

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090028.D
 Acq On : 8 Sep 2016 16:57
 Operator : UM/SJ
 Sample : H4704-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-4.0-5.0

Manual Integrations
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Sohil
 9/9/2016 8:39:49 AM

Quant Time: Sep 09 04:56:55 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	194457	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	808940	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	393465	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	727622	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	511297	20.00	ng	-0.01
86) Perylene-d12	15.05	264	449465	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1125271	92.62	ng	0.01
7) Phenol-d6	6.25	99	1547514	104.83	ng	0.00
23) Nitrobenzene-d5	7.16	82	818781	58.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	342156	88.14	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1742284	72.69	ng	0.00
78) Terphenyl-d14	12.69	244	1325123	64.02	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	596912	20.99	ng	100
70) Phenanthrene	11.12	178	249601	6.89	ng	97
71) Anthracene	11.18	178	83947	2.28	ng	98
74) Fluoranthene	12.30	202	526960	13.88	ng	94
77) Pyrene	12.53	202	468789	13.00	ng	99
80) Benzo(a)anthracene	13.70	228	276316	8.82	ng	98
82) Chrysene	13.74	228	202086m	6.91	ng	
85) Indeno(1,2,3-cd)pyrene	16.26	276	106540	4.93	ng	98
87) Benzo(b)fluoranthene	14.70	252	259692m	9.22	ng	
88) Benzo(k)fluoranthene	14.71	252	124724m	5.22	ng	
89) Benzo(a)pyrene	15.01	252	202609	8.40	ng	98
91) Benzo(g,h,i)perylene	16.62	276	94001	5.28	ng	# 94

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

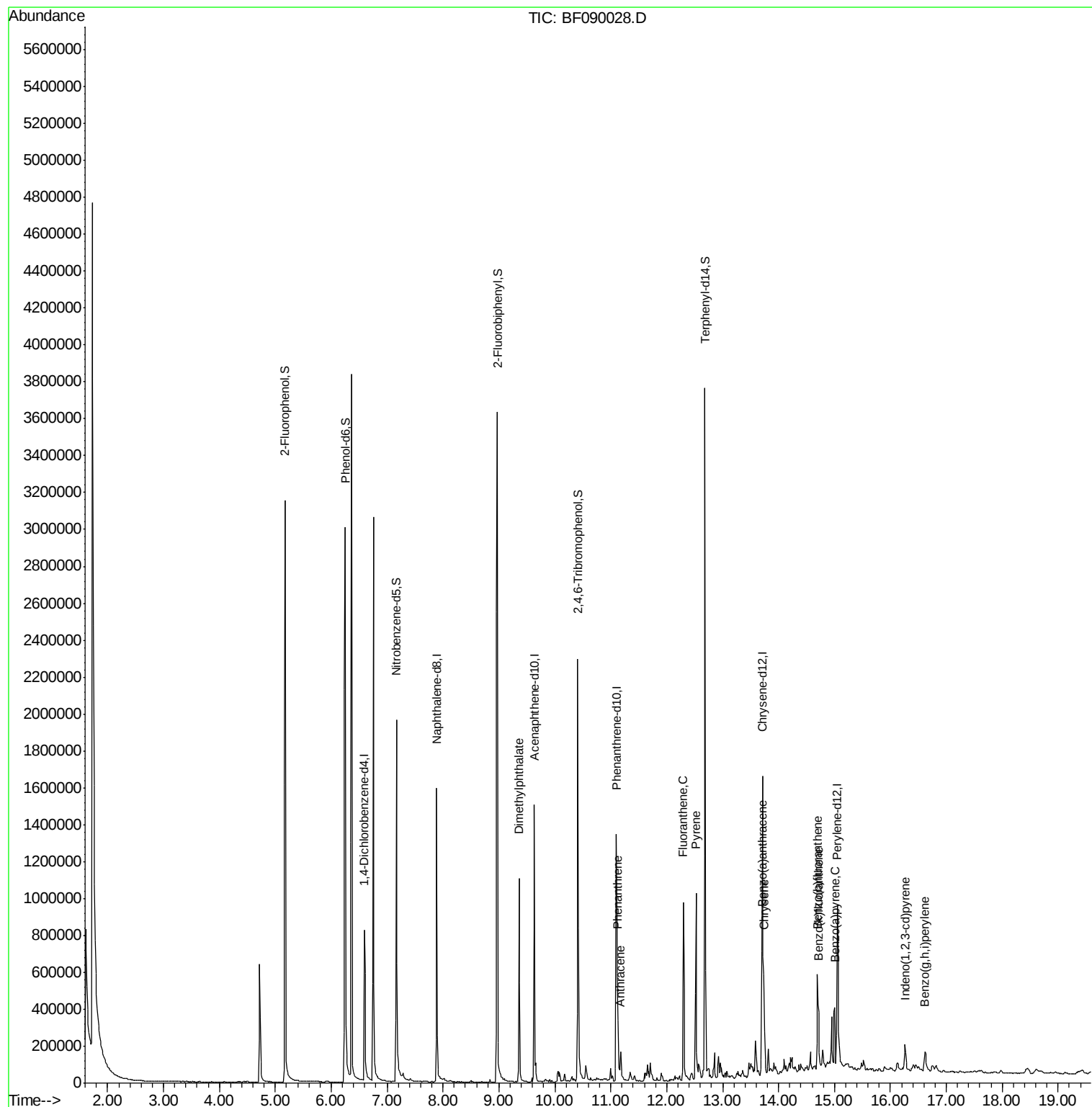
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090028.D
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Sample : H4704-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

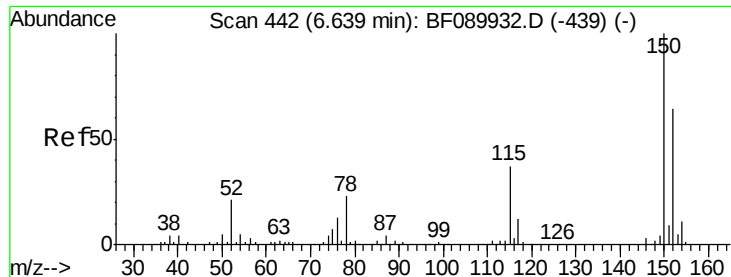
Instrument :
BNA_F
ClientSampleId :
SB-1-4.0-5.0

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

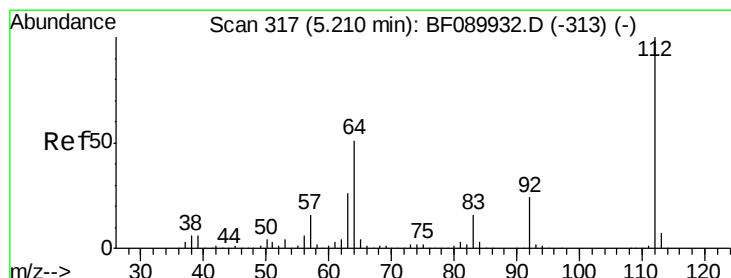
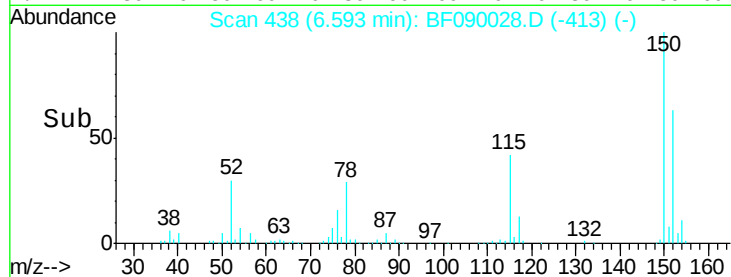
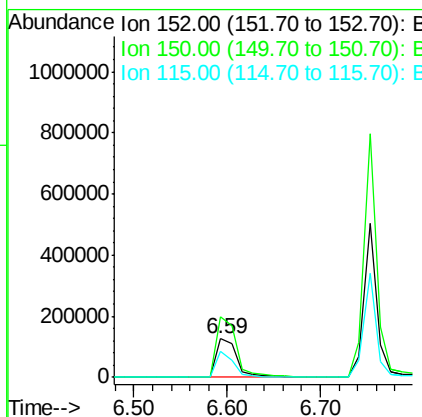
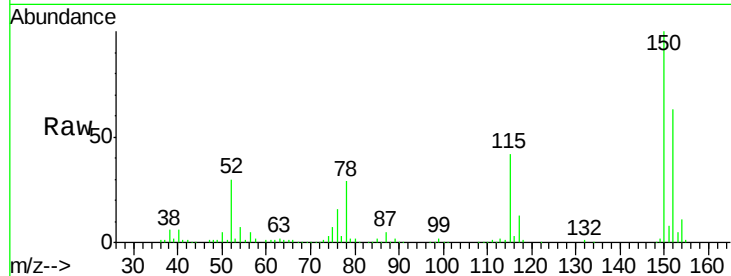
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-4.0-5.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.4	191.2
115	67.5	46.3	69.5

