

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094103.D
 Acq On : 31 Mar 2017 18:30
 Operator : SJ/MA
 Sample : I2463-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R-Q-12-13-BASE

Manual Integrations
 APPROVED

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Quant Time: Apr 01 00:23:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	183807	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	744830	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	328258	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	555099	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	383840	20.00	ng	-0.01
86) Perylene-d12	16.25	264	287772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1159191	106.52	ng	0.00
7) Phenol-d6	5.50	99	1506579	111.91	ng	0.00
23) Nitrobenzene-d5	6.55	82	958058	73.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	289953	111.78	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1533014	71.23	ng	0.00
78) Terphenyl-d14	13.35	244	994441	58.07	ng	0.00
Target Compounds						
10) Phenol	5.52	94	37717	2.46	ng	91
49) Dimethylphthalate	9.22	163	115738	4.96	ng	99
70) Phenanthrene	11.39	178	109532	3.55	ng	97
74) Fluoranthene	12.86	202	105352	3.33	ng	98
77) Pyrene	13.13	202	103546	3.72	ng	99
80) Benzo(a)anthracene	14.60	228	45881	2.05	ng	# 88
82) Chrysene	14.64	228	56275m	2.71	ng	
87) Benzo(b)fluoranthene	15.84	252	56671m	3.21	ng	
89) Benzo(a)pyrene	16.19	252	38011	2.34	ng	# 95
91) Benzo(g,h,i)perylene	17.98	276	33892	2.44	ng	99

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

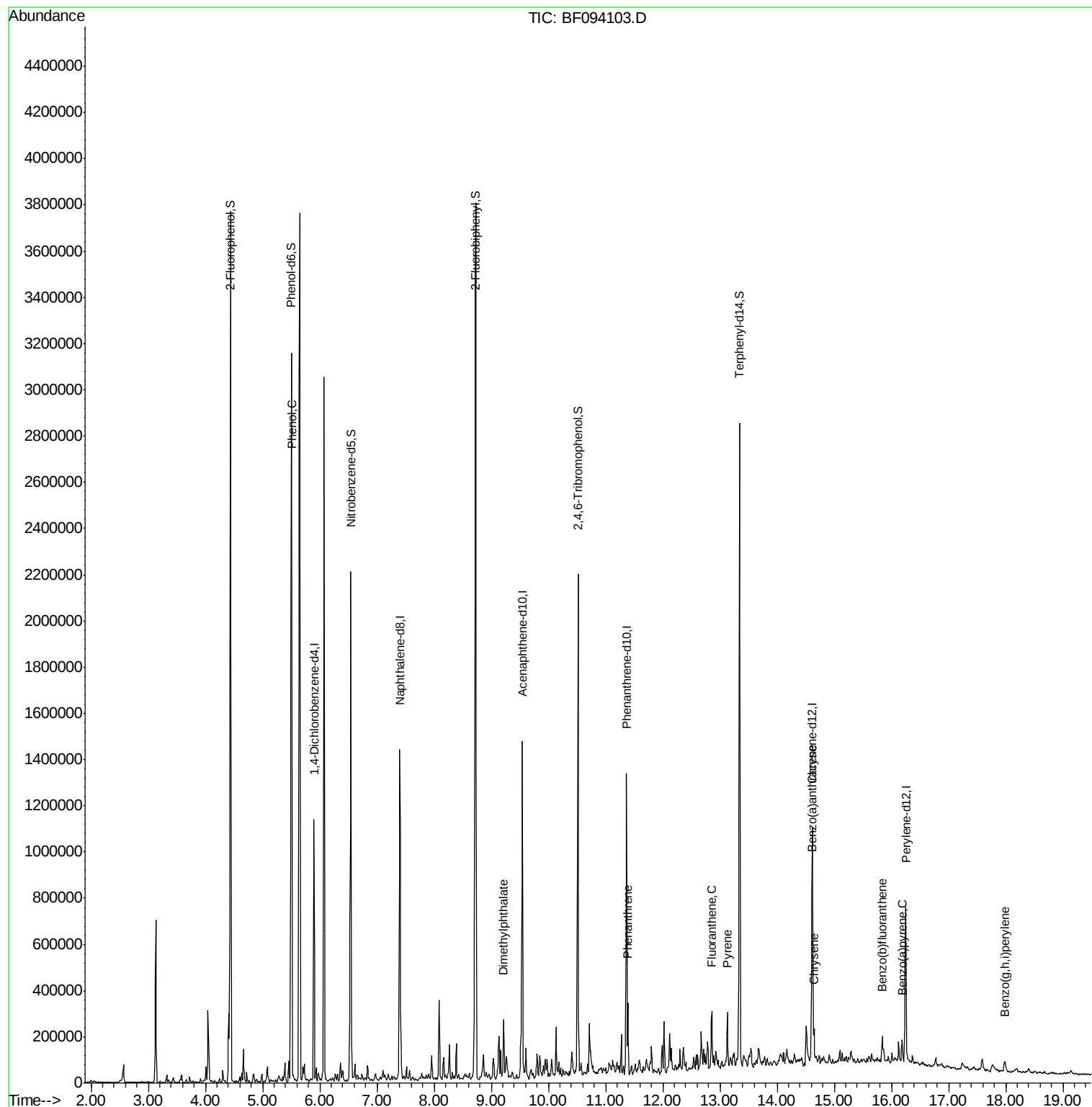
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094103.D
Acq On : 31 Mar 2017 18:30
Operator : SJ/MA
Sample : I2463-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

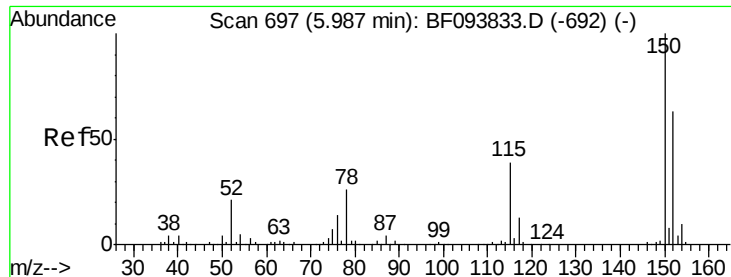
Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

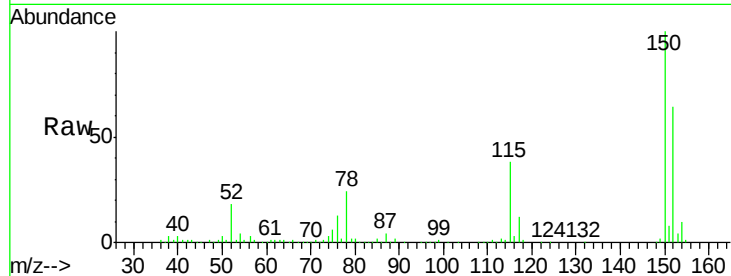
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	59.2	52.2	78.2

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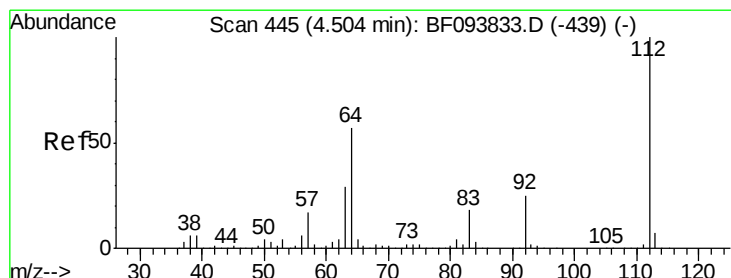
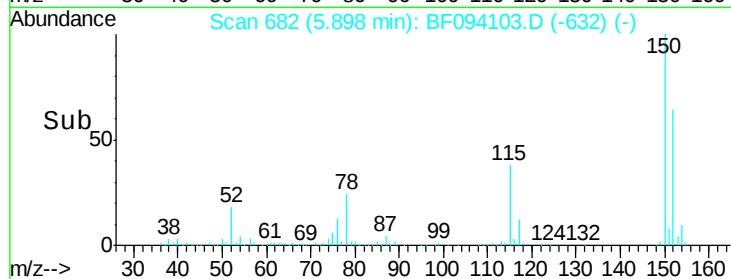
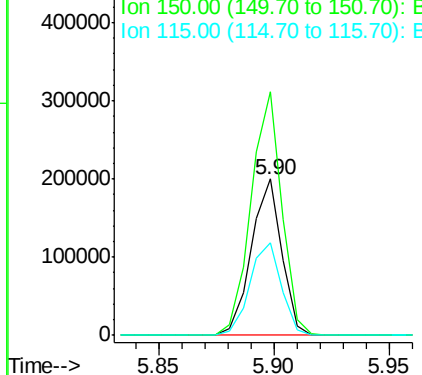


