

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094988.D
 Acq On : 8 May 2017 19:32
 Operator : SJ/MA
 Sample : I2947-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Manual Integrations
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Quant Time: May 09 02:08:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	94096	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	393048	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	197131	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	305554	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	243540	20.00	ng	-0.02
86) Perylene-d12	20.30	264	213407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	667652	118.30	ng	-0.02
7) Phenol-d6	7.25	99	748523	110.53	ng	-0.03
23) Nitrobenzene-d5	8.61	82	444637	71.34	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	162604	100.72	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	825598	60.28	ng	-0.02
78) Terphenyl-d14	17.29	244	571107	51.65	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.27	94	15861	2.22	ng	82
49) Dimethylphthalate	12.20	163	164902	10.19	ng	98
74) Fluoranthene	16.75	202	88839	4.93	ng	99
77) Pyrene	17.05	202	91955	5.05	ng	99
80) Benzo(a)anthracene	18.62	228	49468	3.49	ng	92
82) Chrysene	18.67	228	65912	4.81	ng	98
85) Indeno(1,2,3-cd)pyrene	21.60	276	35844	3.22	ng	98
87) Benzo(b)fluoranthene	19.89	252	83645m	6.34	ng	
88) Benzo(k)fluoranthene	19.92	252	31733m	2.49	ng	
89) Benzo(a)pyrene	20.25	252	59730	4.91	ng	99
91) Benzo(g,h,i)perylene	21.98	276	38373	3.89	ng	95

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

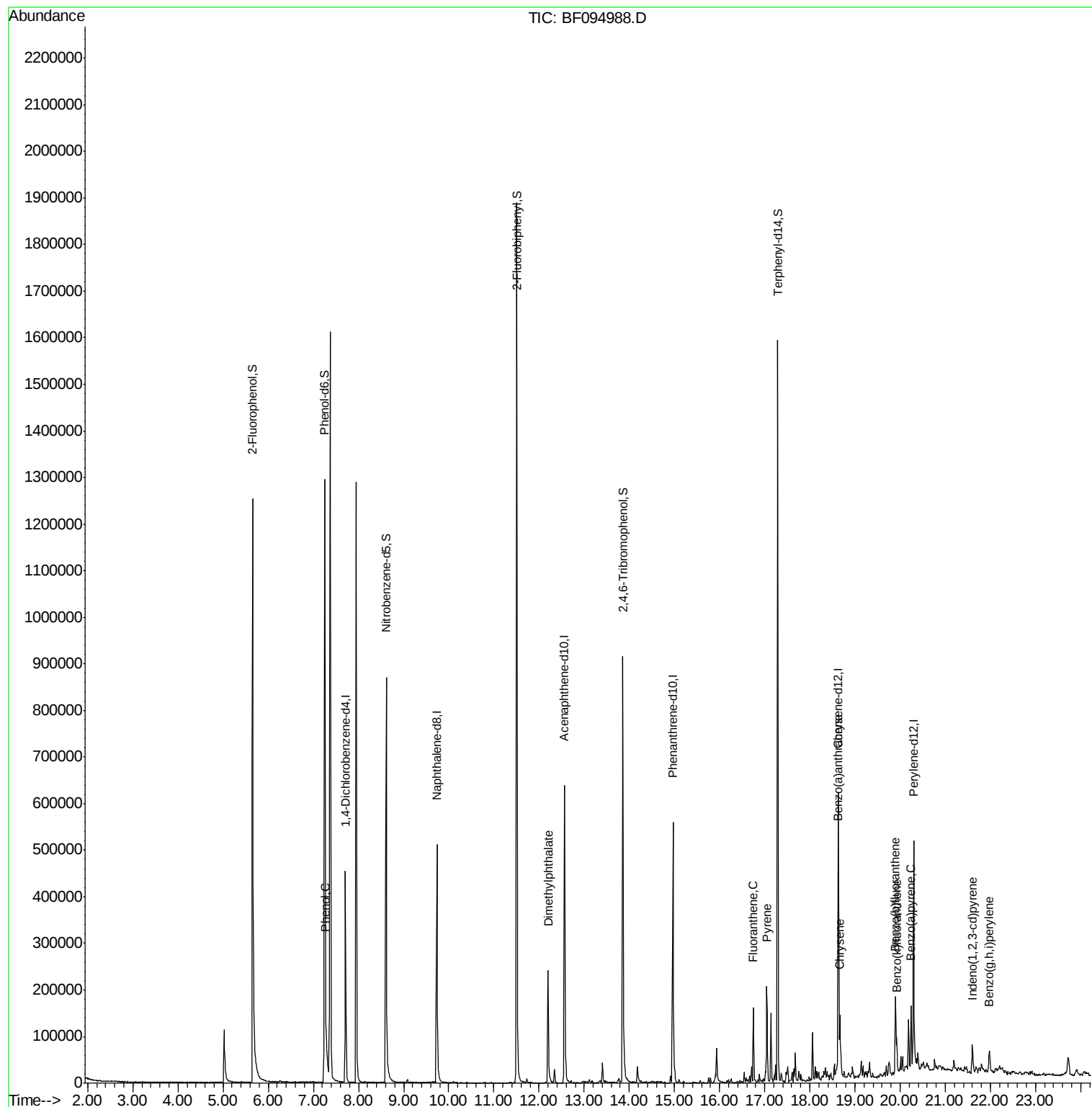
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094988.D
Acq On : 8 May 2017 19:32
Operator : SJ/MA
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#1

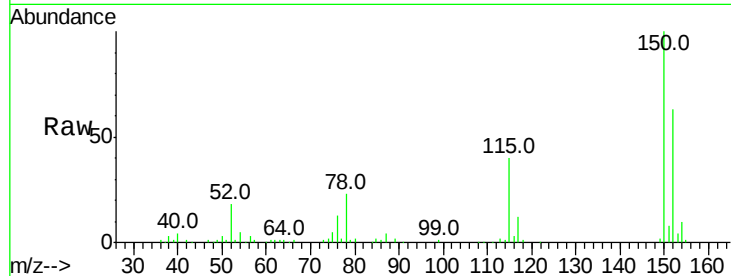
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

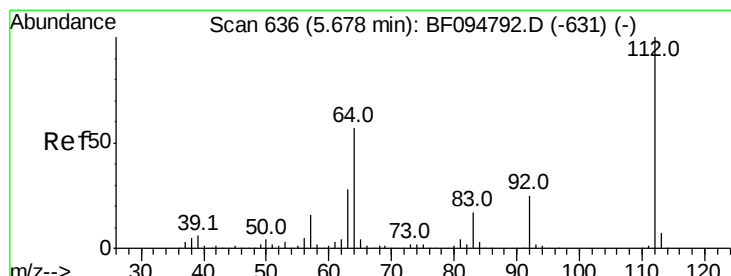
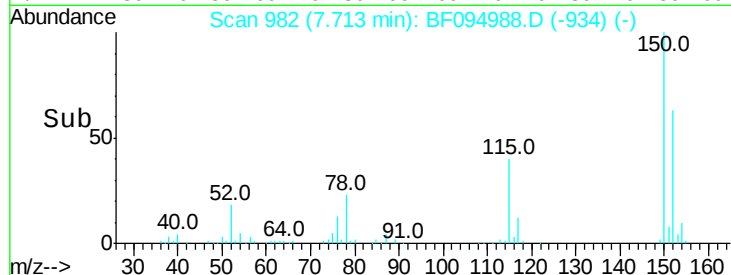
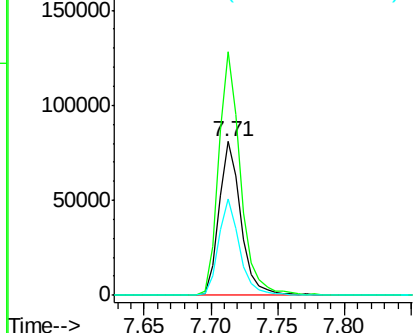
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	62.9	52.2	78.2

