

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090040.D
 Acq On : 8 Sep 2016 22:39
 Operator : UM/SJ
 Sample : H4704-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Manual Integrations
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Sohil
 9/9/2016 8:39:19 AM

Quant Time: Sep 09 05:57:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	186075	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	784065	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	365113	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	623420	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	467199	20.00	ng	-0.01
86) Perylene-d12	15.05	264	377350	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1191548	102.50	ng	0.01
7) Phenol-d6	6.25	99	1631107	115.47	ng	0.00
23) Nitrobenzene-d5	7.16	82	859221	63.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	345197	95.83	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1829896	82.27	ng	0.00
78) Terphenyl-d14	12.69	244	1356776	71.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	520886	19.74	ng	99
70) Phenanthrene	11.12	178	347405	11.19	ng	97
71) Anthracene	11.18	178	98440	3.13	ng	97
74) Fluoranthene	12.30	202	522767	16.07	ng	95
77) Pyrene	12.53	202	436498	13.25	ng	99
80) Benzo(a)anthracene	13.70	228	257827	9.01	ng	99
82) Chrysene	13.74	228	193982	7.26	ng	97
85) Indeno(1,2,3-cd)pyrene	16.26	276	84482	4.28	ng	# 89
87) Benzo(b)fluoranthene	14.70	252	225645m	9.55	ng	
88) Benzo(k)fluoranthene	14.71	252	105580m	5.26	ng	
89) Benzo(a)pyrene	15.01	252	168309	8.31	ng	97
91) Benzo(g,h,i)perylene	16.62	276	77858	5.21	ng	# 95

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

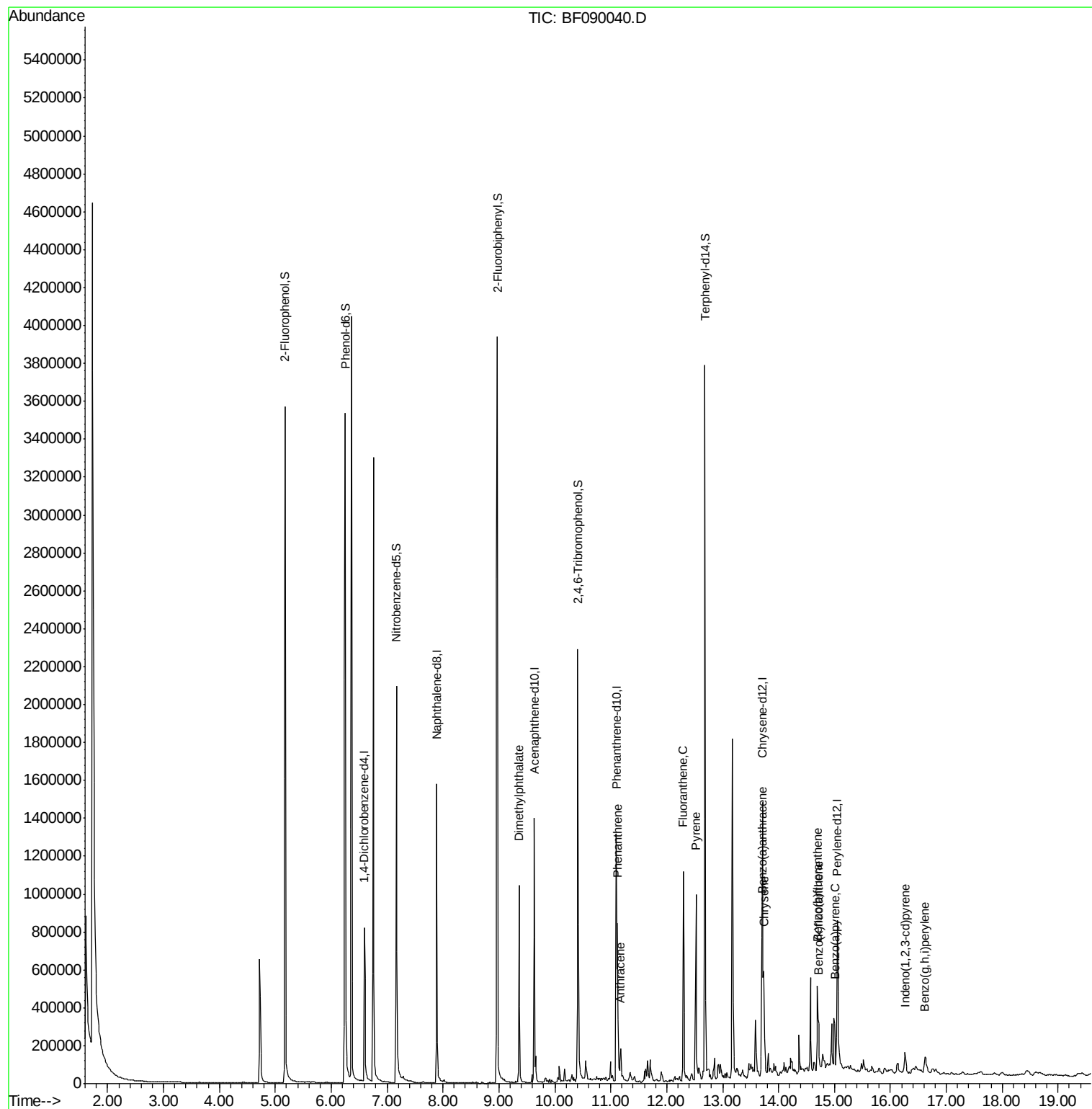
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090040.D
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ALS Vial : 19 Sample Multiplier: 1

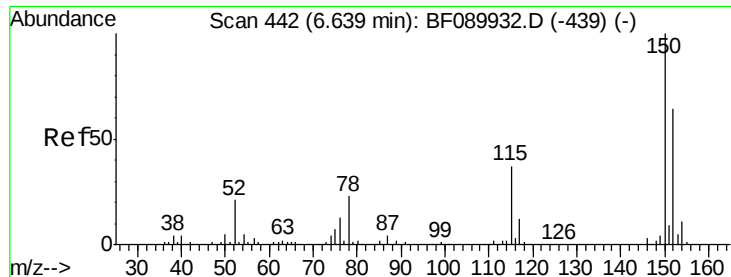
Instrument :
BNA_F
ClientSampleId :
COMP-3

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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#1

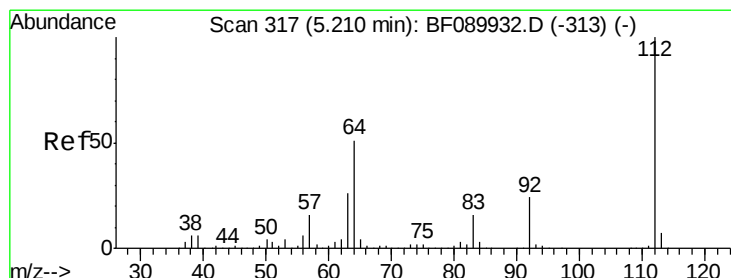
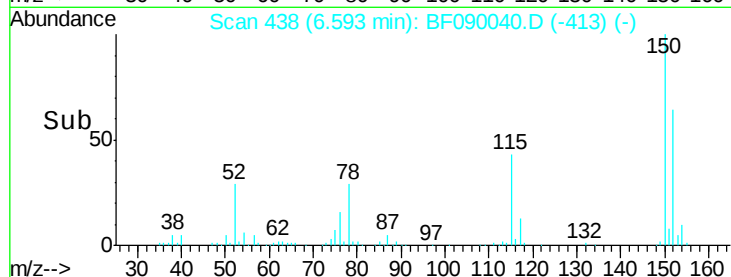
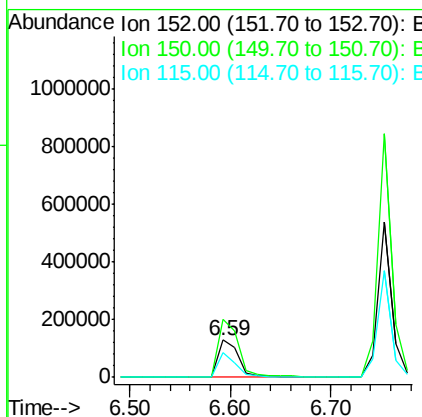
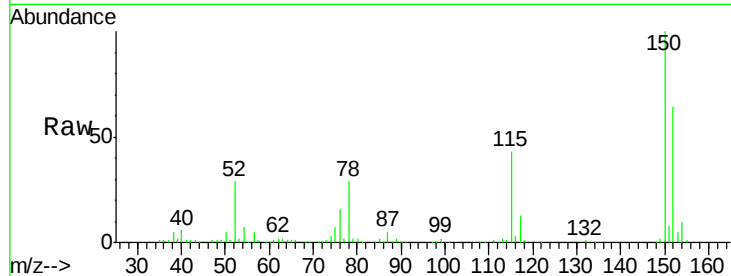
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Instrument :
BNA_F
ClientSampled :
COMP-3