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

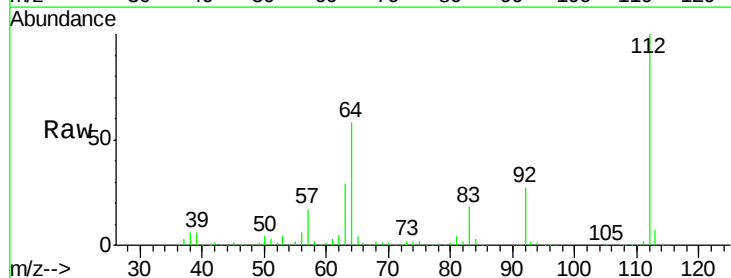
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.52 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	28.9	23.4	35.0

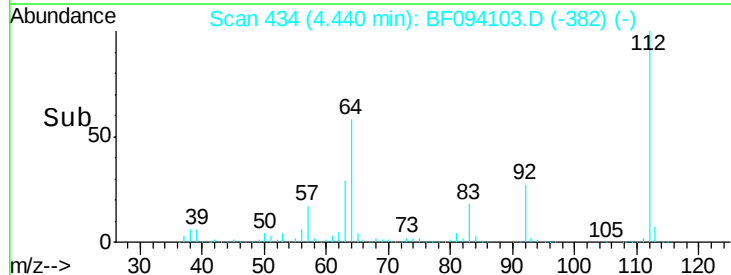
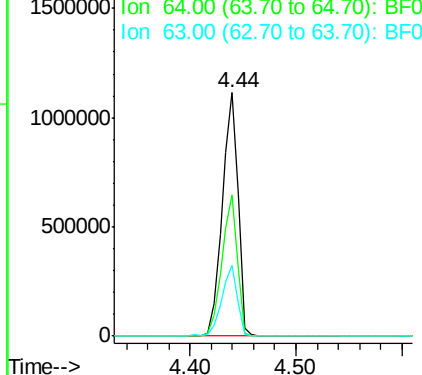


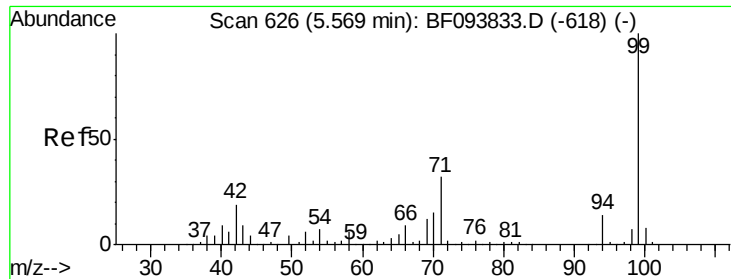
Abundance

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: 111.91 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094103.D

Acq: 31 Mar 2017 18:30

Instrument :

BNA_F

ClientSampleId :

E2-R-Q-12-13-BASE

Tot Ion: 99 Resp: 1506579

Ion Ratio Lower Upper

99 100

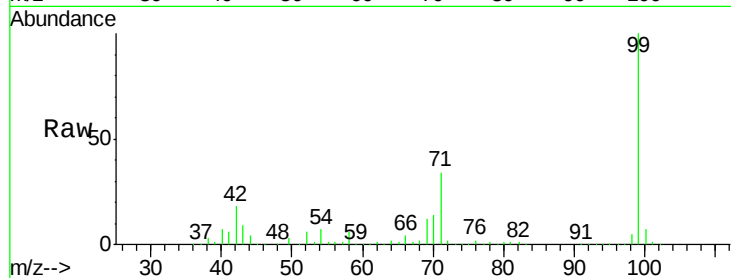
42 17.8 13.5 20.3

71 33.7 24.5 36.7

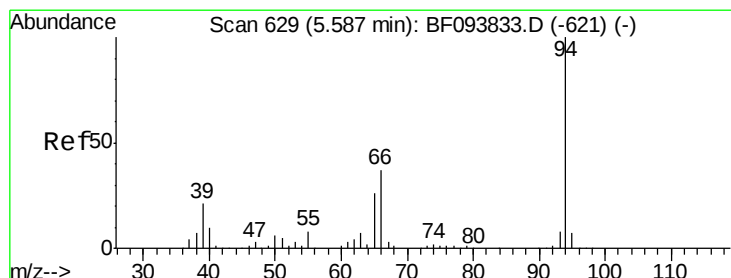
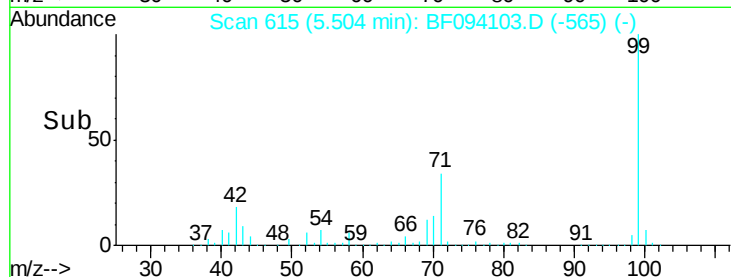
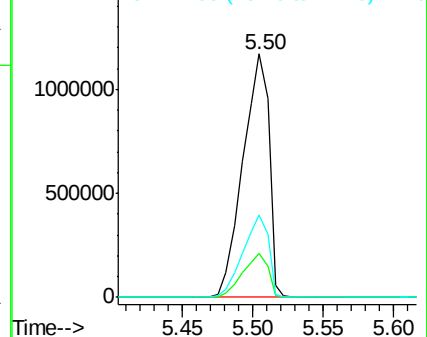
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.46 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094103.D

Acq: 31 Mar 2017 18:30

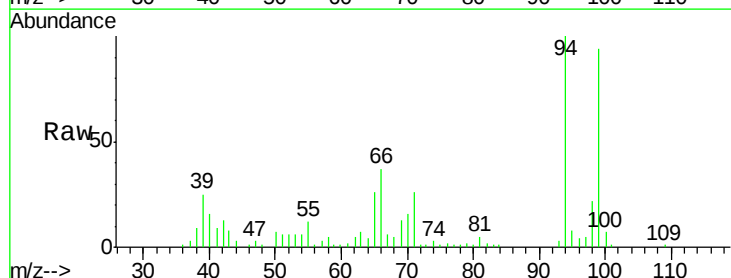
Tgt Ion: 94 Resp: 37717

Ion Ratio Lower Upper

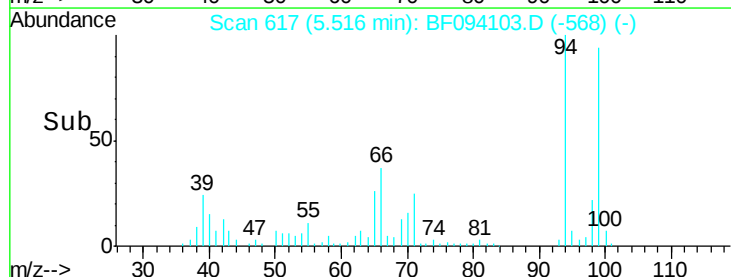
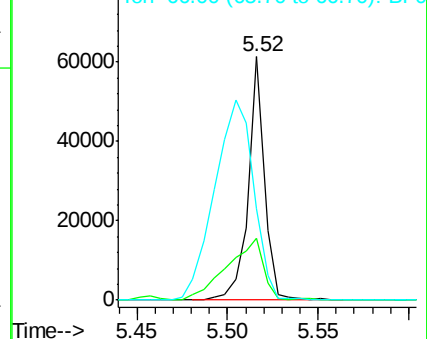
94 100