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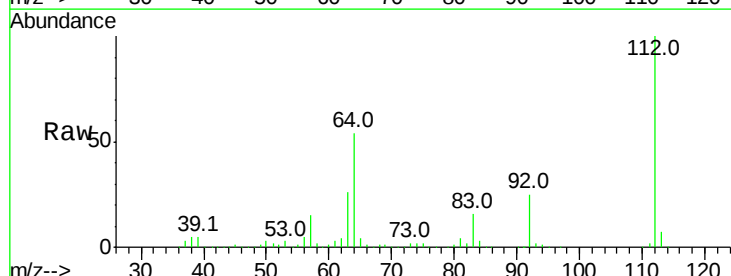
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



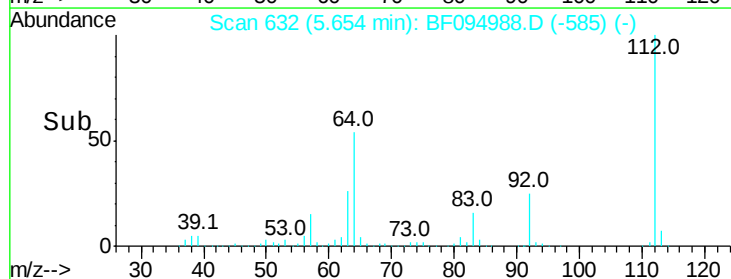
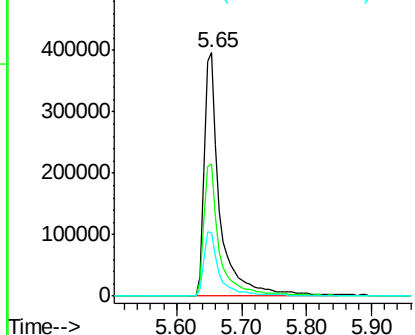
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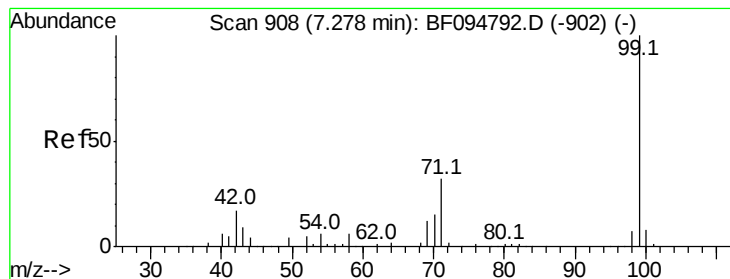
2-Fluorophenol
Concen: 118.30 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.53 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF094988.D

Acq: 8 May 2017 19:32

Instrument :

BNA_F

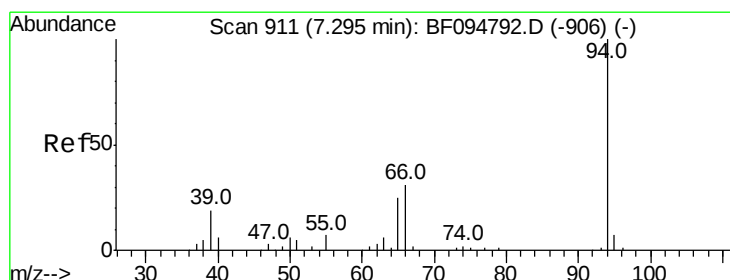
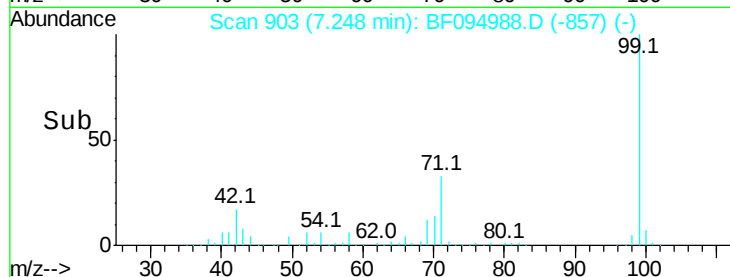
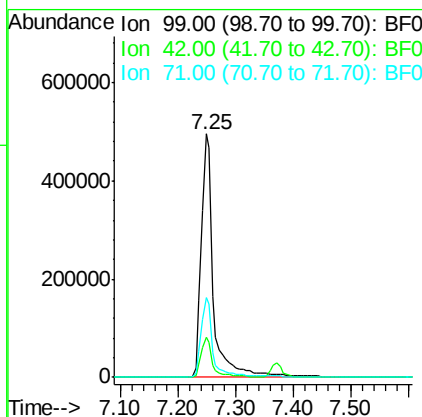
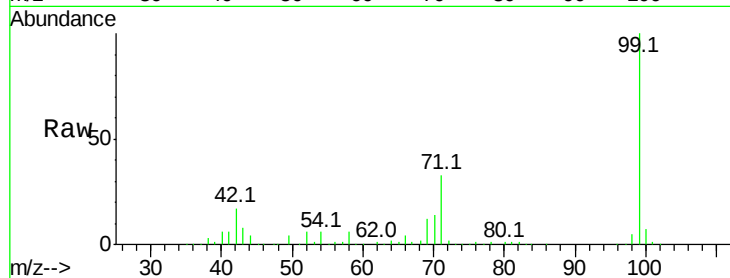
ClientSampleId :

SB-05-0-2.0

Tot Ion:	99	Resp:	748523
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	32.8	24.5	36.7

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#10

Phenol

Concen: 2.22 ng

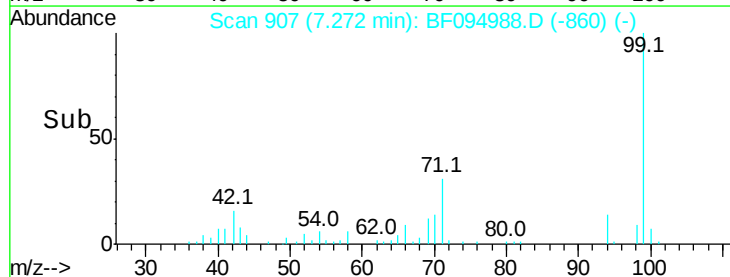
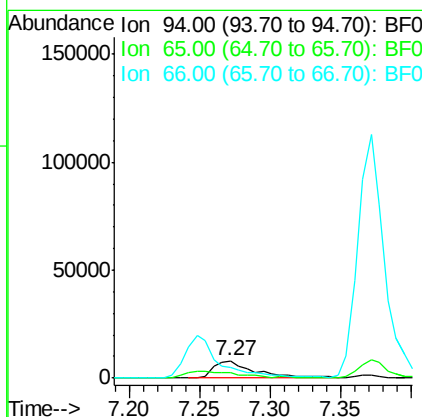
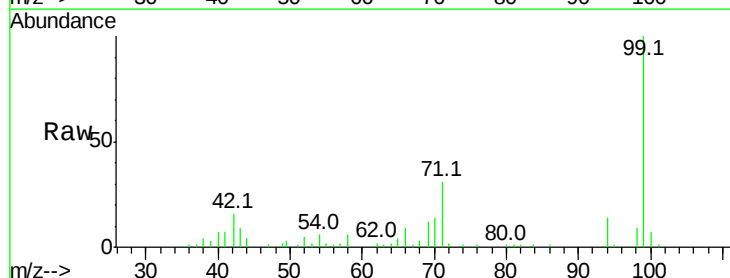
RT: 7.27 min Scan# 907

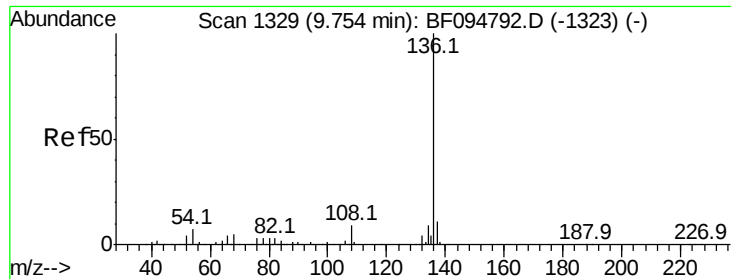
Delta R.T. -0.02 min

Lab File: BF094988.D

Acq: 8 May 2017 19:32

Tgt Ion:	94	Resp:	15861
Ion Ratio	Lower	Upper	
94	100		
65	28.9	9.9	49.9
66	61.9	23.1	63.1