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	186075		
150	156.7	127.4	191.2	
115	67.1	46.3	69.5	

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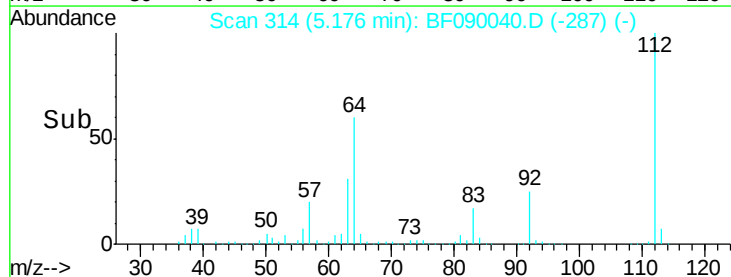
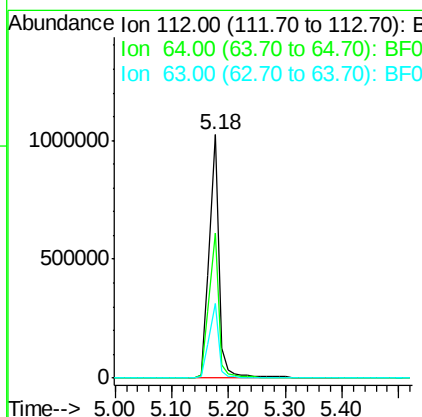
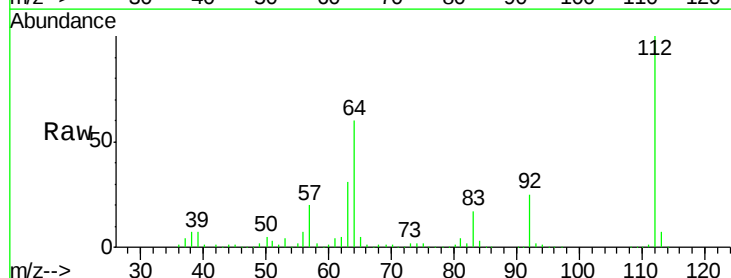
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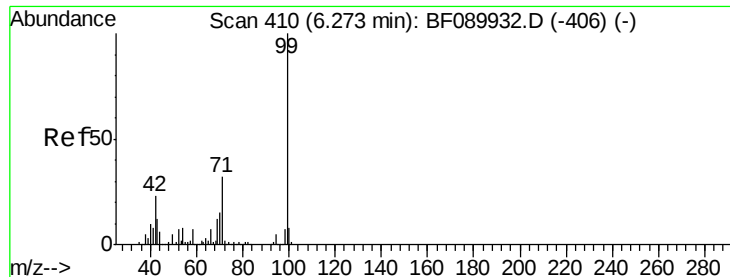


#5

2-Fluorophenol
Concen: 102.50 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1191548		
64	59.7	41.1	61.7	
63	30.9	21.2	31.8	





#7

Phenol-d6

Concen: 115.47 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090040.D

Acq: 8 Sep 2016 22:39

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tgt Ion: 99 Resp: 1631107

Ion Ratio Lower Upper

99 100

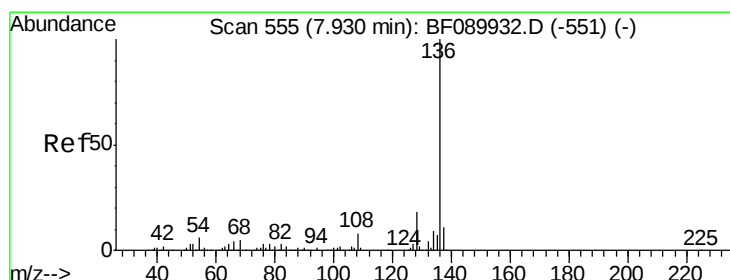
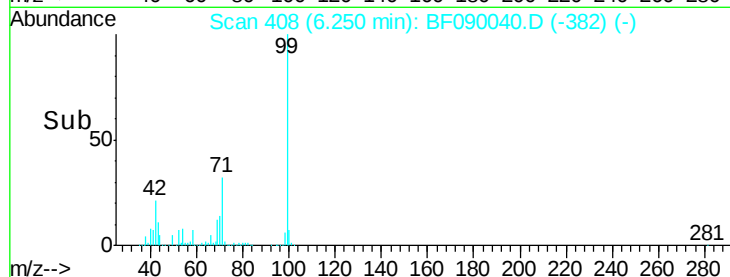
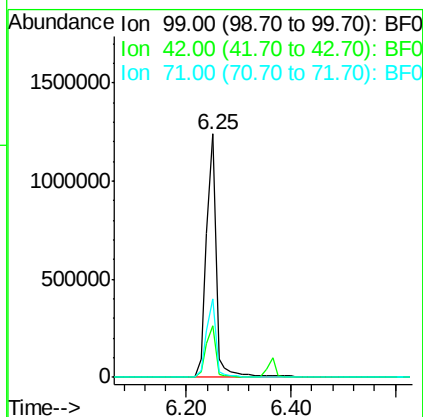
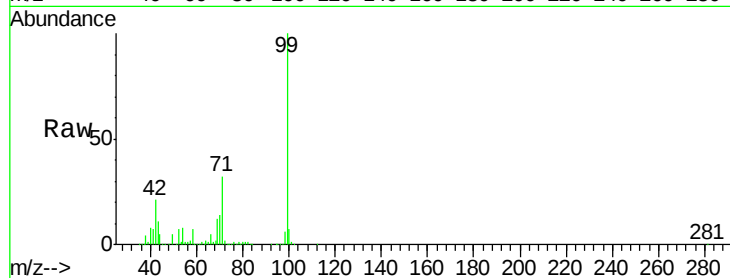
42 21.3 18.6 27.8

71 32.3 25.8 38.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090040.D

Acq: 8 Sep 2016 22:39

Tgt Ion: 136 Resp: 784065

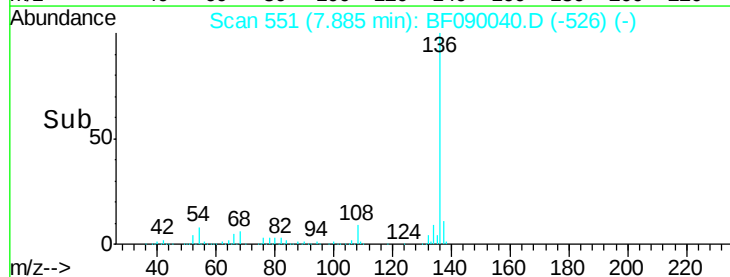
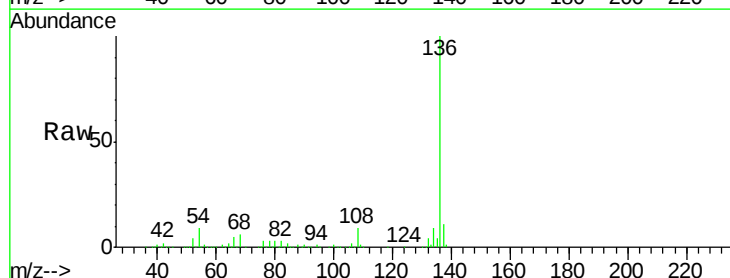
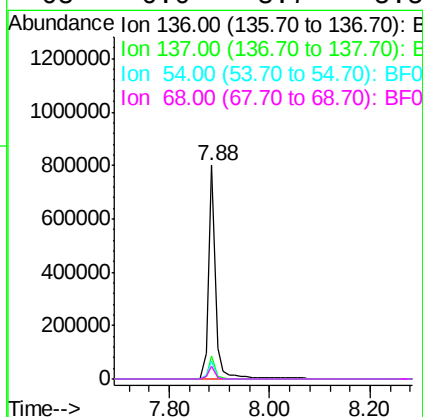
Ion Ratio Lower Upper

