

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090288.D
 Acq On : 29 Sep 2016 12:49
 Operator : UM/SJ
 Sample : H4982-13 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-34

Manual Integrations
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Quant Time: Sep 29 14:23:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	167664	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	659942	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	329434	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	475295	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	319119	20.00	ng	-0.02
86) Perylene-d12	14.90	264	291511	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	291672	28.36	ng	-0.02
7) Phenol-d6	6.10	99	383543	30.19	ng	-0.03
23) Nitrobenzene-d5	7.03	82	230343	20.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	79594	28.16	ng	-0.02
44) 2-Fluorobiphenyl	8.83	172	425959	25.38	ng	-0.02
78) Terphenyl-d14	12.55	244	296920	23.62	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	118842	5.66	ng	99
70) Phenanthrene	10.98	178	132839	5.98	ng	98
74) Fluoranthene	12.16	202	222354	9.32	ng	96
77) Pyrene	12.38	202	171180	7.84	ng	# 94
80) Benzo(a)anthracene	13.57	228	64629	3.76	ng	99
82) Chrysene	13.60	228	71589m	4.28	ng	
85) Indeno(1,2,3-cd)pyrene	16.03	276	39544	2.92	ng	90
87) Benzo(b)fluoranthene	14.56	252	88377m	5.47	ng	
88) Benzo(k)fluoranthene	14.57	252	32589m	2.15	ng	
89) Benzo(a)pyrene	14.85	252	58426	3.85	ng	# 91
91) Benzo(g,h,i)perylene	16.38	276	40354	3.48	ng	95

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

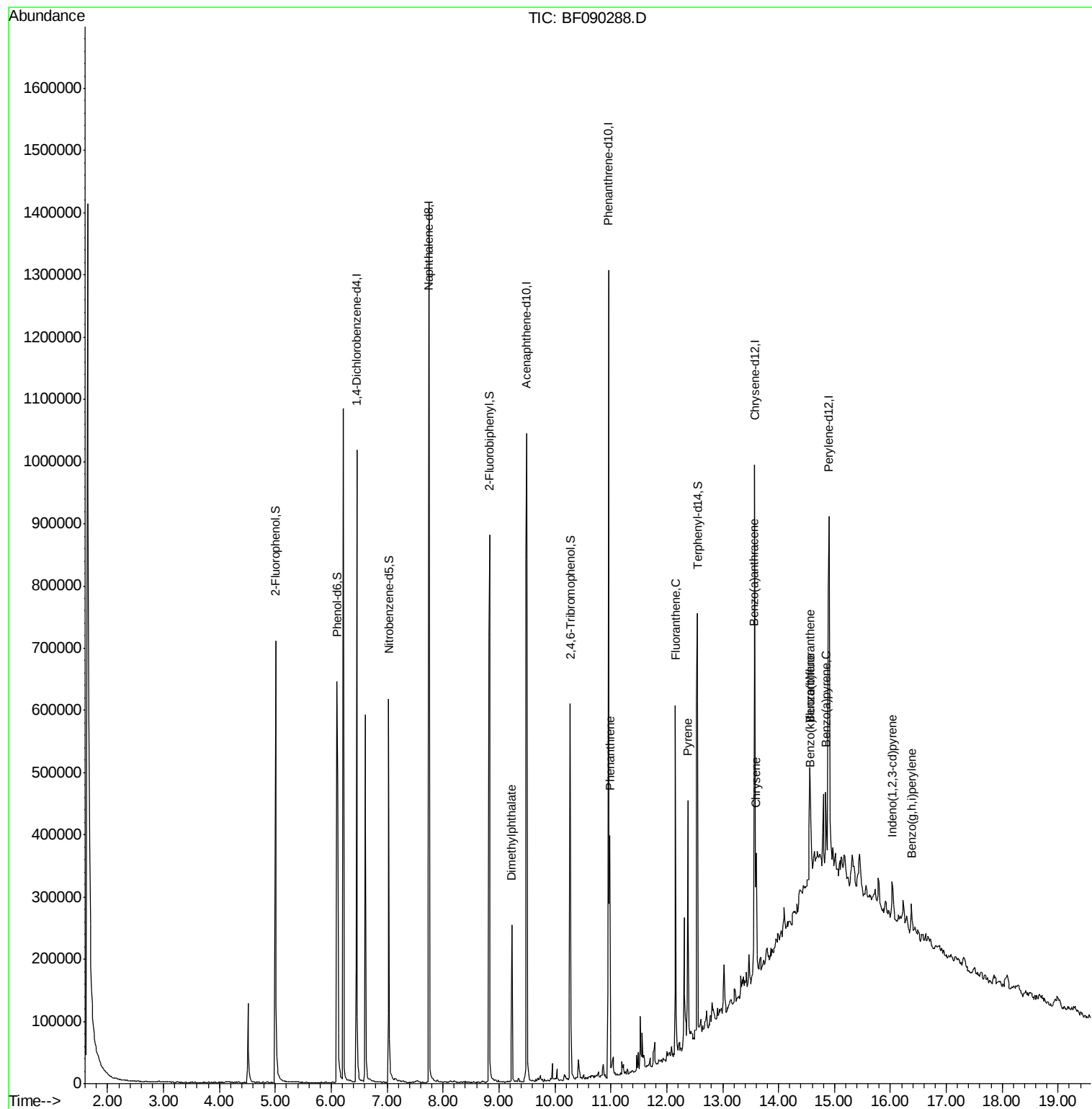
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090288.D
Acq On : 29 Sep 2016 12:49
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Sample : H4982-13 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Sep 29 14:23:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

