

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094702.D
 Acq On : 28 Apr 2017 23:41
 Operator : SJ/MA
 Sample : I2895-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP(0-2.0)

Manual Integrations
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Quant Time: Apr 29 04:14:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116069	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	443853	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	182941	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	280229	20.00	ng	0.00
75) Chrysene-d12	14.47	240	229583	20.00	ng	0.00
86) Perylene-d12	16.10	264	169046	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	984150	140.67	ng	0.03
7) Phenol-d6	5.40	99	1199905	145.48	ng	0.00
23) Nitrobenzene-d5	6.42	82	705749	98.18	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	188647	131.83	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1015189	81.65	ng	0.00
78) Terphenyl-d14	13.19	244	626360	72.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	104170	7.64	ng	99
70) Phenanthrene	11.25	178	35424	2.24	ng	98
74) Fluoranthene	12.71	202	101415	6.20	ng	98
77) Pyrene	12.98	202	91634	5.71	ng	97
80) Benzo(a)anthracene	14.46	228	42981	3.22	ng	95
82) Chrysene	14.50	228	45819	3.76	ng	97
83) Bis(2-ethylhexyl)phthalate	14.52	149	665910	70.56	ng	# 99
87) Benzo(b)fluoranthene	15.70	252	50336m	4.87	ng	
89) Benzo(a)pyrene	16.04	252	31891	3.31	ng	# 90
91) Benzo(g,h,i)perylene	17.77	276	19445	2.39	ng	94

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

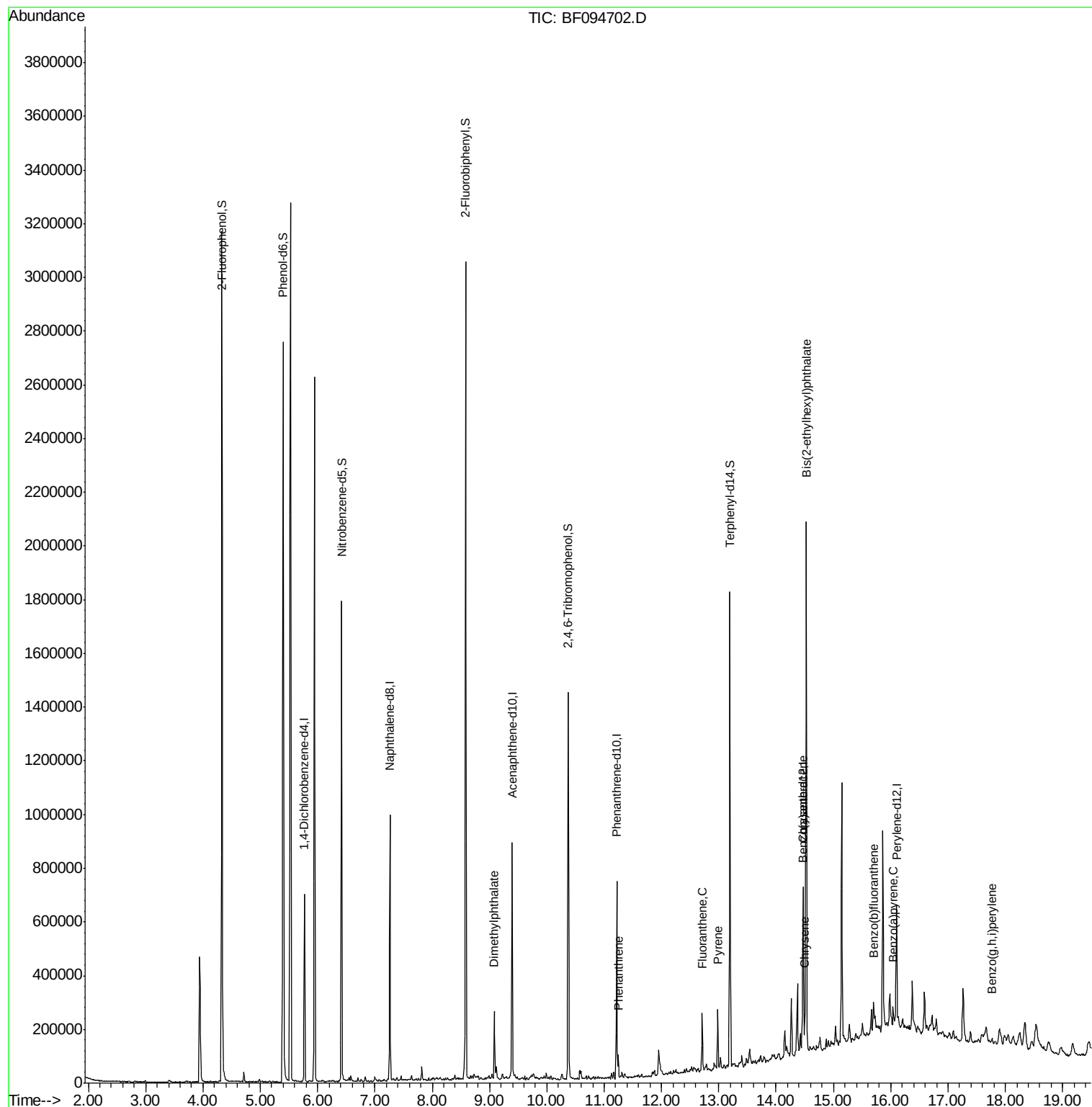
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094702.D
Acq On : 28 Apr 2017 23:41
Operator : SJ/MA
Sample : I2895-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

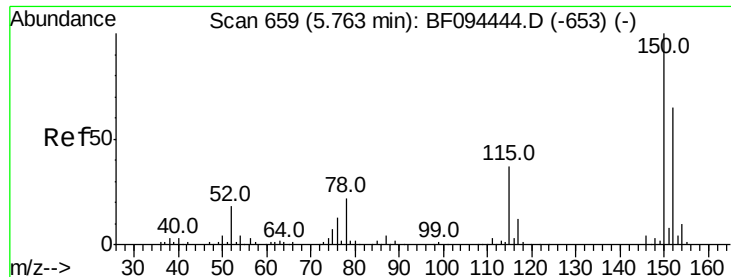
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

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#1

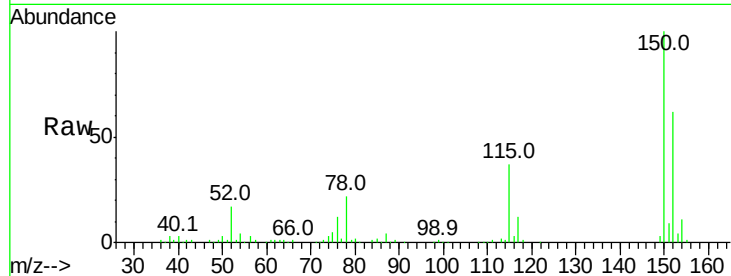
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

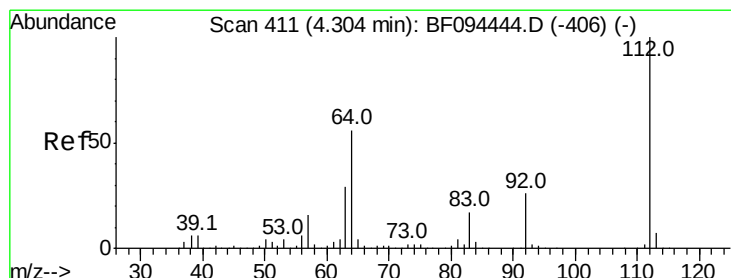
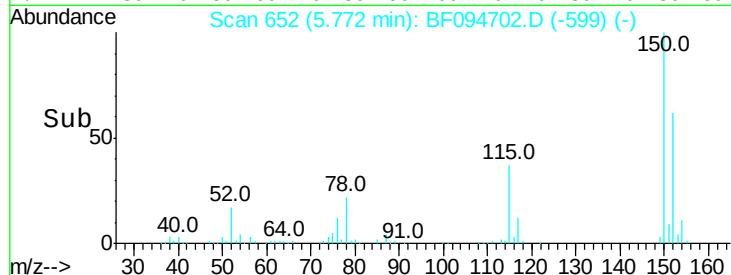
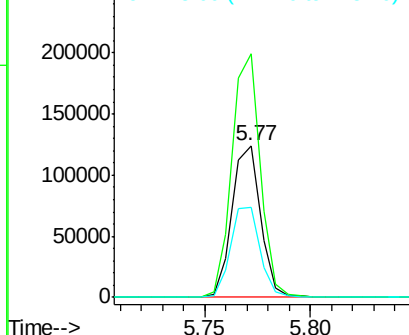
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	59.5	52.2	78.2