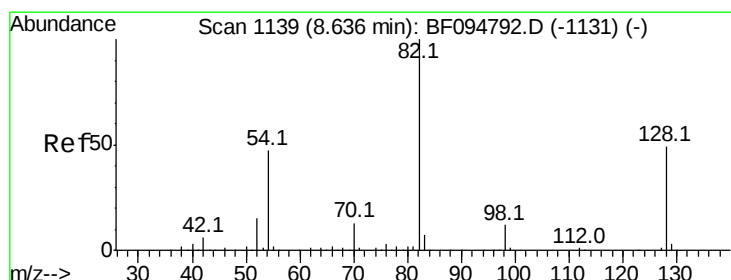
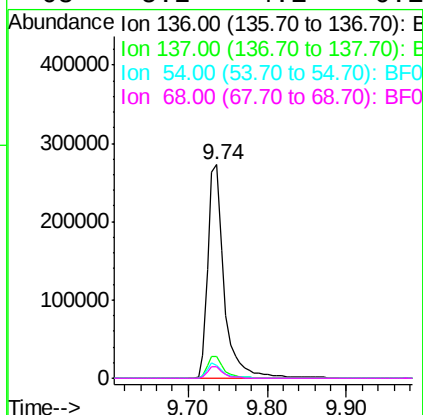
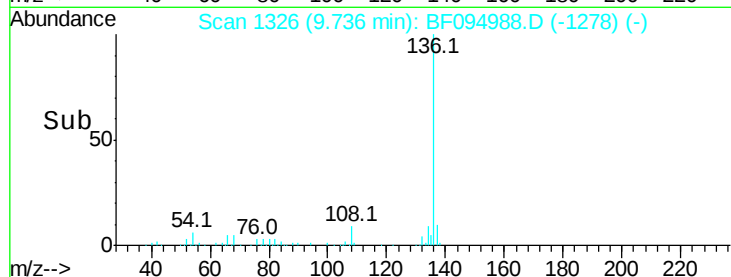
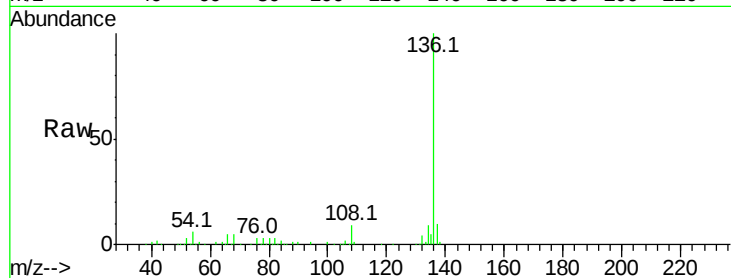
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		393048		
137	10.0		8.5	12.7	
54	6.2		4.9	7.3	
68	5.2		4.1	6.1	

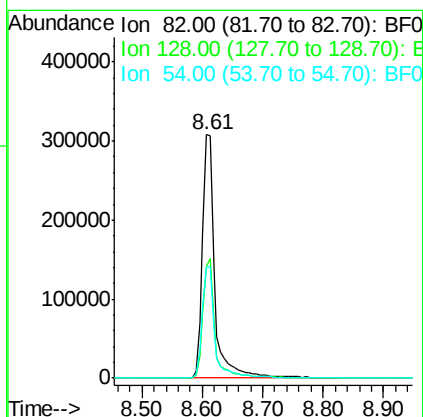
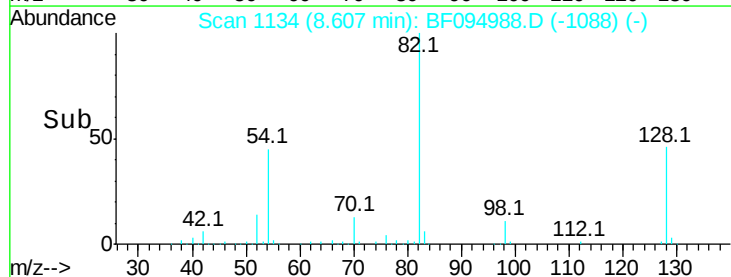
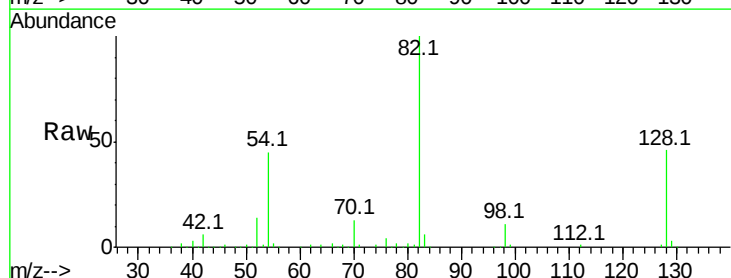
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#23
Nitrobenzene-d5
Concen: 71.34 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		444637		
128	45.8		34.0	51.0	
54	45.2		42.2	63.2	





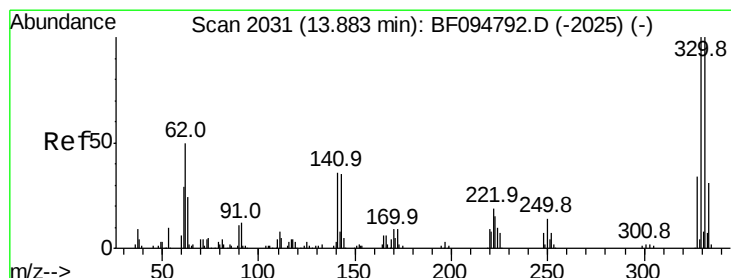
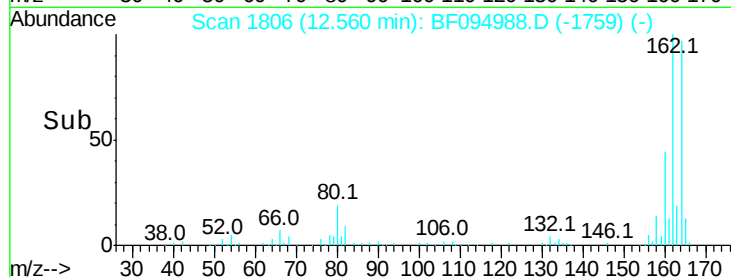
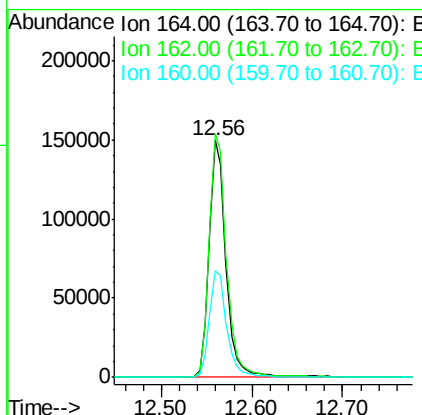
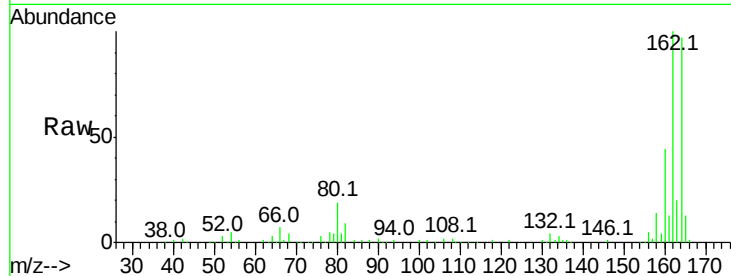
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
164	100	197131		
162	102.8	82.6	123.8	
160	44.9	36.2	54.2	

