

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093050.D
 Acq On : 21 Feb 2017 1:17
 Operator : SJ/MA
 Sample : I1913-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

Manual Integrations
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 2/21/2017 3:57:42 PM

Quant Time: Feb 21 03:09:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155710	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	597214	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	288705	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	478496	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	316539	20.00	ng	-0.01
86) Perylene-d12	15.44	264	274438	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1207893	133.09	ng	0.00
7) Phenol-d6	6.49	99	1458454	124.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	885617	82.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	273368	130.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1572595	98.68	ng	0.00
78) Terphenyl-d14	12.96	244	1096270	81.38	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	57759	4.23	ng	Qvalue # 69
49) Dimethylphthalate	9.62	163	620618	31.91	ng	99
70) Phenanthrene	11.39	178	174523	6.37	ng	98
74) Fluoranthene	12.58	202	247147	8.74	ng	97
77) Pyrene	12.81	202	208801	8.81	ng	98
80) Benzo(a)anthracene	14.00	228	75881m	3.92	ng	
82) Chrysene	14.03	228	67475m	3.72	ng	
85) Indeno(1,2,3-cd)pyrene	16.83	276	39941	2.84	ng	95
87) Benzo(b)fluoranthene	15.03	252	74121m	4.10	ng	
89) Benzo(a)pyrene	15.37	252	53813	3.44	ng	# 93
91) Benzo(g,h,i)perylene	17.25	276	35444	2.78	ng	# 91

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

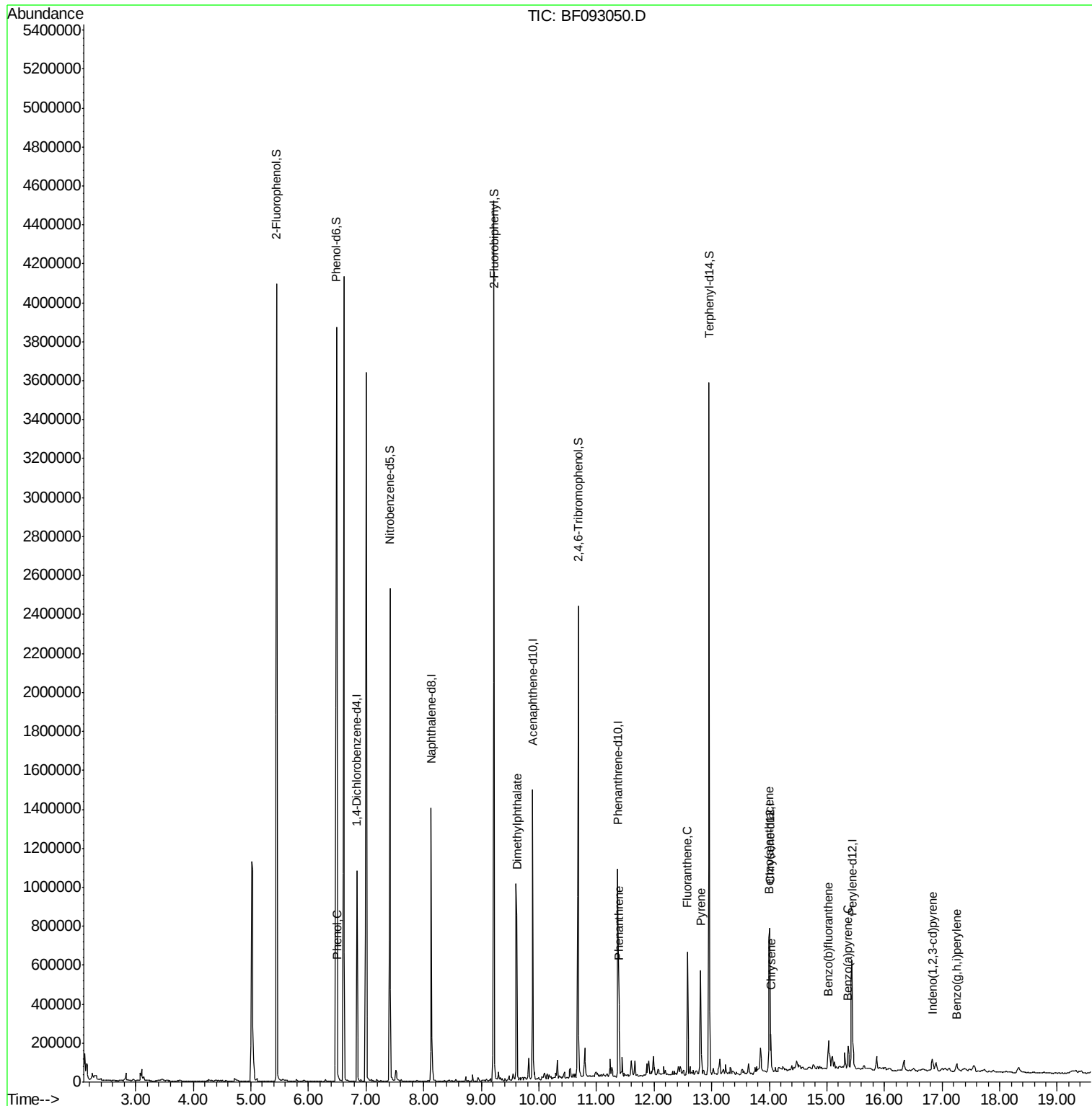
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093050.D
Acq On : 21 Feb 2017 1:17
Operator : SJ/MA
Sample : I1913-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

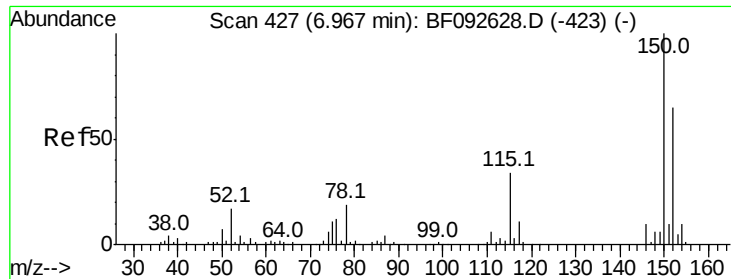
Instrument :
BNA_F
ClientSampleID :
SP-ABCD-COMP

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Quant Time: Feb 21 03:09:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

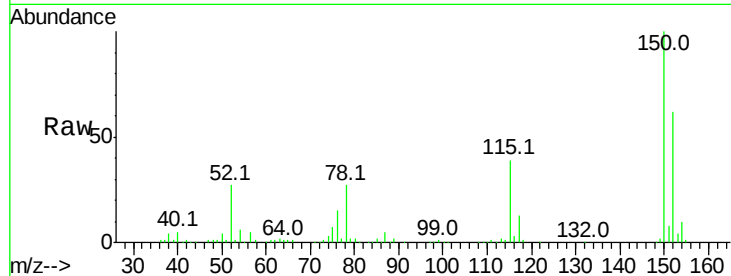
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093050.D
 Acq: 21 Feb 2017 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

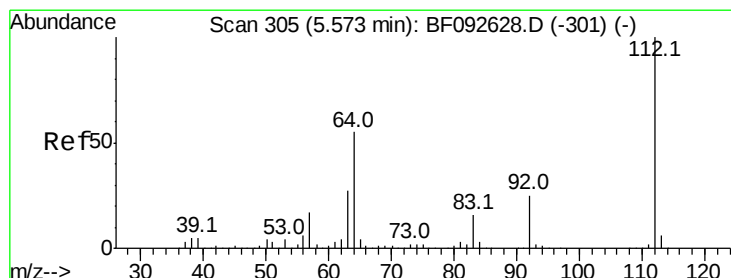
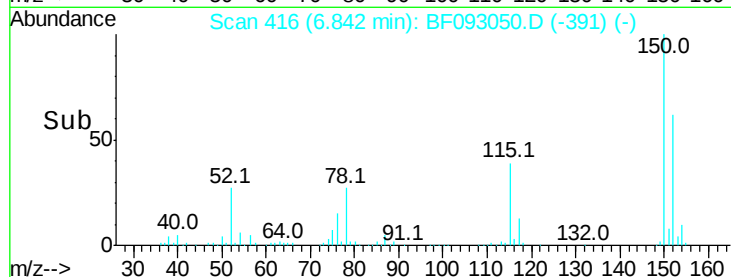
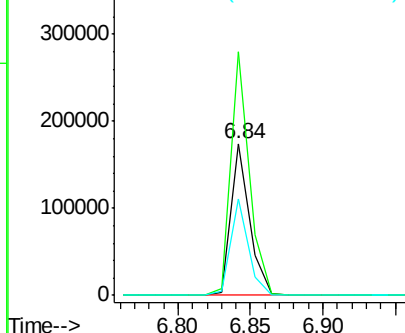
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.9	187.3
115	63.1	46.0	69.0

