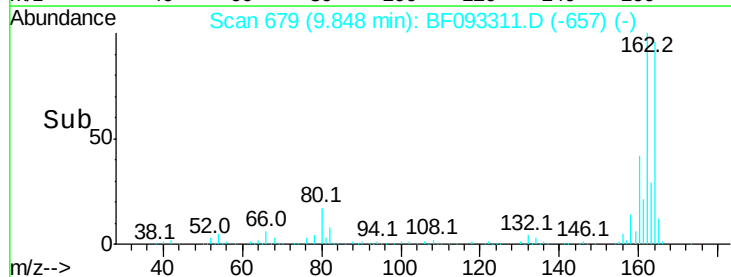
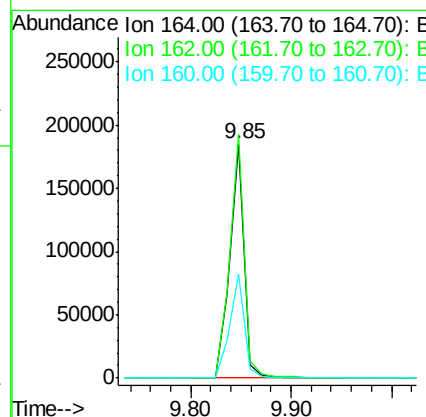
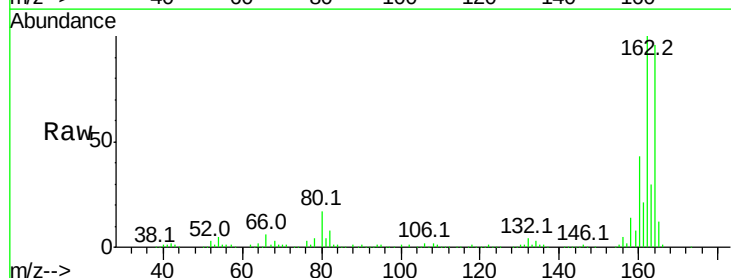
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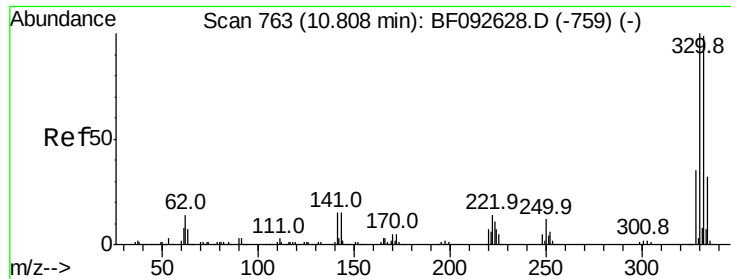
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184079		
162	104.2	80.2	120.2	
160	44.5	36.9	55.3	





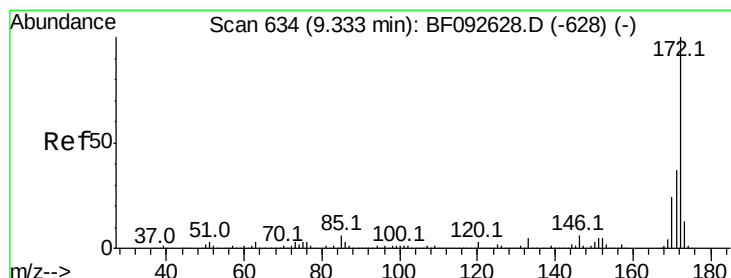
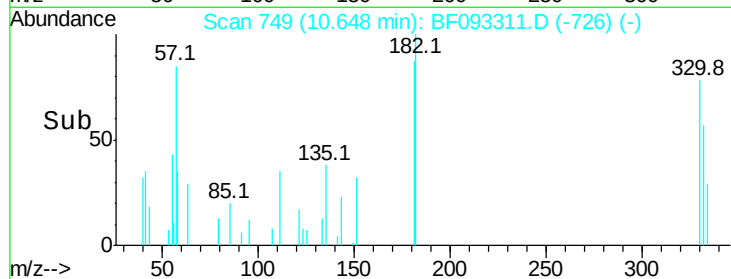
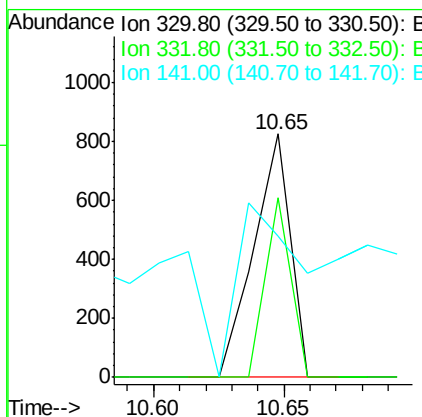
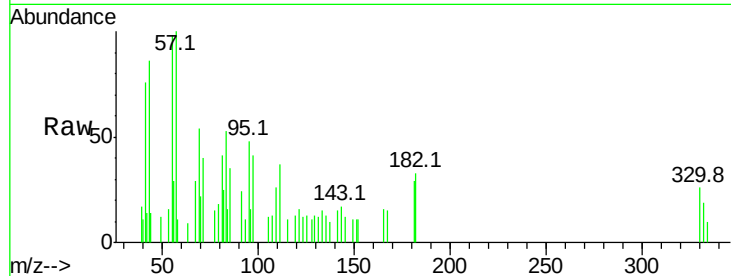
#41
 2,4,6-Tribromophenol
 Concen: 0.61 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Instrument :
 BNA_F
 ClientSampled :
 U-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	51.6	77.4	116.2#
141	120.3	34.1	51.1#