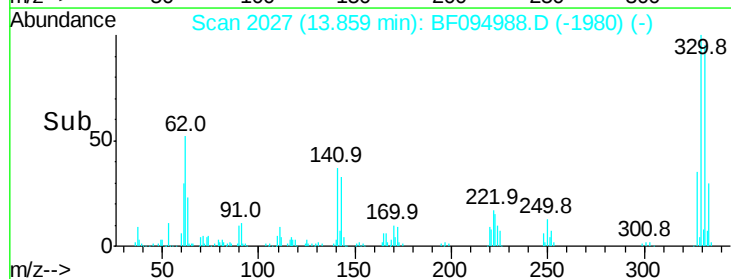
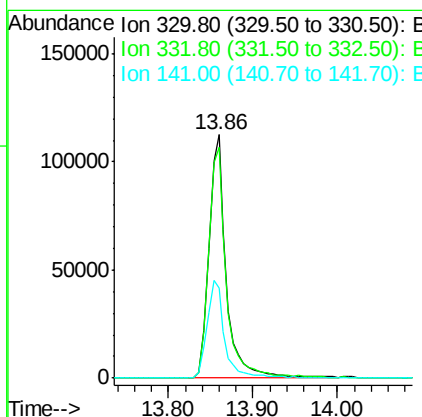
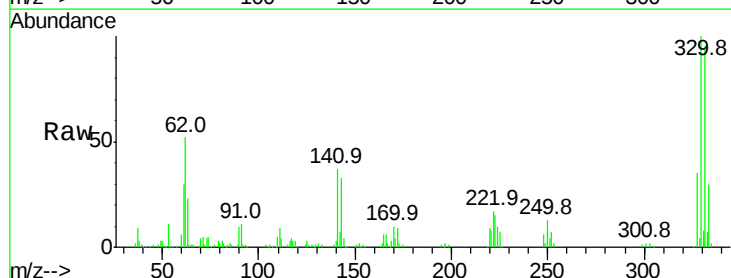
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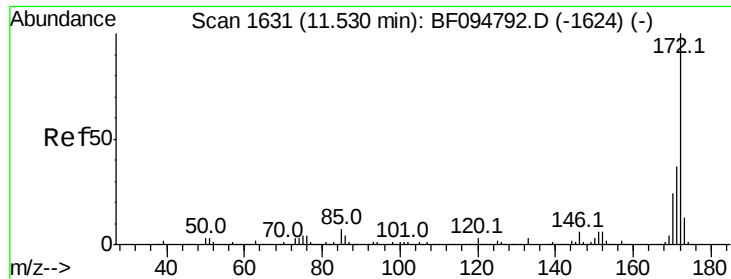
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#41
2,4,6-Tribromophenol
Concen: 100.72 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162604		
332	97.9	76.6	115.0	
141	40.5	31.4	47.2	





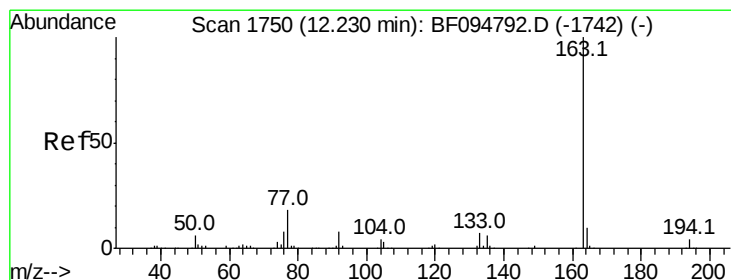
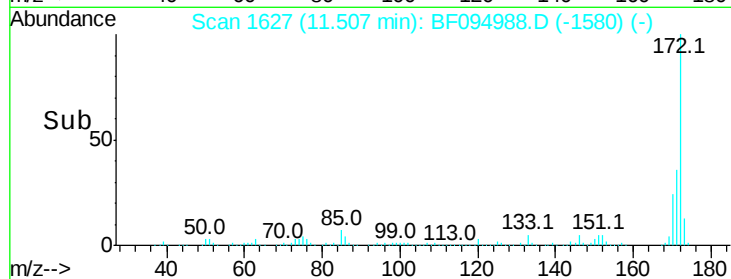
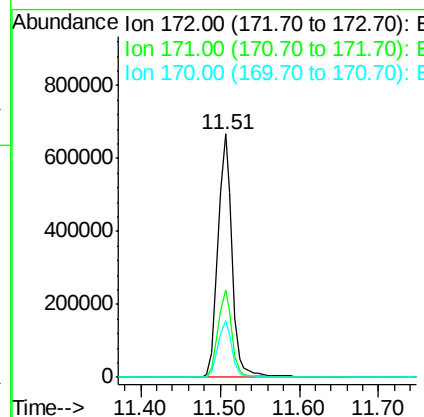
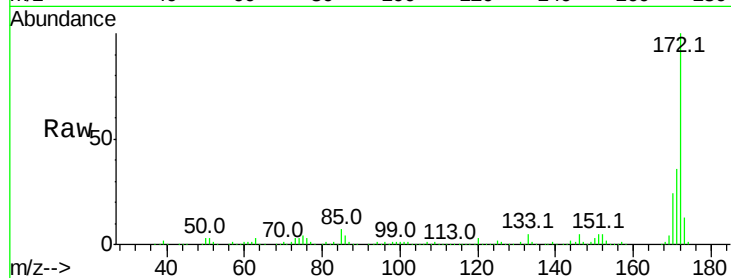
#44
2-Fluorobiphenyl
Concen: 60.28 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.5	19.8	29.8	

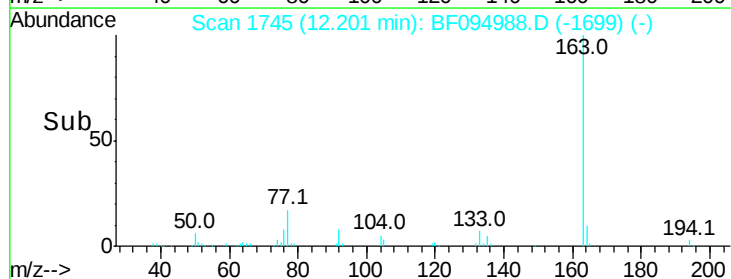
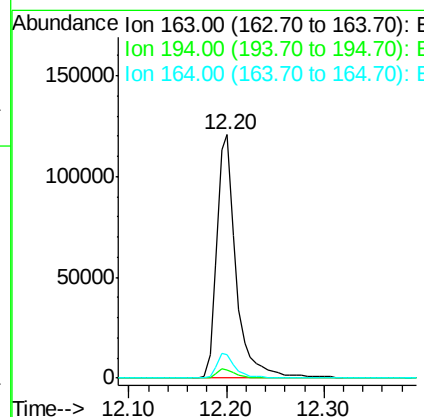
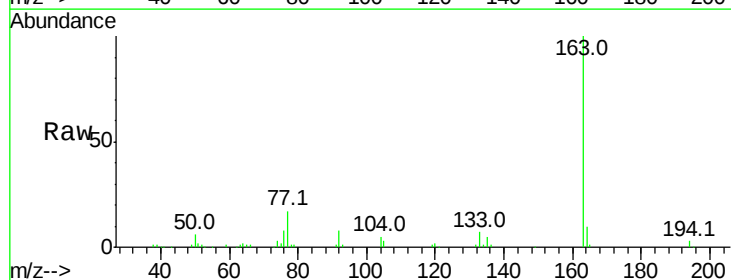
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#49
Dimethylphthalate
Concen: 10.19 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	9.6	8.4	12.6	