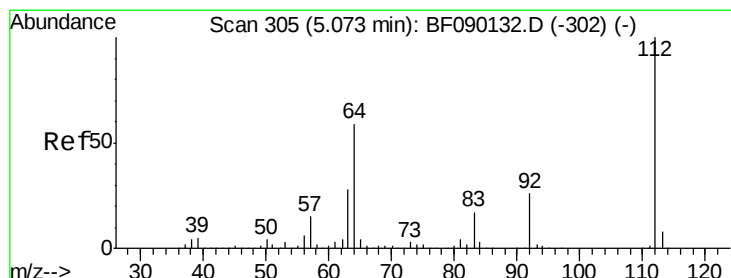
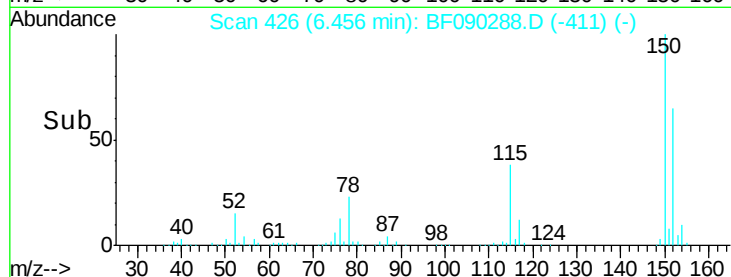
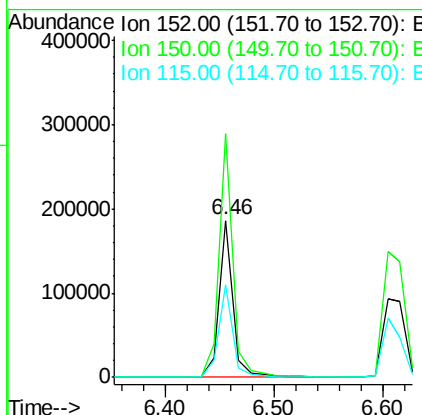
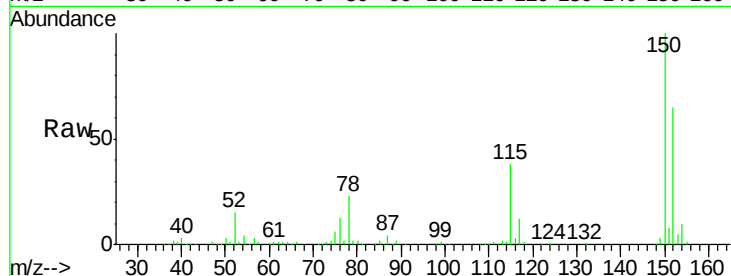
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	128.9	193.3
115	59.2	55.5	83.3