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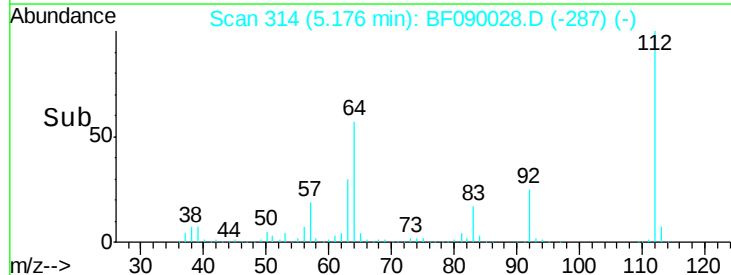
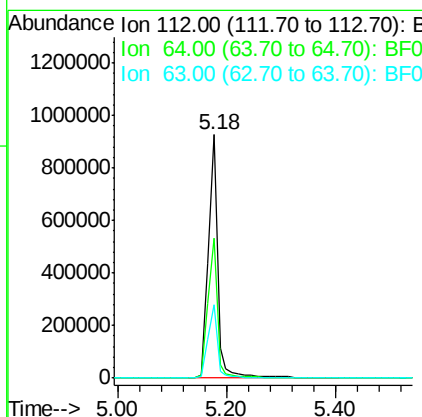
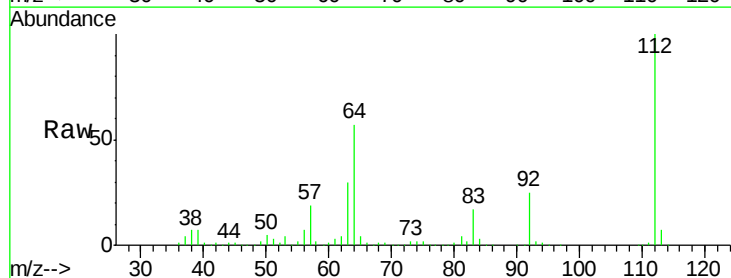
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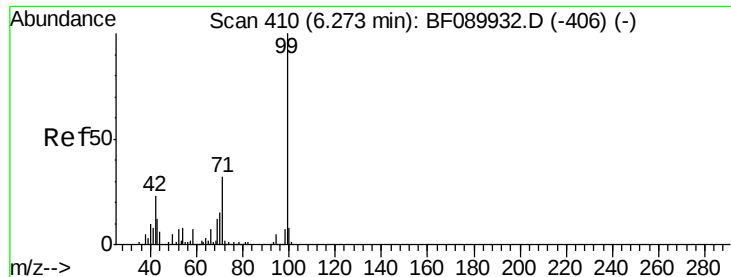


#5

2-Fluorophenol
 Concen: 92.62 ng
 RT: 5.18 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	41.1	61.7
63	30.0	21.2	31.8





#7

Phenol-d6

Concen: 104.83 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

SB-1-4.0-5.0

Tgt Ion: 99 Resp: 1547514

Ion Ratio Lower Upper

99 100

42 19.3 18.6 27.8

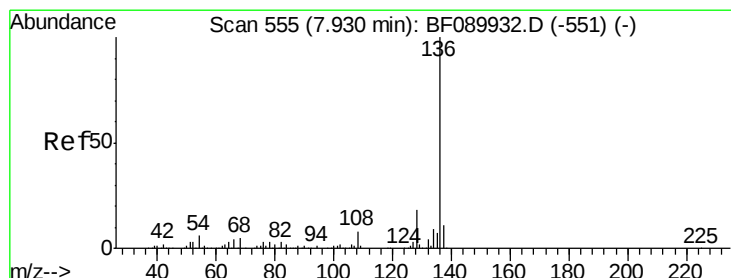
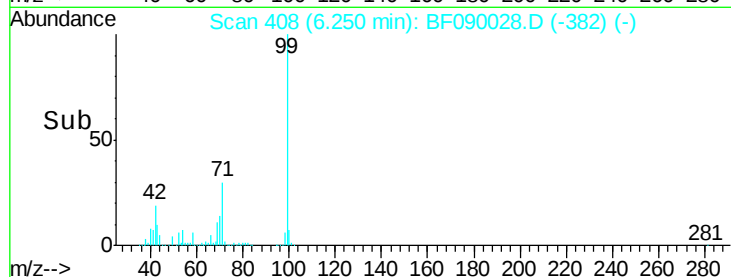
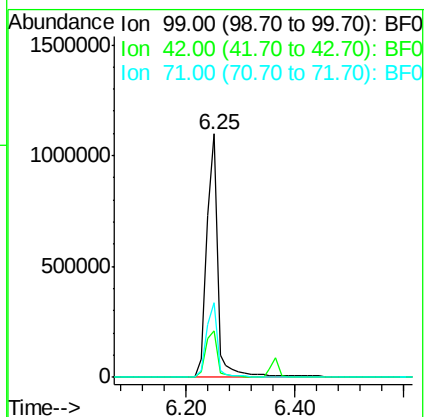
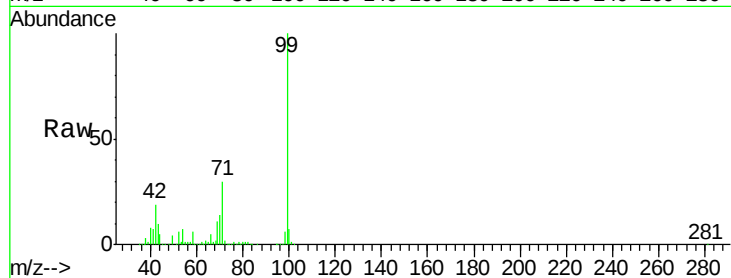
71 30.5 25.8 38.6

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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: BF090028.D

Acq: 8 Sep 2016 16:57

Tgt Ion: 136 Resp: 808940

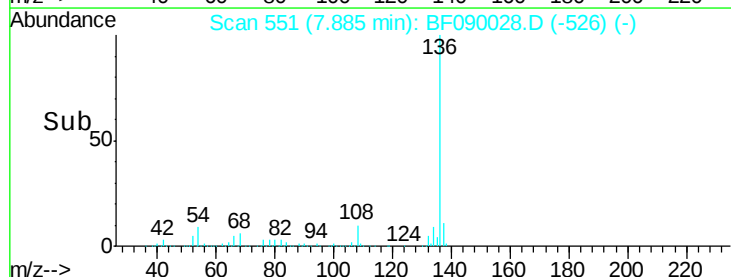
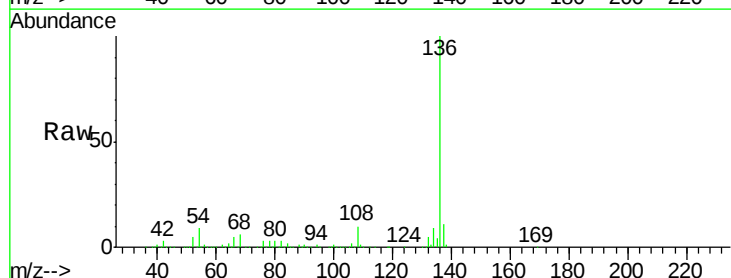
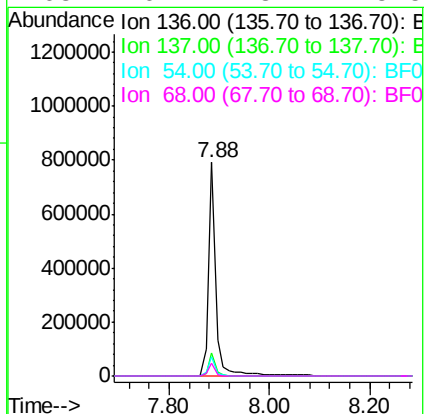
Ion Ratio Lower Upper