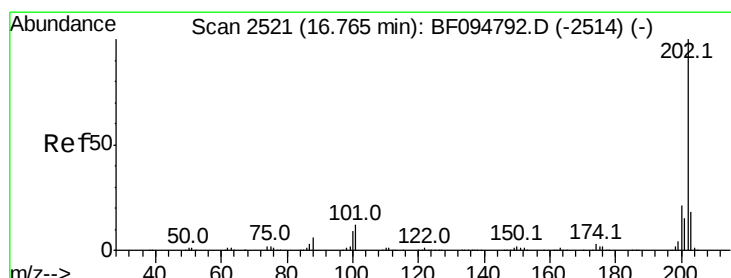
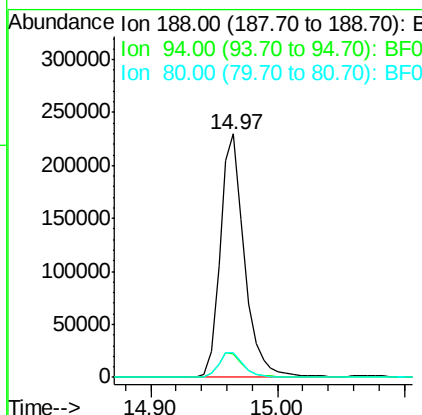
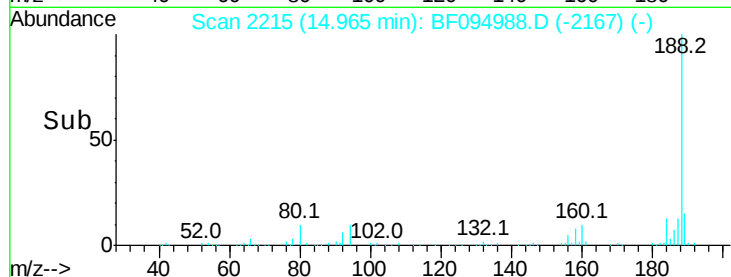
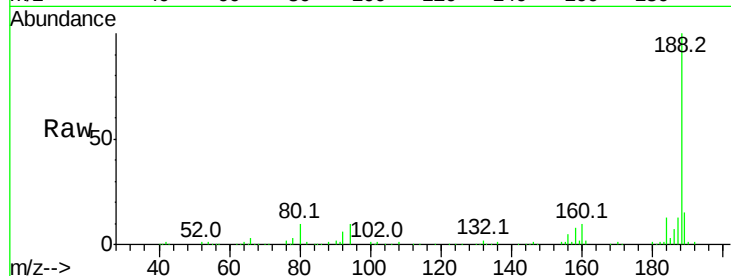
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF094988.D
 Acq: 8 May 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Tot Ion:	188	Resp:	305554
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.4	14.2
80	10.2	10.2	15.2

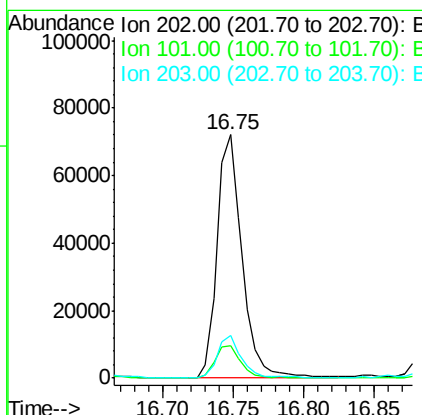
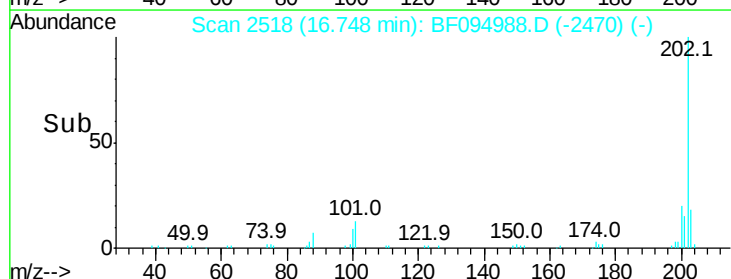
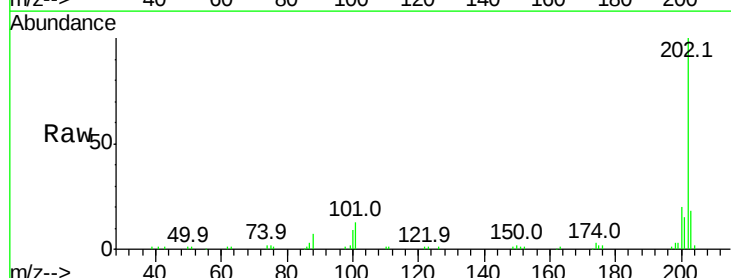
Manual Integrations
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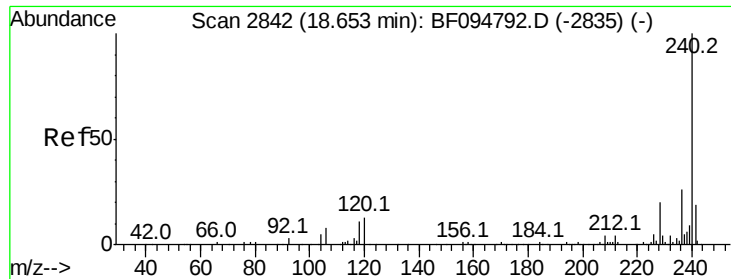
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#74
 Fluoranthene
 Concen: 4.93 ng
 RT: 16.75 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BF094988.D
 Acq: 8 May 2017 19:32

Tgt Ion:	202	Resp:	88839
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	17.7	0.0	38.1





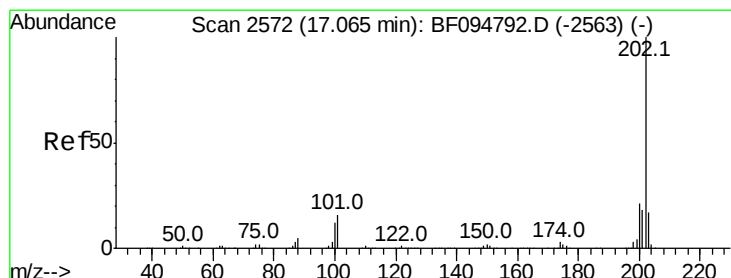
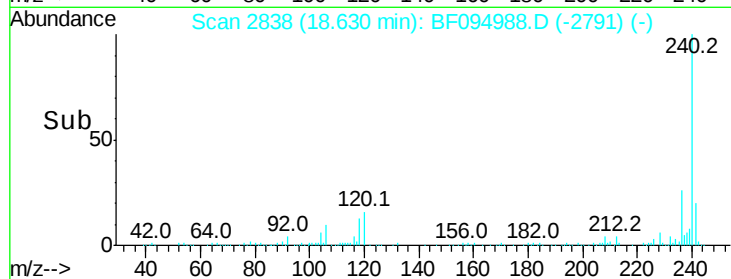
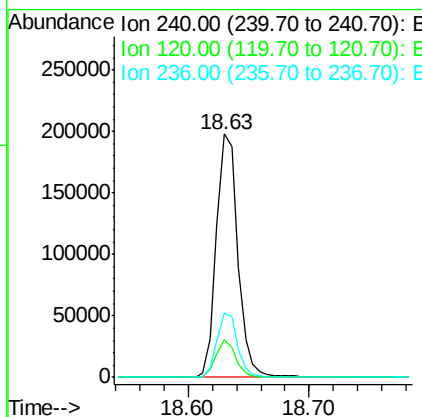
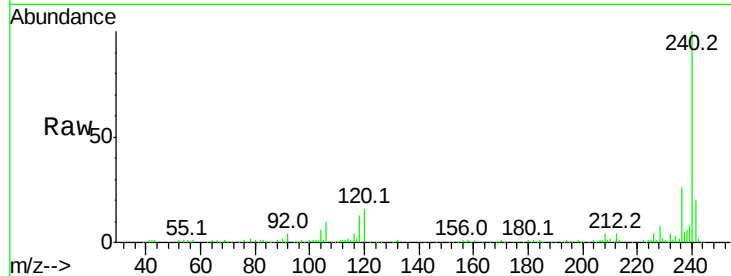
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	26.2	20.5	30.7