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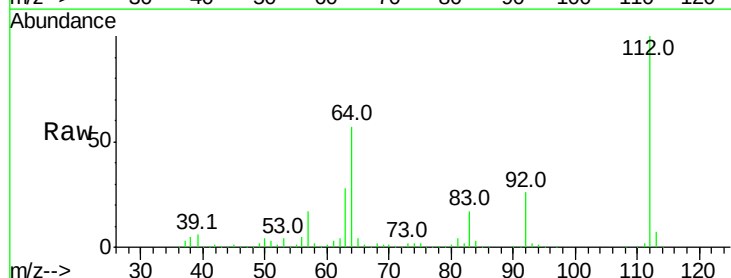
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



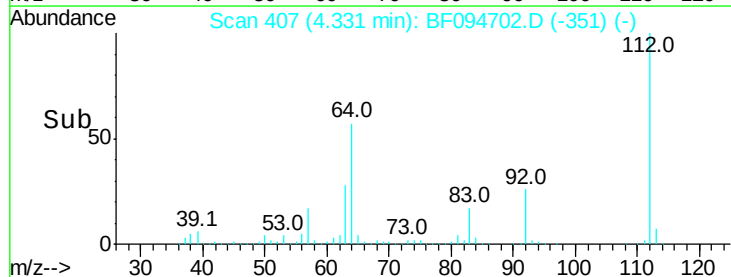
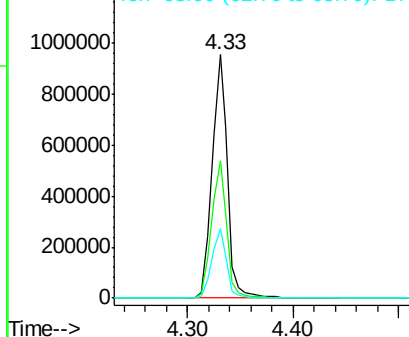
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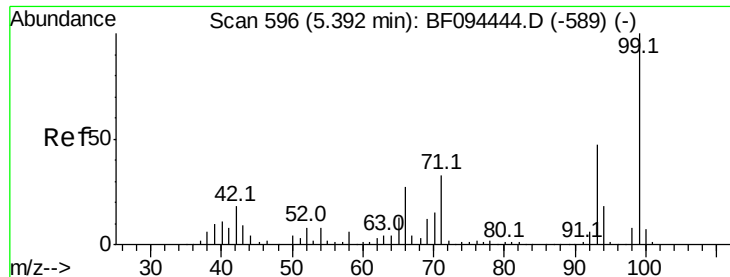
2-Fluorophenol
Concen: 140.67 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	28.5	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: 145.48 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094702.D

Acq: 28 Apr 2017 23:41

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP(0-2.0)

Tot Ion: 99 Resp: 1199905

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

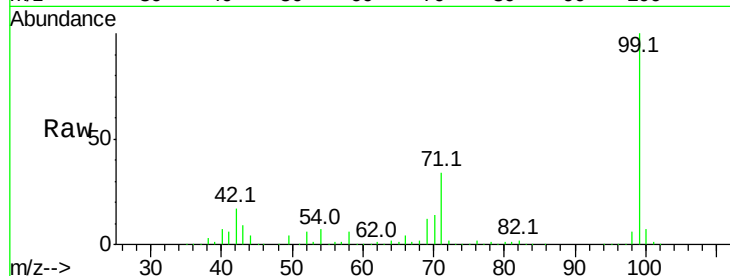
71 33.6 24.5 36.7

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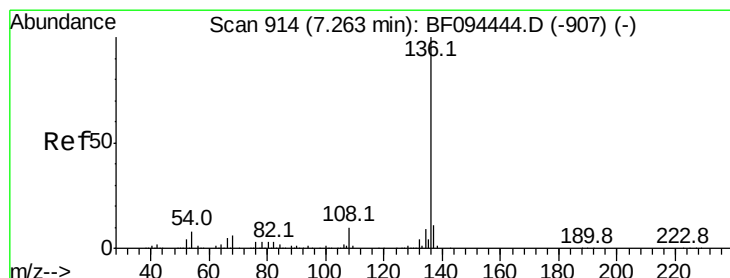
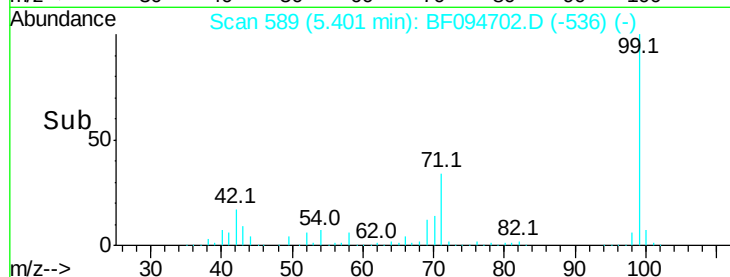
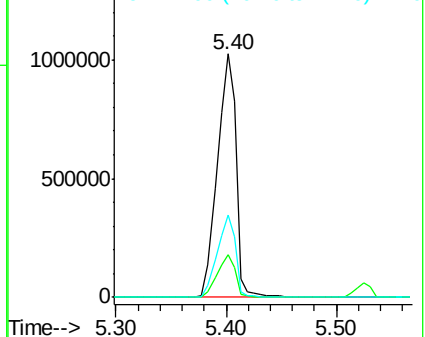
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094702.D

Acq: 28 Apr 2017 23:41

Tgt Ion: 136 Resp: 443853

Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

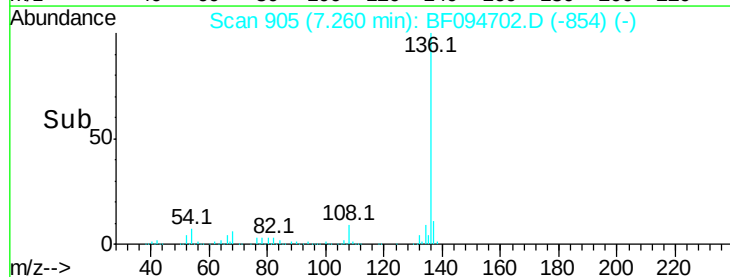
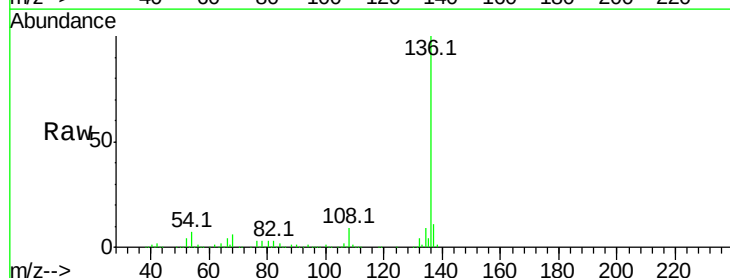
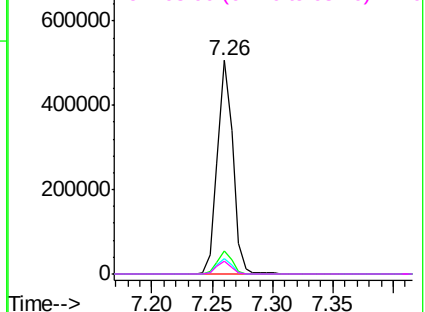
68 5.7 4.1 6.1