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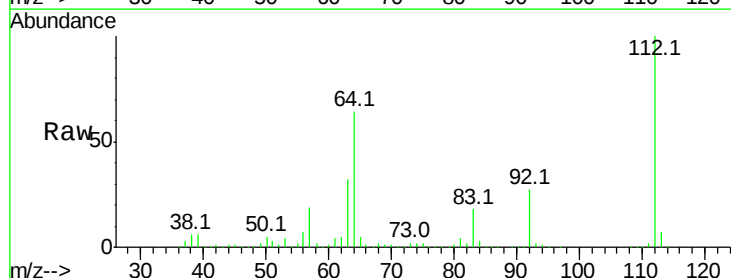
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



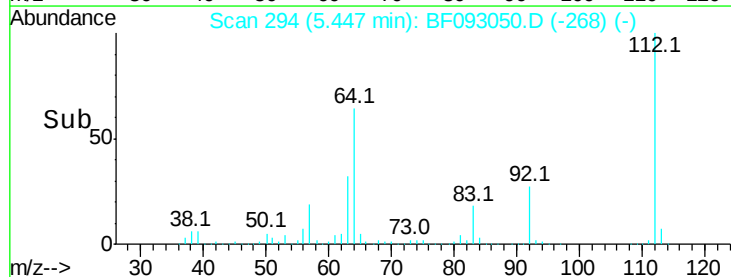
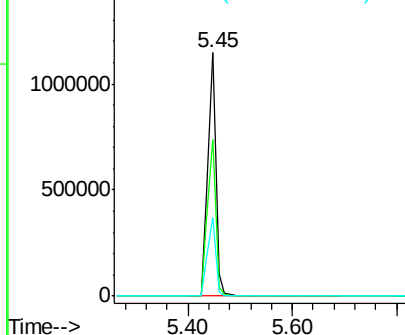
#5

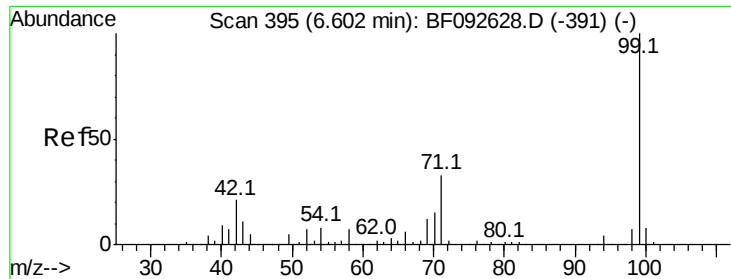
2-Fluorophenol
 Concen: 133.09 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF093050.D
 Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.1	69.1
63	32.2	23.8	35.6



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: 124.89 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMP

Tot Ion: 99 Resp: 1458454

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

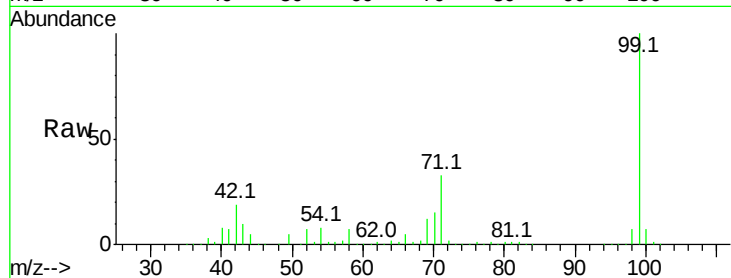
71 32.9 27.5 41.3

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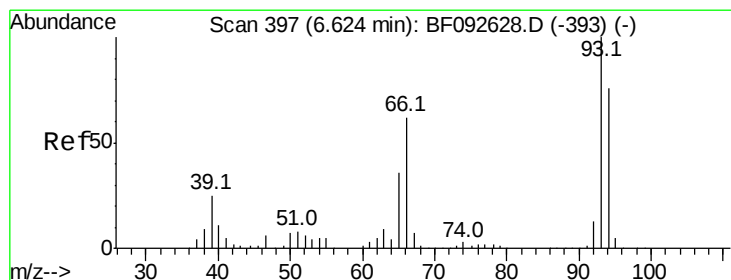
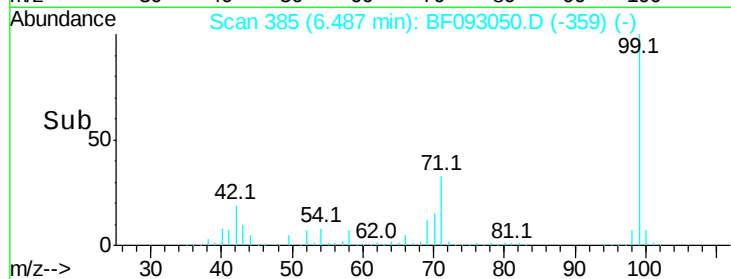
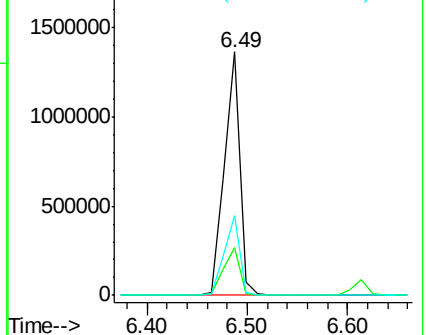
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.23 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

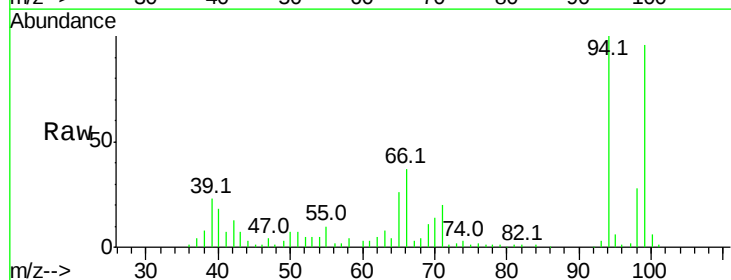
Tgt Ion: 94 Resp: 57759

Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

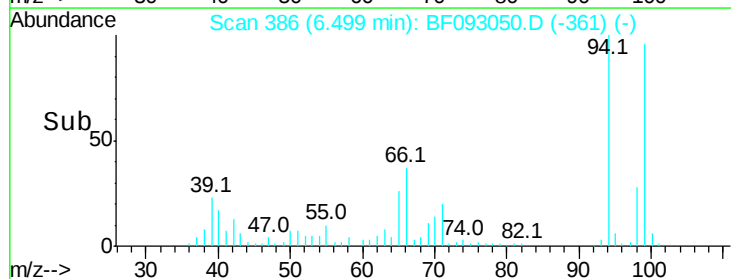
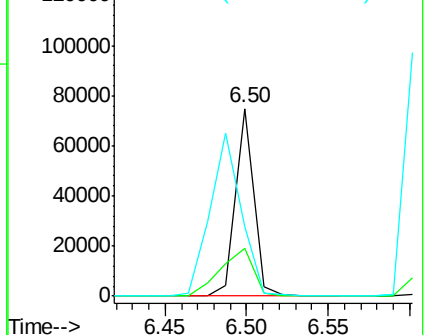
66 37.0 44.0 84.0#