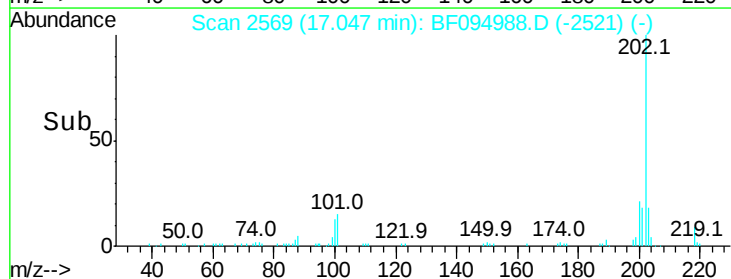
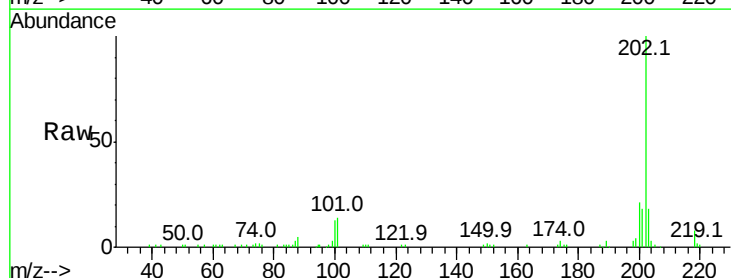
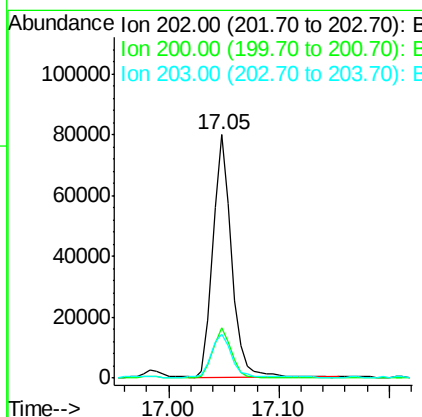
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#77
Pyrene
Concen: 5.05 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.9	14.4	21.6





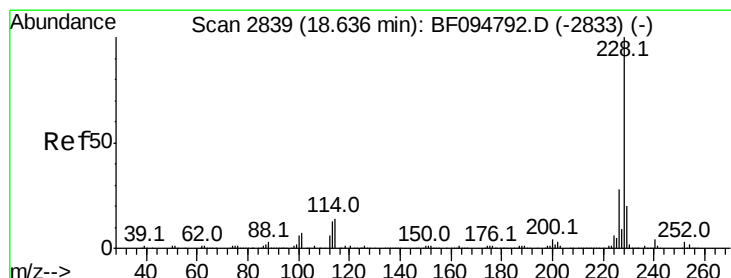
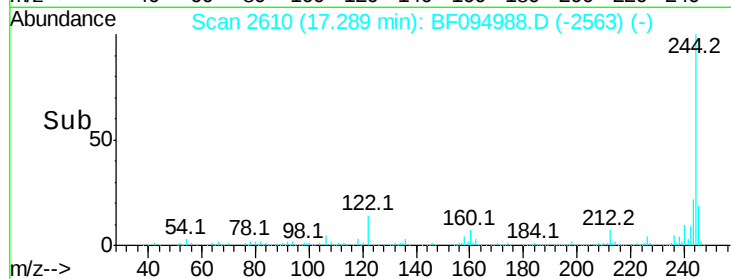
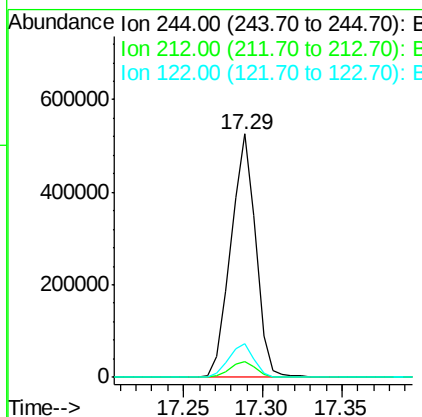
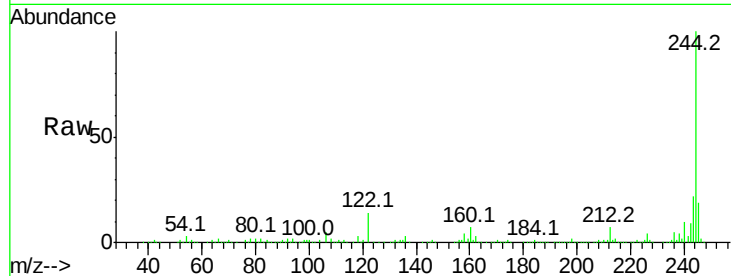
#78
 Terphenyl-d14
 Concen: 51.65 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF094988.D
 Acq: 8 May 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.8	10.3	15.5

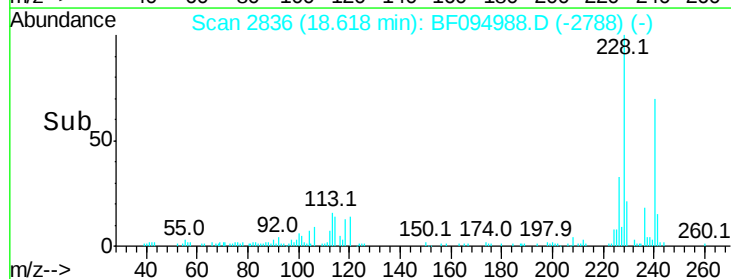
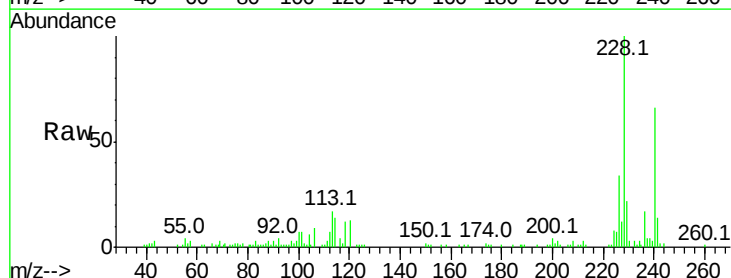
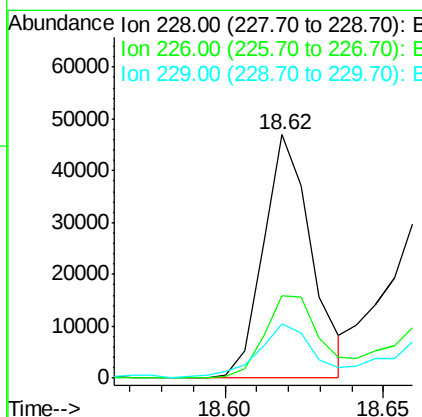
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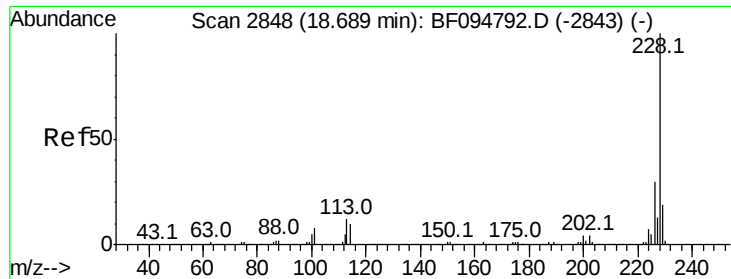
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.49 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BF094988.D
 Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	22.3	16.3	24.5