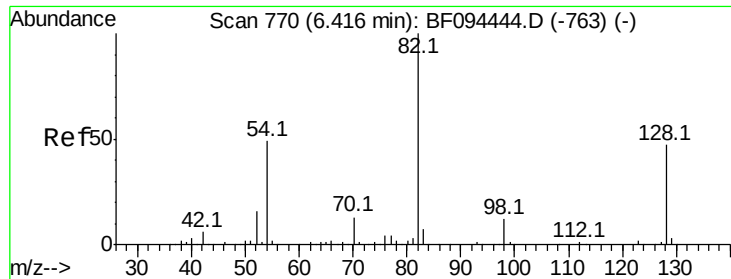
Abundance Ion 136.00 (135.70 to 136.70): E

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





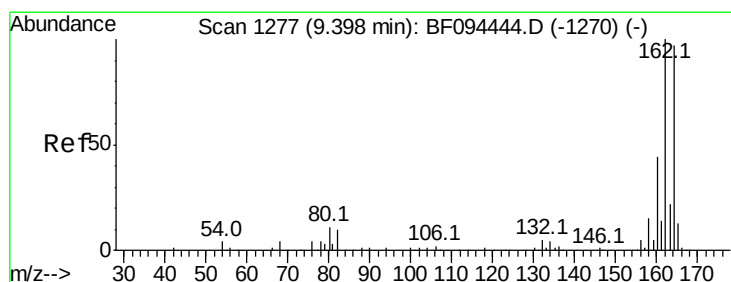
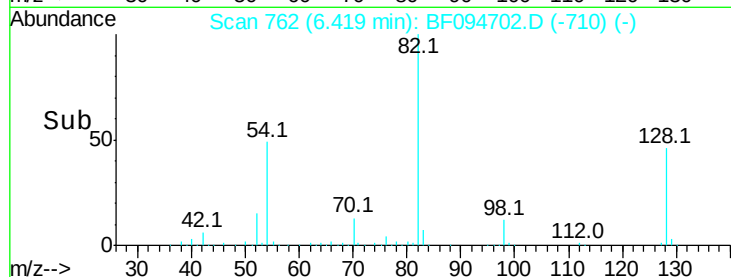
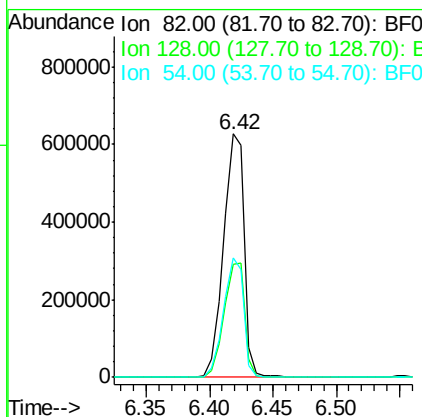
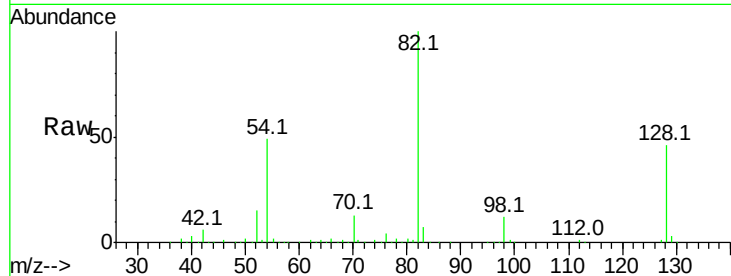
#23
 Nitrobenzene-d5
 Concen: 98.18 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094702.D
 Acq: 28 Apr 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	48.8	42.2	63.2

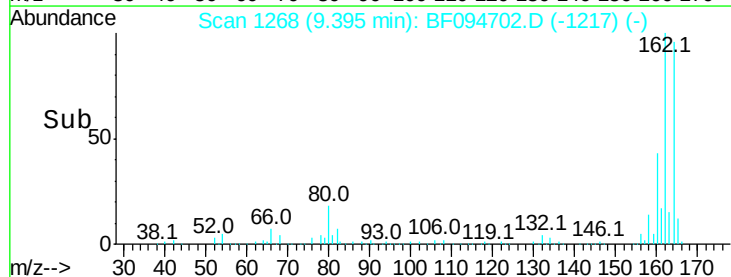
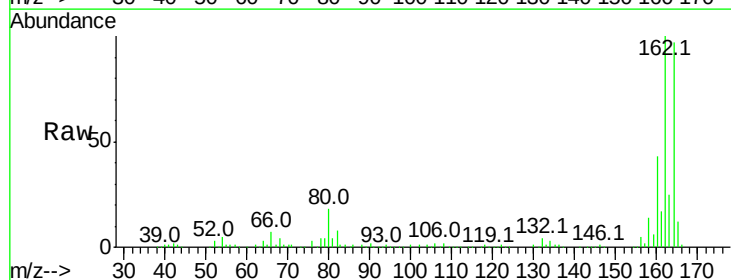
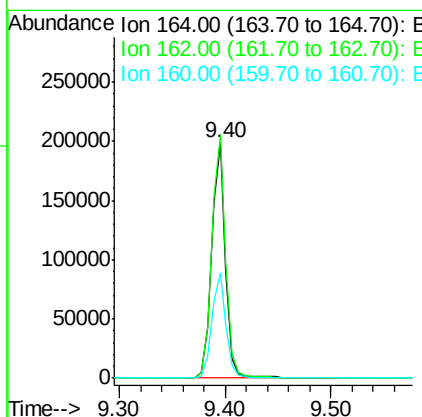
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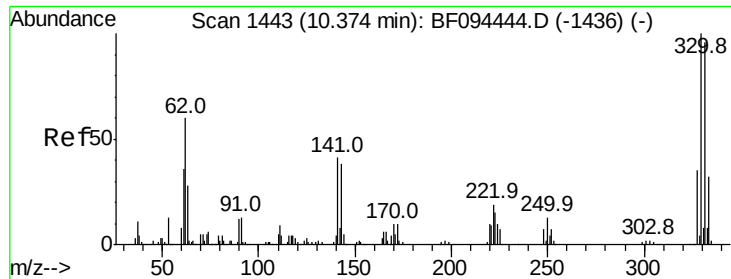
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094702.D
 Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	44.8	36.2	54.2





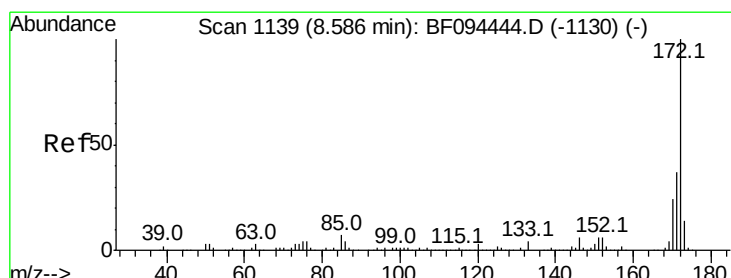
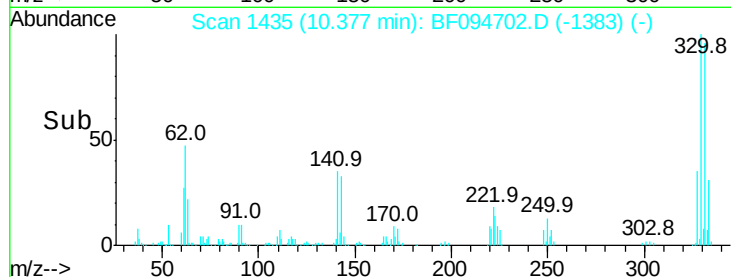
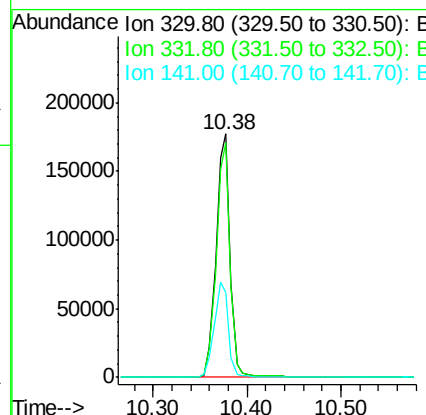
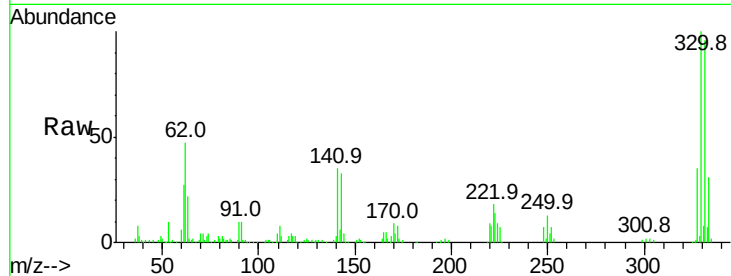
#41
 2,4,6-Tribromophenol
 Concen: 131.83 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094702.D
 Acq: 28 Apr 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	39.4	31.4	47.2