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





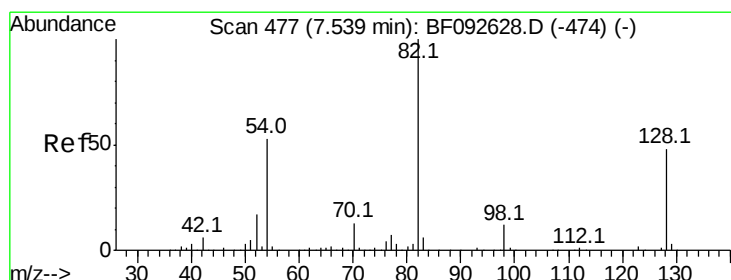
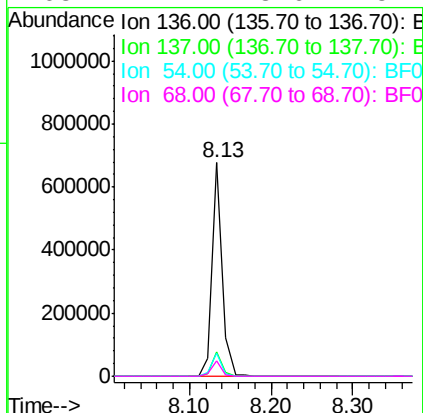
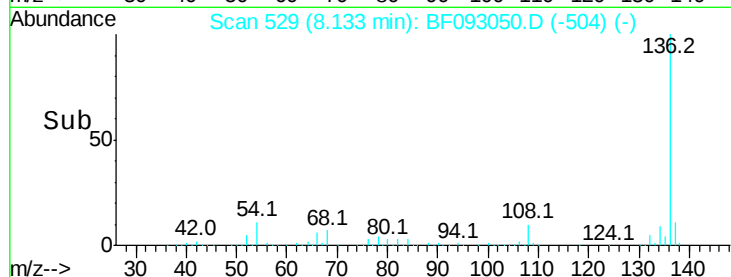
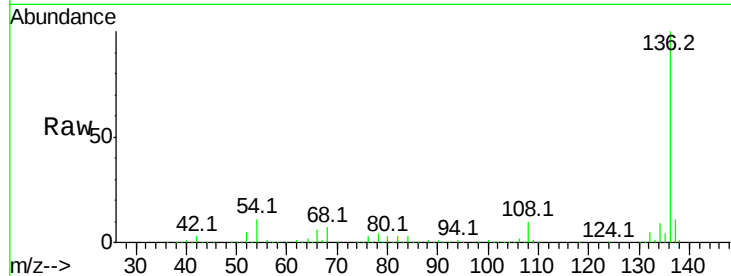
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	597214		
137	11.1		8.4	12.6
54	10.5		4.5	6.7#
68	7.4		3.6	5.4#

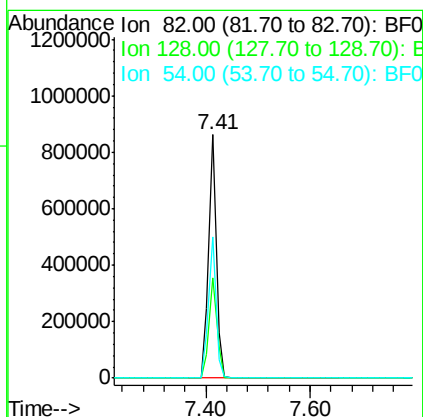
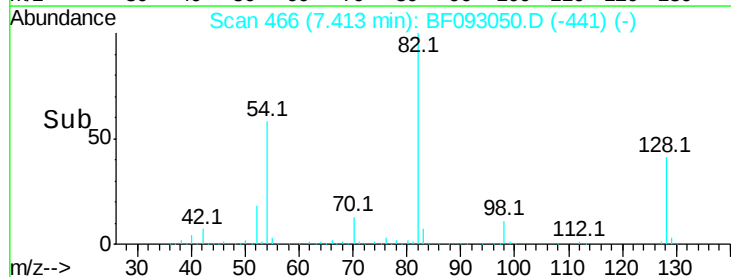
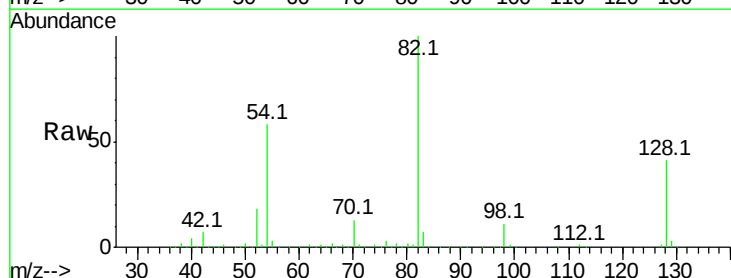
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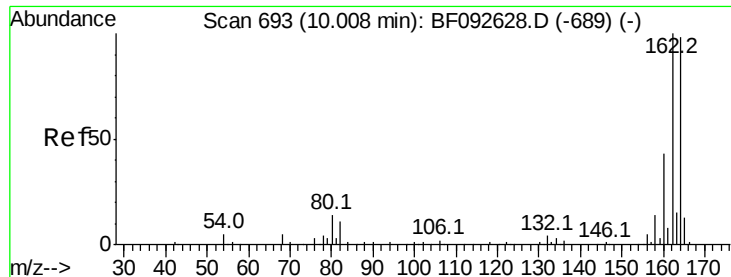
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#23
Nitrobenzene-d5
Concen: 82.58 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	885617		
128	41.3		34.6	52.0
54	57.8		39.5	59.3





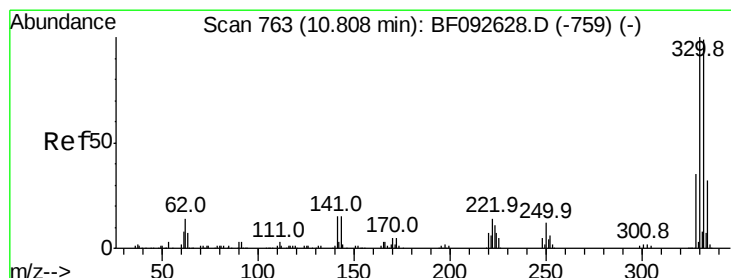
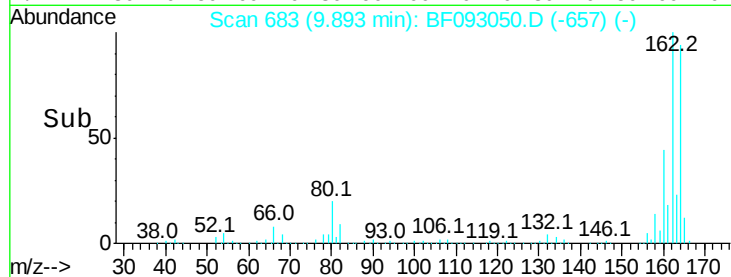
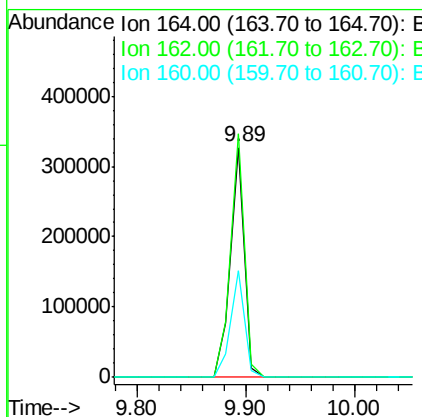
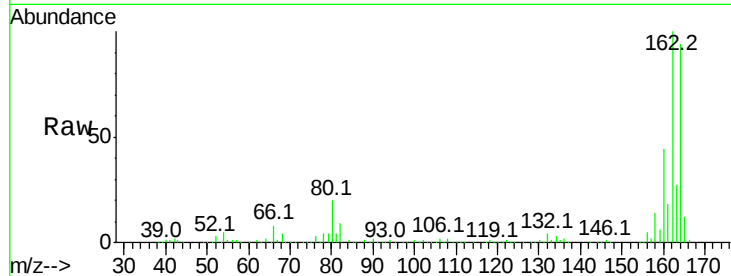
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	288705		
162	106.0	80.2	120.2	
160	46.2	36.9	55.3	