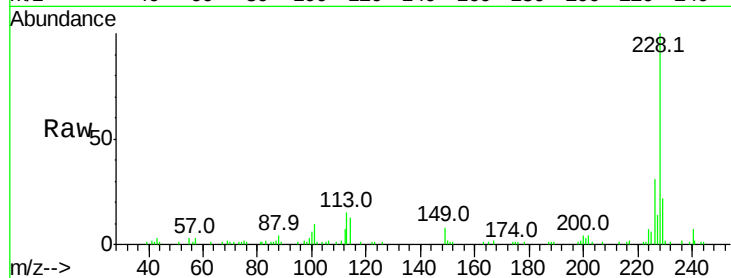
#82
Chrysene
Concen: 4.81 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

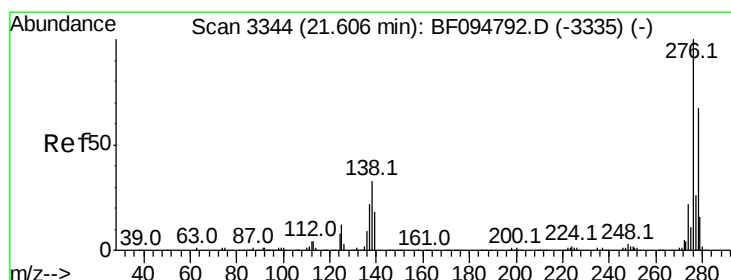
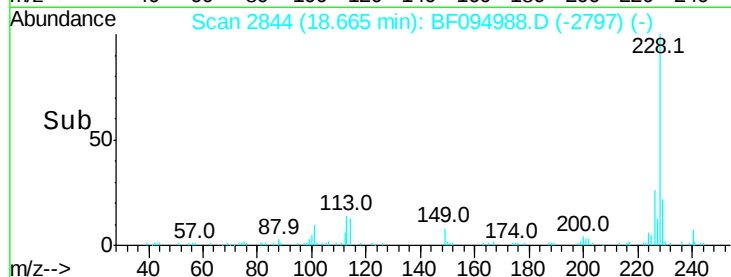
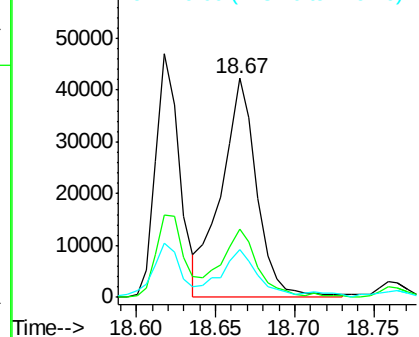
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.6	15.8	23.6

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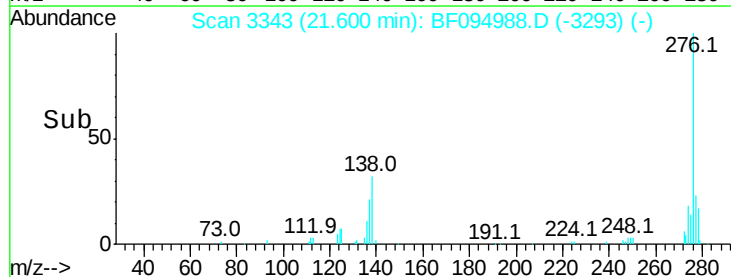
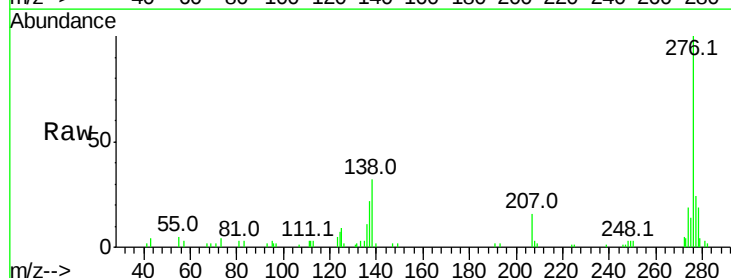
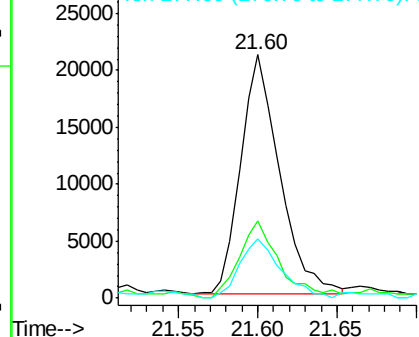
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

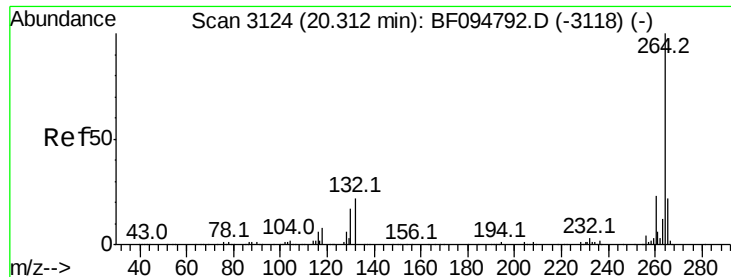


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.22 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	25.9	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





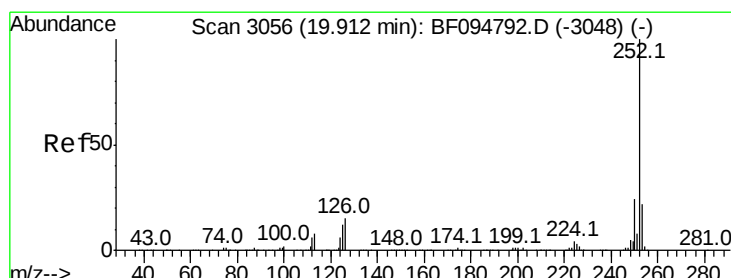
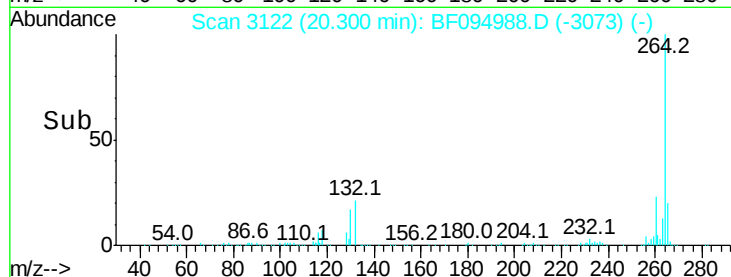
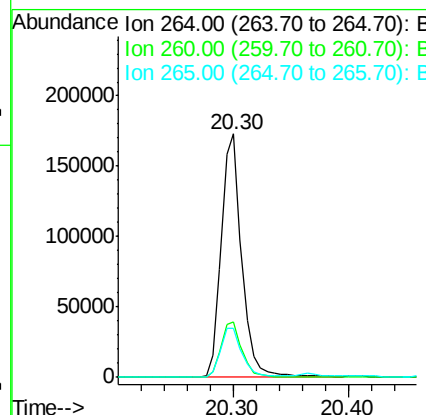
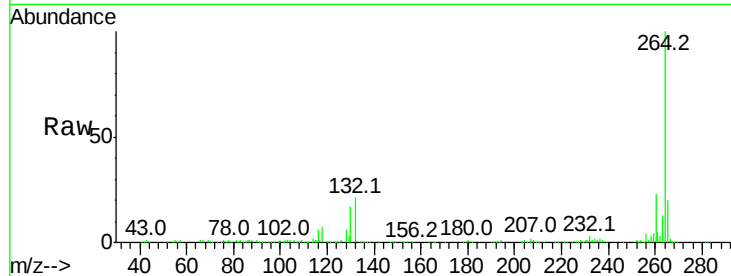
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.3	17.2	25.8