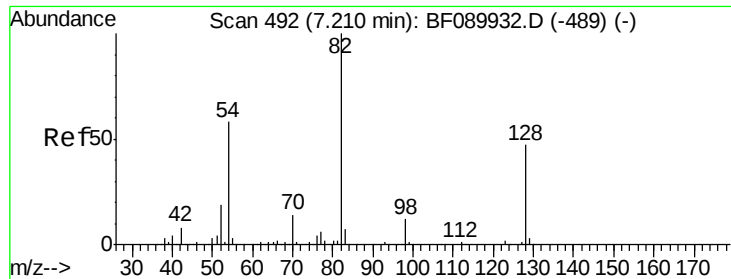
136 100

137 11.0 8.3 12.5

54 9.2 4.8 7.2#

68 6.1 3.7 5.5#





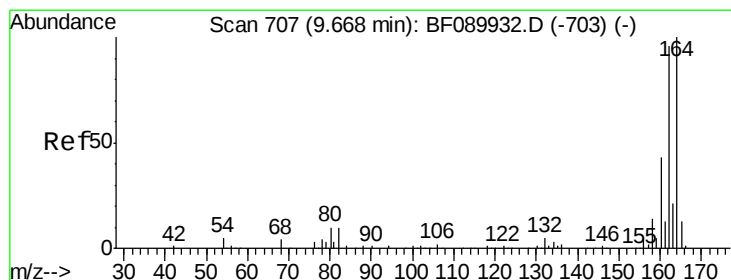
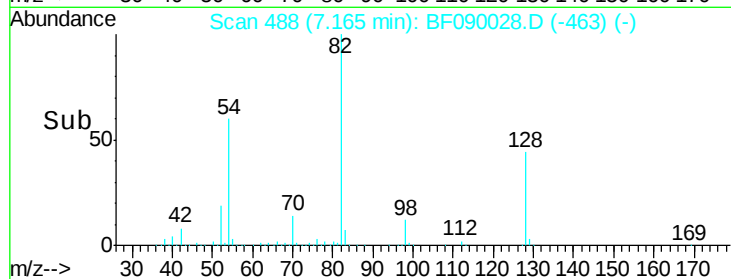
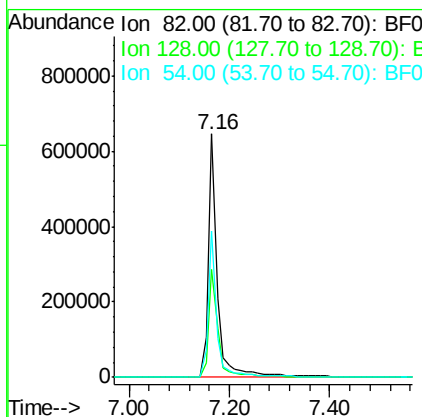
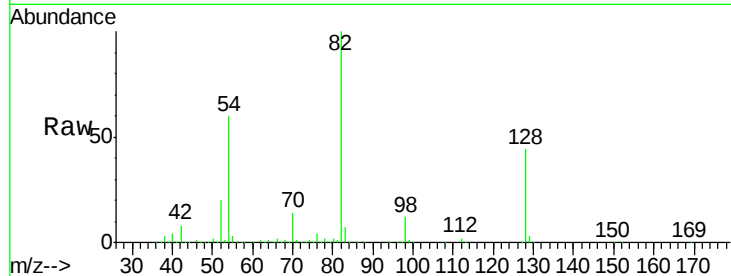
#23
 Nitrobenzene-d5
 Concen: 58.70 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Instrument :
 BNA_F
 ClientSampleID :
 SB-1-4.0-5.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.8	56.8
54	60.1	46.9	70.3

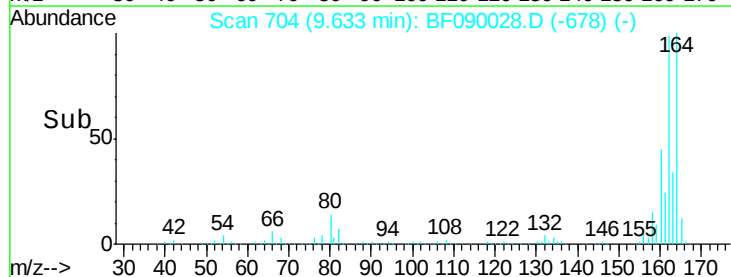
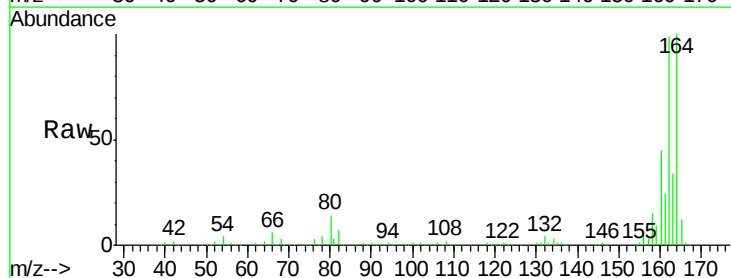
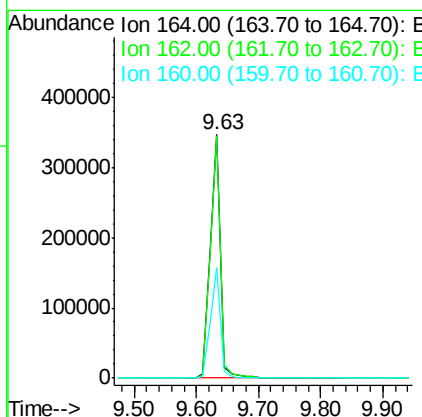
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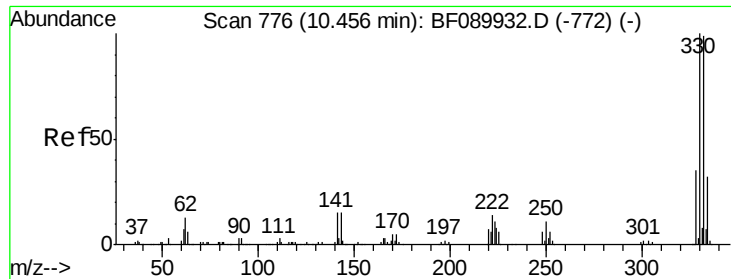
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.1	115.7
160	45.2	35.3	52.9





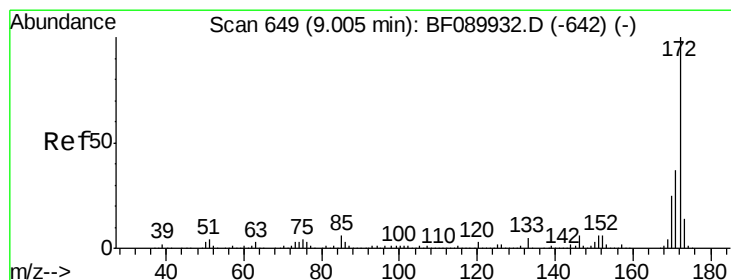
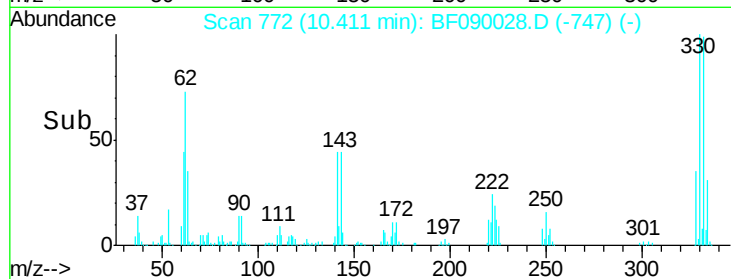
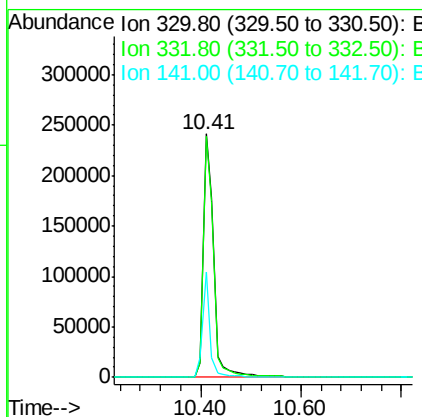
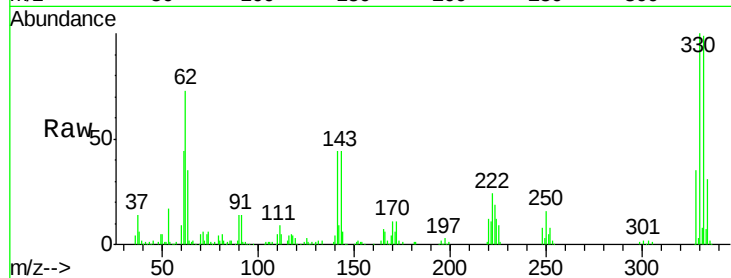
#41
 2,4,6-Tribromophenol
 Concen: 88.14 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-4.0-5.0

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	342156		
332	97.9	78.6	117.8	
141	32.5	23.3	34.9	