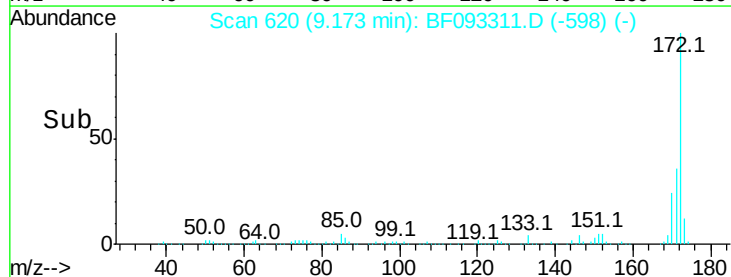
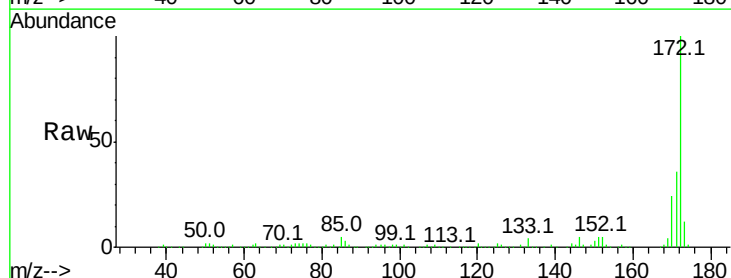
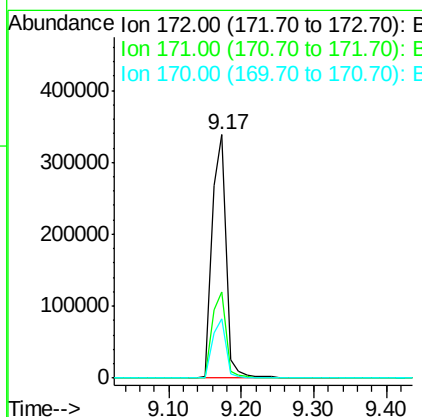
Manual Integrations
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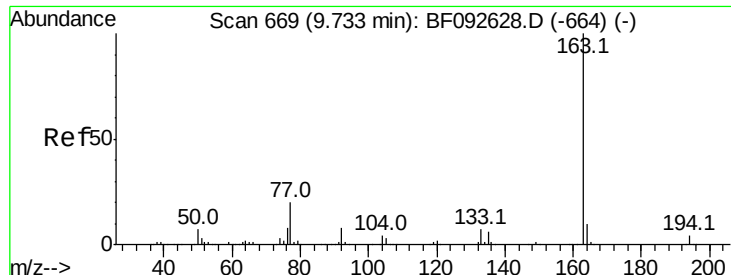
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#44
 2-Fluorobiphenyl
 Concen: 44.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.1	20.2	30.4





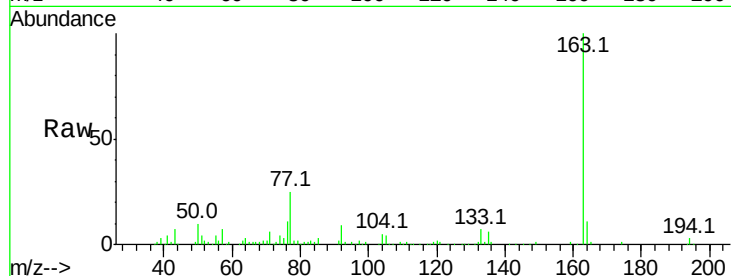
#49
Dimethylphthalate
Concen: 11.08 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Instrument :
BNA_F
ClientSampled :
U-1

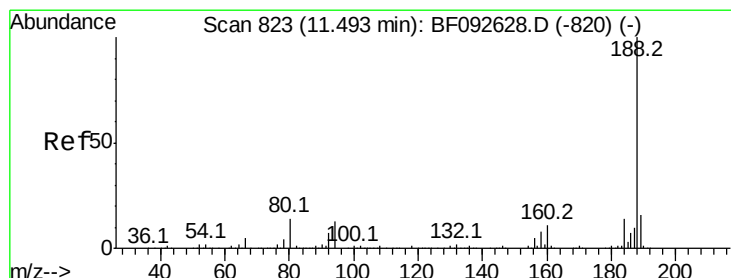
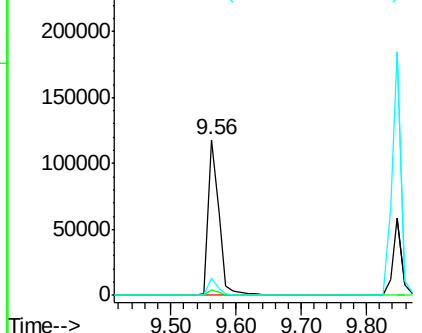
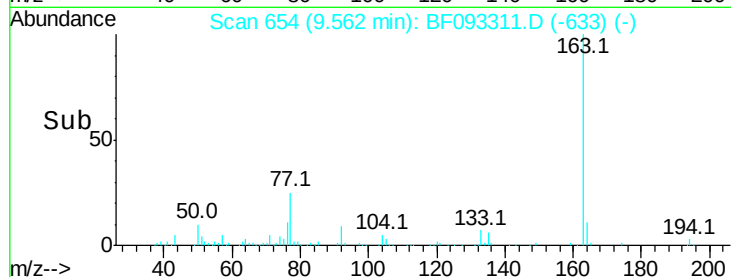
Tot Ion	Ratio	Resp	Lower	Upper
163	100	137392		
194	3.2		3.0	4.4
164	10.7		8.0	12.0