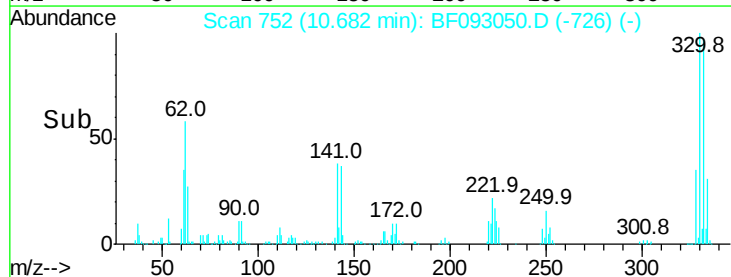
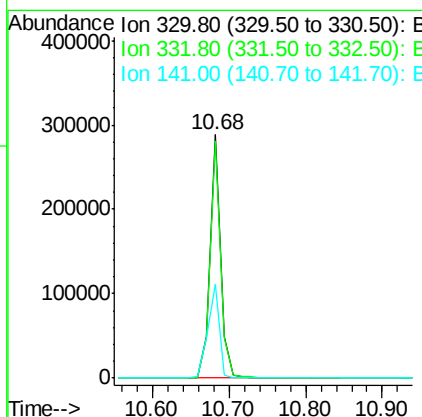
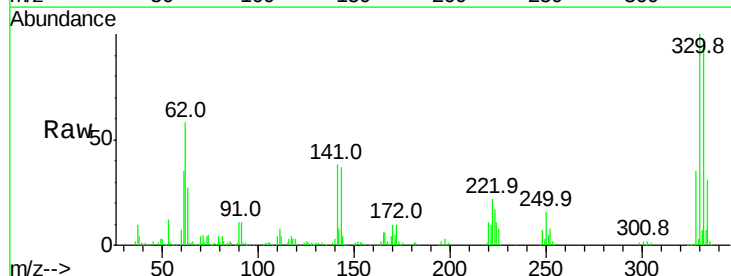
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#41
2,4,6-Tribromophenol
Concen: 130.92 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	273368		
332	97.2	77.4	116.2	
141	42.0	34.1	51.1	





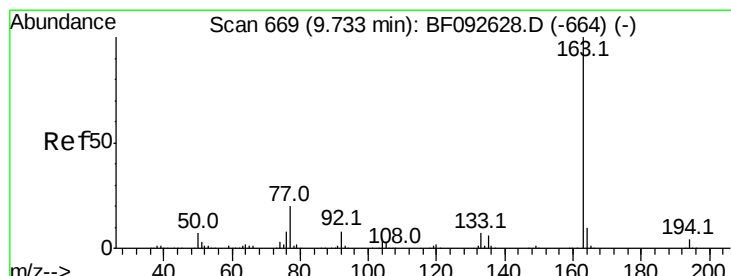
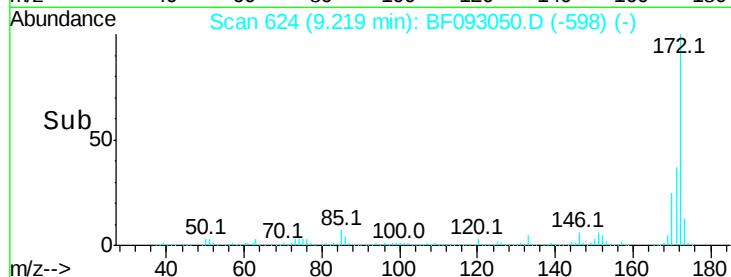
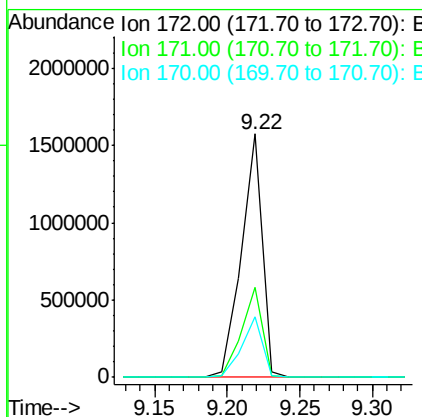
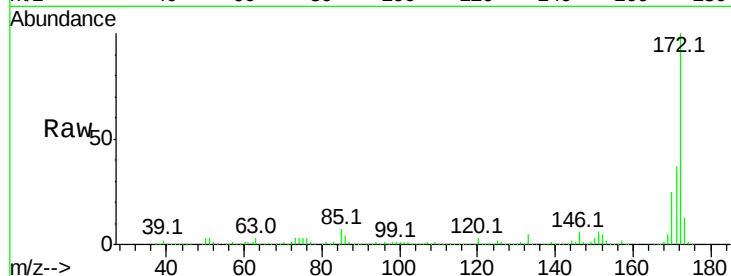
#44
2-Fluorobiphenyl
Concen: 98.68 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	20.2	30.4

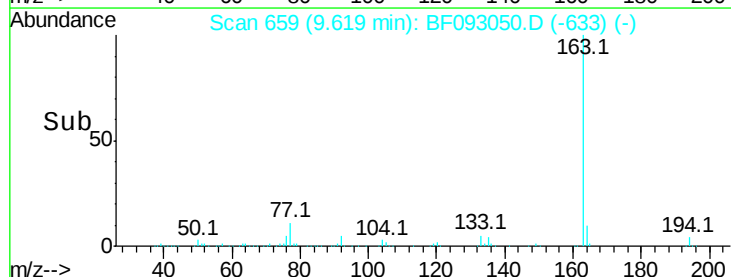
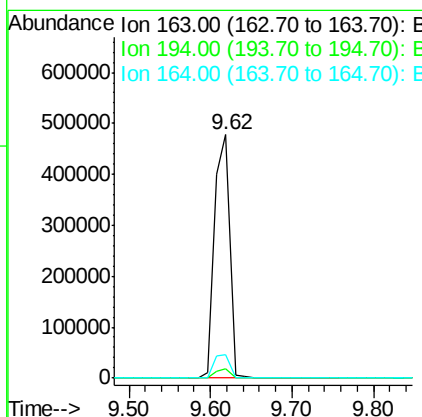
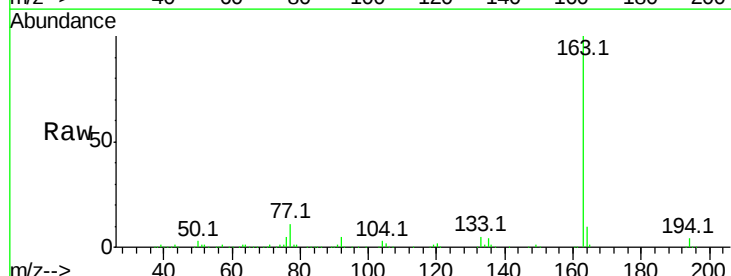
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#49
Dimethylphthalate
Concen: 31.91 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.7	8.0	12.0





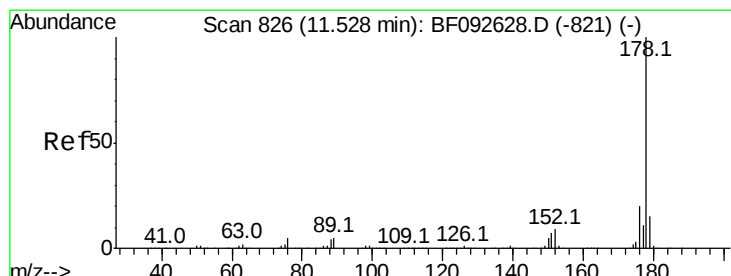
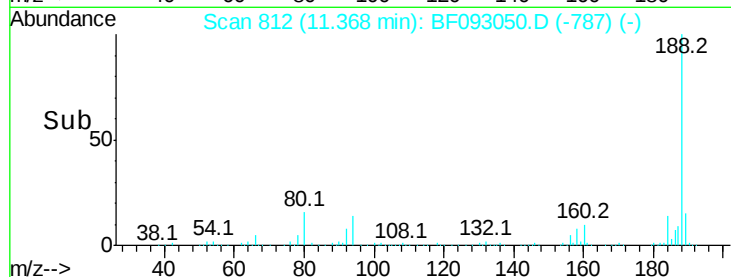
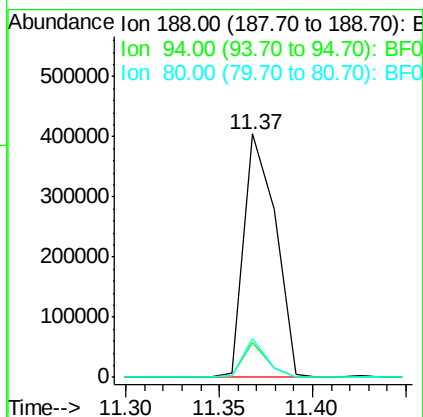
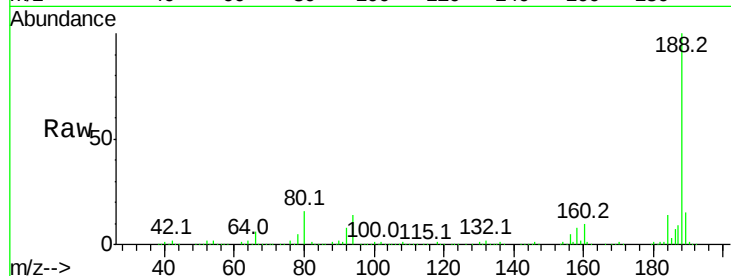
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	478496		
94	14.5	10.0	15.0	
80	16.0	11.2	16.8	