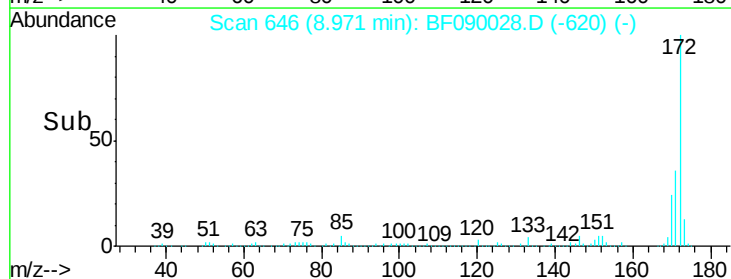
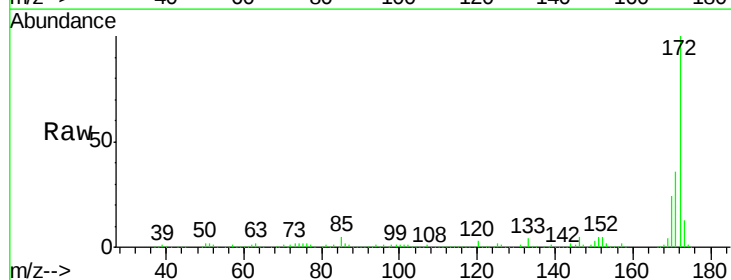
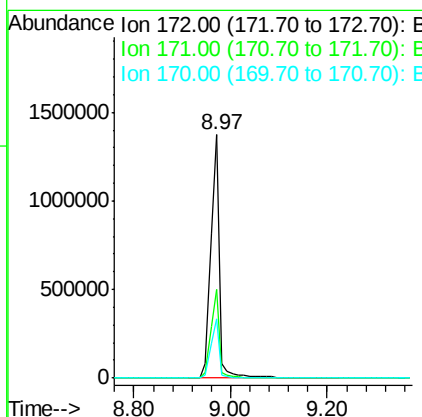
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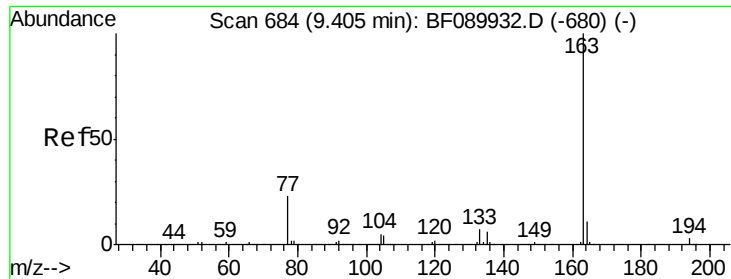
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#44
 2-Fluorobiphenyl
 Concen: 72.69 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1742284		
171	36.2	29.4	44.2	
170	24.4	20.1	30.1	





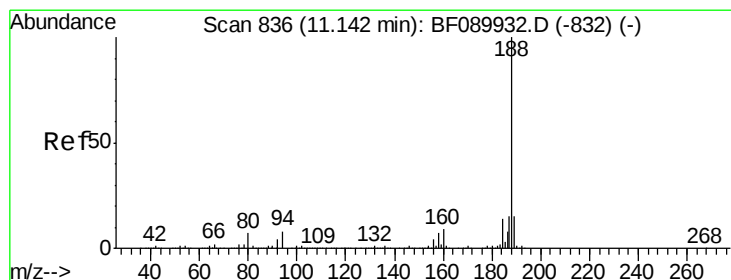
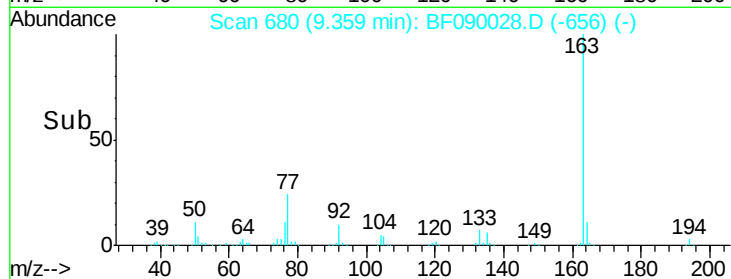
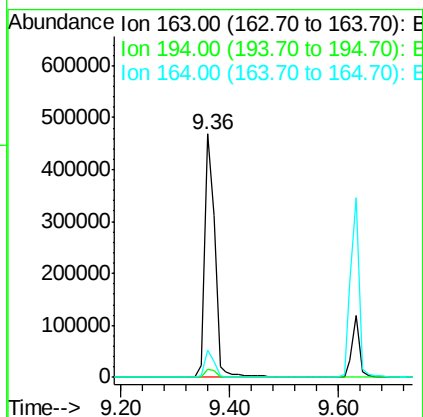
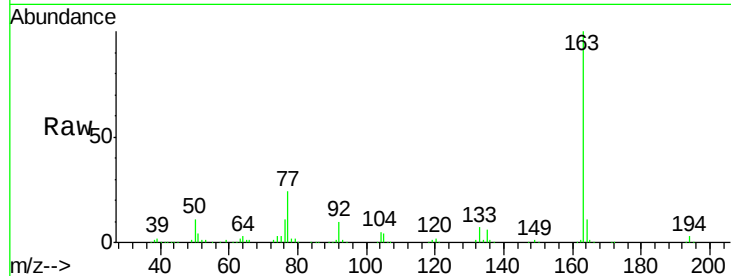
#49
Dimethylphthalate
Concen: 20.99 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SB-1-4.0-5.0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	596912		
194	3.2	2.7	4.1	
164	11.1	9.0	13.4	

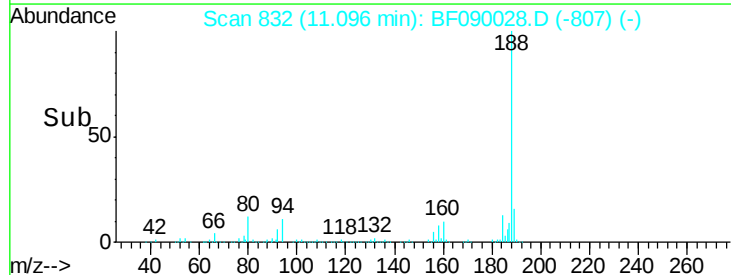
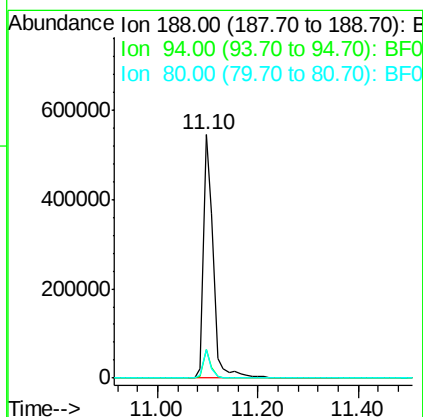
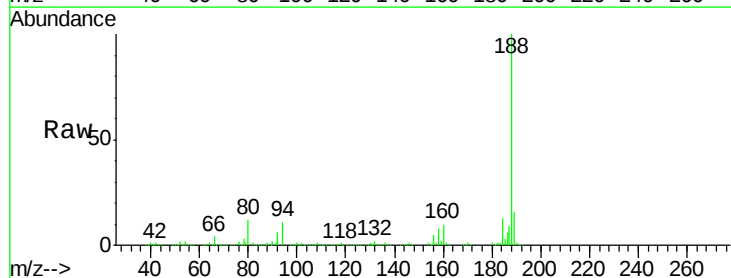
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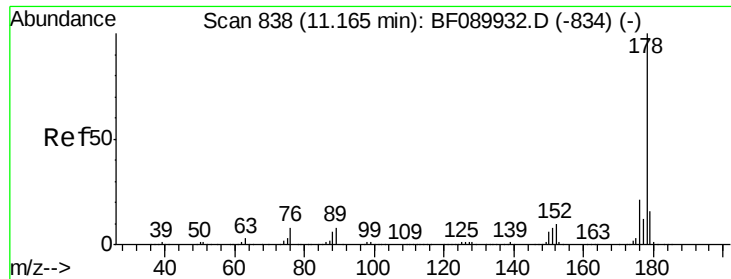
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	727622		
94	11.5	5.9	8.9#	
80	11.7	5.8	8.8#	