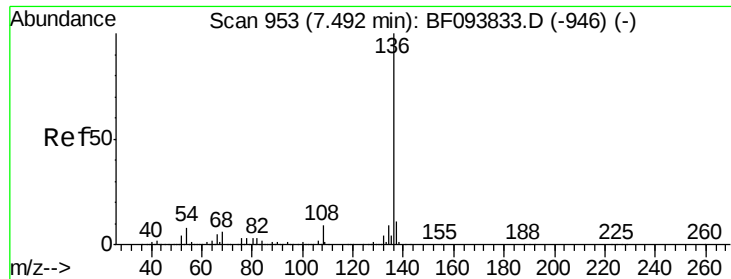
65 25.5 9.9 49.9

66 37.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





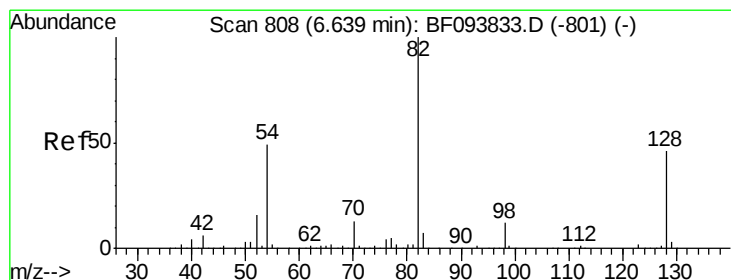
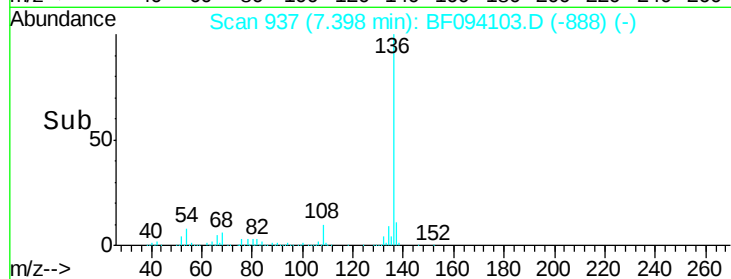
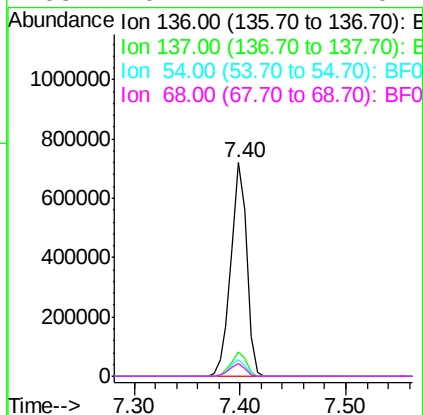
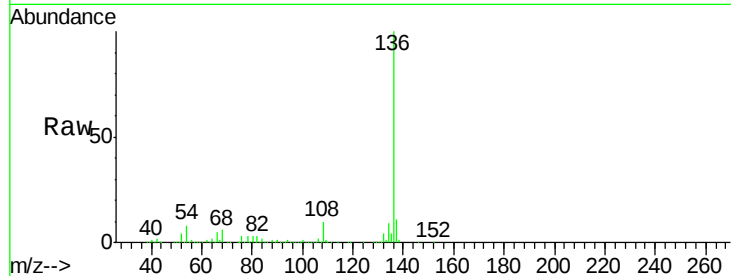
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4		8.5	12.7	
54	7.7		4.9	7.3#	
68	6.2		4.1	6.1#	

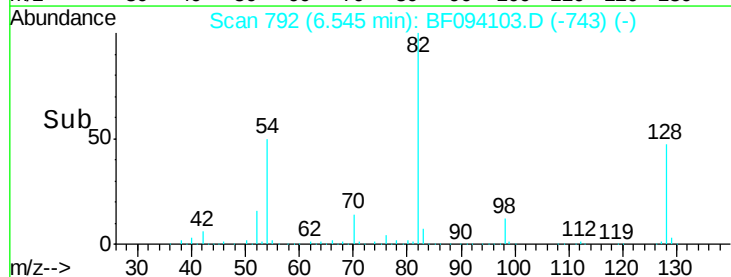
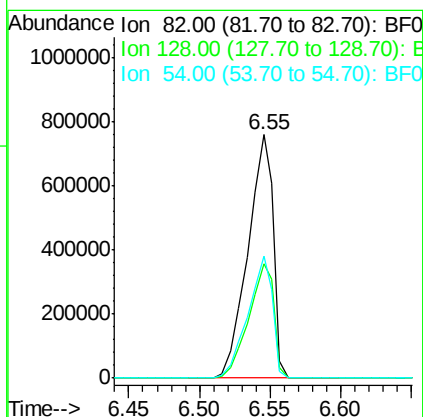
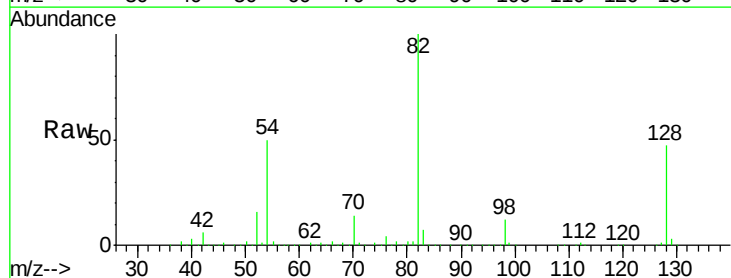
Manual Integrations
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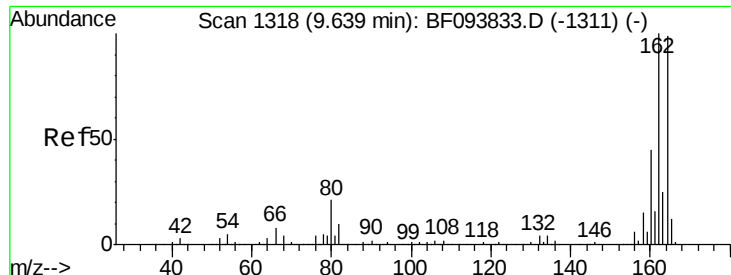
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#23
Nitrobenzene-d5
Concen: 73.41 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	46.8		34.0	51.0	
54	49.9		42.2	63.2	





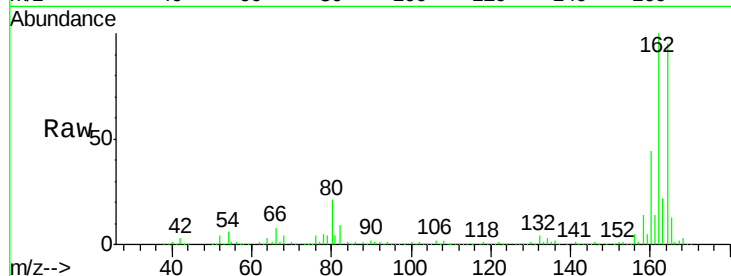
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