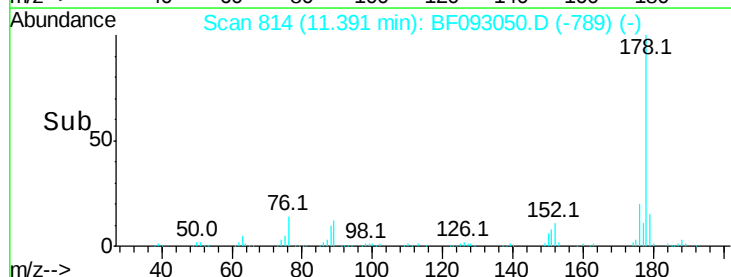
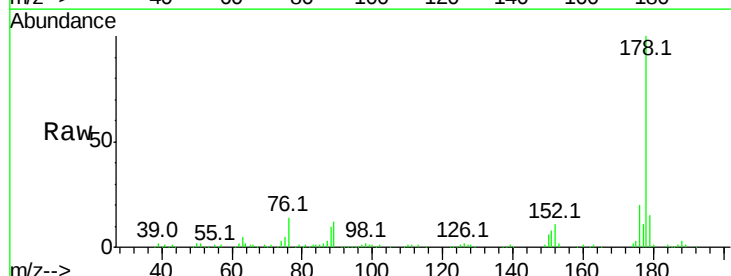
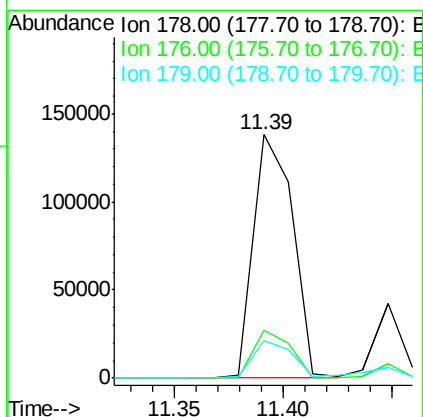
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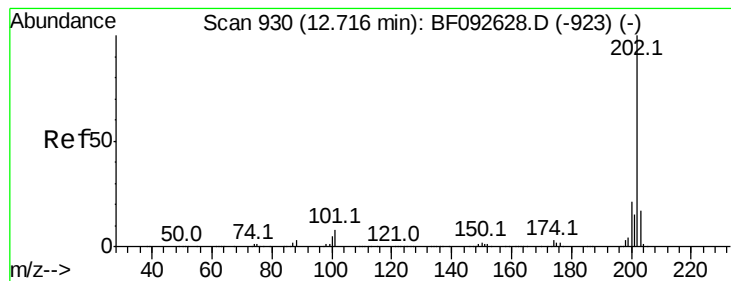
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#70
Phenanthrene
Concen: 6.37 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	174523		
176	19.6	16.6	25.0	
179	15.5	12.8	19.2	





#74

Fluoranthene

Concen: 8.74 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Instrument :

BNA_F

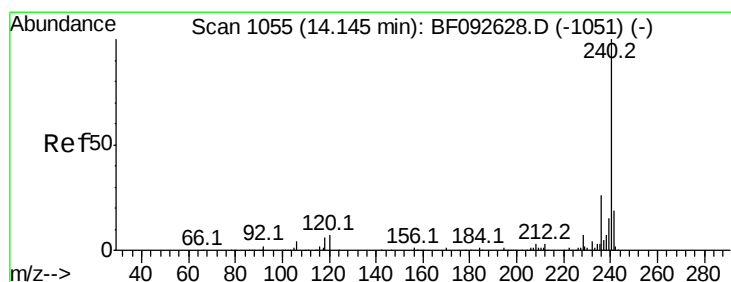
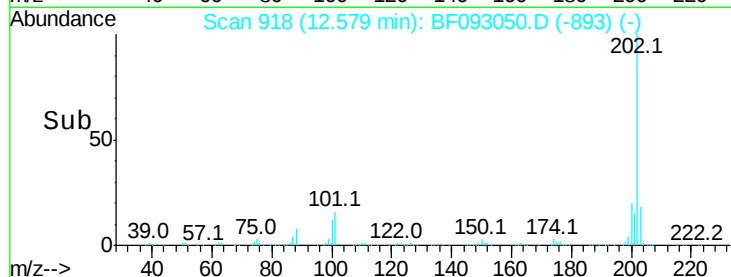
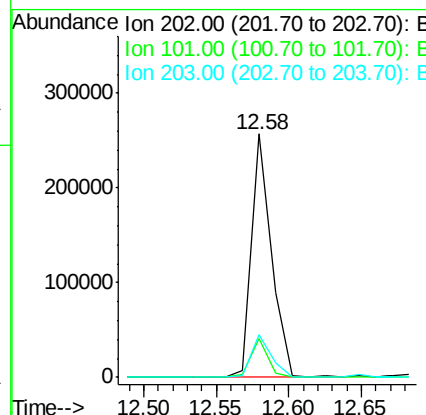
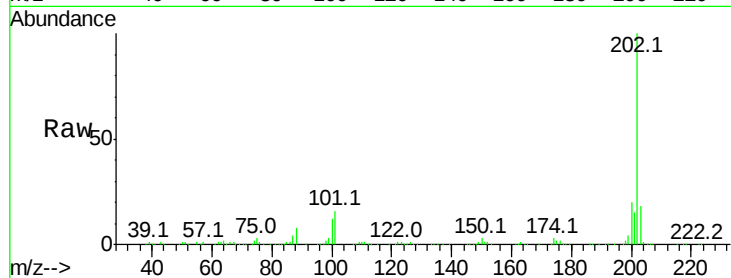
ClientSampleId :

SP-ABCD-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.8	0.0	34.6
203	17.8	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

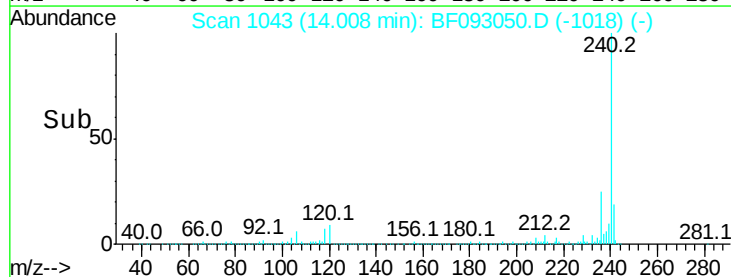
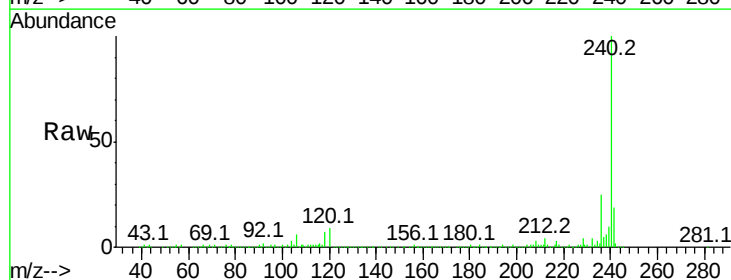
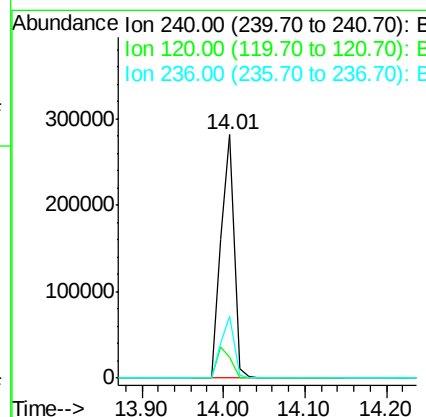
RT: 14.01 min Scan# 1043