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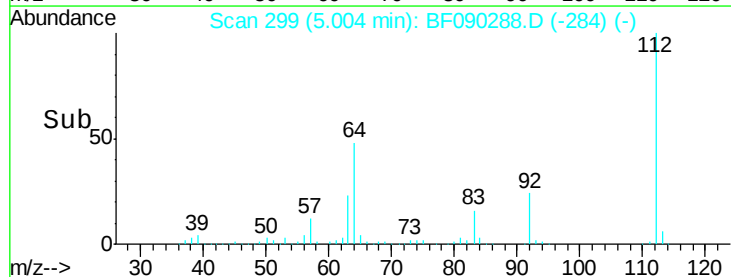
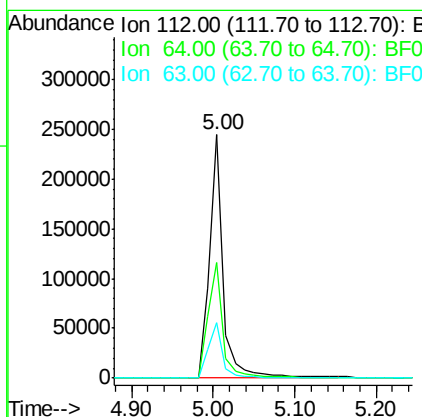
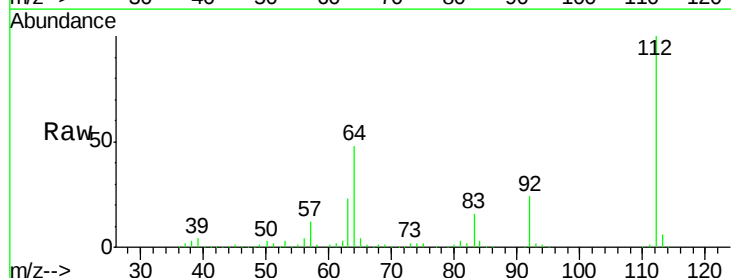
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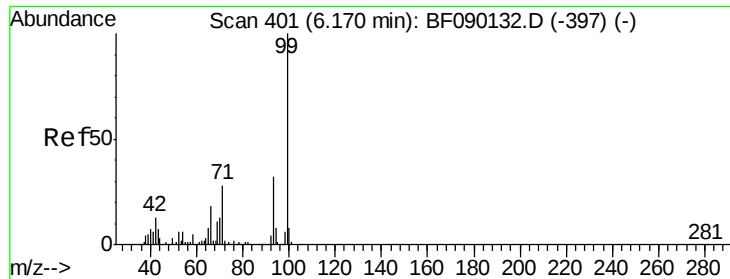


#5

2-Fluorophenol
Concen: 28.36 ng
RT: 5.00 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.6	39.8	59.6
63	23.0	18.9	28.3





#7

Phenol-d6

Concen: 30.19 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Instrument :

BNA_F

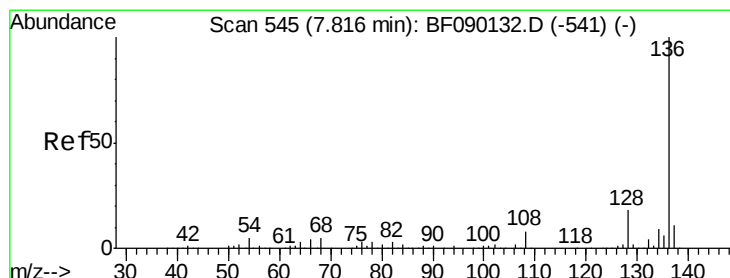
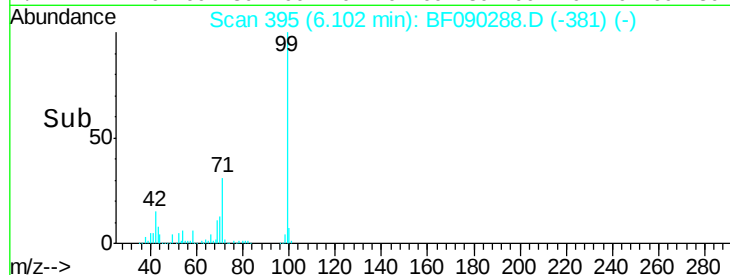
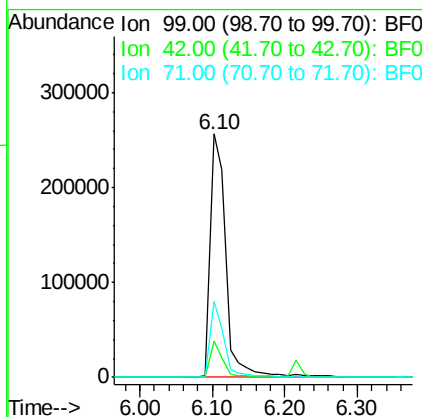
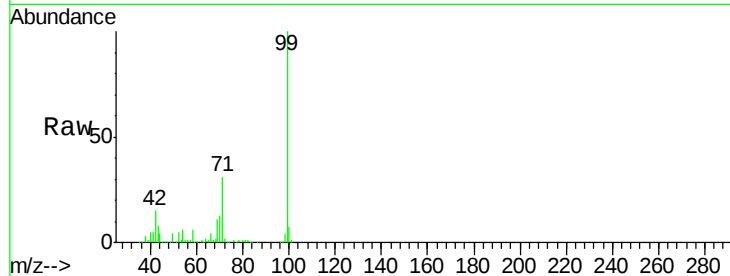
ClientSampleId :

S-34

Tot Ion:	99	Resp:	383543
Ion Ratio	Lower	Upper	
99	100		
42	14.7	10.6	15.8
71	30.9	23.0	34.6