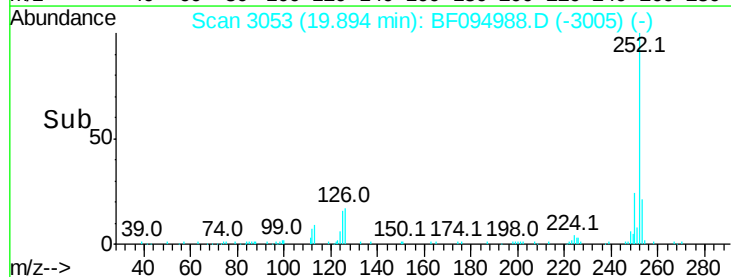
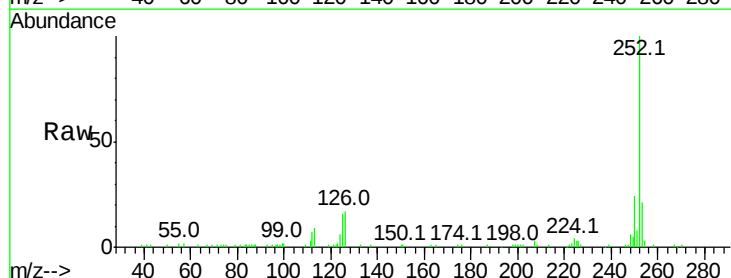
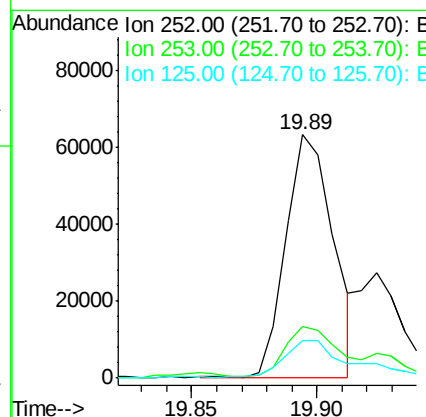
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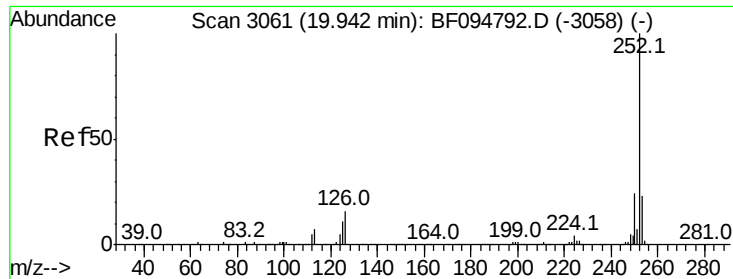
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#87
Benzo(b)fluoranthene
Concen: 6.34 ng m
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	15.6	9.8	14.8





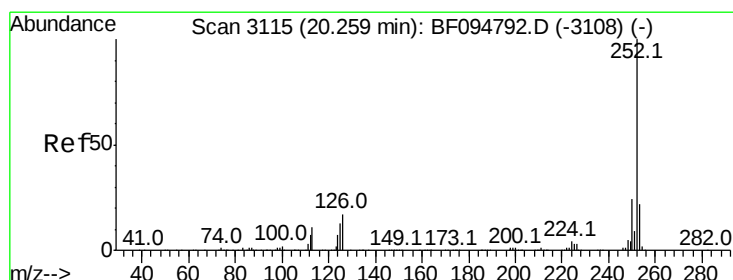
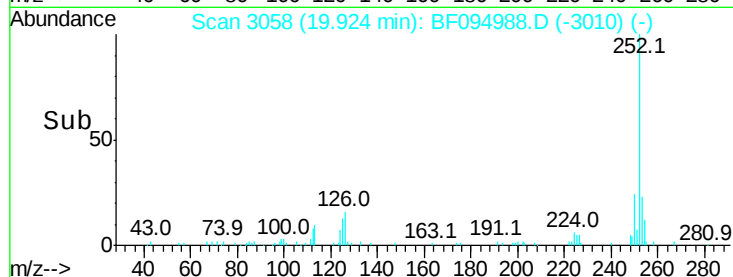
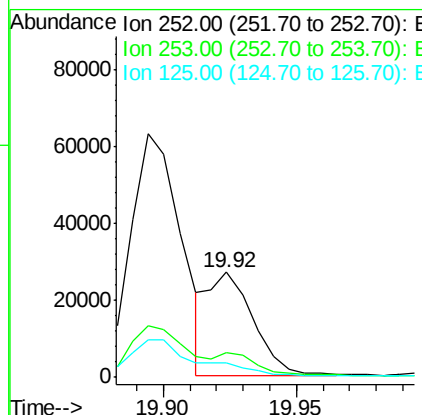
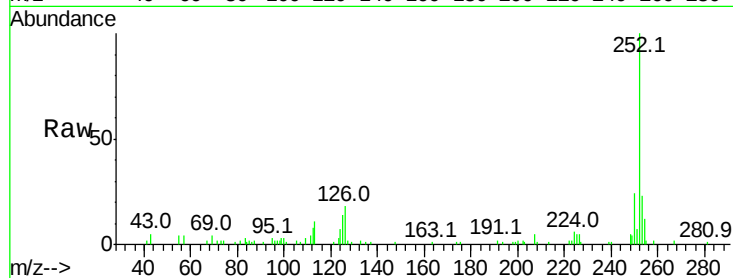
#88
Benzo(k)fluoranthene
Concen: 2.49 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	14.1	13.1	19.7

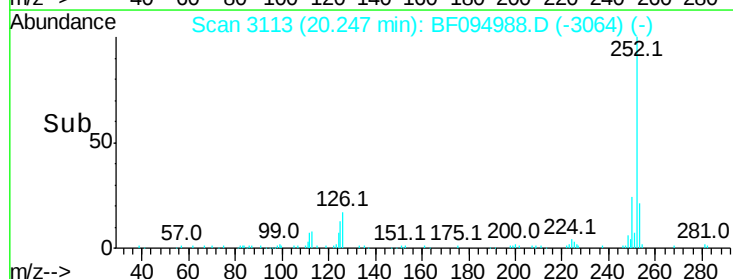
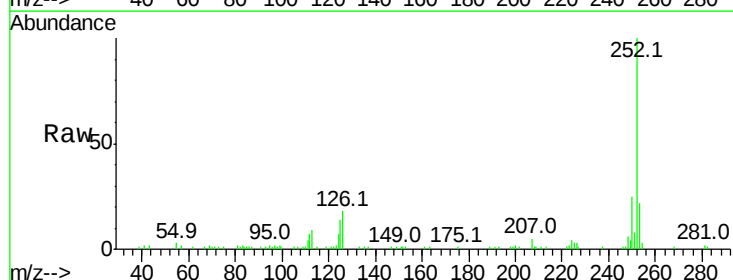
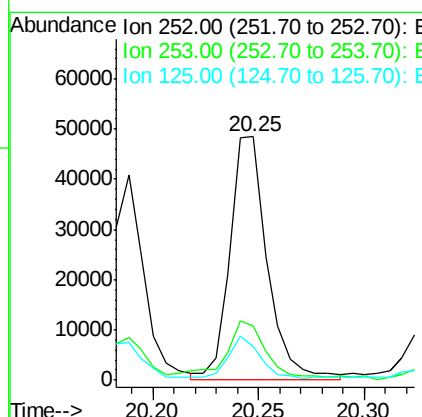
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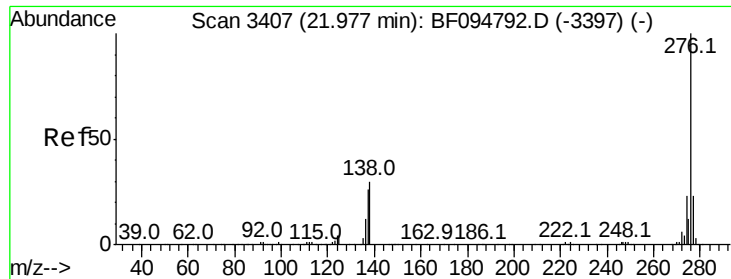
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#89
Benzo(a)pyrene
Concen: 4.91 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094988.D
Acq: 8 May 2017 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.6	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.89 ng
 RT: 21.98 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: BF094988.D
 Acq: 8 May 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	26.8	25.4	38.0

Manual Integrations
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