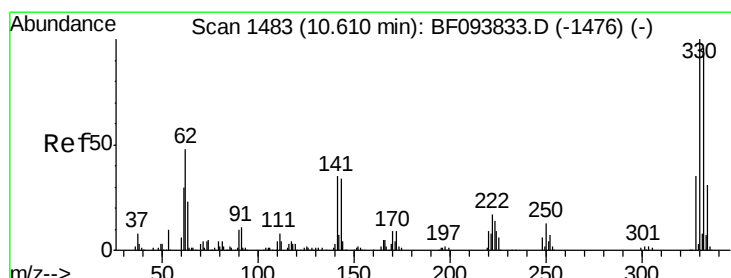
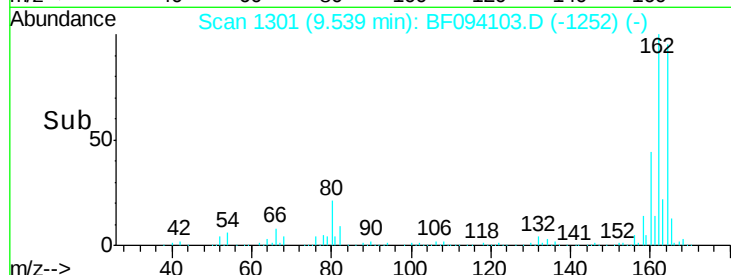
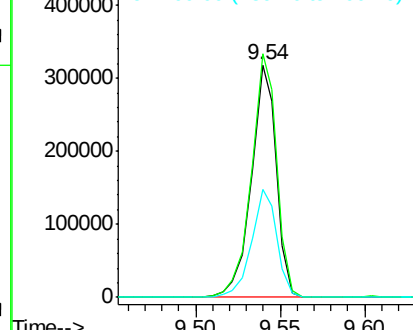
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	82.6	123.8	
160	46.4	36.2	54.2	

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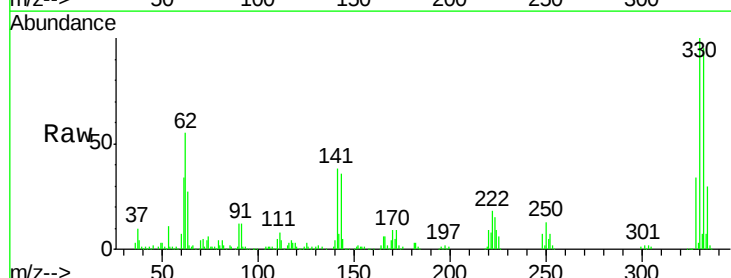


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

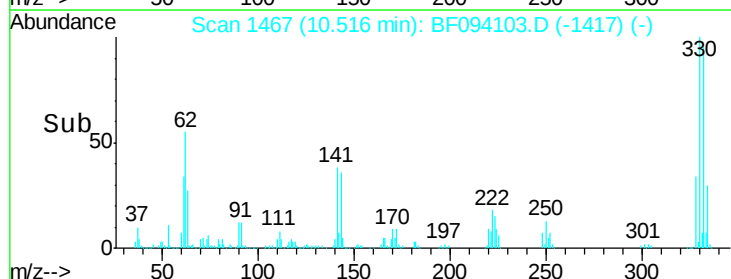
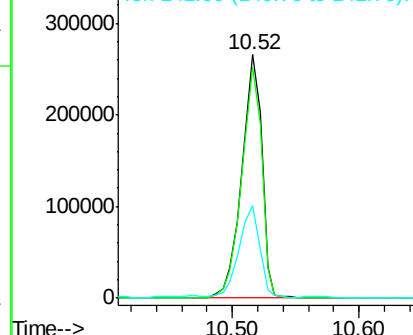


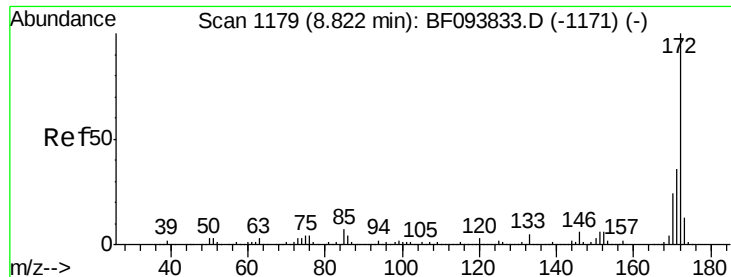
#41
2,4,6-Tribromophenol
Concen: 111.78 ng
RT: 10.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	39.3	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





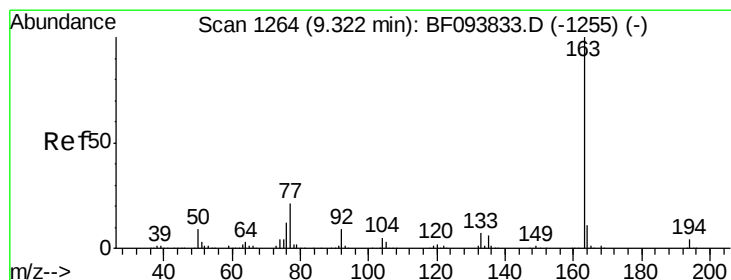
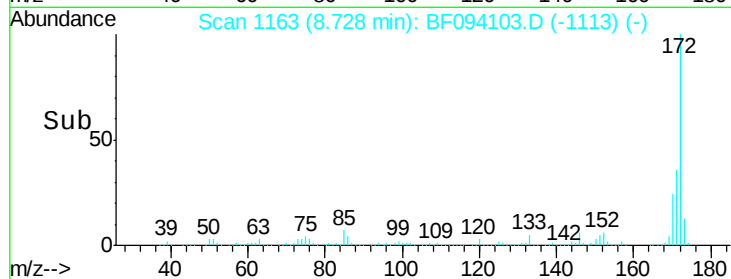
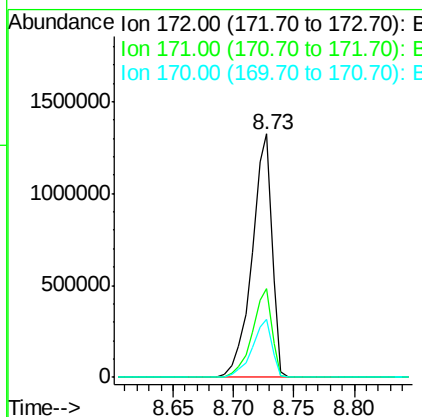
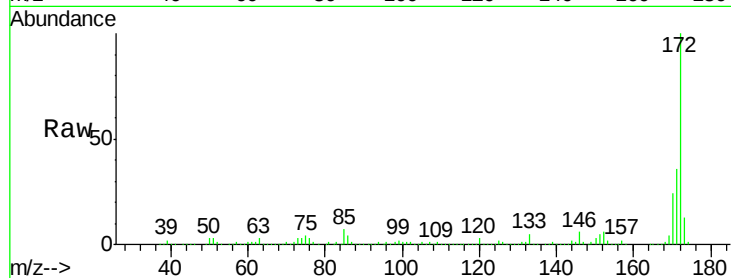
#44
2-Fluorobiphenyl
Concen: 71.23 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