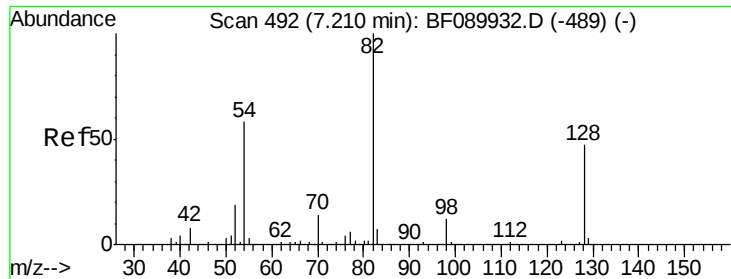
136 100

137 10.8 8.3 12.5

54 8.5 4.8 7.2#

68 6.0 3.7 5.5#





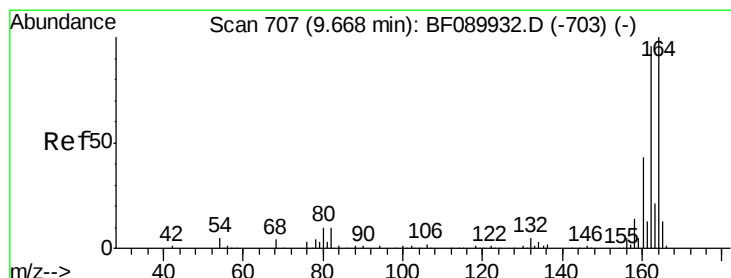
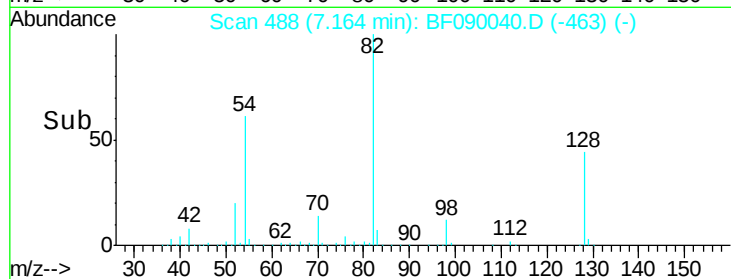
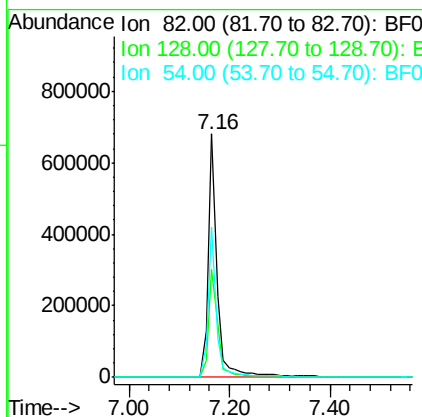
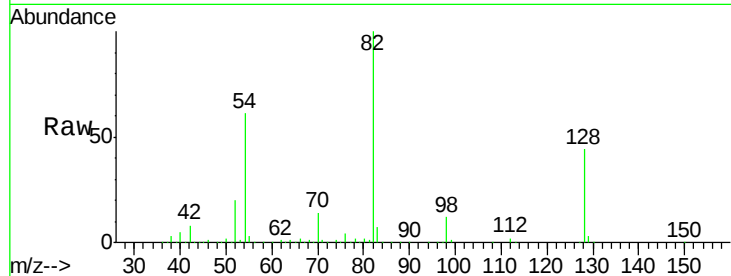
#23
 Nitrobenzene-d5
 Concen: 63.55 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Instrument :
 BNA_F
 ClientSampled :
 COMP-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.8	56.8
54	61.4	46.9	70.3

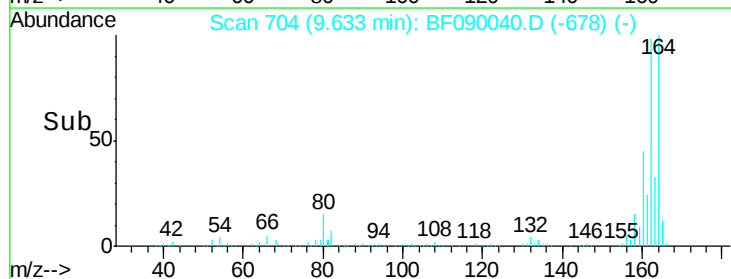
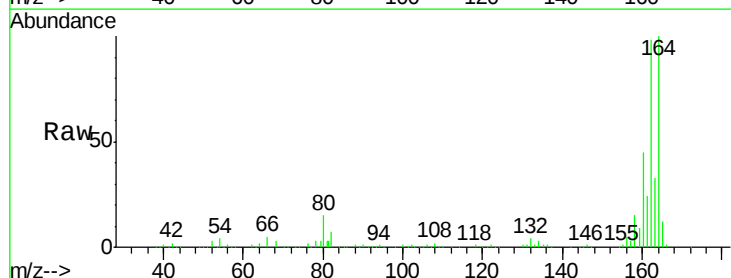
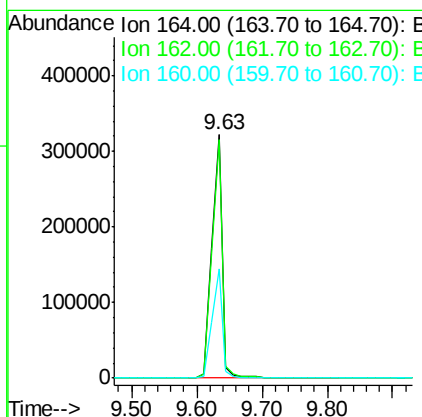
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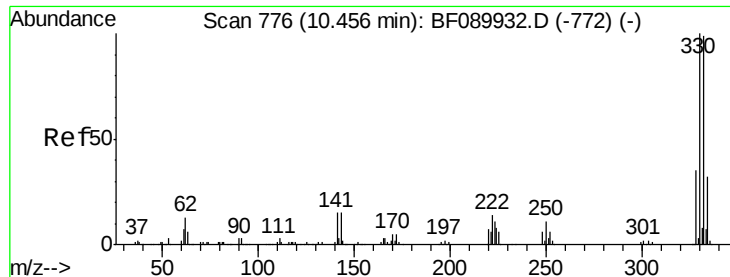
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.1	115.7
160	45.1	35.3	52.9





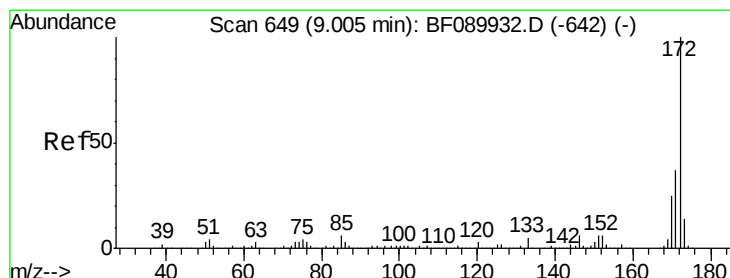
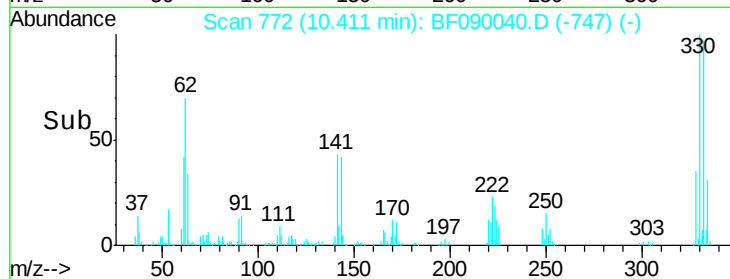
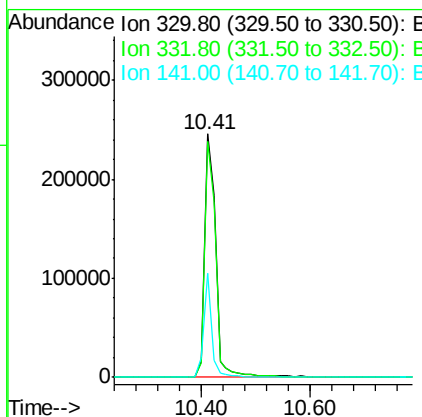
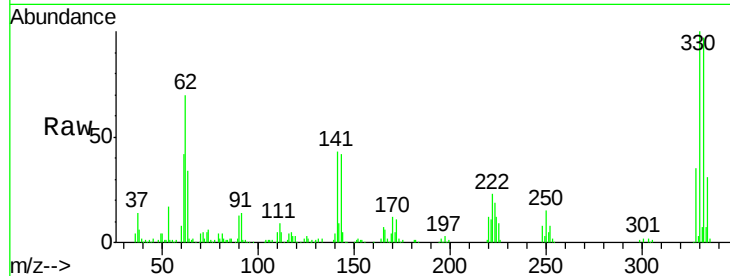
#41
 2,4,6-Tribromophenol
 Concen: 95.83 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	345197		
332	96.8	78.6	117.8	
141	30.9	23.3	34.9	