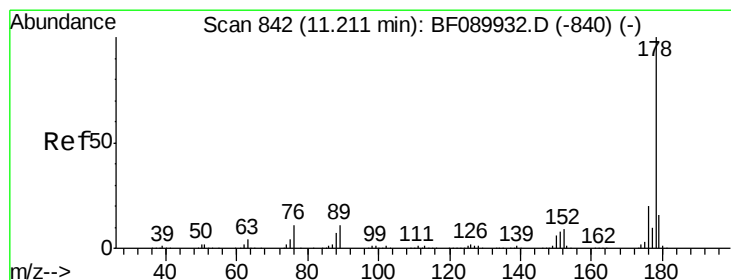
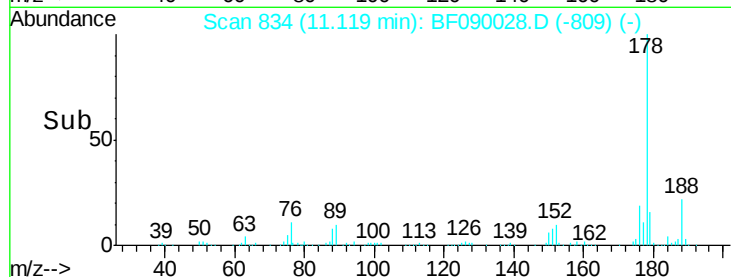
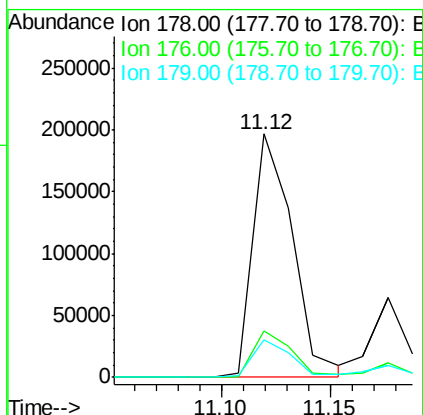
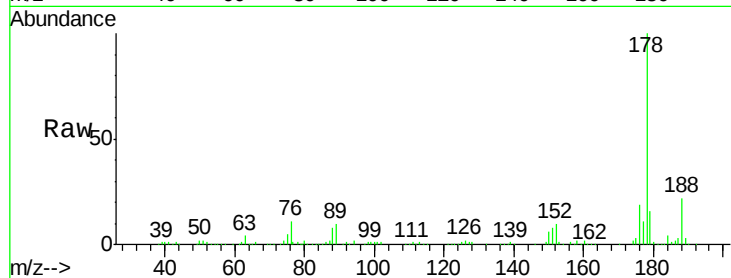
#70
Phenanthrene
Concen: 6.89 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Instrument :
BNA_F
ClientSampled :
SB-1-4.0-5.0

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.5	24.7
179	15.5	12.8	19.2

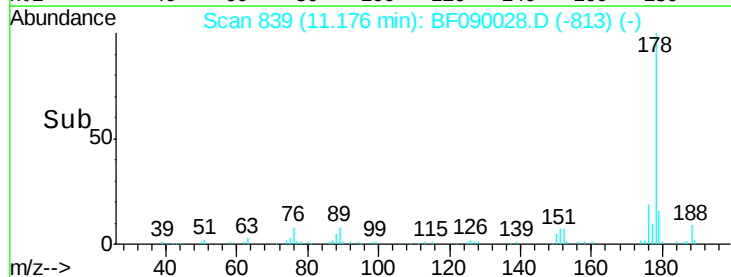
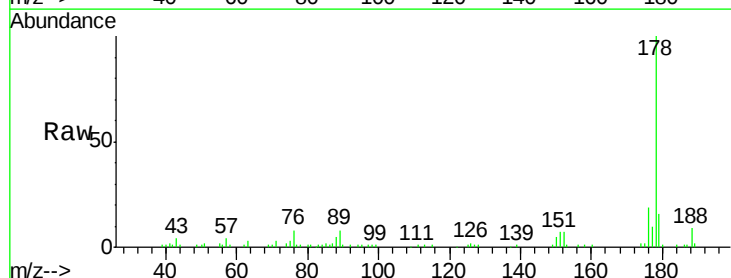
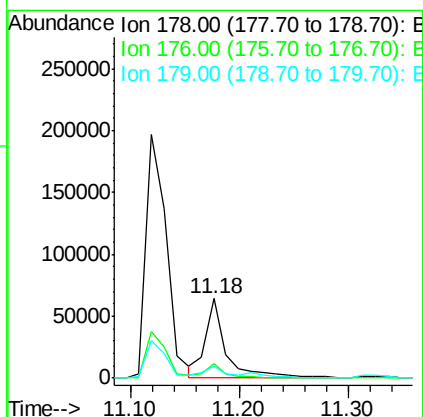
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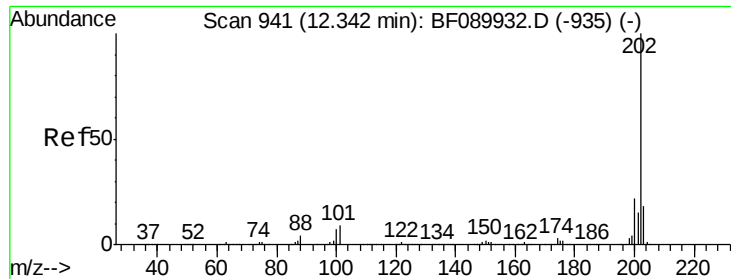
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#71
Anthracene
Concen: 2.28 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.6	13.0	19.4





#74

Fluoranthene

Concen: 13.88 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

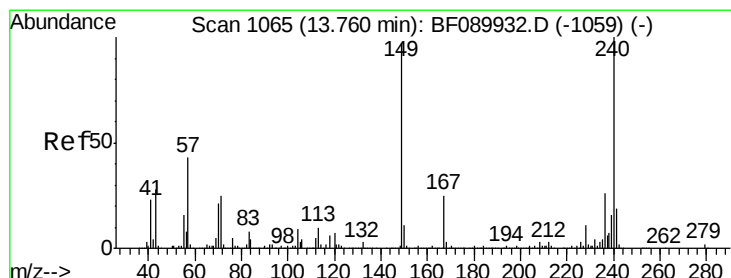
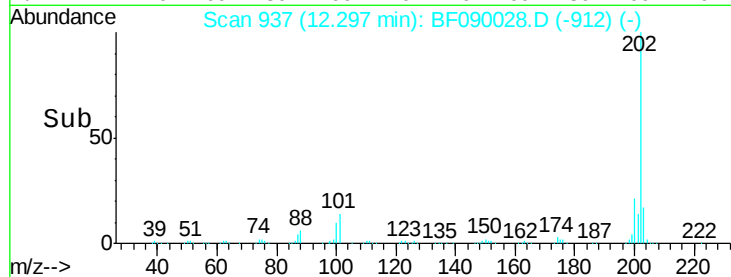
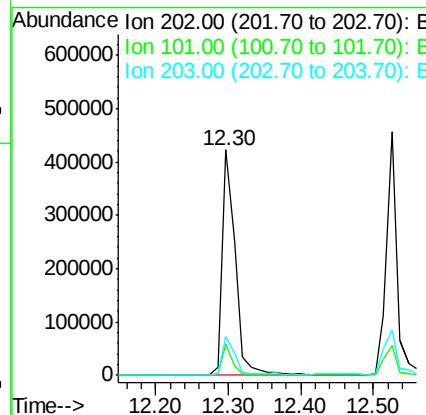
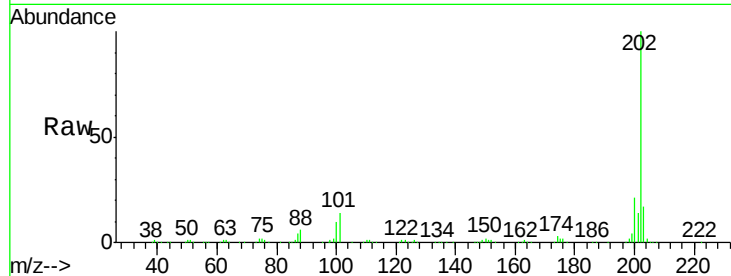
ClientSampleId :

SB-1-4.0-5.0

Tgt	Ion	202	Resp:	526960
Ion	Ratio	Lower	Upper	
202	100			
101	13.9	0.0	28.5	
203	17.3	0.0	38.0	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