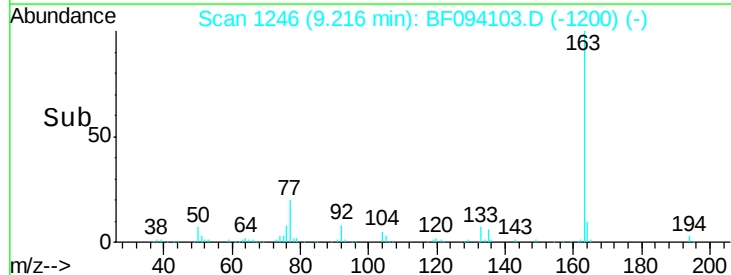
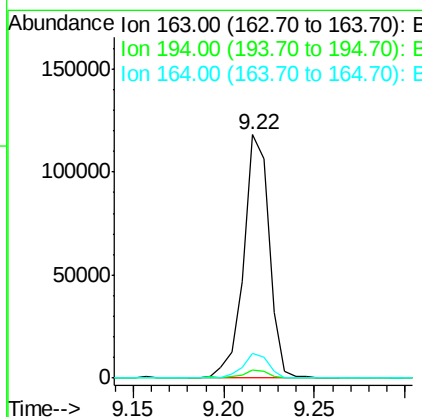
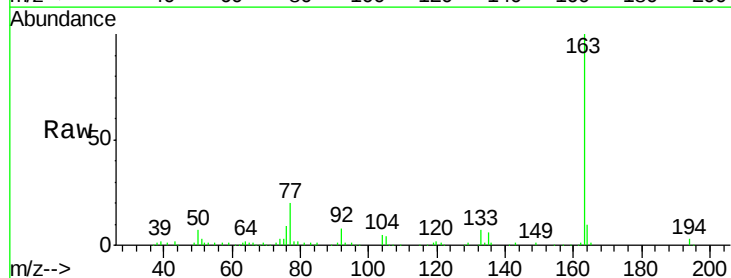
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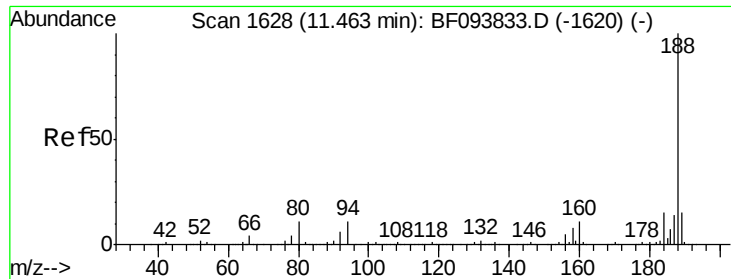
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#49
Dimethylphthalate
Concen: 4.96 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6





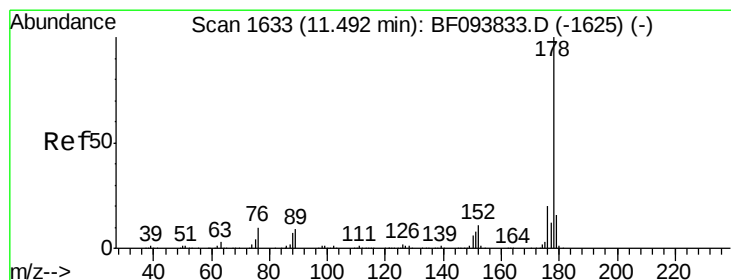
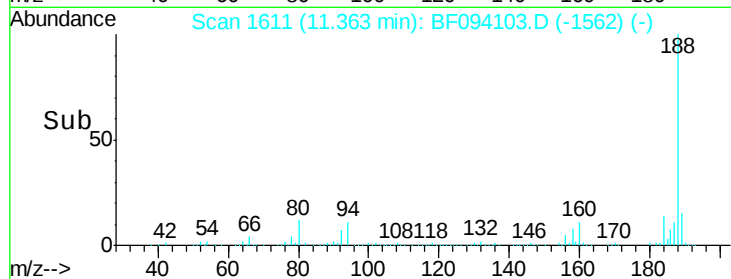
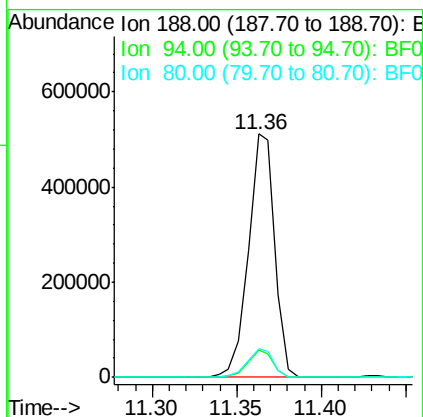
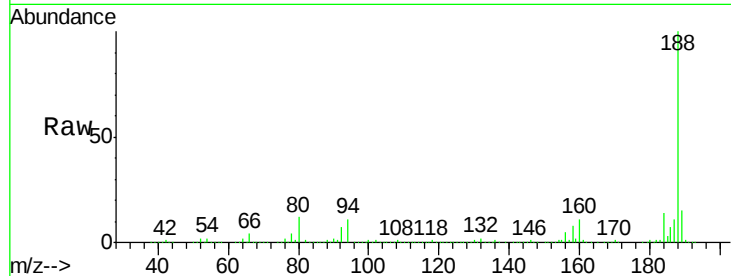
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	555099		
94	11.1		9.4	14.2
80	11.7		10.2	15.2

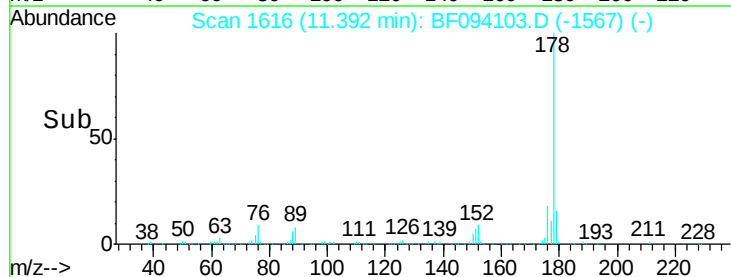
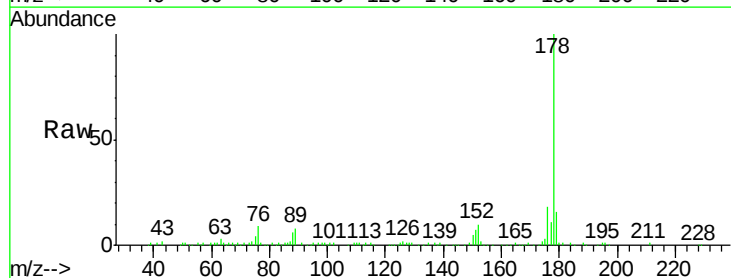
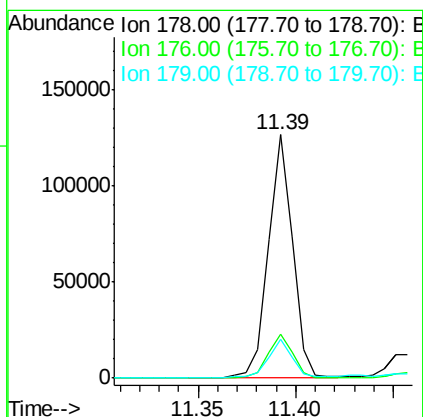
Manual Integrations
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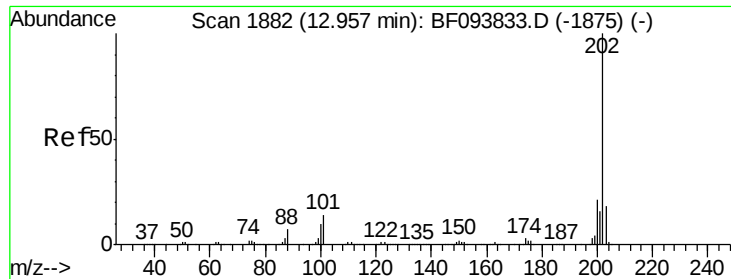
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#70
Phenanthrene
Concen: 3.55 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	109532		
176	18.0		16.2	24.4
179	16.1		12.6	19.0