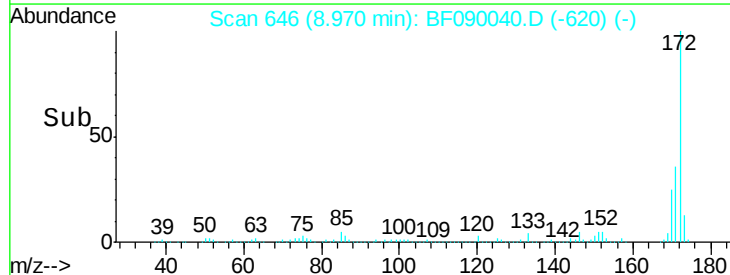
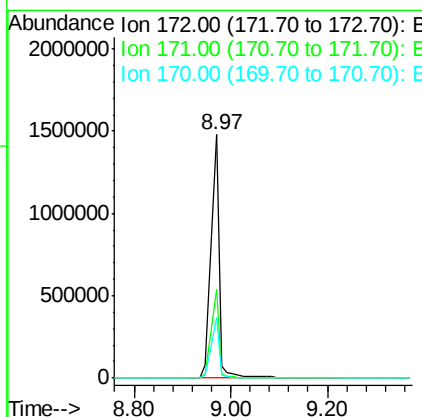
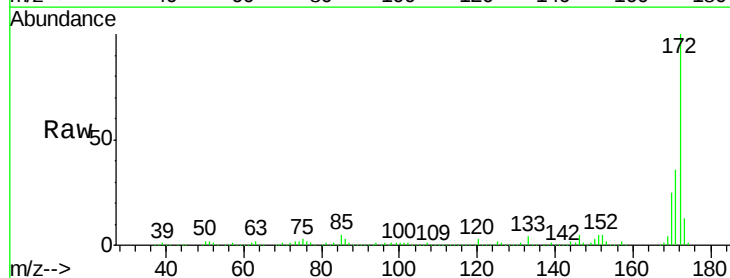
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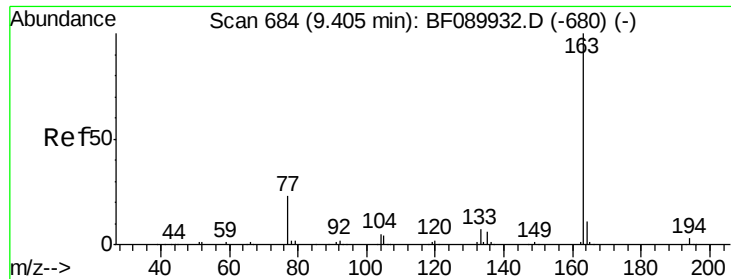
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#44
 2-Fluorobiphenyl
 Concen: 82.27 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1829896		
171	36.5	29.4	44.2	
170	24.8	20.1	30.1	





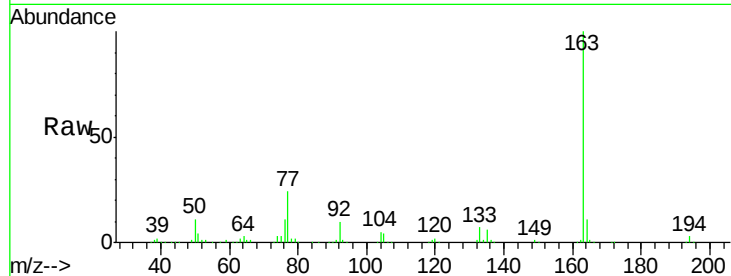
#49
Dimethylphthalate
Concen: 19.74 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

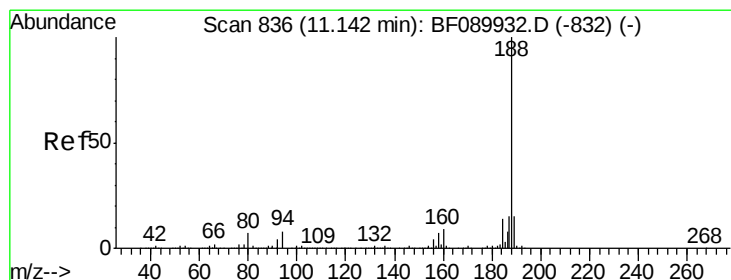
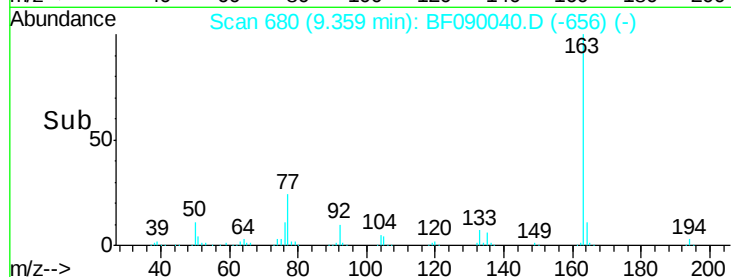
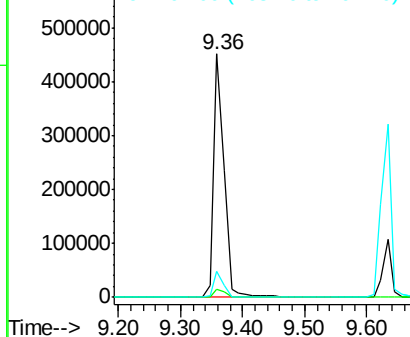
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	520886		
194	3.3		2.7	4.1
164	10.9		9.0	13.4

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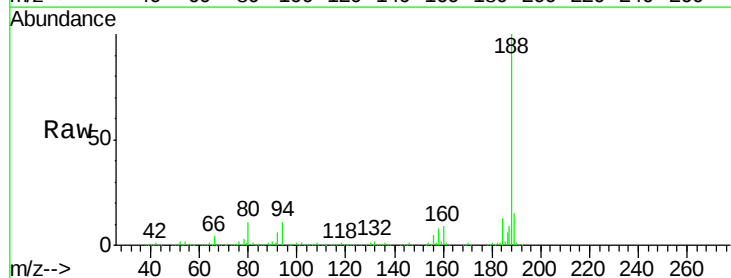


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

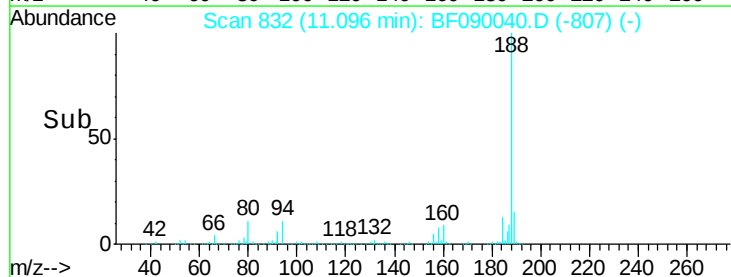
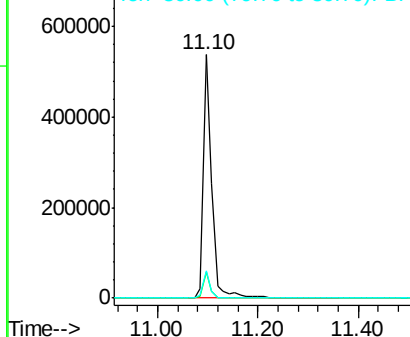


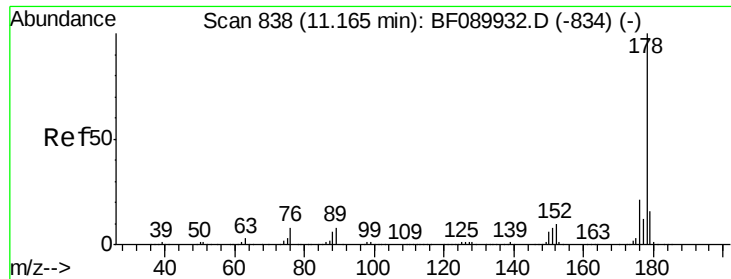
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	623420		
94	10.8		5.9	8.9#
80	11.3		5.8	8.8#