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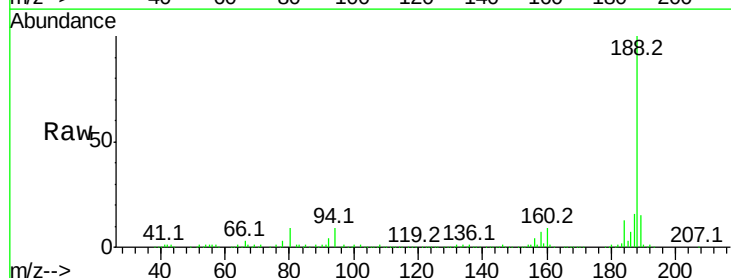


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

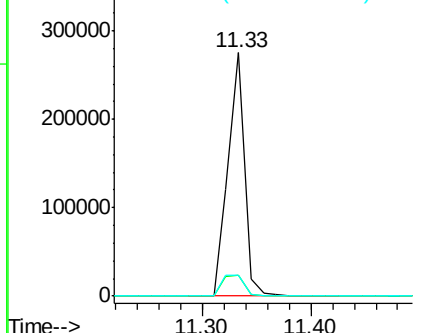
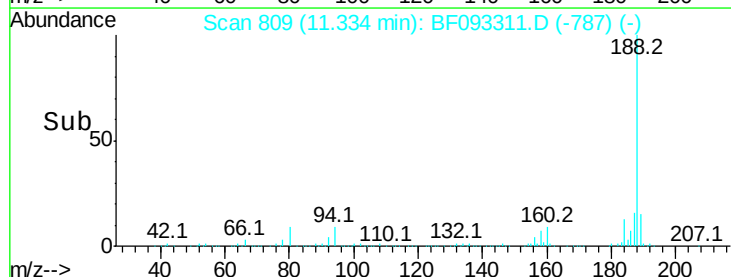


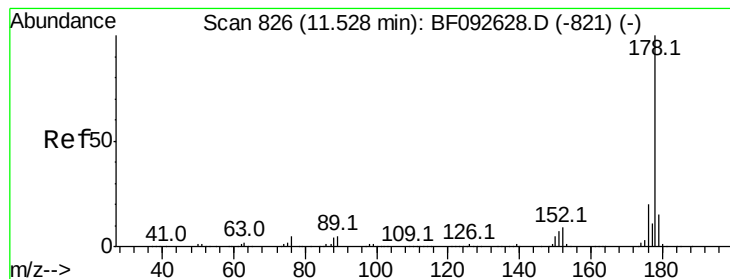
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	290775		
94	8.6		10.0	15.0#
80	8.8		11.2	16.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.31 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

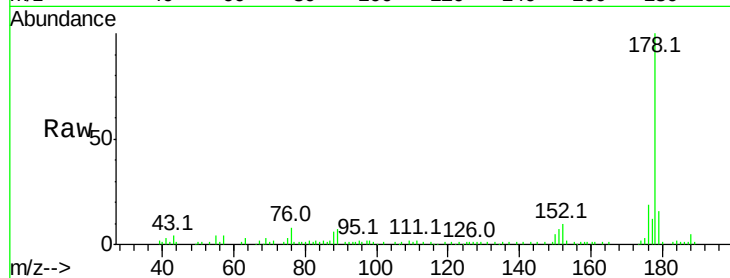
ClientSampled :

U-1

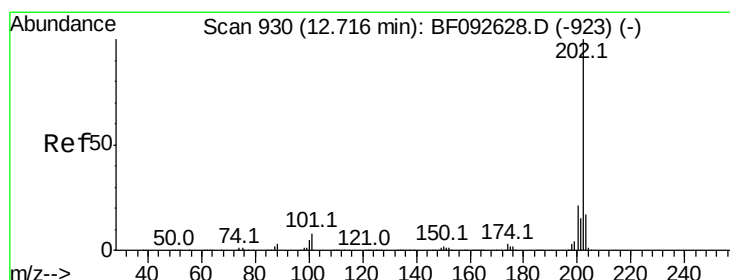
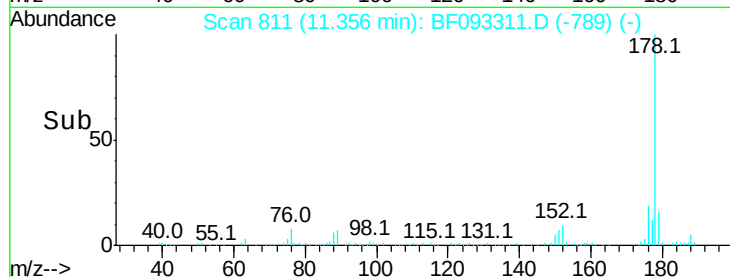
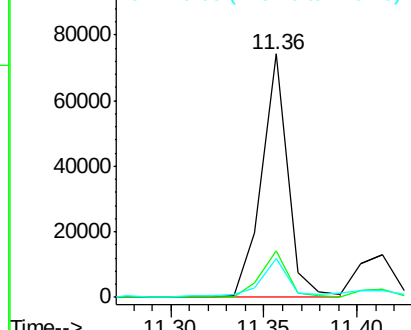
Tot Ion:	178	Resp:	71739
Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	16.2	12.8	19.2

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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: 6.74 ng