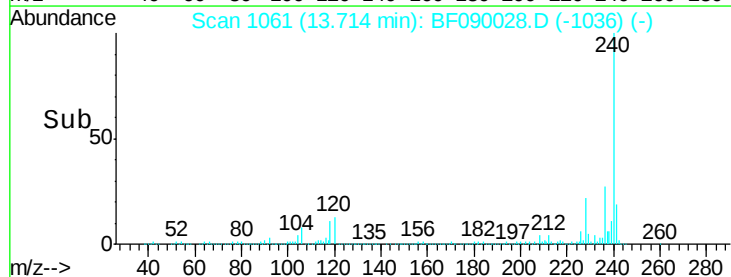
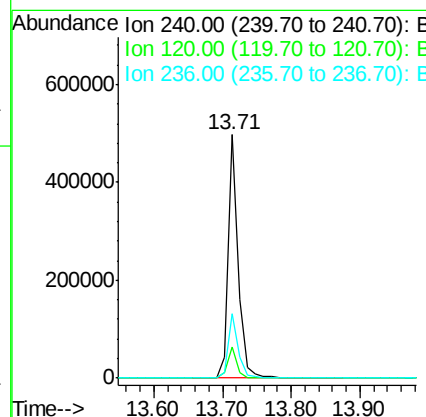
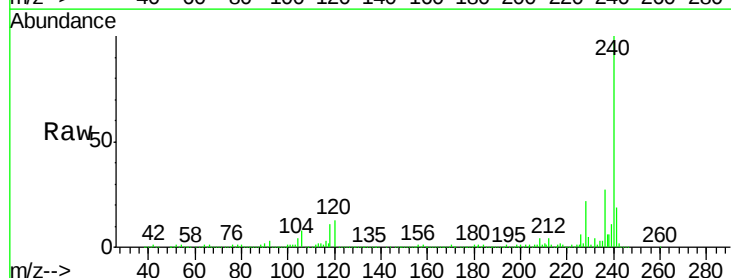
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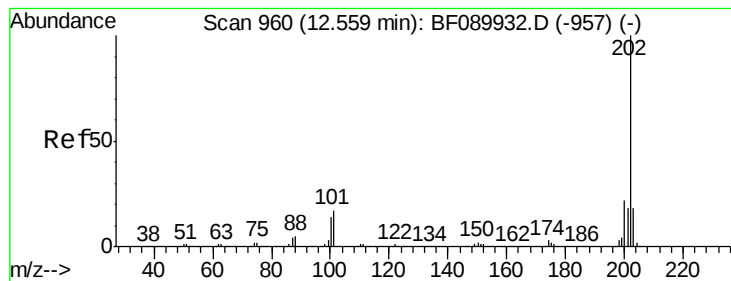
Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Tgt	Ion	240	Resp:	511297
Ion	Ratio	Lower	Upper	
240	100			
120	12.6	5.7	8.5#	
236	26.7	21.3	31.9	





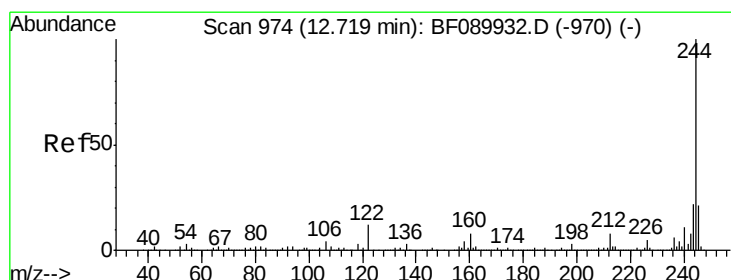
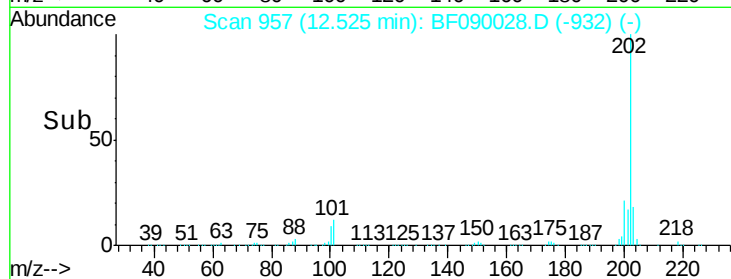
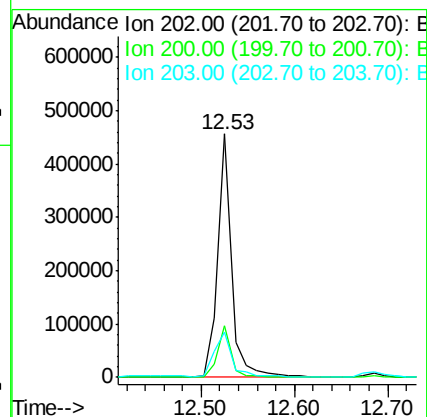
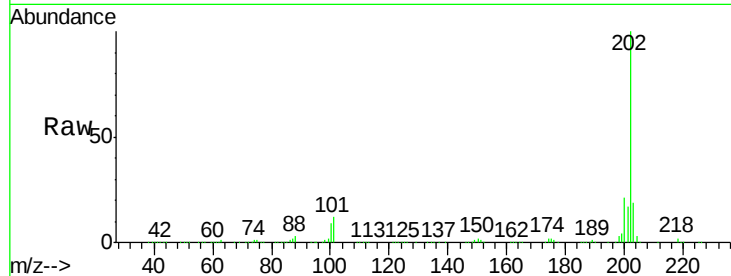
#77
 Pyrene
 Concen: 13.00 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-4.0-5.0

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.6	14.6	21.8

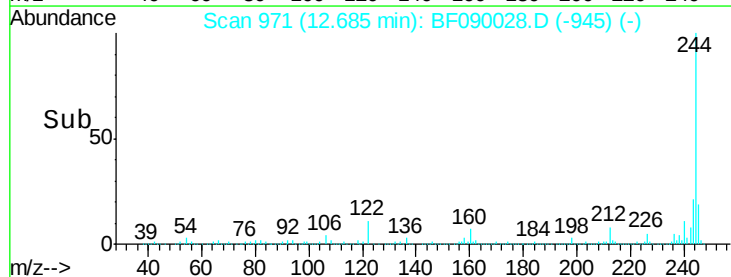
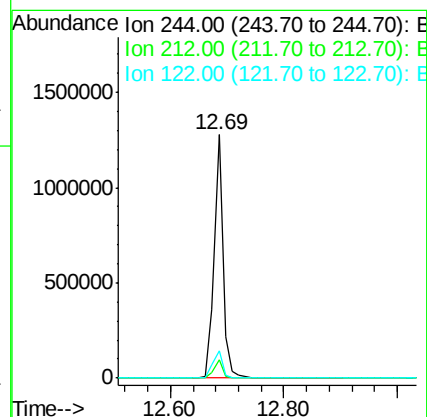
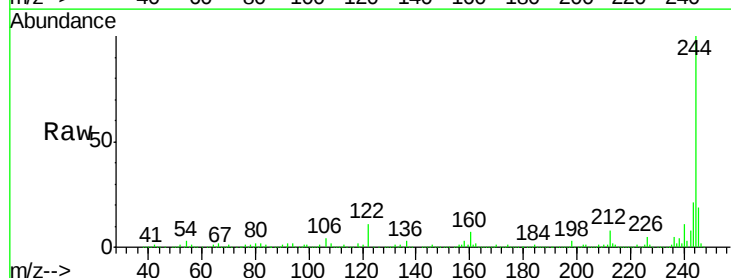
Manual Integrations
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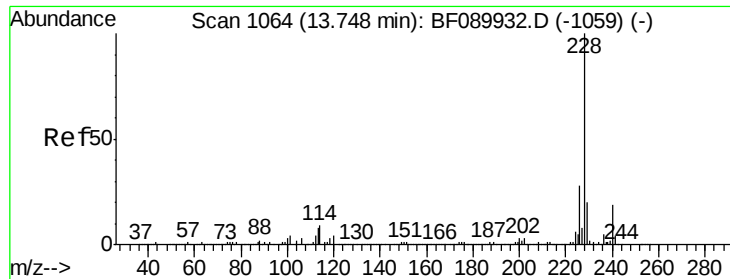
Sohil
 9/9/2016 8:39:49 AM



#78
 Terphenyl-d14
 Concen: 64.02 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.2	9.6	14.4





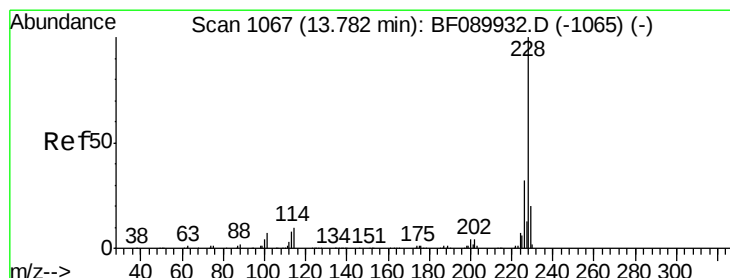
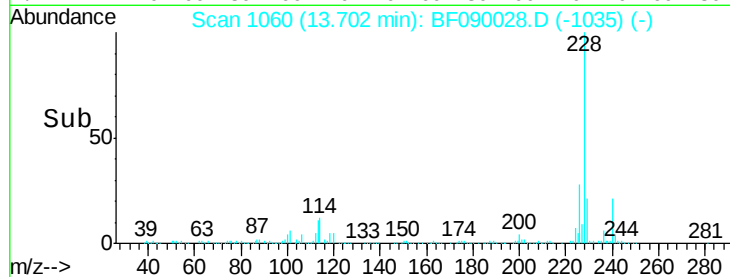
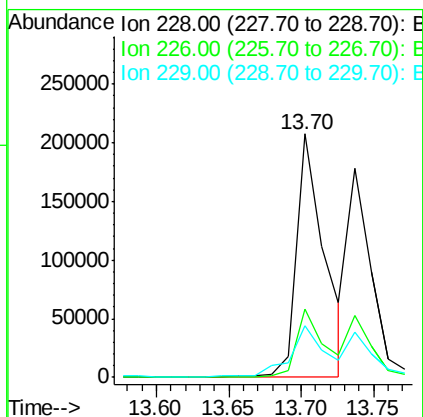
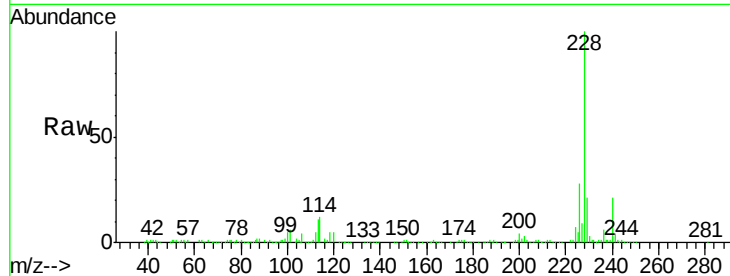
#80
Benzo(a)anthracene
Concen: 8.82 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SB-1-4.0-5.0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	21.3	15.8	23.6