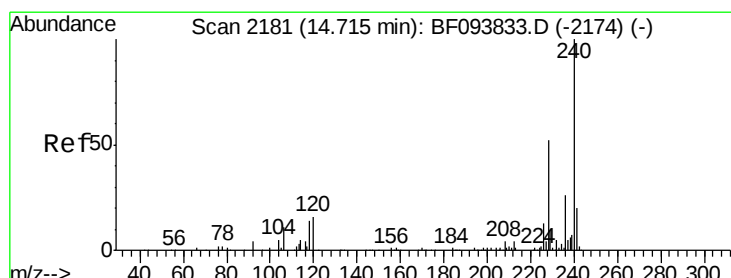
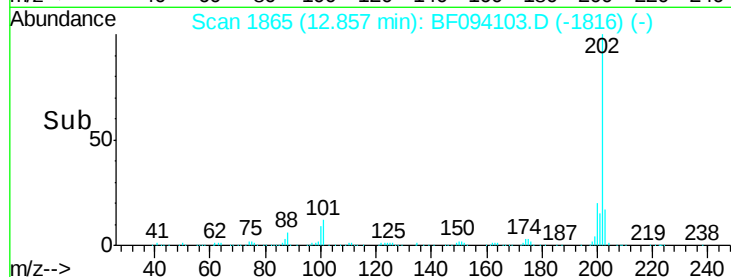
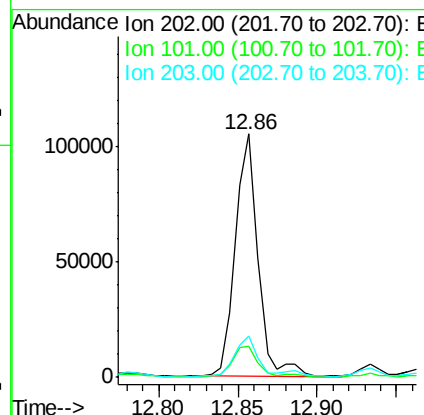
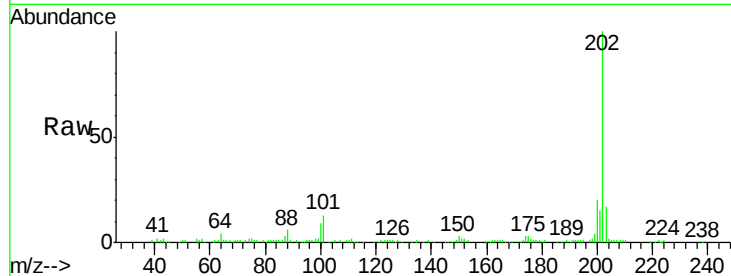
#74
Fluoranthene
Concen: 3.33 ng
RT: 12.86 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.1	0.0	38.1

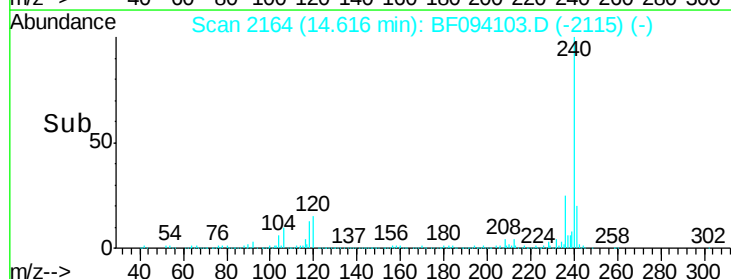
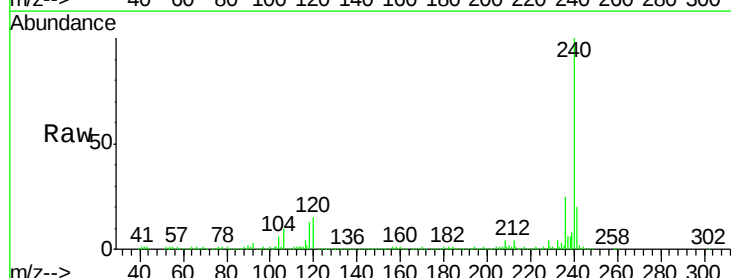
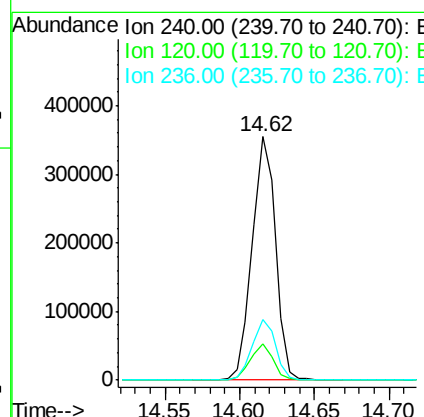
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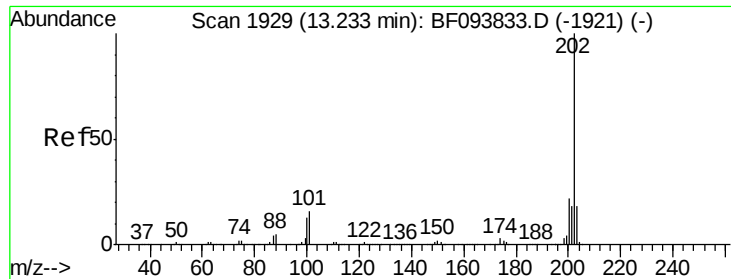
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.9	20.5	30.7





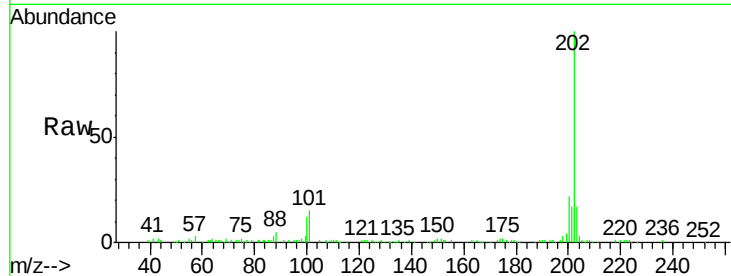
#77
Pvrene
Concen: 3.72 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

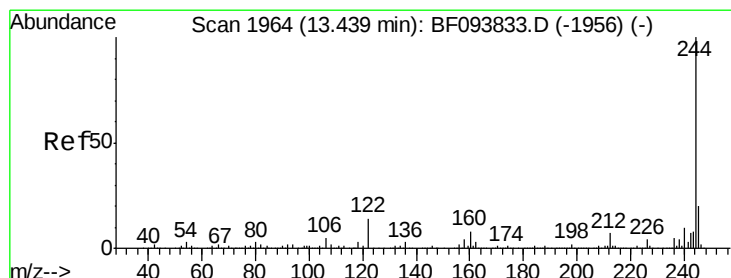
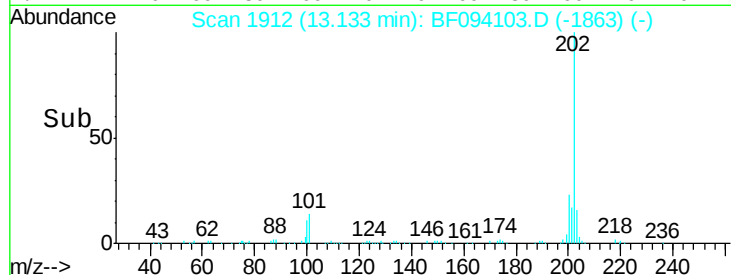
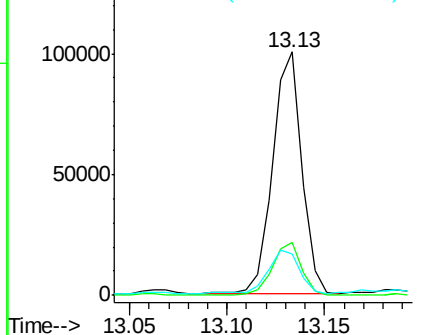
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.1	14.4	21.6

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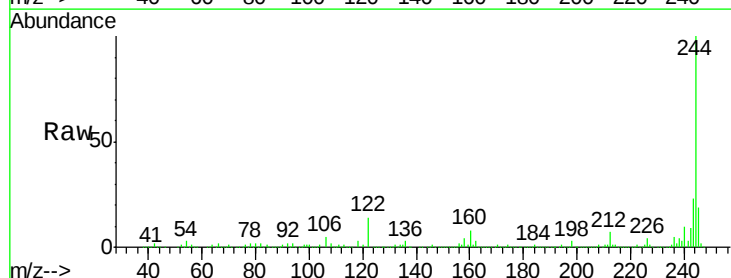