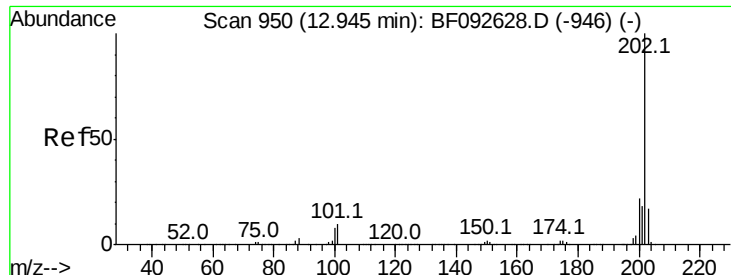
Delta R.T. -0.01 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	12.9	19.3#
236	25.5	20.9	31.3





#77

Pvrene

Concen: 8.81 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Instrument :

BNA_F

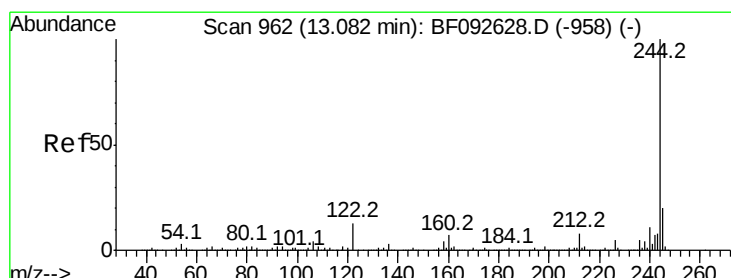
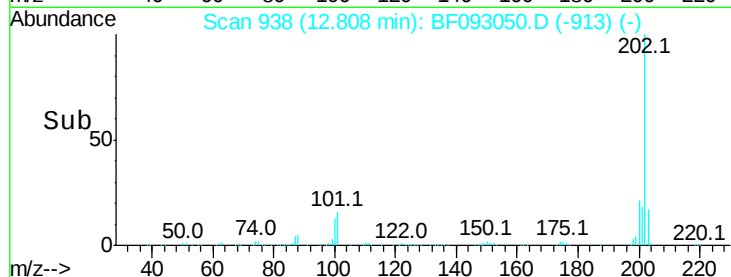
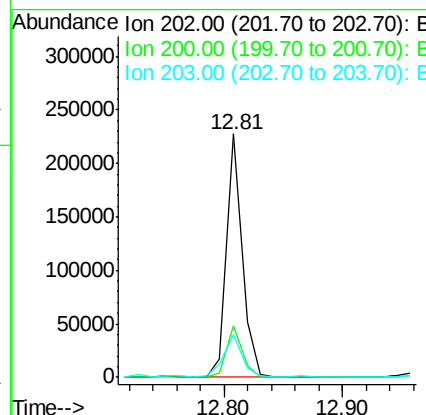
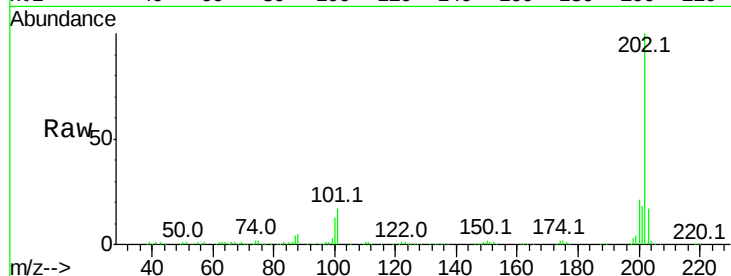
ClientSampleId :

SP-ABCD-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.3	14.7	22.1

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#78

Terphenyl-d14

Concen: 81.38 ng

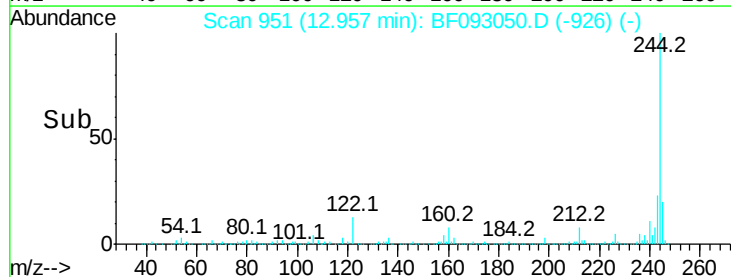
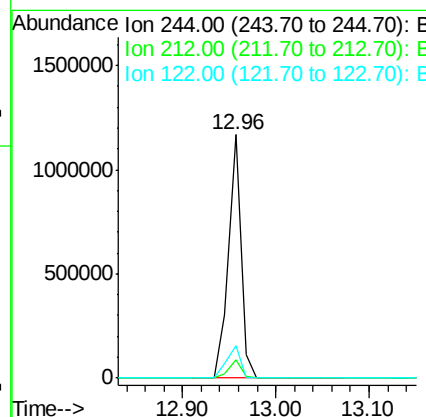
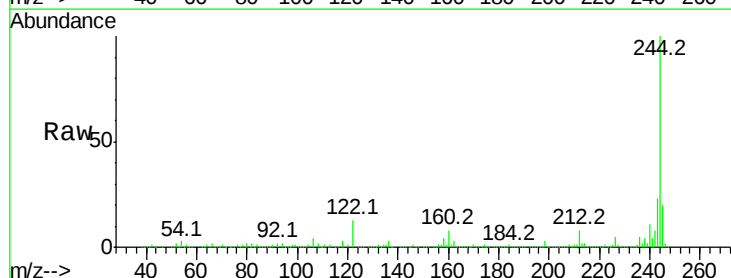
RT: 12.96 min Scan# 951

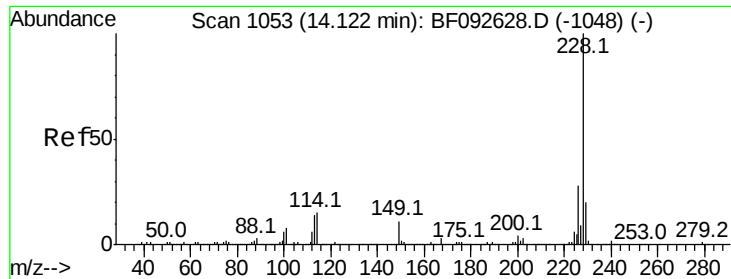
Delta R.T. -0.01 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.1	11.4	17.2