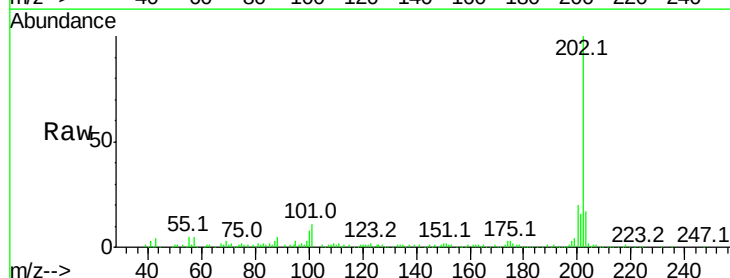
RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

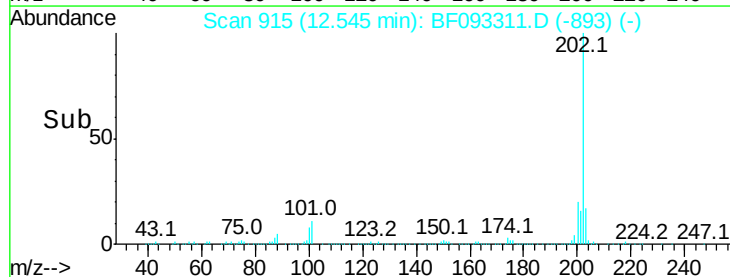
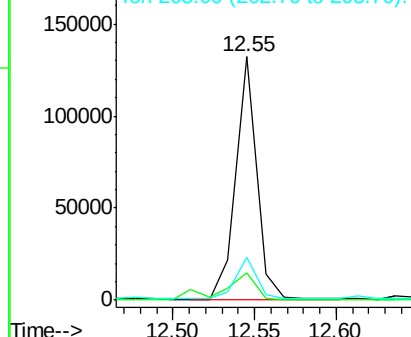
Lab File: BF093311.D

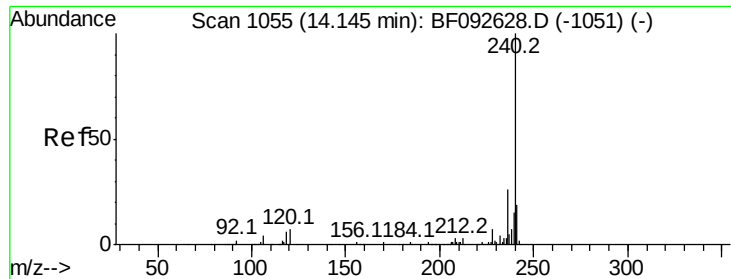
Acq: 2 Mar 2017 1:24

Tgt Ion:	202	Resp:	115877
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.6
203	17.5	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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

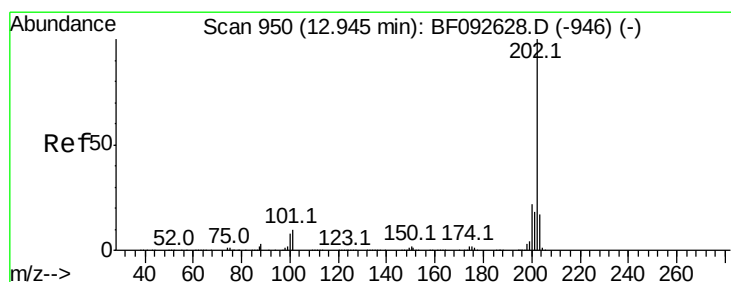
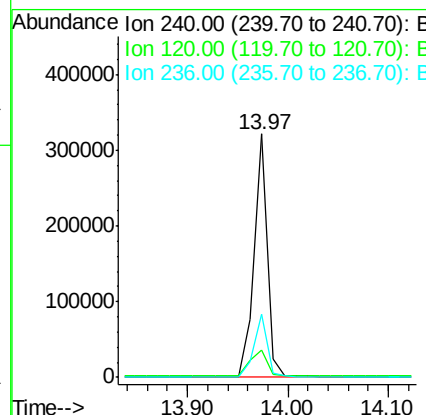
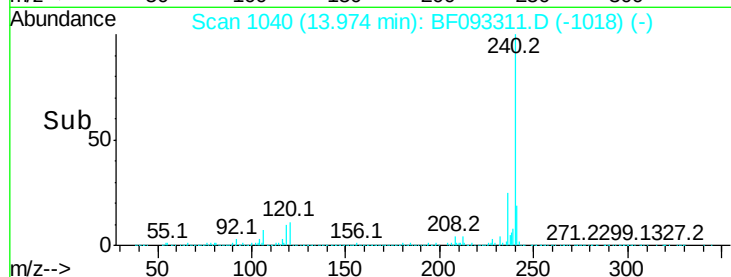
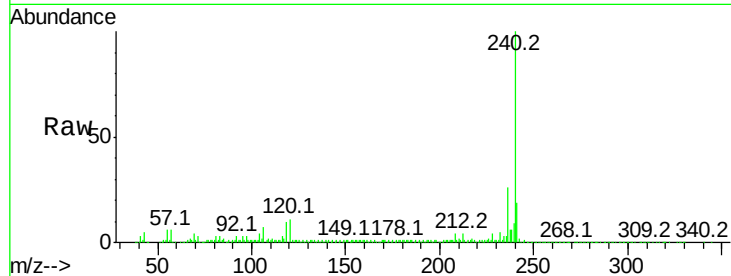
ClientSampleId :