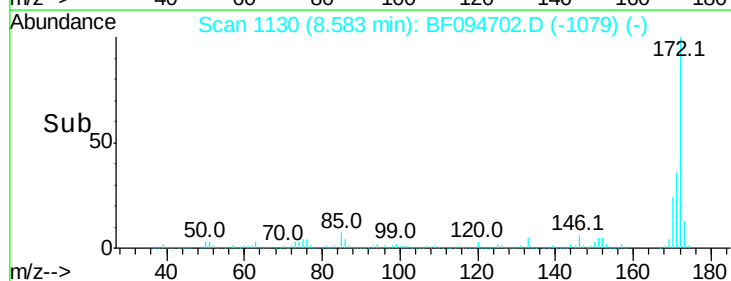
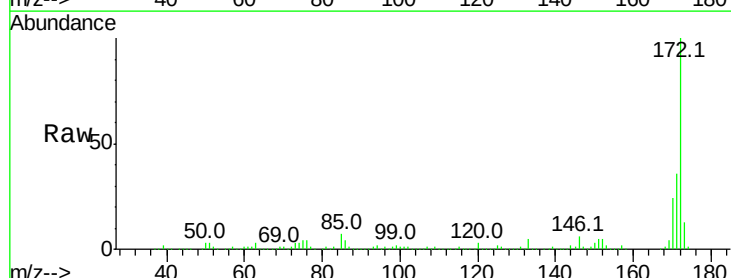
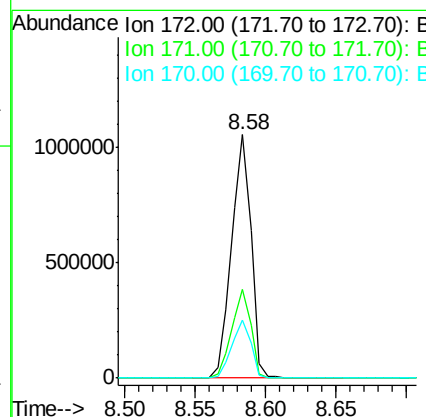
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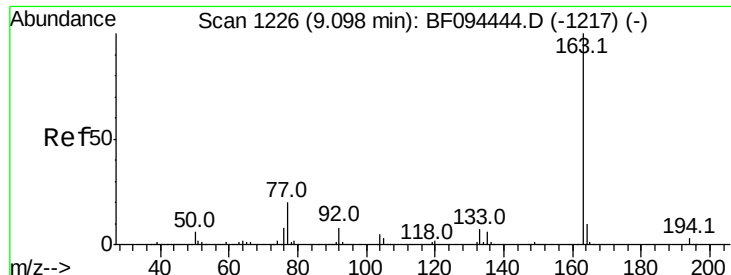
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#44
 2-Fluorobiphenyl
 Concen: 81.65 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094702.D
 Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8





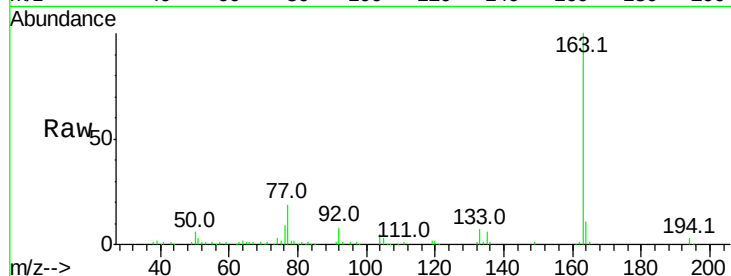
#49
Dimethylphthalate
Concen: 7.64 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

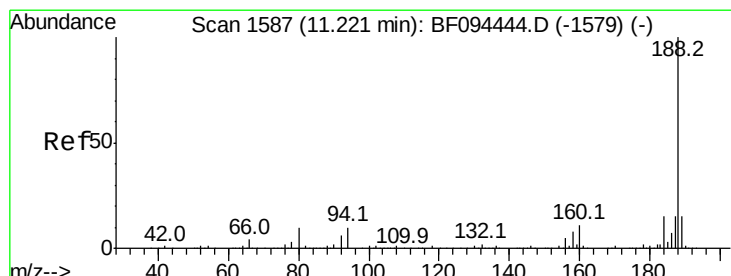
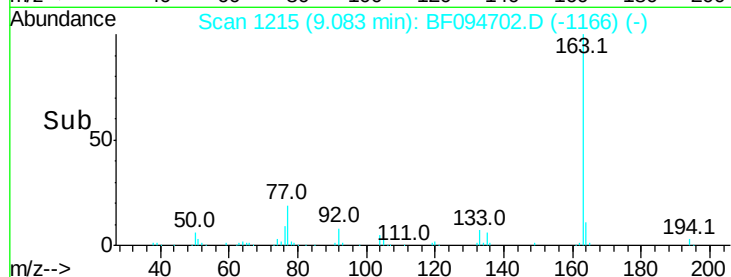
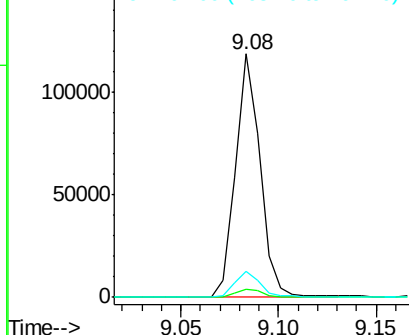
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.7	8.4	12.6	

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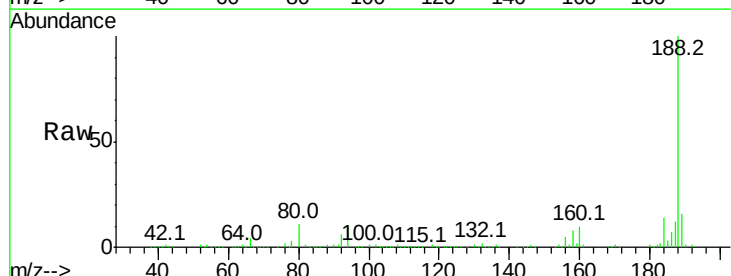


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

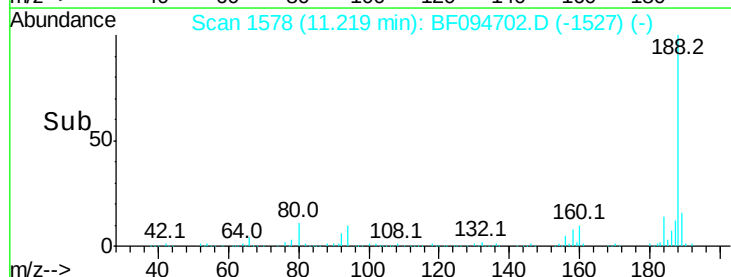
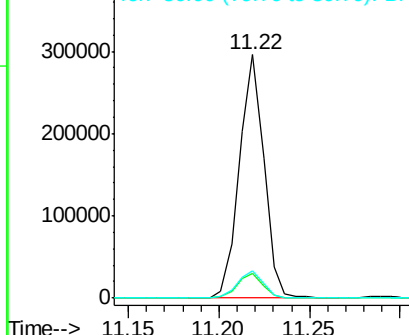