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





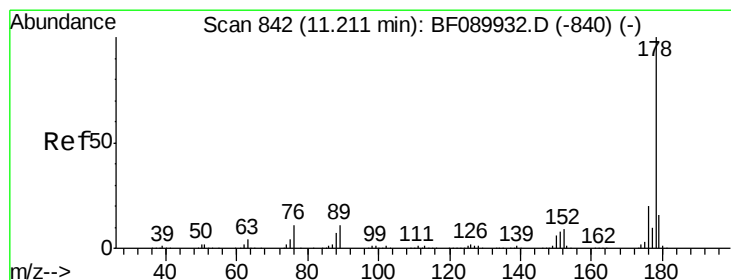
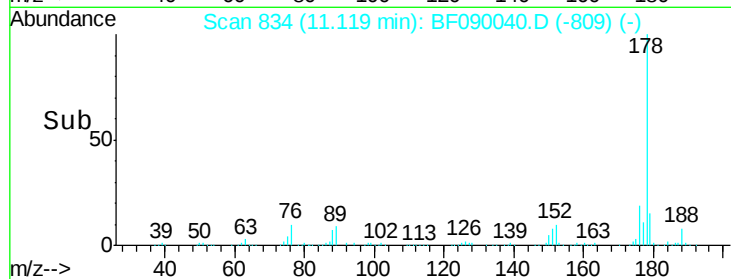
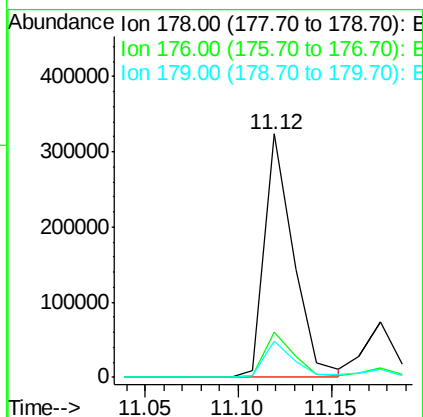
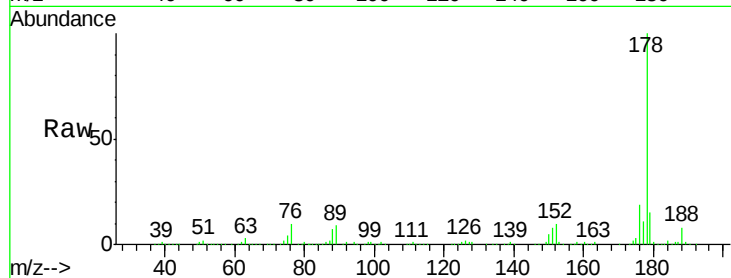
#70
Phenanthrene
Concen: 11.19 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:178 Resp: 347405
Ion Ratio Lower Upper
178 100
176 18.8 16.5 24.7
179 15.1 12.8 19.2

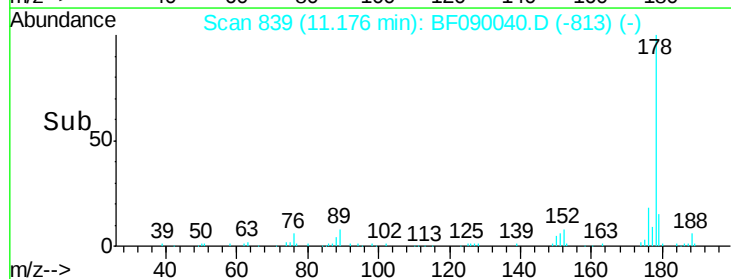
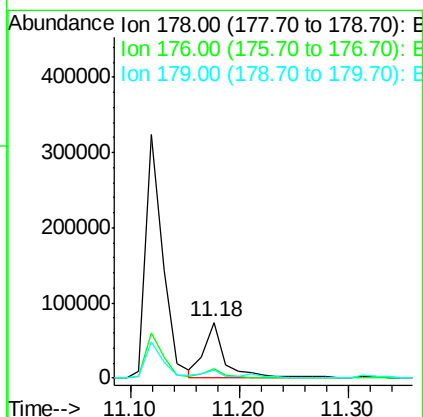
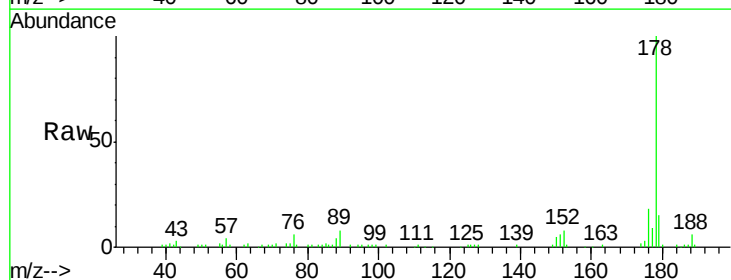
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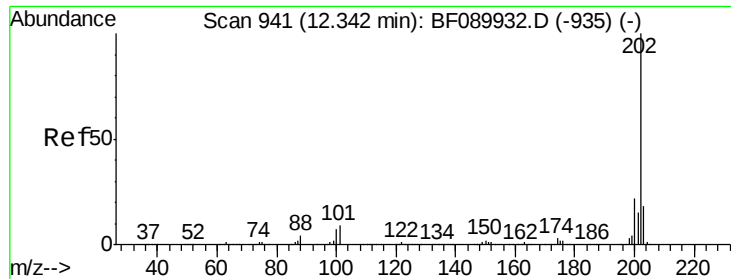
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#71
Anthracene
Concen: 3.13 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Tgt Ion:178 Resp: 98440
Ion Ratio Lower Upper
178 100
176 17.8 15.8 23.8
179 15.5 13.0 19.4





#74

Fluoranthene

Concen: 16.07 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF090040.D

Acq: 8 Sep 2016 22:39

Instrument :

BNA_F

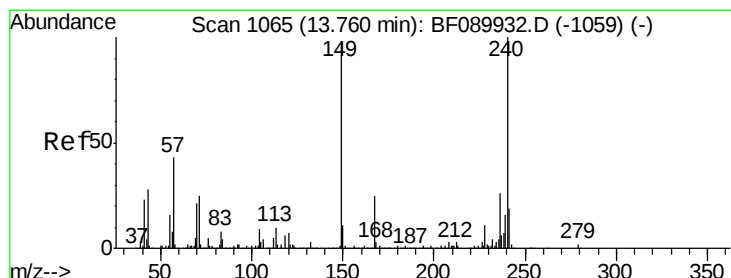
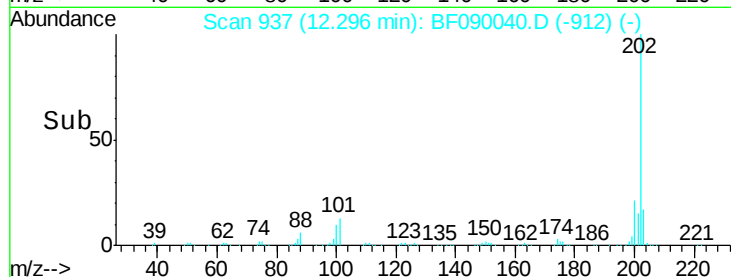
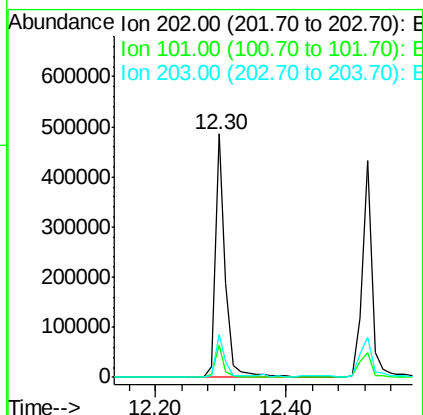
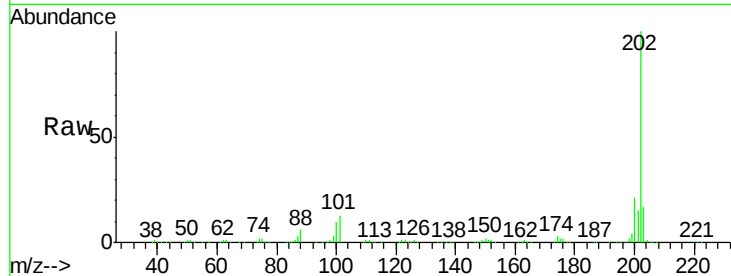
ClientSampled :

COMP-3

Tgt Ion:	202	Resp:	522767
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	28.5
203	17.3	0.0	38.0

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#75

Chrysene-d12

Concen: 20.00 ng

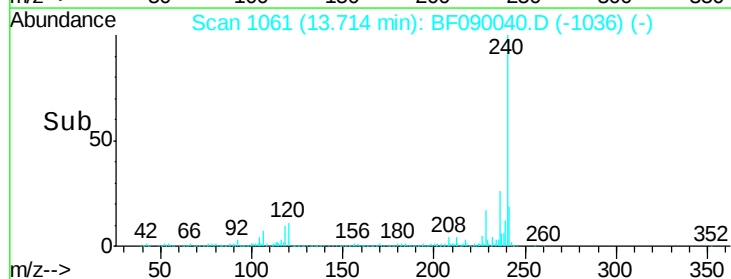
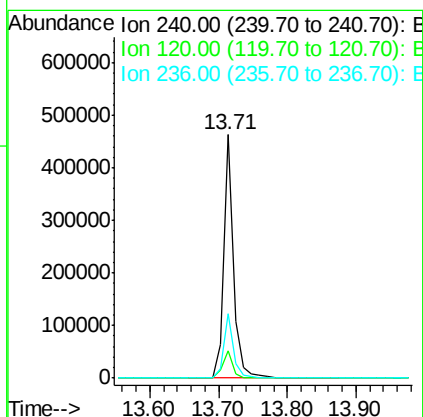
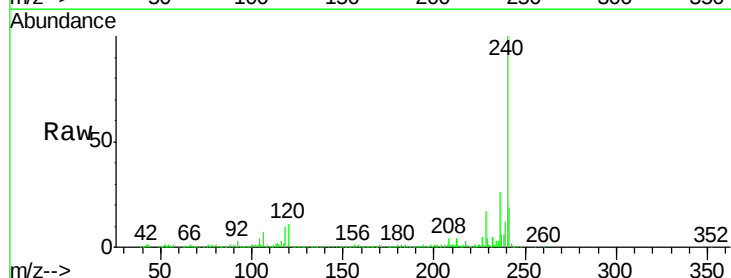
RT: 13.71 min Scan# 1061