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

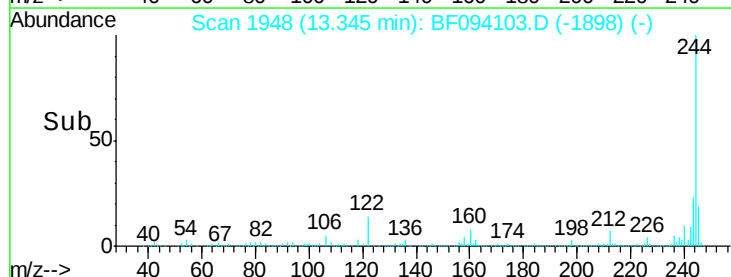
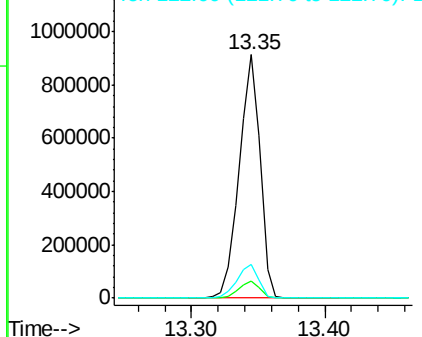


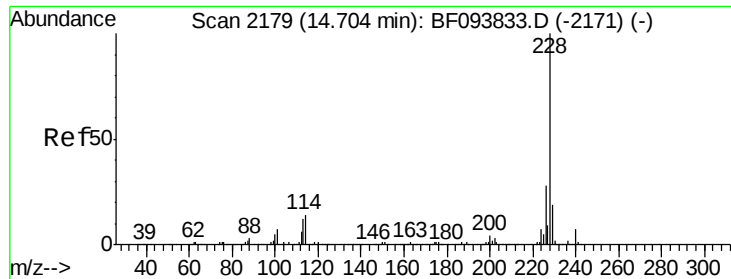
#78
Terphenyl-d14
Concen: 58.07 ng
RT: 13.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.9	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





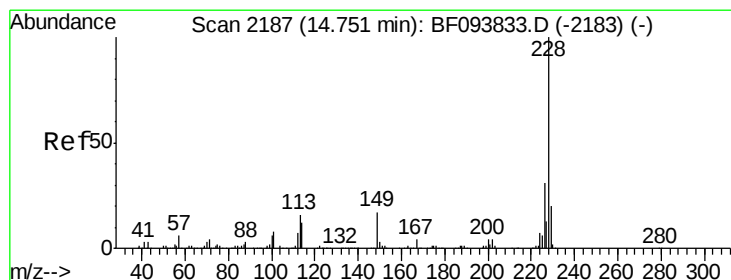
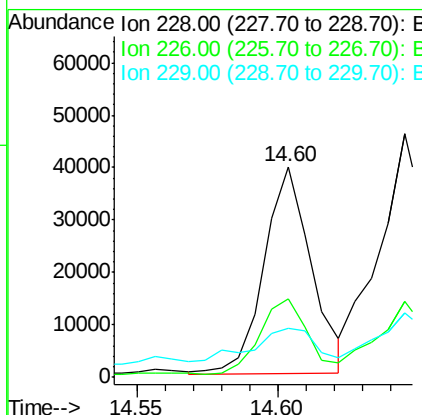
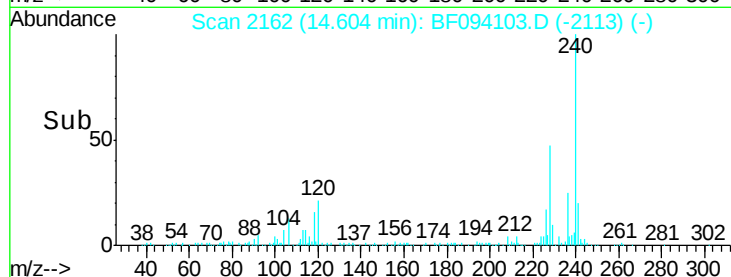
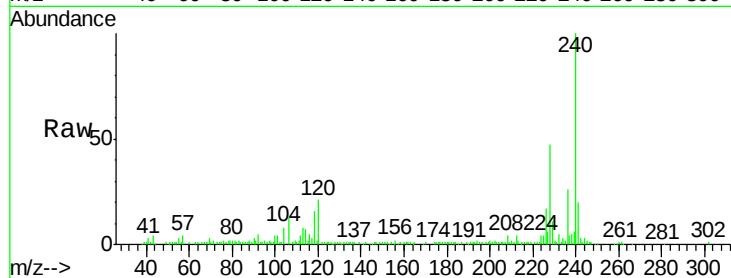
#80
Benzo(a)anthracene
Concen: 2.05 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.0	22.6	33.8#
229	23.4	16.3	24.5

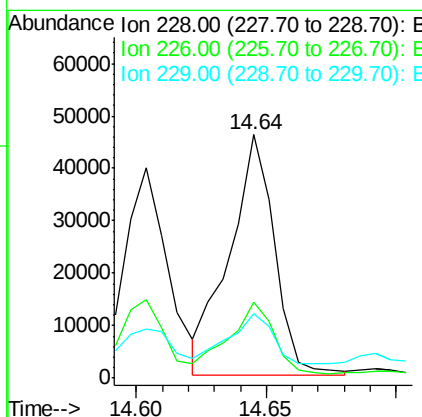
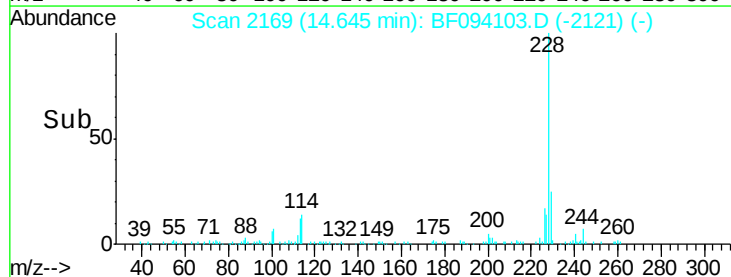
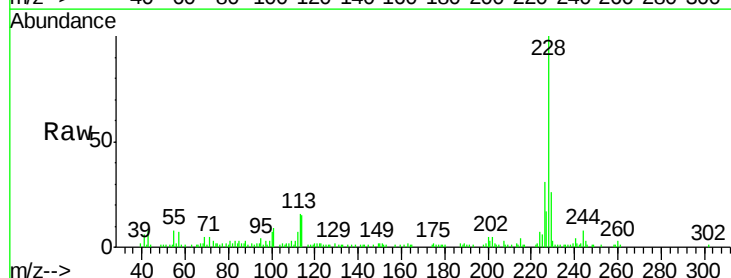
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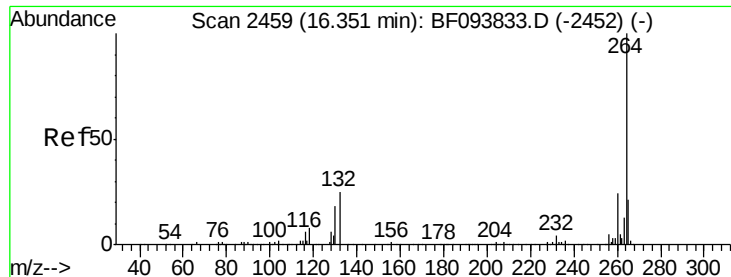
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#82
Chrysene
Concen: 2.71 ng m
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	26.5	15.8	23.6#