U-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.8	20.9	31.3

Manual Integrations
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#77

Pyrene

Concen: 4.82 ng

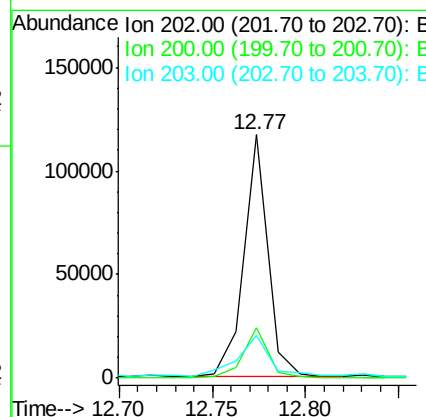
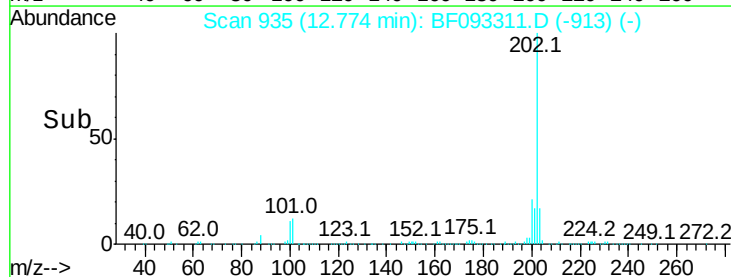
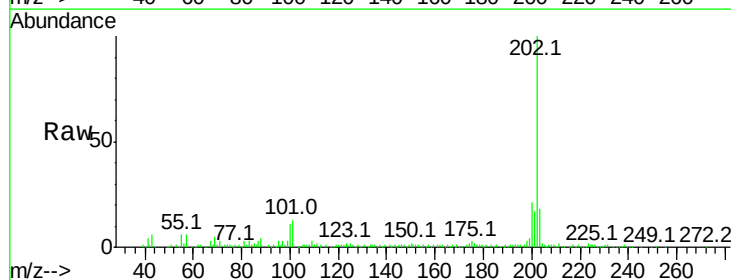
RT: 12.77 min Scan# 935

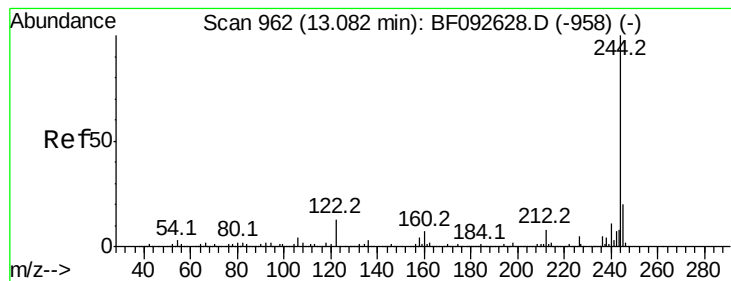
Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.6	14.7	22.1





#78

Terphenyl-d14

Concen: 26.12 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

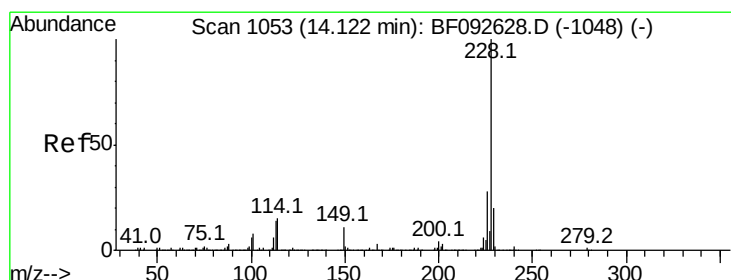
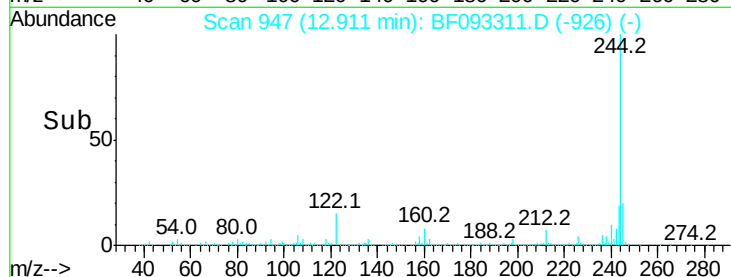
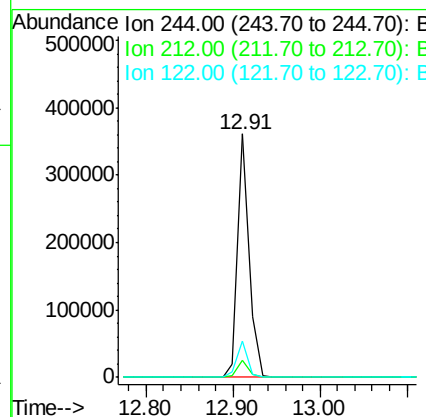
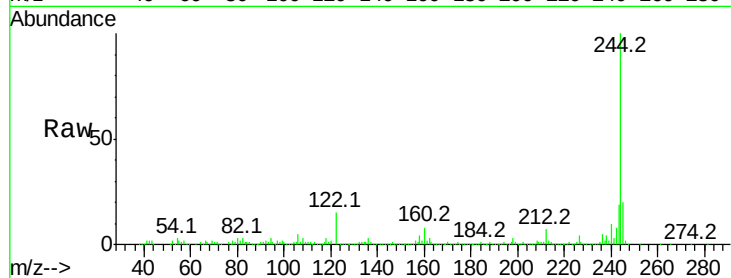
ClientSampleId :

U-1

Tot Ion:	244	Resp:	326589
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.2	9.2
122	14.9	11.4	17.2