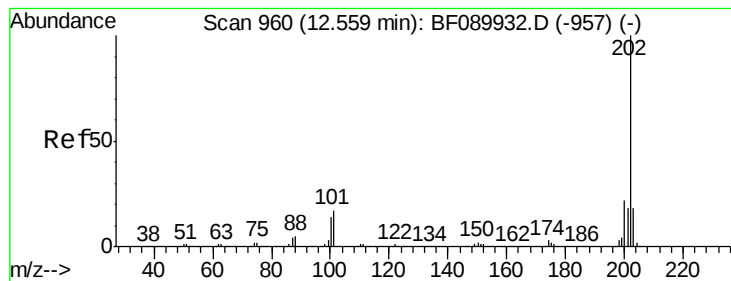
Delta R.T. -0.01 min

Lab File: BF090040.D

Acq: 8 Sep 2016 22:39

Tgt Ion:	240	Resp:	467199
Ion Ratio	Lower	Upper	
240	100		
120	11.4	5.7	8.5#
236	26.3	21.3	31.9





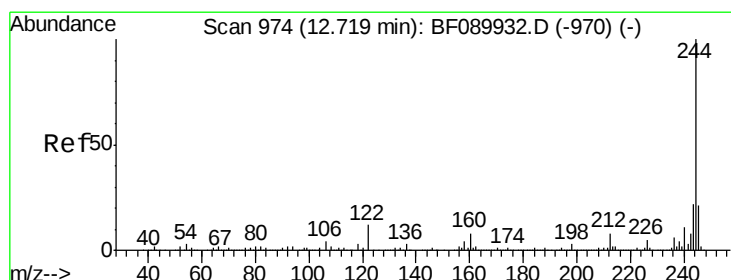
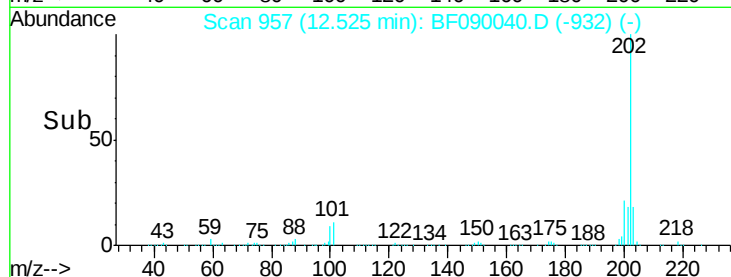
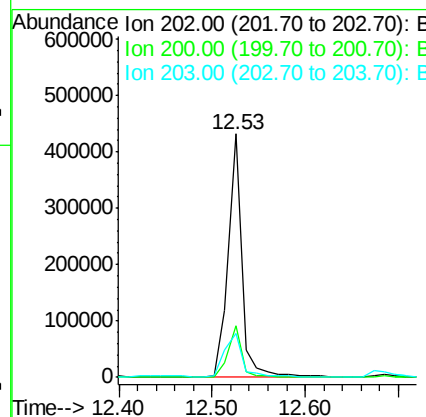
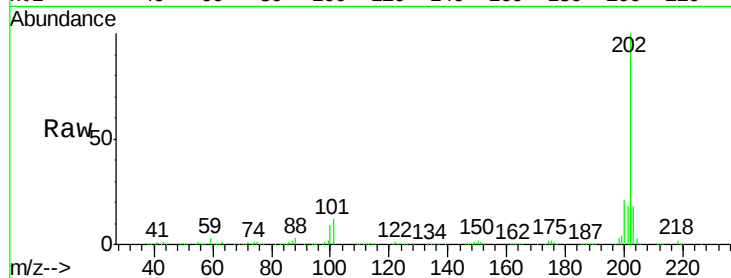
#77
 Pyrene
 Concen: 13.25 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.6	26.4
203	18.2	14.6	21.8

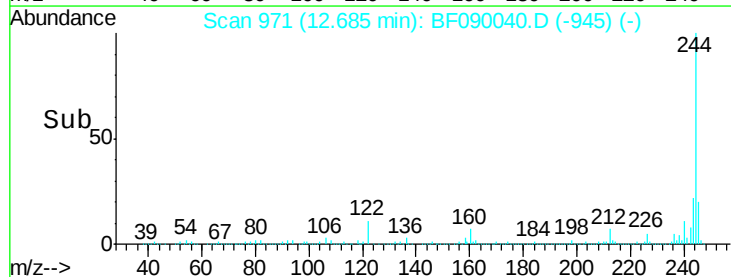
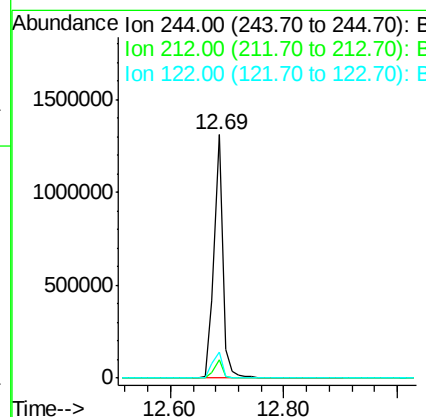
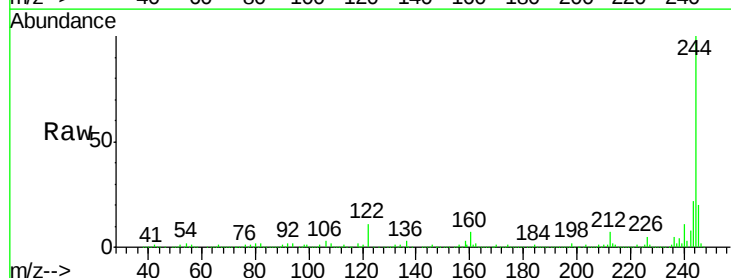
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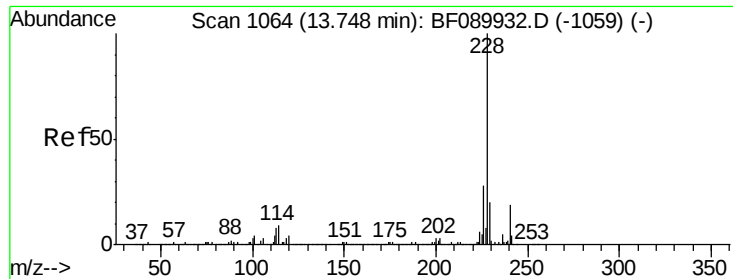
Sohil
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#78
 Terphenyl-d14
 Concen: 71.74 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	6.1	9.1
122	10.5	9.6	14.4





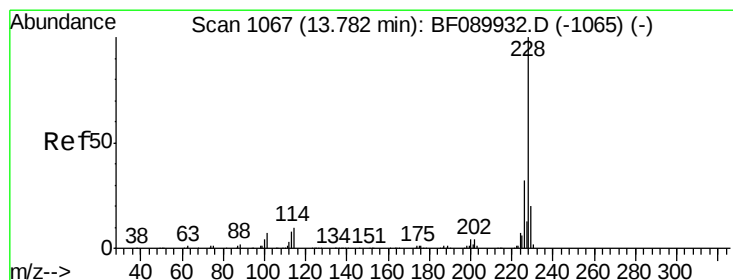
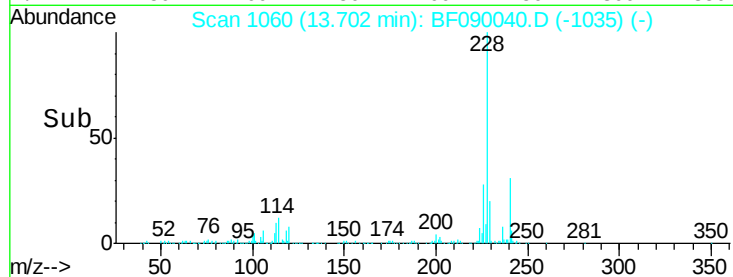
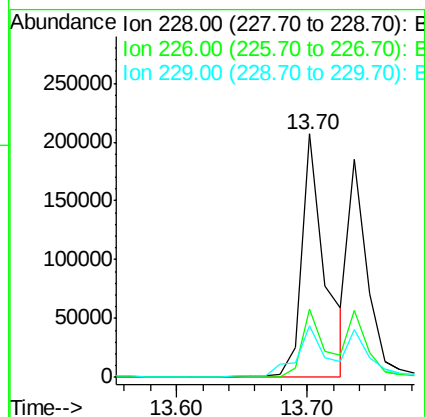
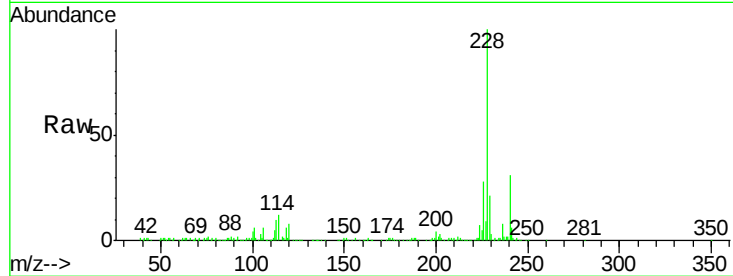
#80
Benzo(a)anthracene
Concen: 9.01 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Instrument :
BNA_F
ClientSampled :
COMP-3