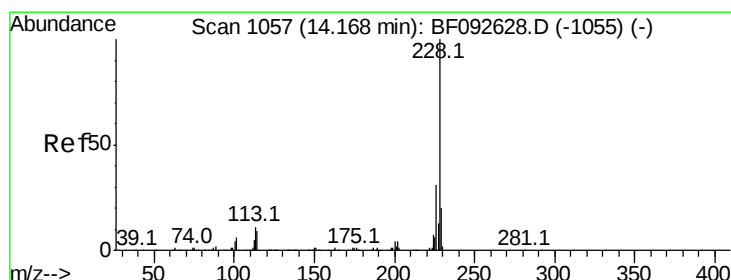
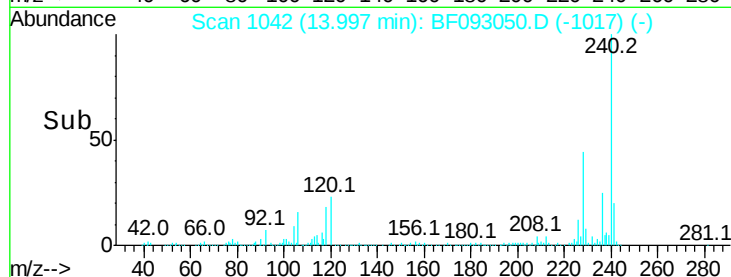
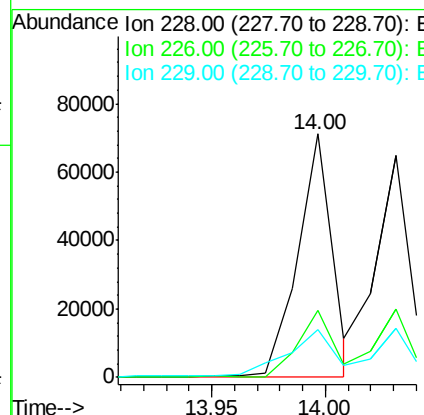
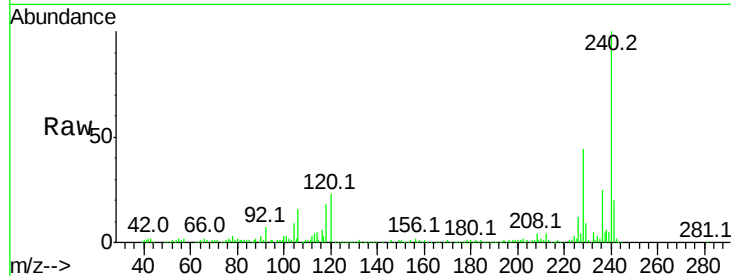
#80
Benzo(a)anthracene
Concen: 3.92 ng m
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion:228	Resp:	75881
Ion Ratio	Lower	Upper
228 100		
226 27.5	22.4	33.6
229 19.6	16.2	24.4

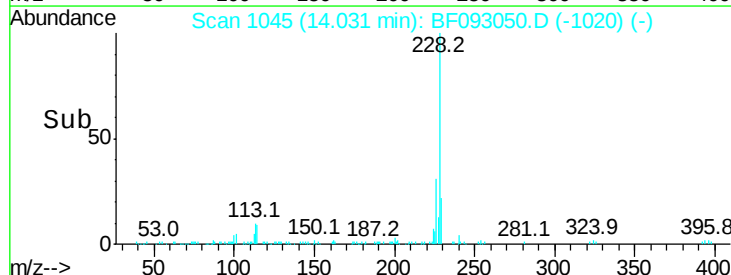
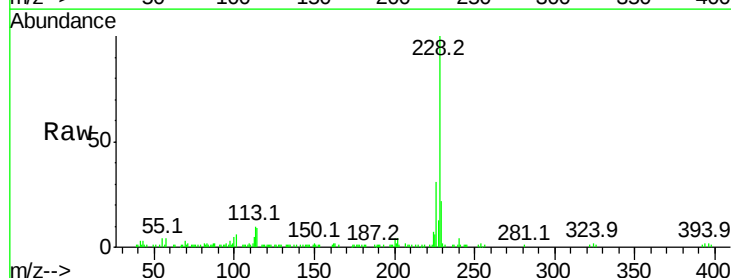
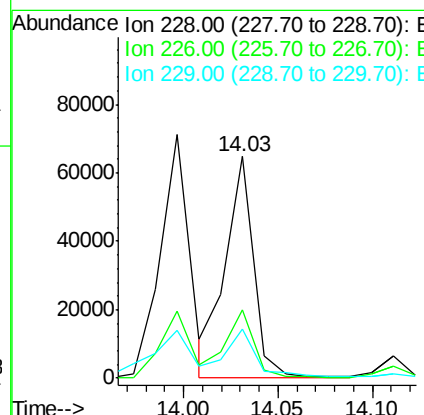
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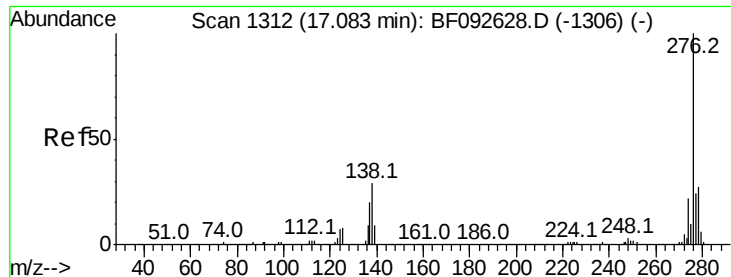
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#82
Chrysene
Concen: 3.72 ng m
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Tgt Ion:228	Resp:	67475
Ion Ratio	Lower	Upper
228 100		
226 31.1	25.4	38.0
229 22.0	16.2	24.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.84 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Instrument :

BNA_F

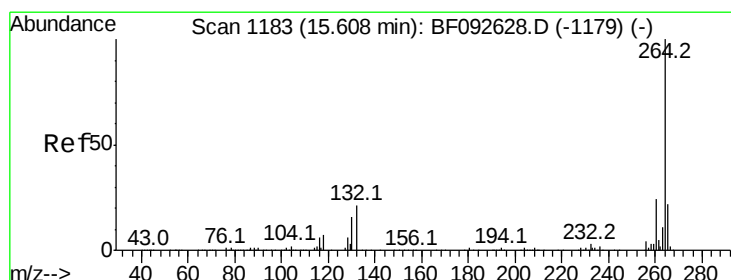
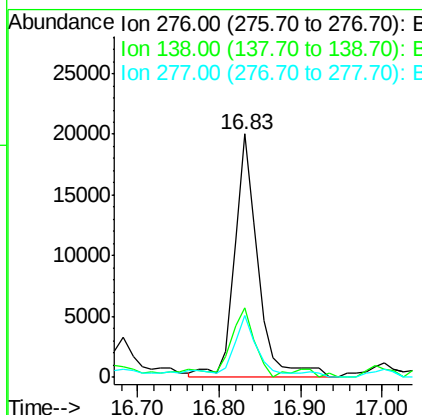
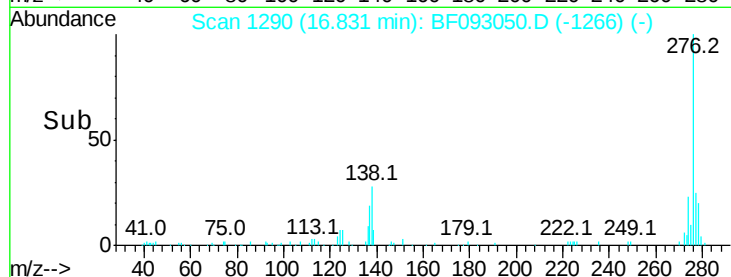
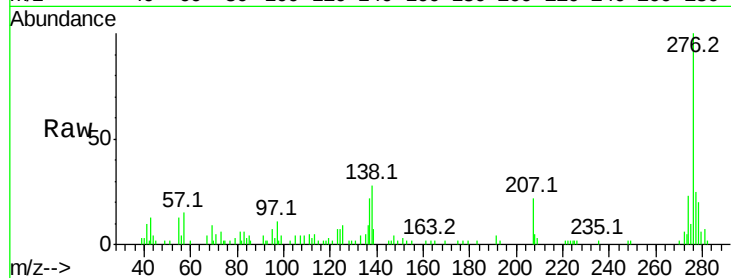
ClientSampled :

SP-ABCD-COMP

Tot Ion:	276	Resp:	39941
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.6
277	21.0	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

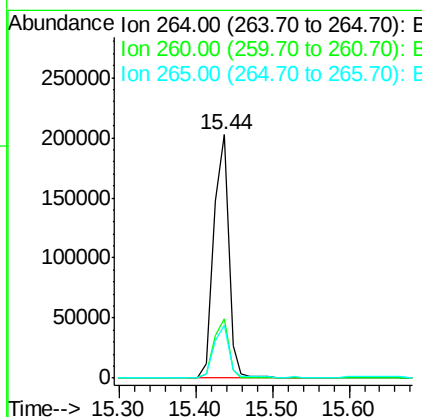
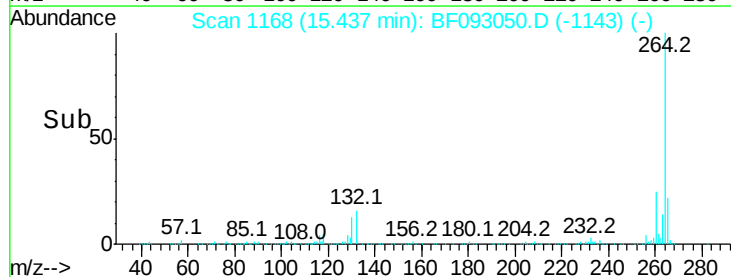
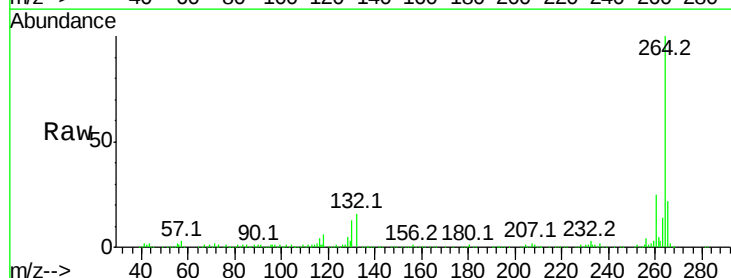
RT: 15.44 min Scan# 1168