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#80

Benzo(a)anthracene

Concen: 2.91 ng

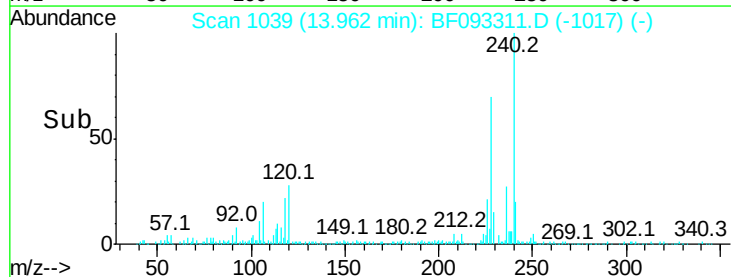
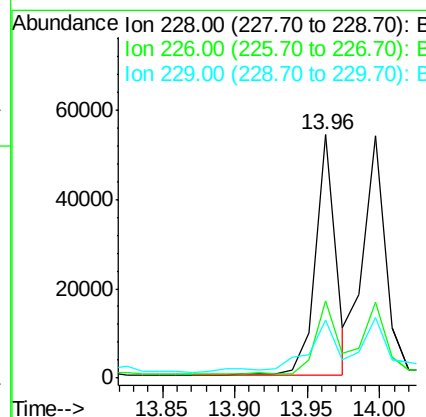
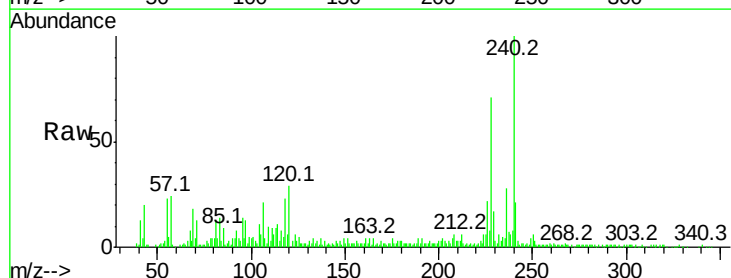
RT: 13.96 min Scan# 1039

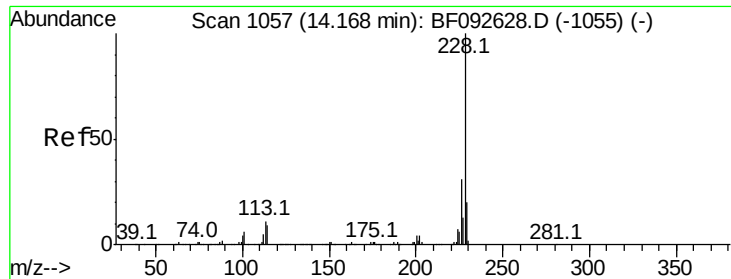
Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Tgt Ion:	228	Resp:	52301
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.4	33.6
229	23.7	16.2	24.4





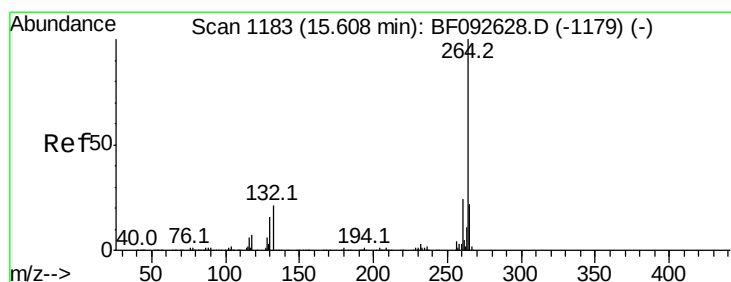
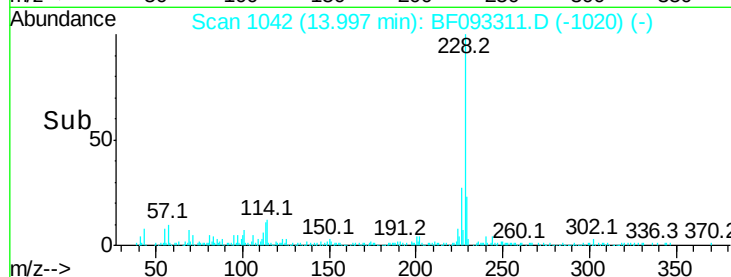
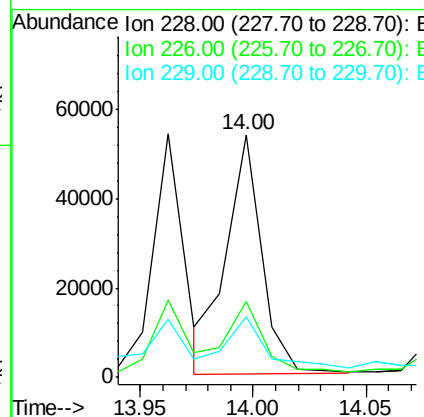
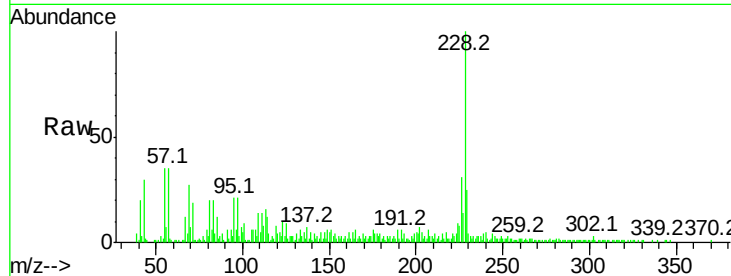
#82
Chrysene
Concen: 3.44 ng/ml
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Instrument :
BNA_F
ClientSampleId :
U-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	25.1	16.2	24.2