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	21.0	15.8	23.6

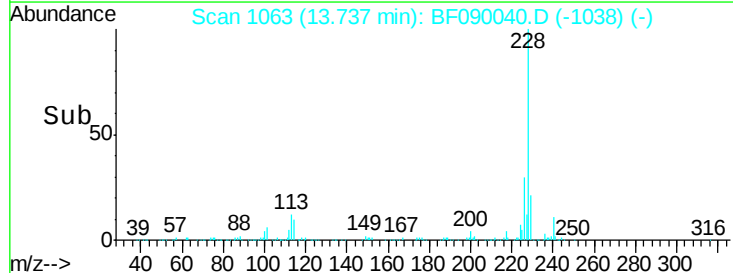
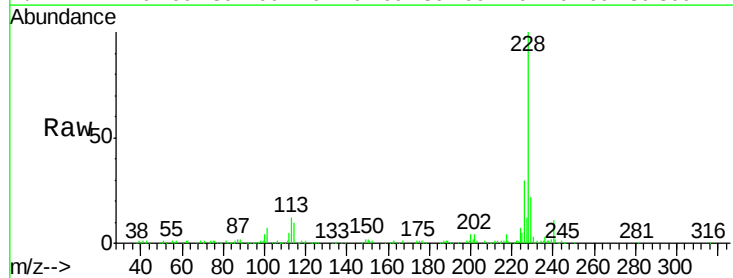
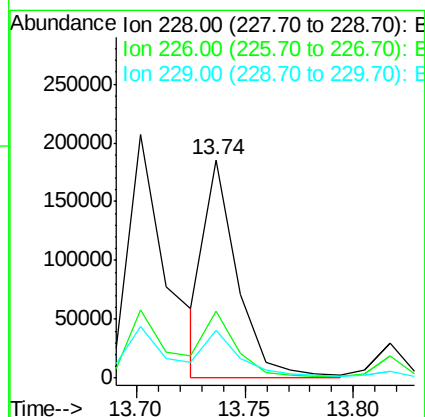
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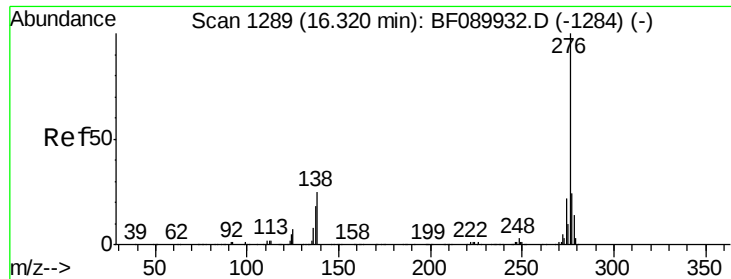
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#82
Chrysene
Concen: 7.26 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	21.9	16.2	24.2





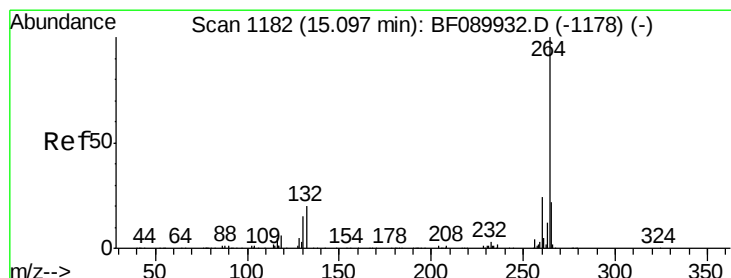
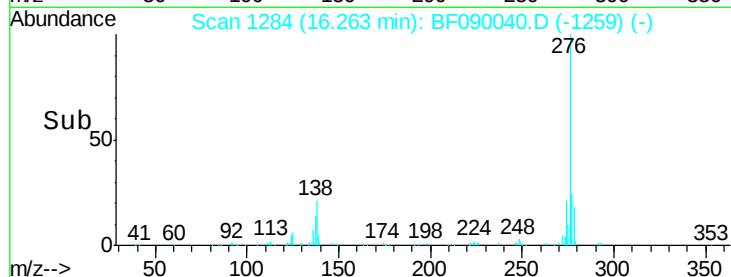
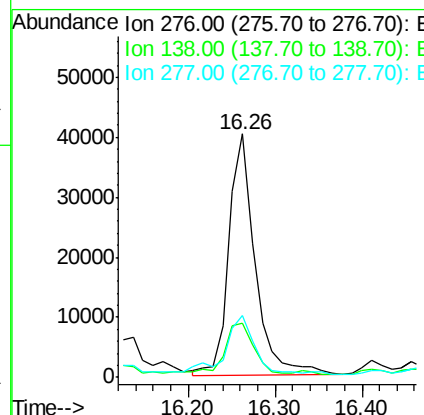
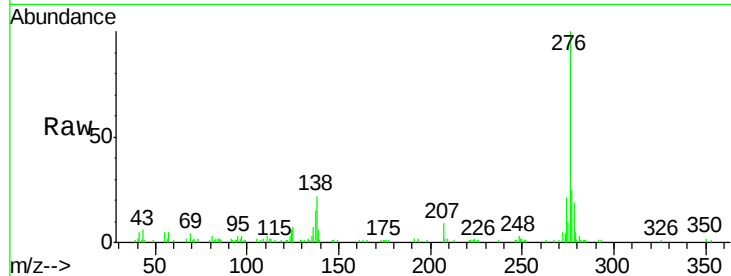
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.28 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Instrument :
 BNA_F
 ClientSampled :
 COMP-3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.6	34.0
277	30.9	20.1	30.1#

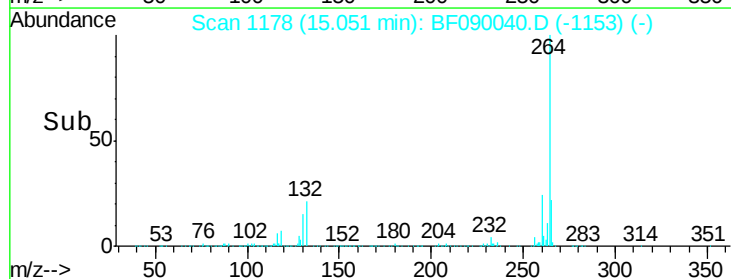
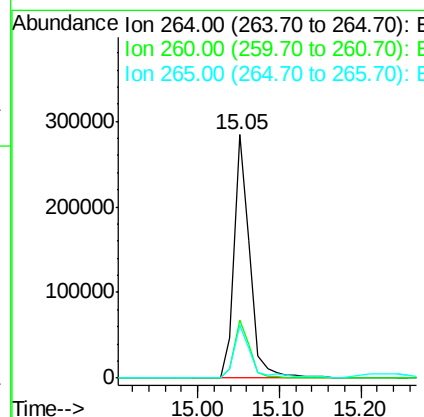
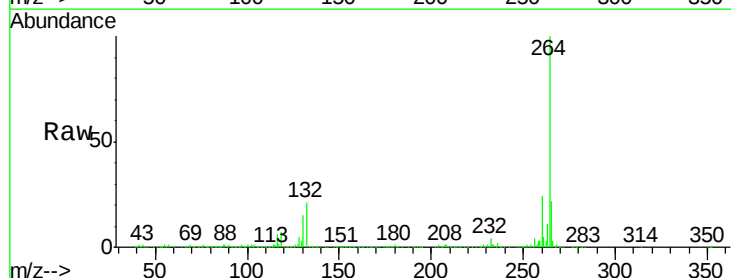
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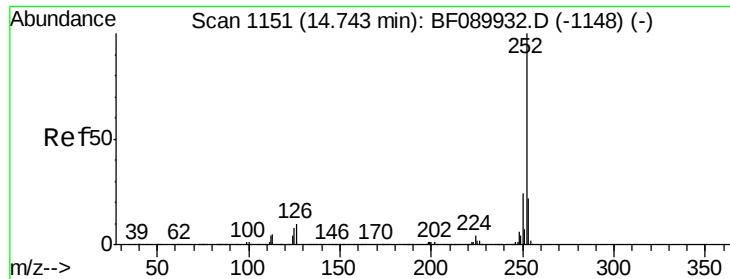
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF090040.D
 Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.9	17.4	26.2