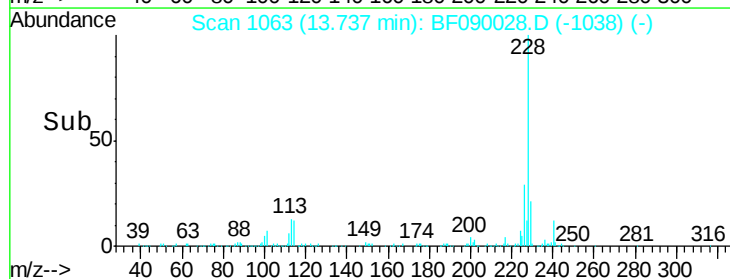
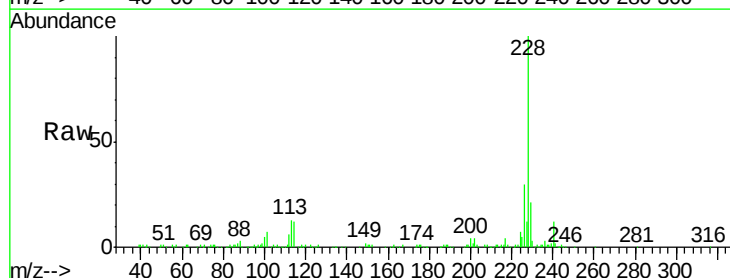
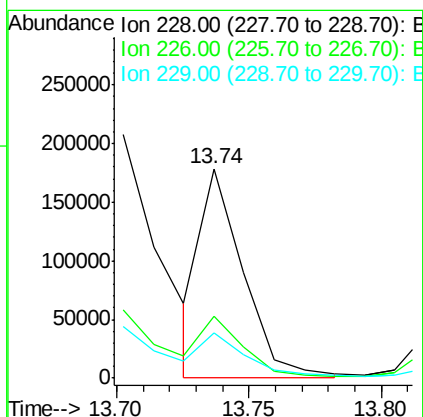
Manual Integrations
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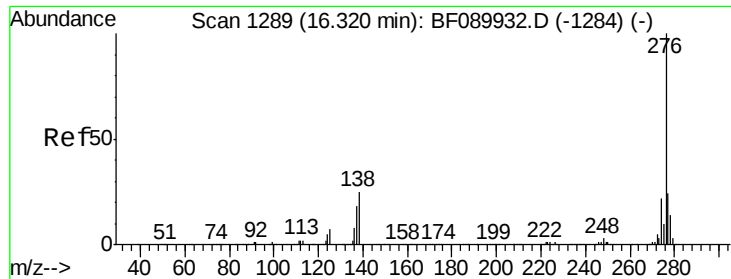
Sohil
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#82
Chrysene
Concen: 6.91 ng m
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.2	37.8
229	21.4	16.2	24.2





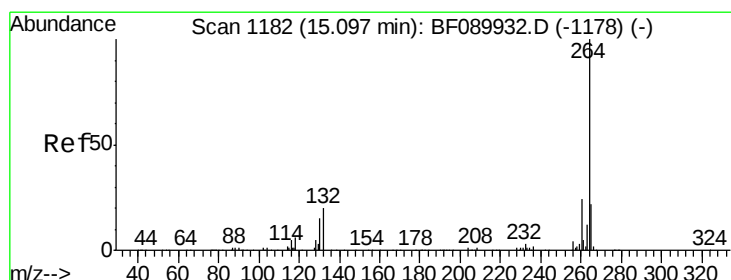
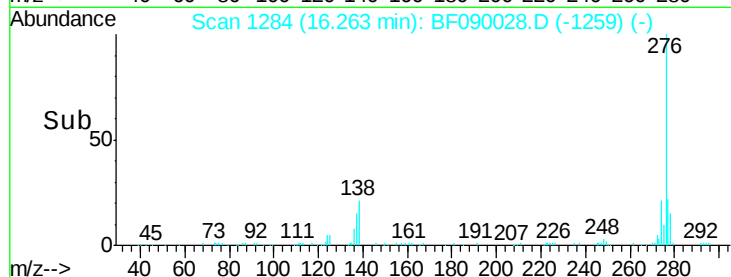
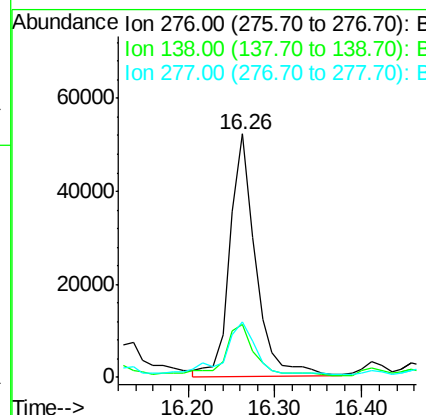
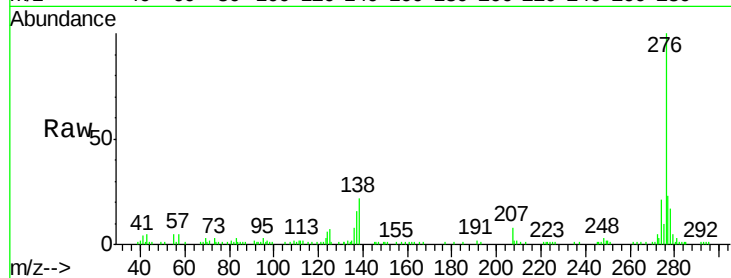
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.93 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-4.0-5.0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	106540		
138	26.1		22.6	34.0
277	25.3		20.1	30.1

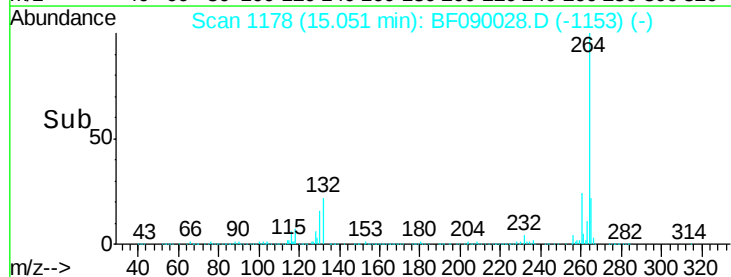
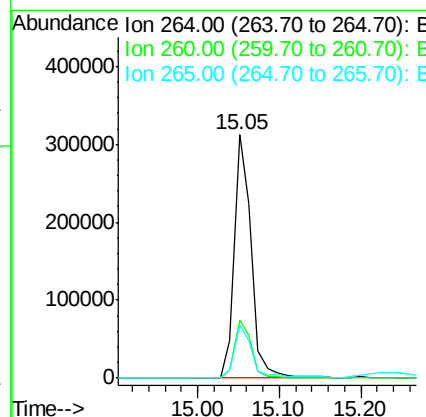
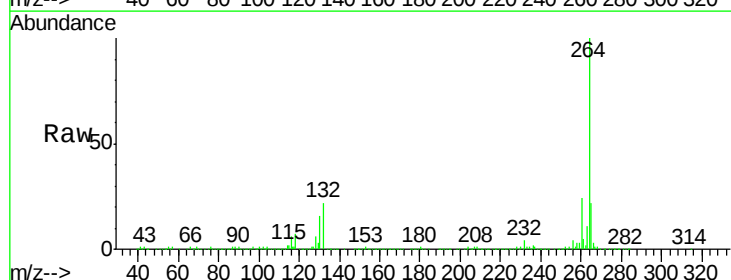
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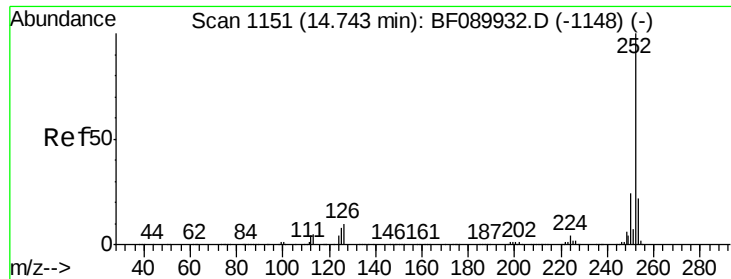
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	449465		
260	23.8		19.4	29.0
265	21.9		17.4	26.2