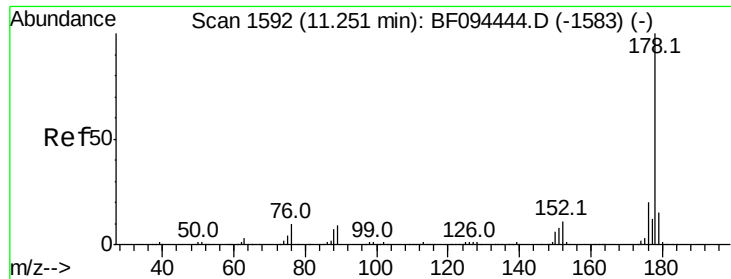
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	9.4	14.2	
80	11.3	10.2	15.2	



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





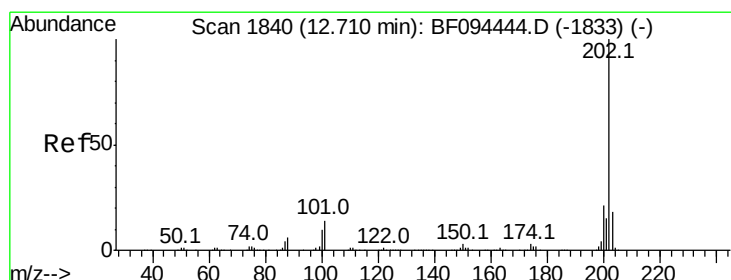
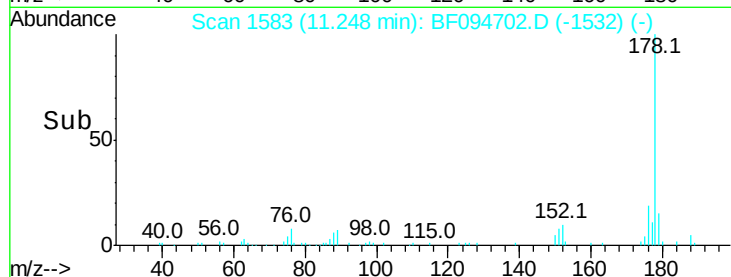
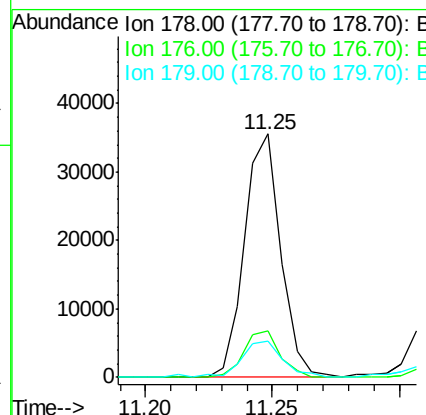
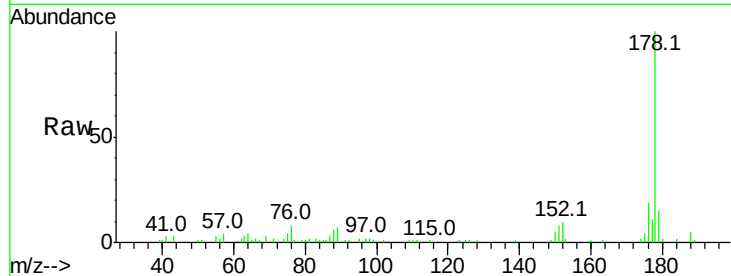
#70
Phenanthrene
Concen: 2.24 ng
RT: 11.25 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.0	12.6	19.0

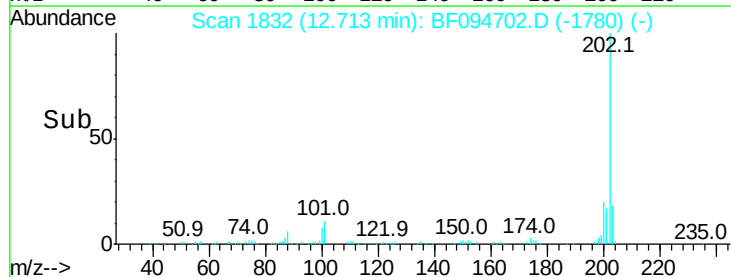
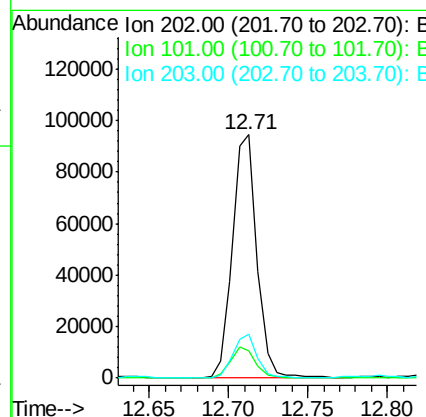
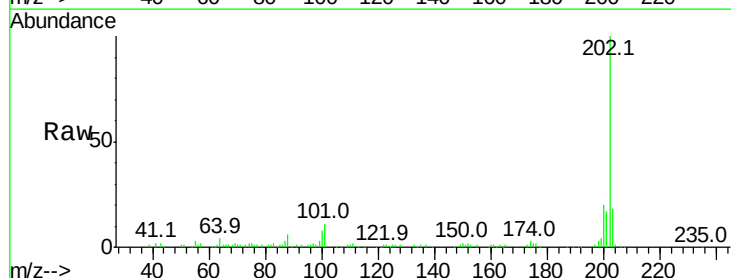
Manual Integrations
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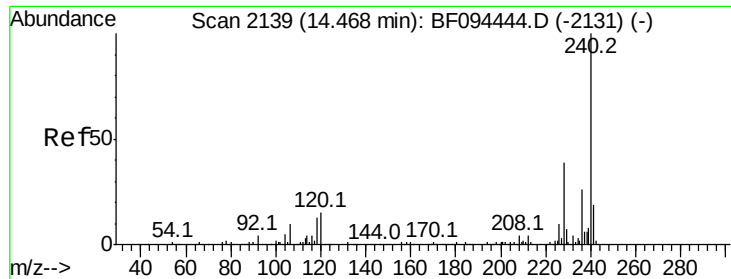
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#74
Fluoranthene
Concen: 6.20 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.8	0.0	38.1