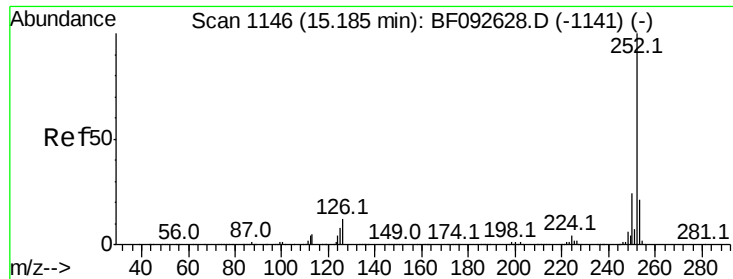
Delta R.T. -0.01 min

Lab File: BF093050.D

Acq: 21 Feb 2017 1:17

Tgt Ion:	264	Resp:	274438
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.9	17.4	26.0





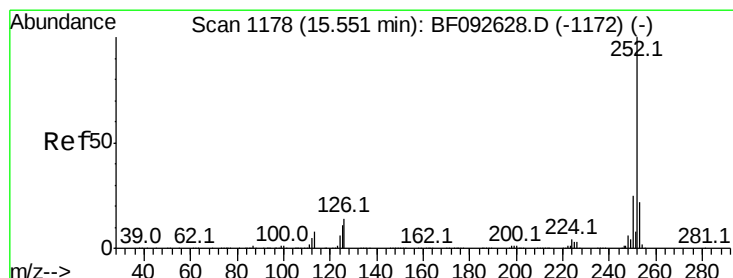
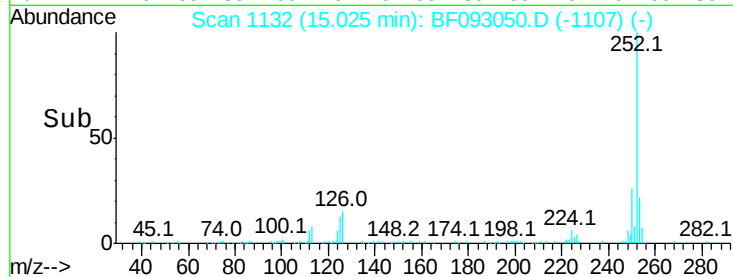
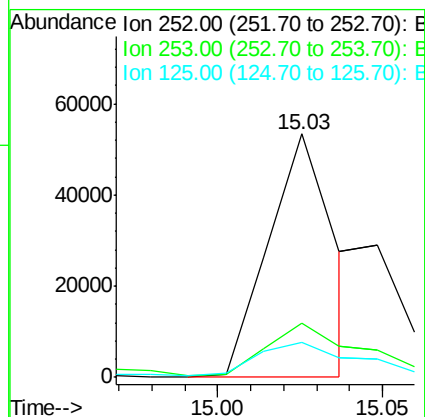
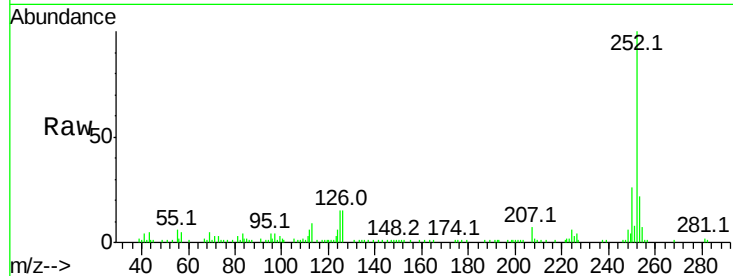
#87
Benzo(b)fluoranthene
Concen: 4.10 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	14.5	9.8	14.6

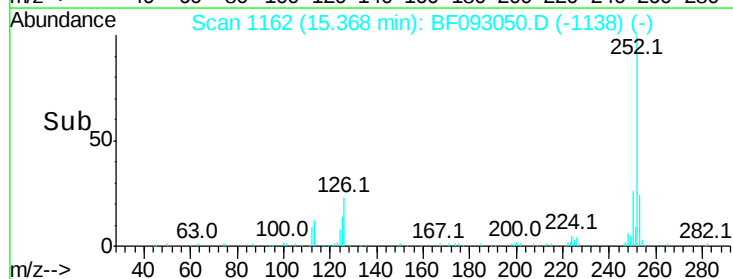
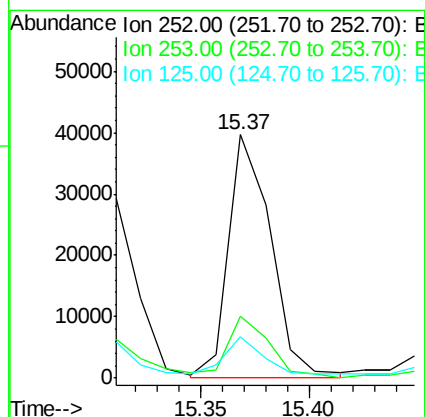
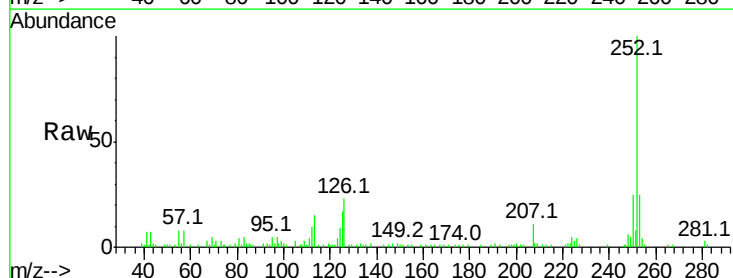
Manual Integrations
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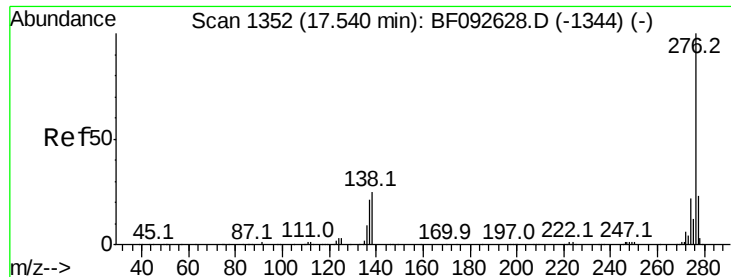
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#89
Benzo(a)pyrene
Concen: 3.44 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093050.D
Acq: 21 Feb 2017 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	16.9	10.0	15.0#





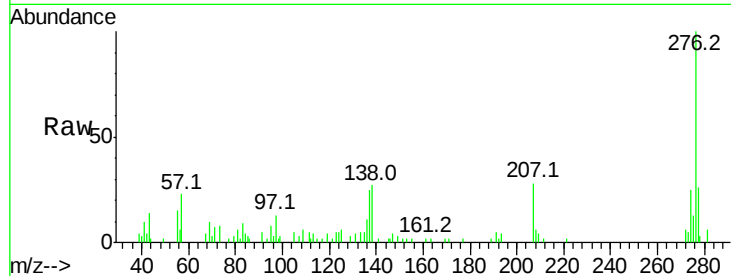
#91
 Benzo(a,h,i)perylene
 Concen: 2.78 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093050.D
 Acq: 21 Feb 2017 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.2	28.8
138	26.9	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