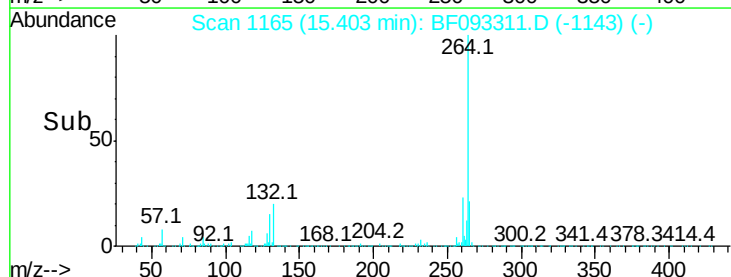
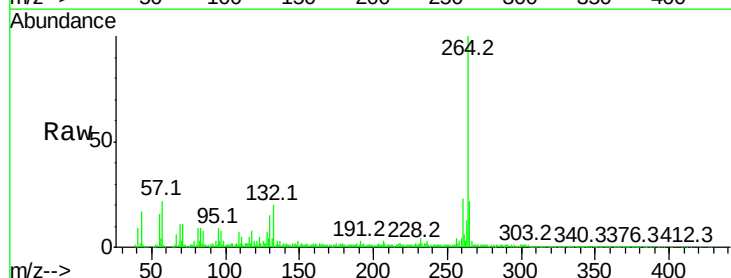
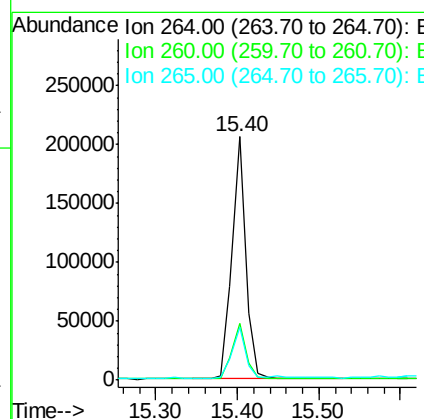
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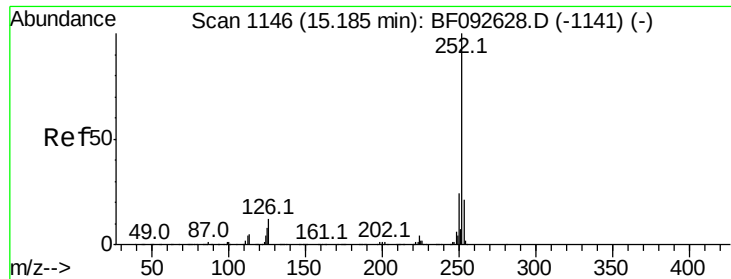
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.4	26.0





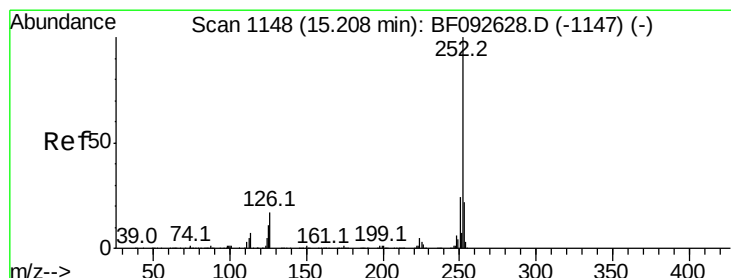
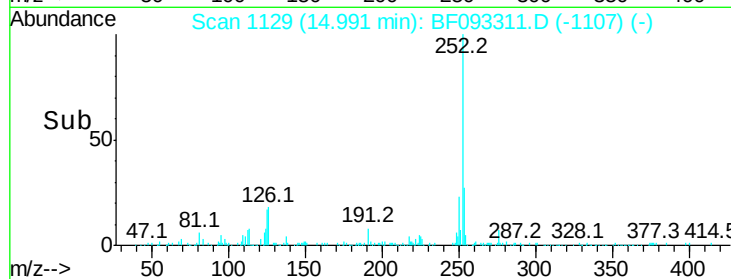
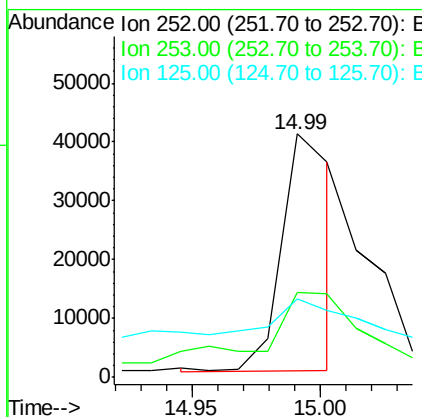
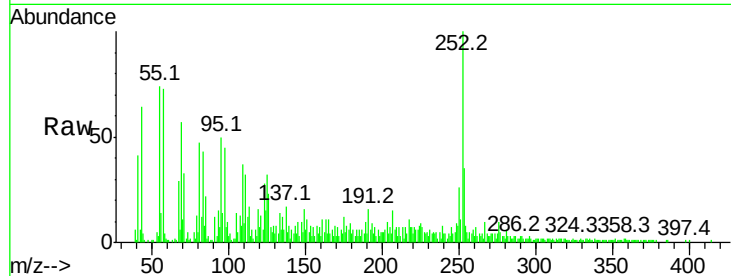
#87
Benzo(b)fluoranthene
Concen: 3.53 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Instrument :
BNA_F
ClientSampleId :
U-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.9	18.2	27.4#
125	32.2	9.8	14.6#