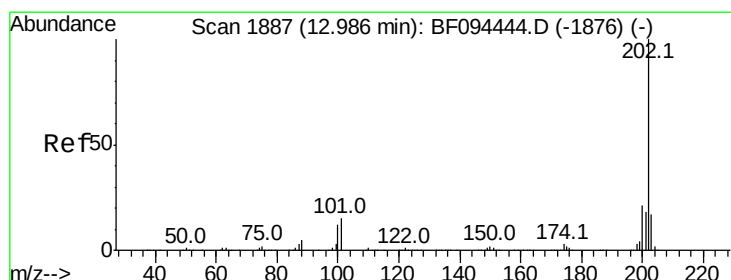
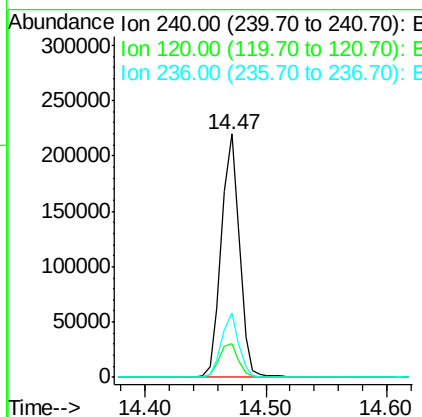
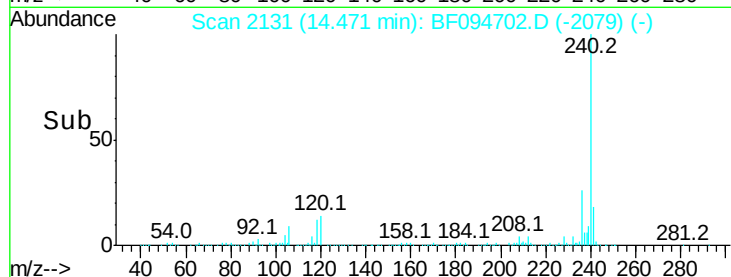
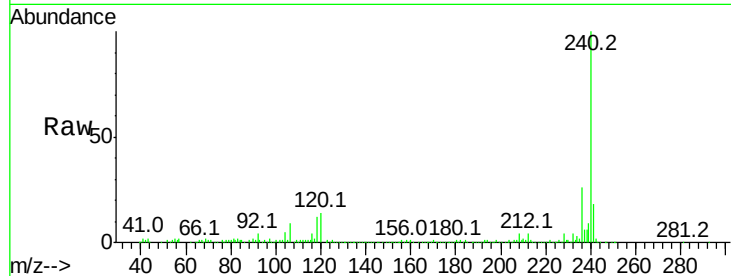
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	26.2	20.5	30.7

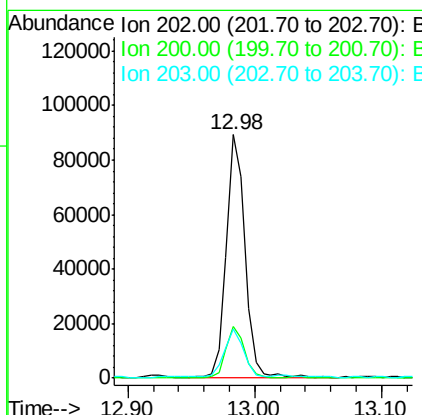
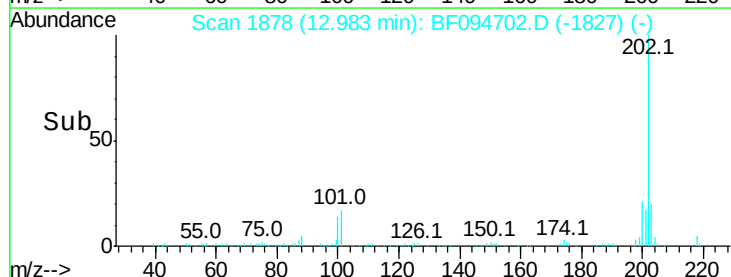
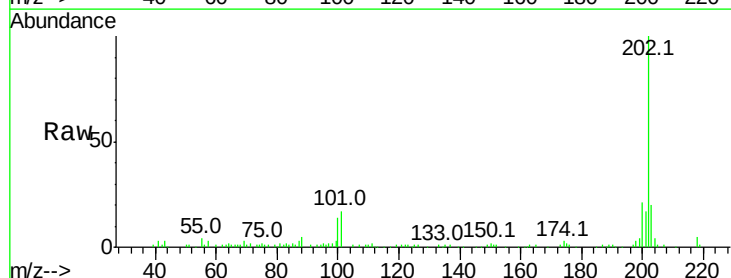
Manual Integrations
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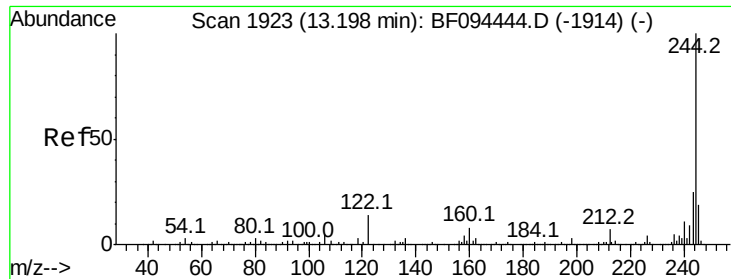
mohammad
5/1/2017 6:40:52 PM



#77
Pyrene
Concen: 5.71 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.0	14.4	21.6





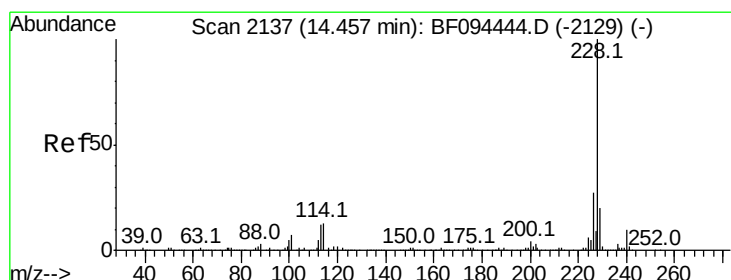
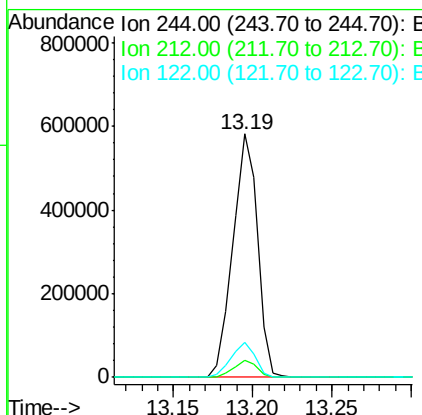
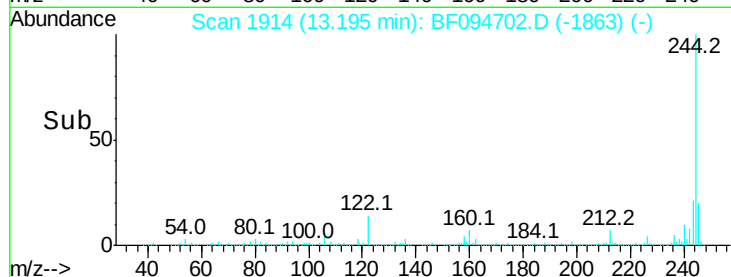
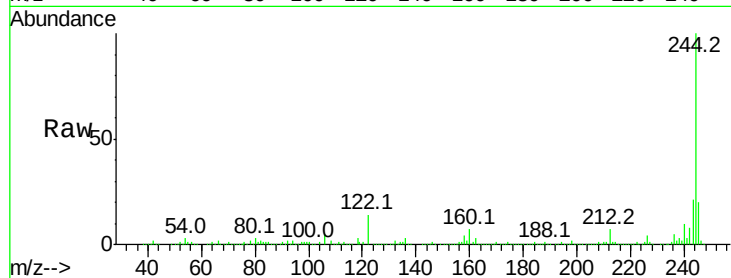
#78
 Terphenyl-d14
 Concen: 72.92 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094702.D
 Acq: 28 Apr 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5