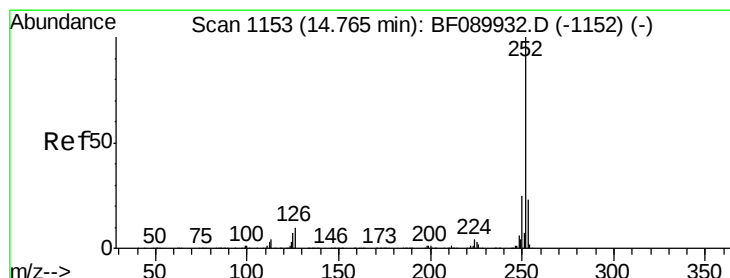
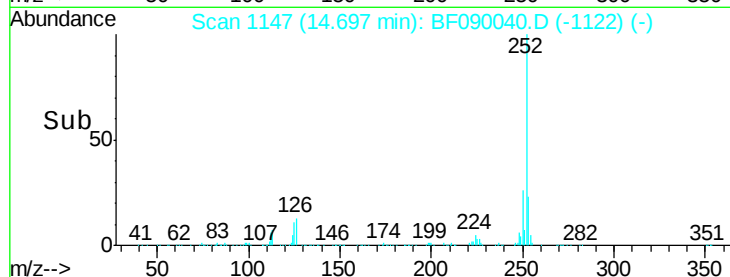
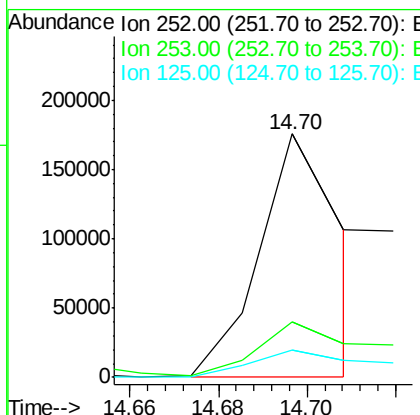
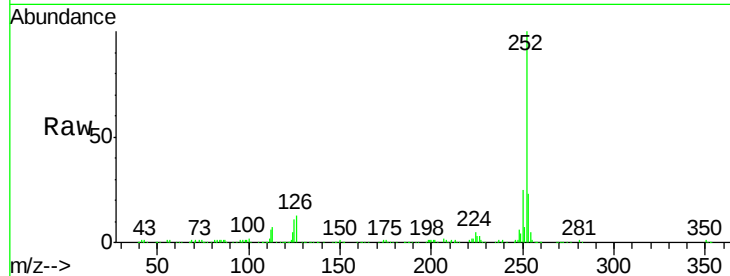
#87
Benzo(b)fluoranthene
Concen: 9.55 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.1	5.7	8.5#

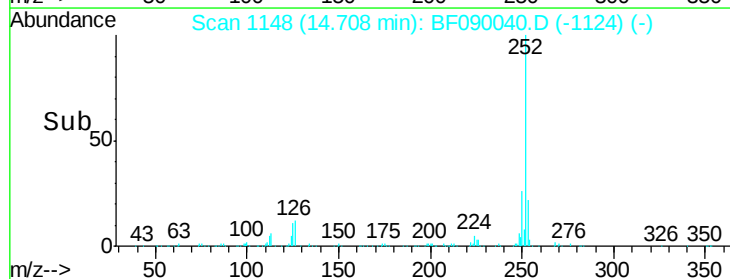
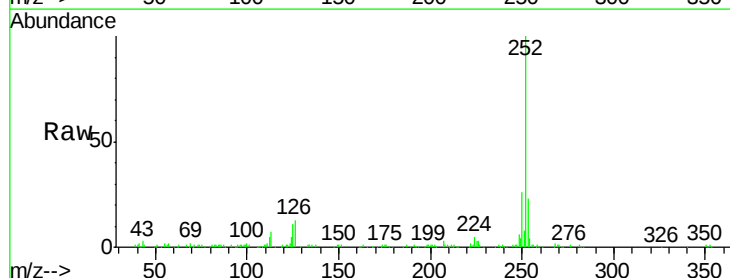
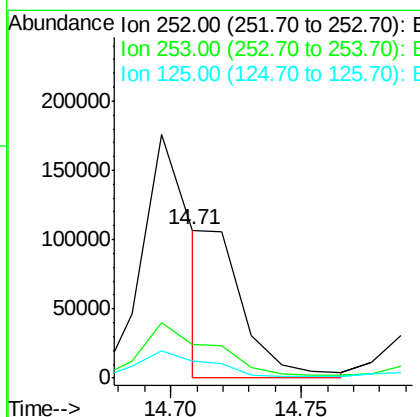
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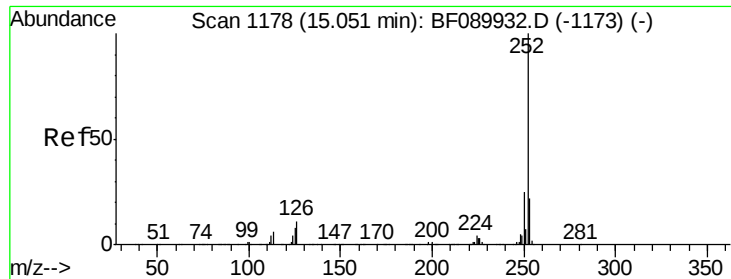
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#88
Benzo(k)fluoranthene
Concen: 5.26 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.2	7.3	10.9#





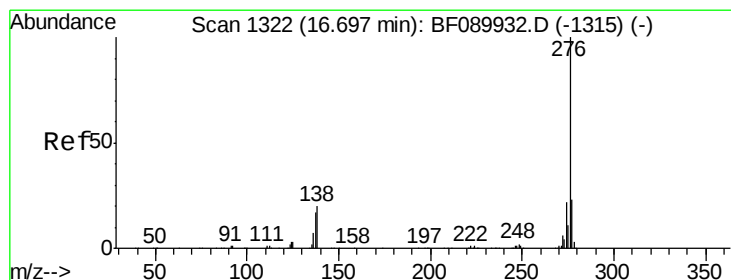
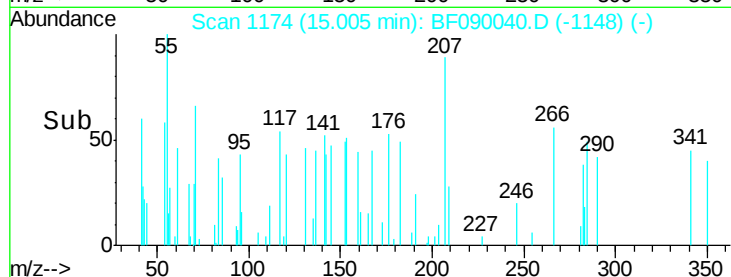
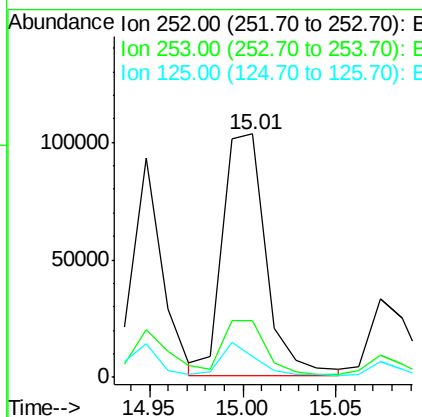
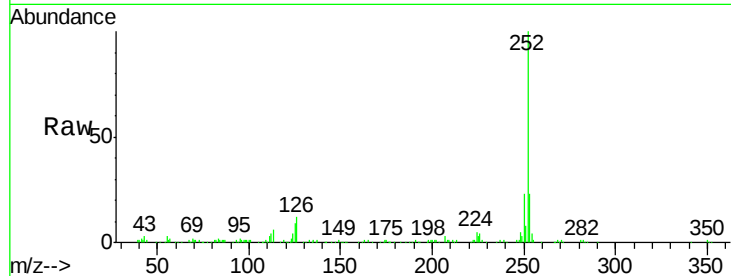
#89
Benzo(a)pyrene
Concen: 8.31 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Instrument :
BNA_F
ClientSampled :
COMP-3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	8.7	6.3	9.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.21 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF090040.D
Acq: 8 Sep 2016 22:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	25.6	16.4	24.6