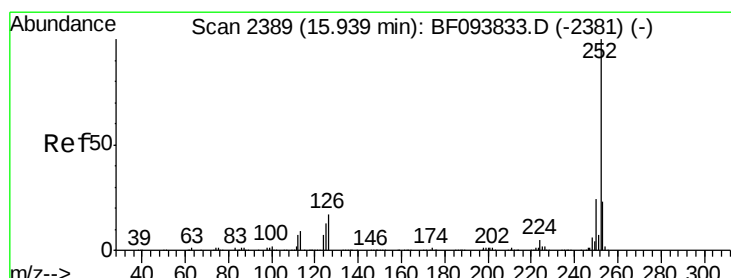
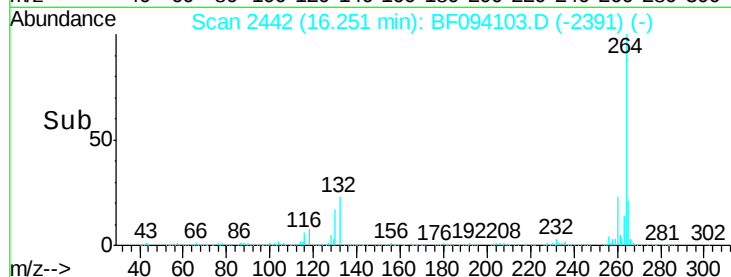
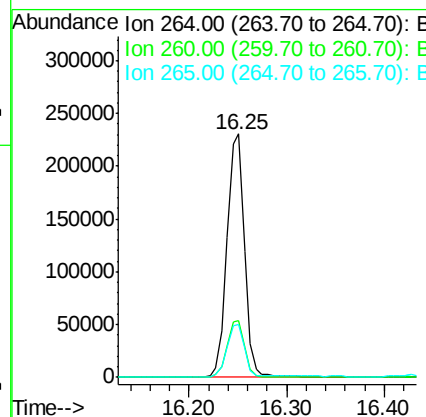
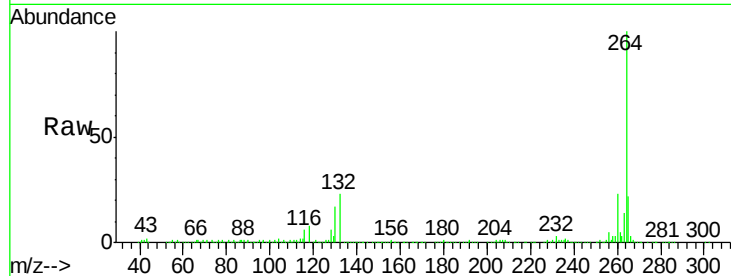
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

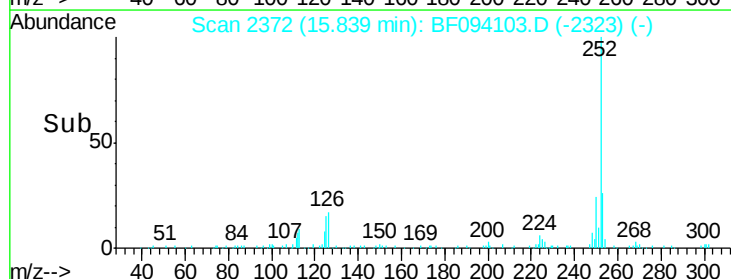
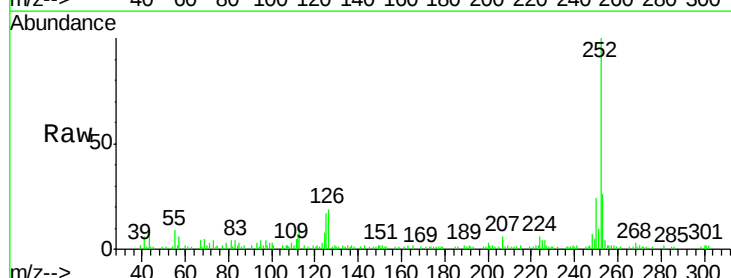
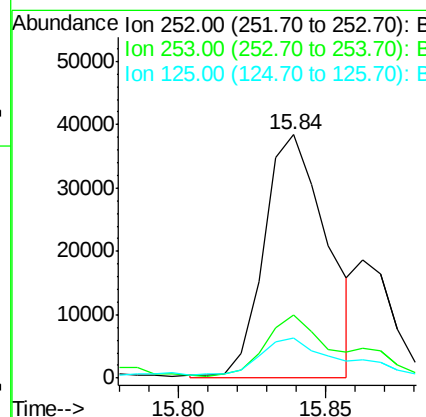
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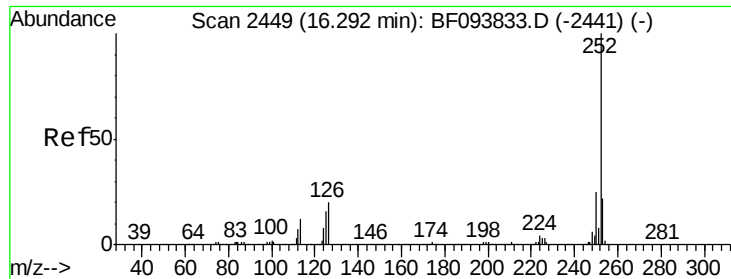
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#87
Benzo(b)fluoranthene
Concen: 3.21 ng m
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	16.7	9.8	14.8#





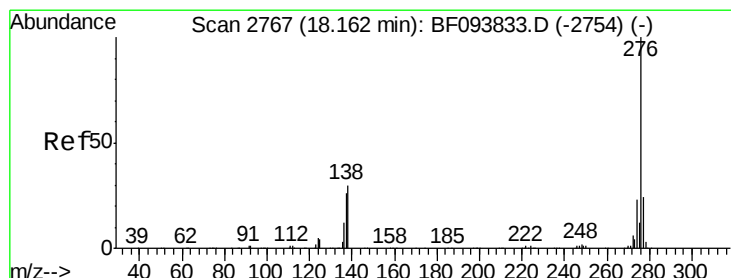
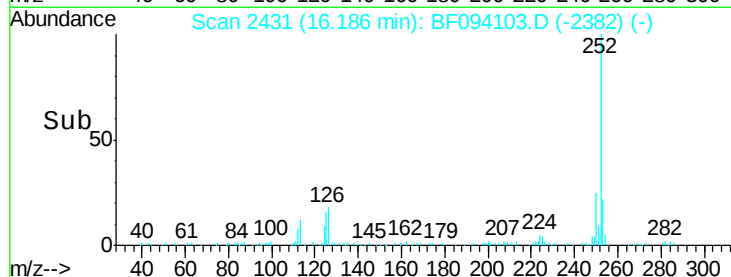
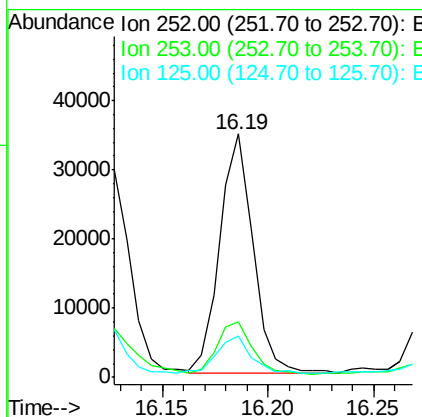
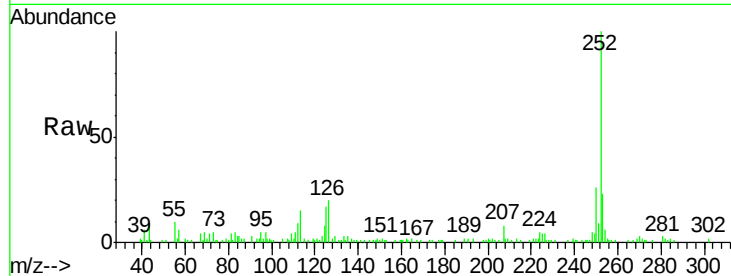
#89
Benzo(a)pyrene
Concen: 2.34 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
E2-R-Q-12-13-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	17.2	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 17.98 min Scan# 2736
Delta R.T. -0.03 min
Lab File: BF094103.D
Acq: 31 Mar 2017 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	32.5	25.4	38.0