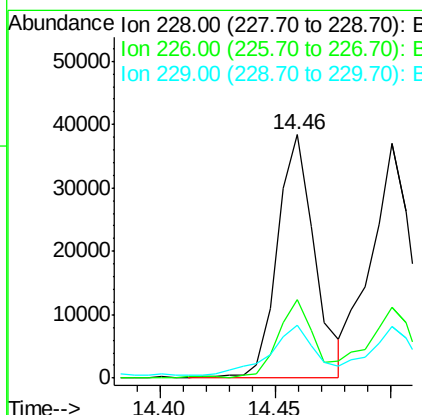
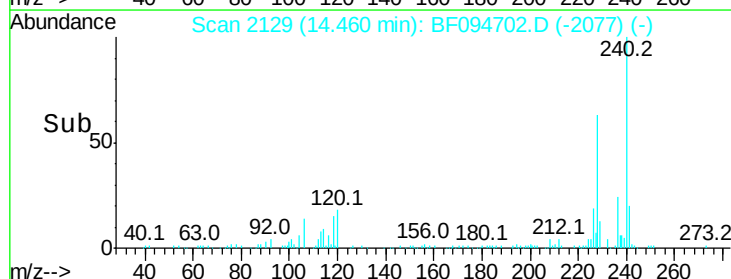
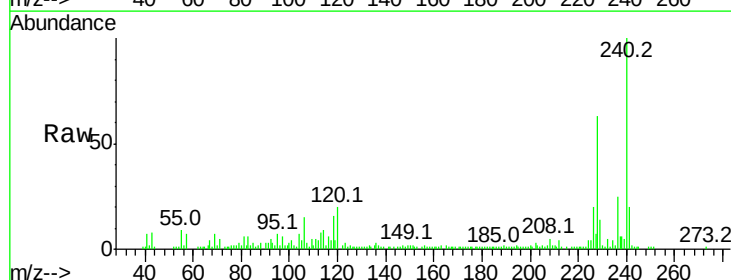
Manual Integrations
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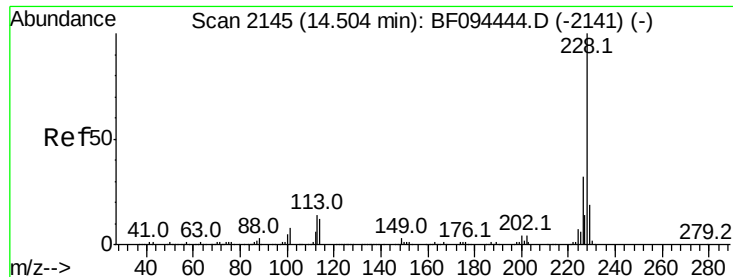
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.22 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF094702.D
 Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	21.6	16.3	24.5





#82

Chrysene

Concen: 3.76 ng

RT: 14.50 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF094702.D

Acq: 28 Apr 2017 23:41

Instrument :

BNA_F

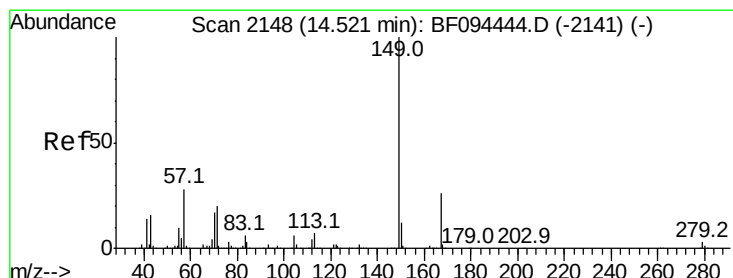
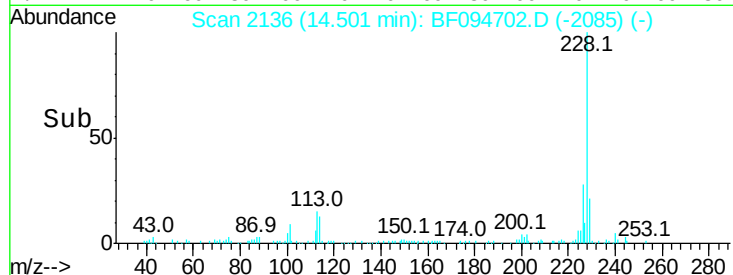
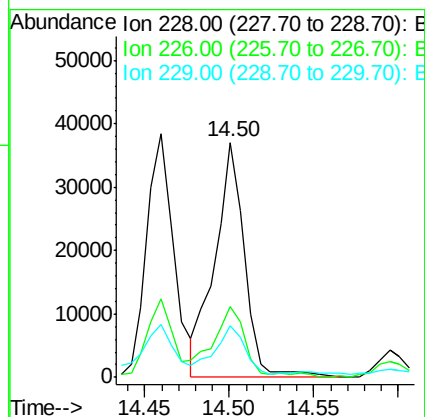
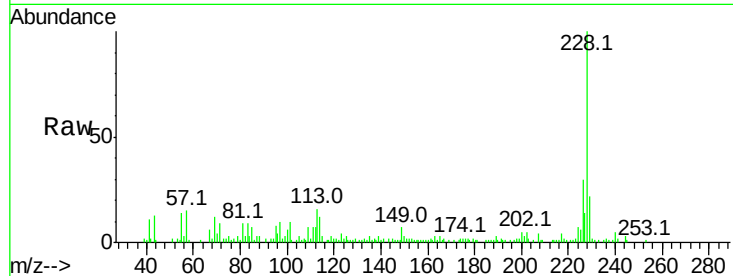
ClientSampleId :

SB-08-COMP(0-2.0)

Tot Ion:228	Resp:	45819
Ion Ratio	Lower	Upper
228 100		
226 30.1	24.9	37.3
229 22.0	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 70.56 ng

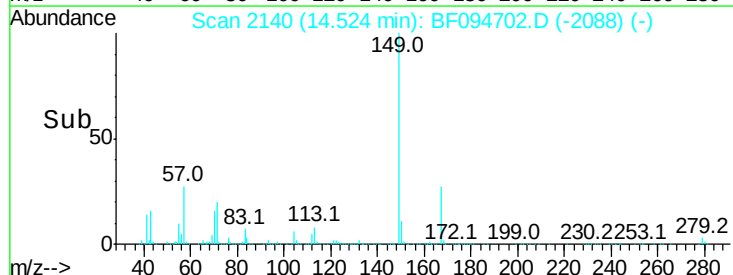
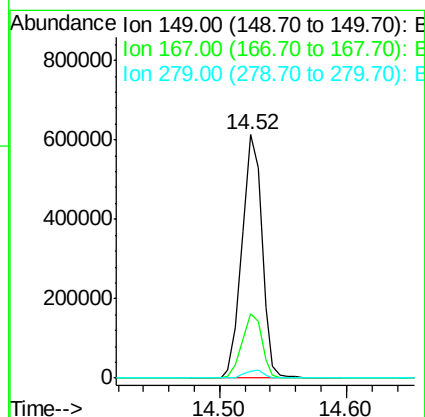
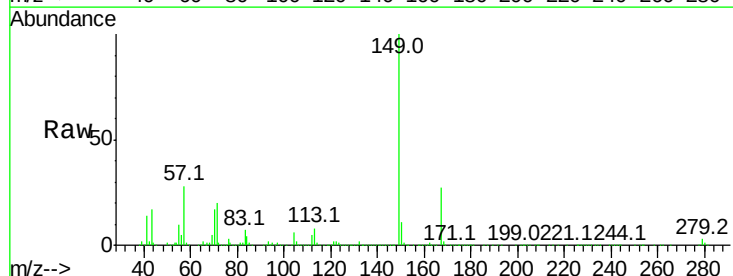
RT: 14.52 min Scan# 2140

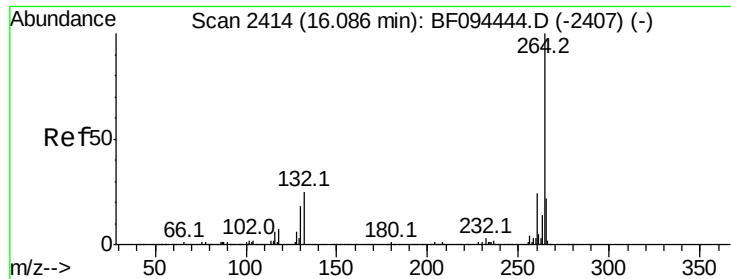
Delta R.T. 0.00 min

Lab File: BF094702.D

Acq: 28 Apr 2017 23:41

Tgt Ion:149	Resp:	665910
Ion Ratio	Lower	Upper
149 100		
167 26.6	21.0	31.4
279 2.9	1.9	2.9#