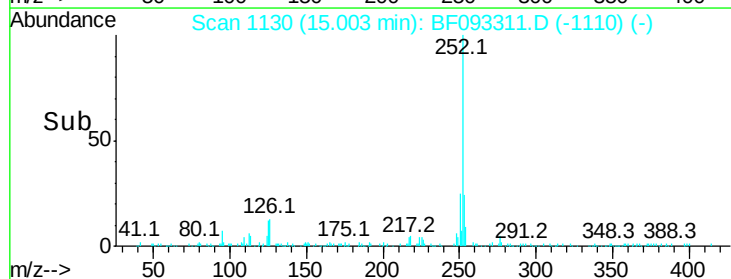
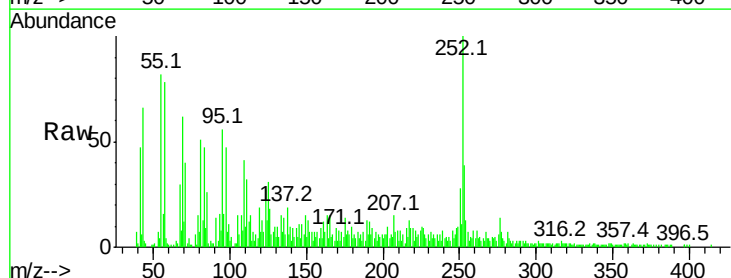
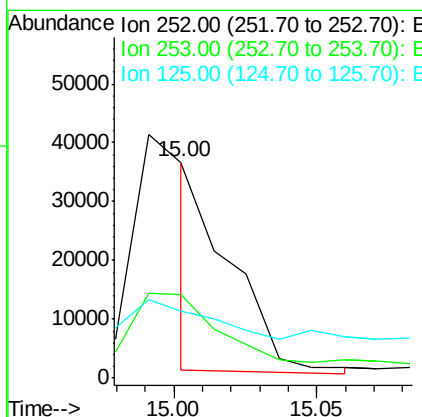
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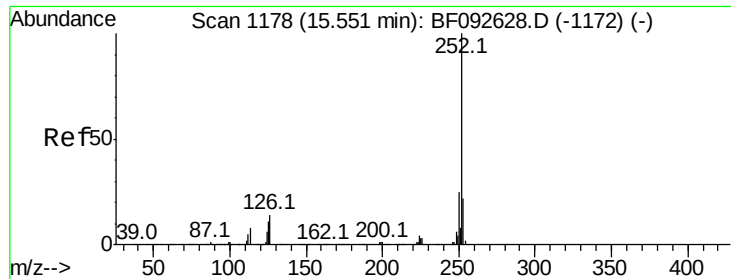
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.04 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.1	18.5	27.7#
125	30.9	8.9	13.3#





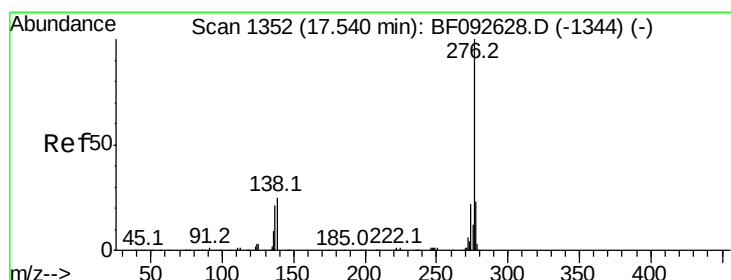
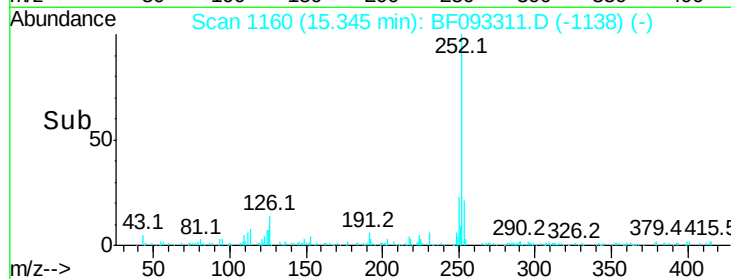
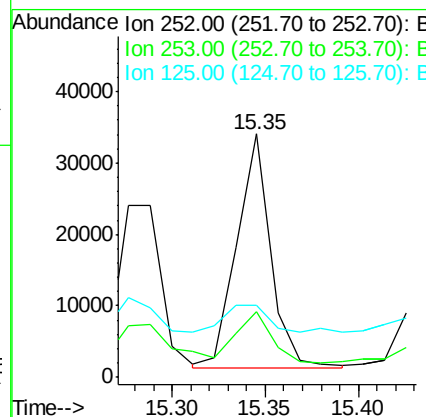
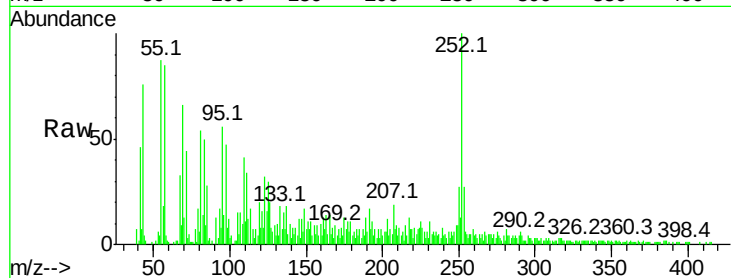
#89
Benzo(a)pyrene
Concen: 3.03 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Instrument :
BNA_F
ClientSampleId :
U-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	29.7	10.0	15.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.05 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.5	19.2	28.8
138	34.6	16.0	24.0