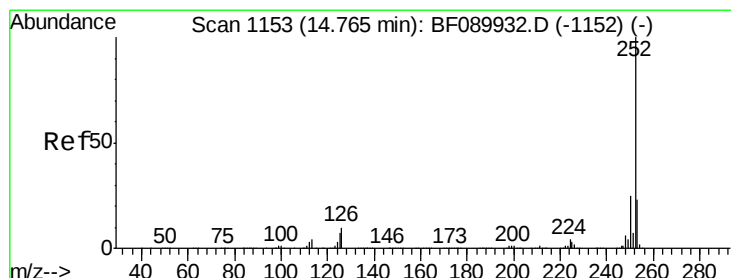
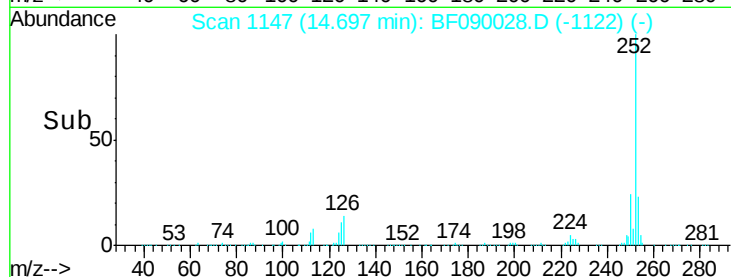
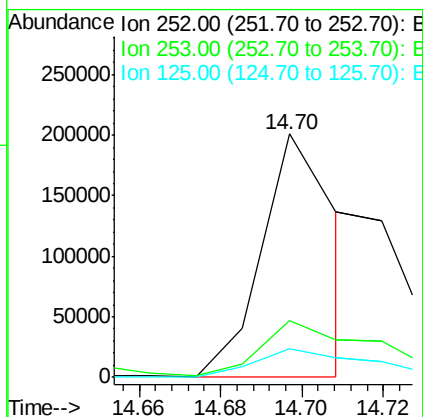
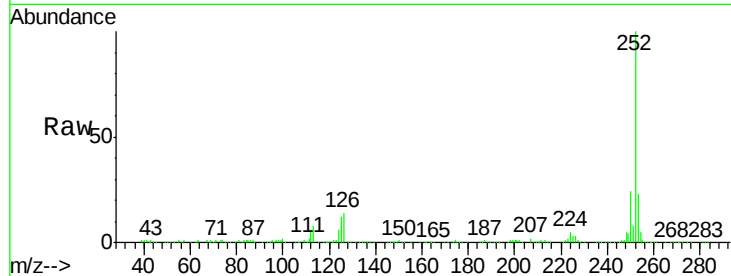
#87
Benzo(b)fluoranthene
Concen: 9.22 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SB-1-4.0-5.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.5	5.7	8.5

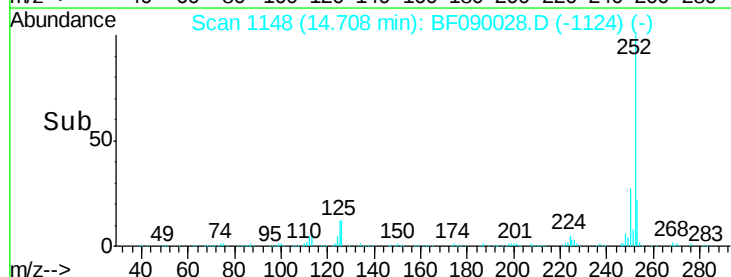
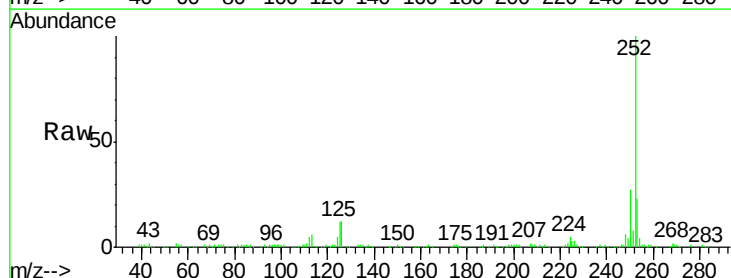
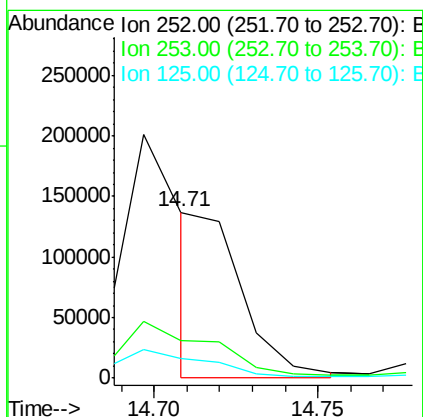
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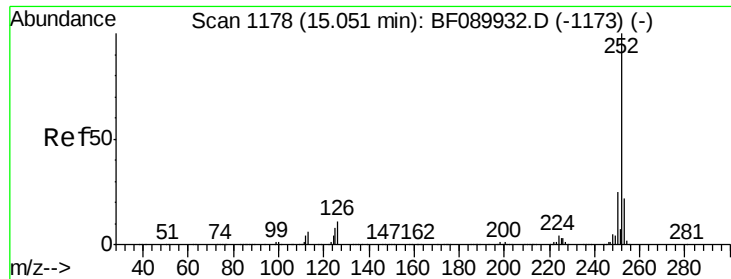
Sohil
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#88
Benzo(k)fluoranthene
Concen: 5.22 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.0	7.3	10.9





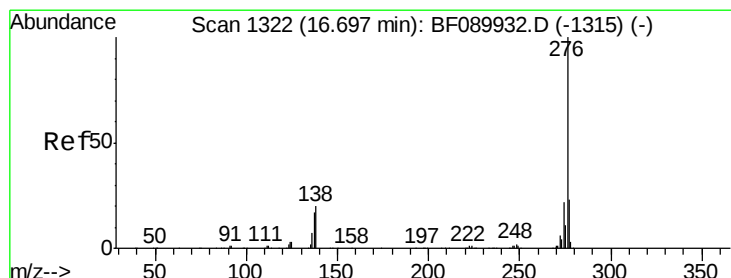
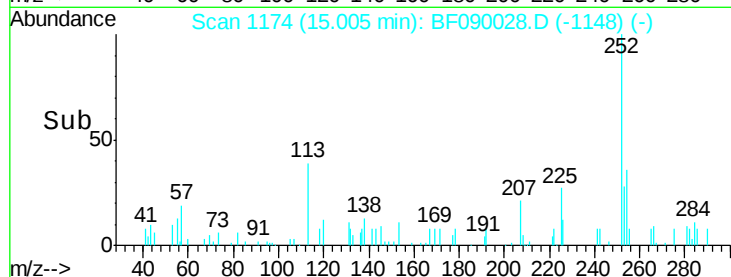
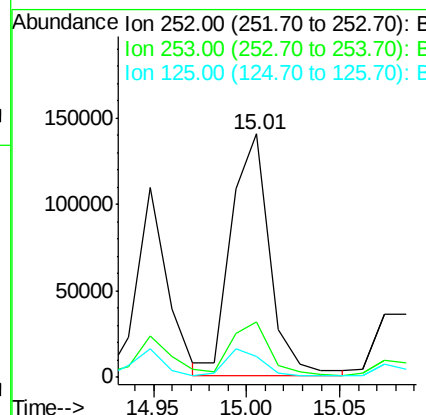
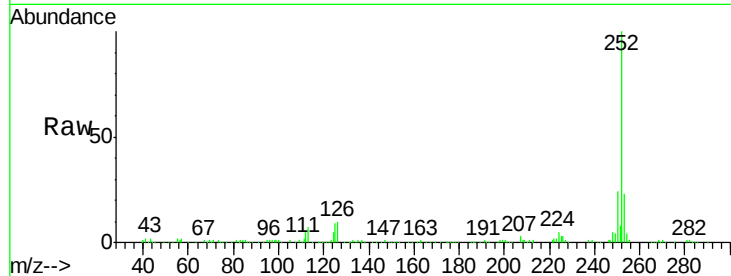
#89
Benzo(a)pyrene
Concen: 8.40 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SB-1-4.0-5.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	17.5	26.3
125	8.7	6.3	9.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.28 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.0	28.4
138	26.6	16.4	24.6