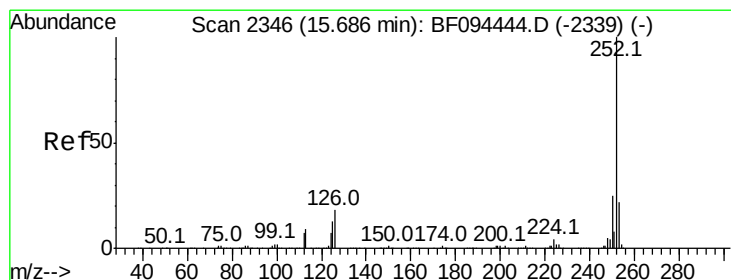
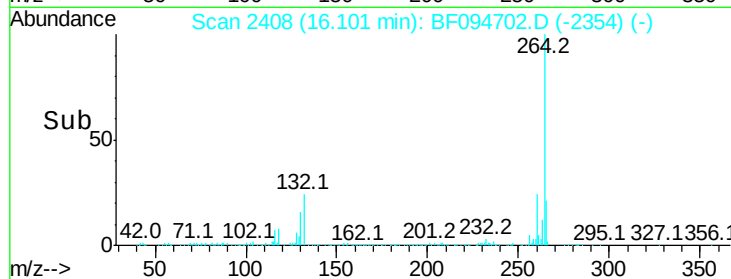
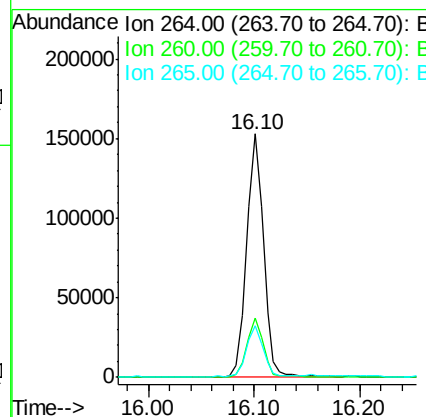
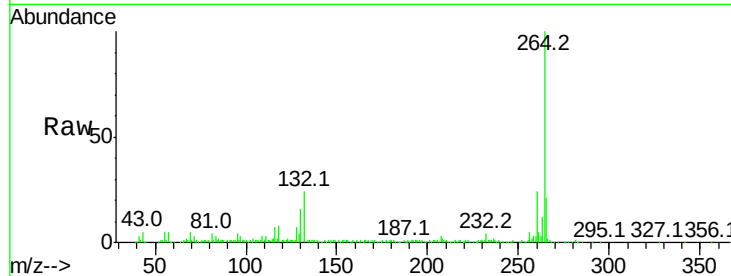
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.2	25.8

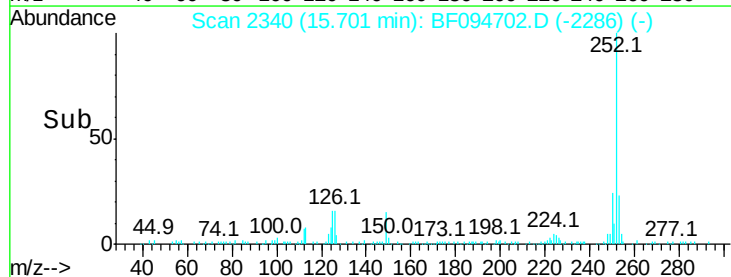
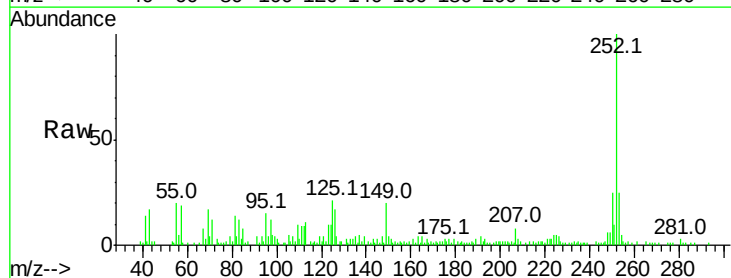
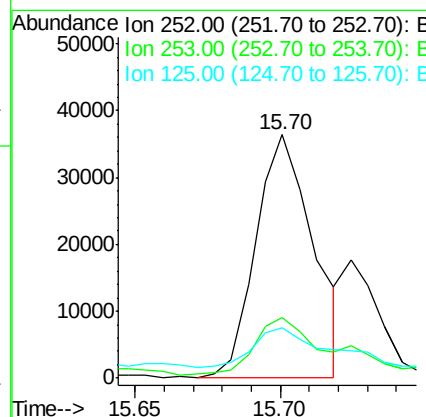
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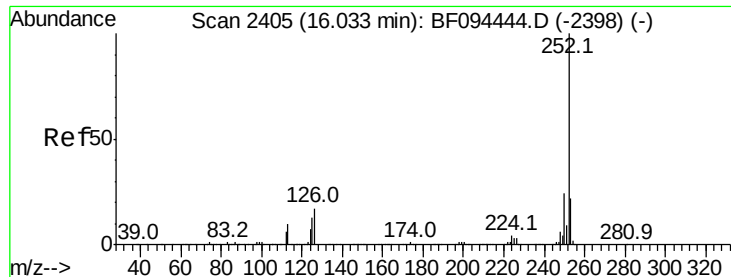
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#87
Benzo(b)fluoranthene
Concen: 4.87 ng m
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	20.7	9.8	14.8





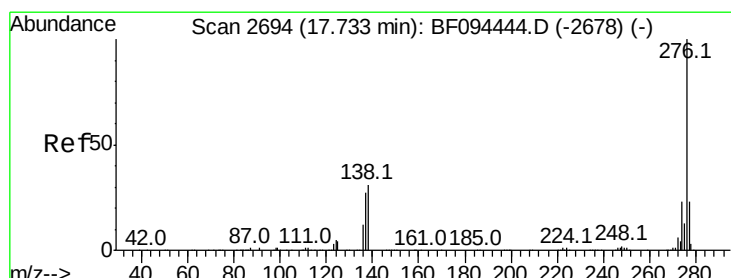
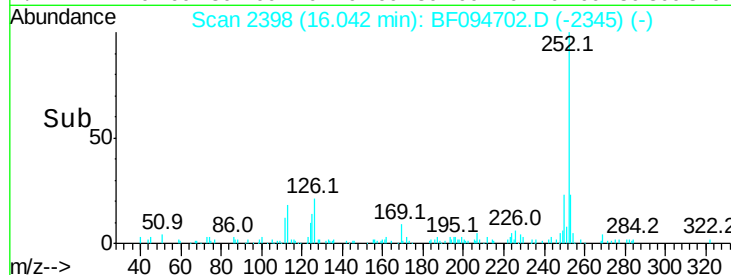
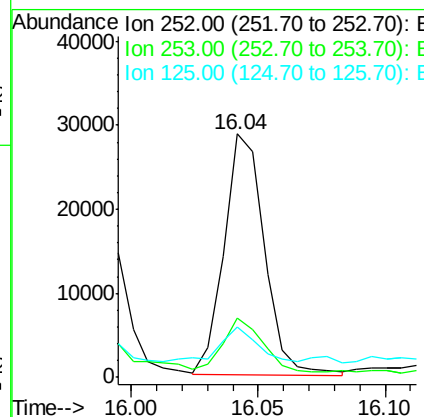
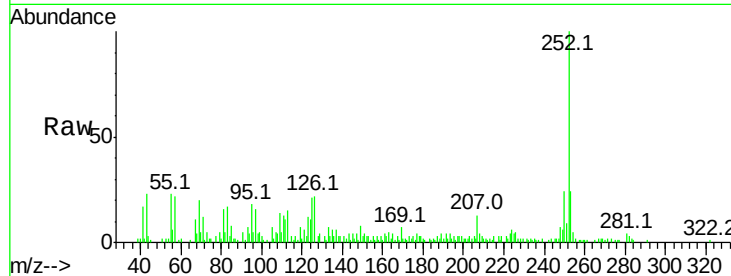
#89
Benzo(a)pyrene
Concen: 3.31 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP(0-2.0)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	20.6	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.39 ng
RT: 17.77 min Scan# 2692
Delta R.T. 0.04 min
Lab File: BF094702.D
Acq: 28 Apr 2017 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	28.3	25.4	38.0