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#21

Naphthalene-d8

Concen: 20.00 ng

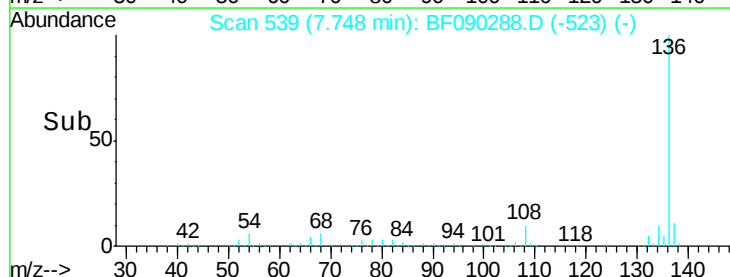
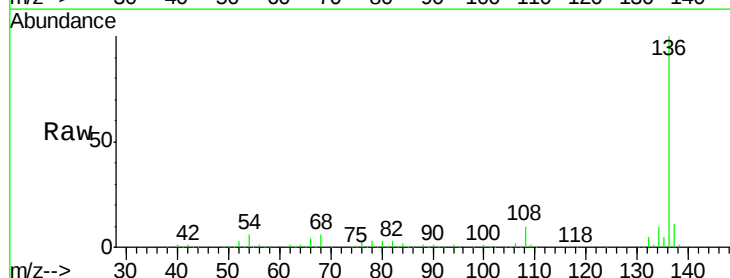
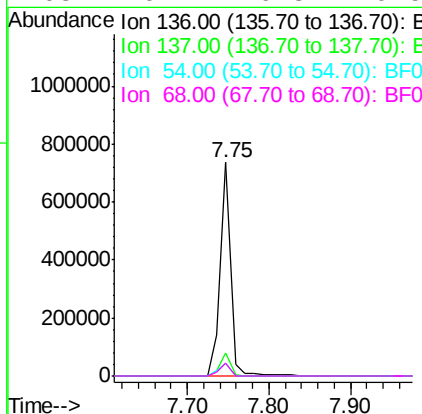
RT: 7.75 min Scan# 539

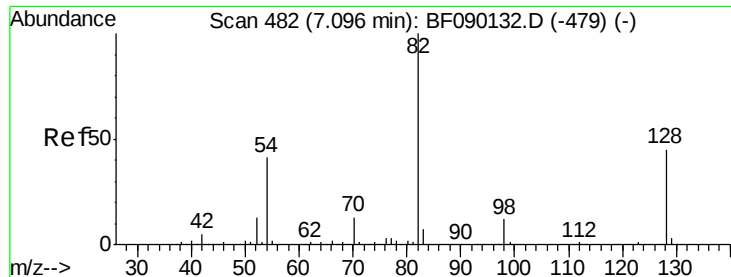
Delta R.T. -0.02 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Tgt Ion:	136	Resp:	659942
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	6.2	6.4	9.6#
68	6.2	6.3	9.5#





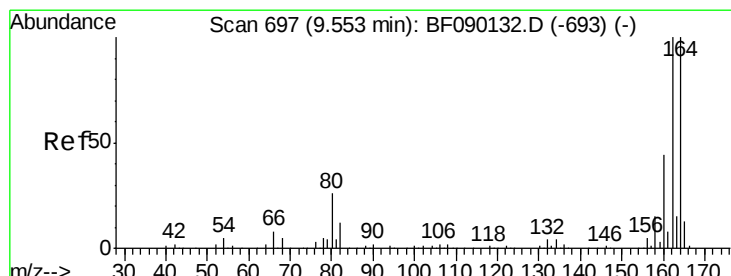
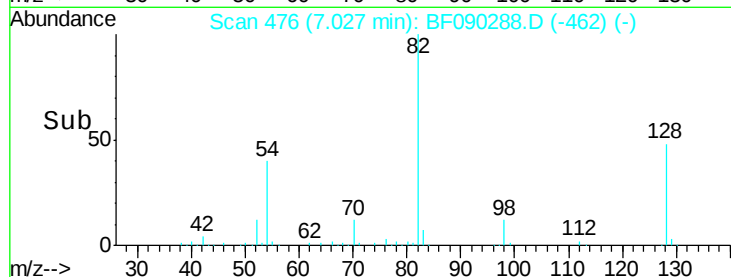
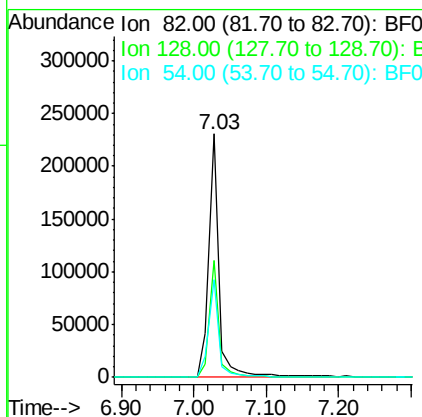
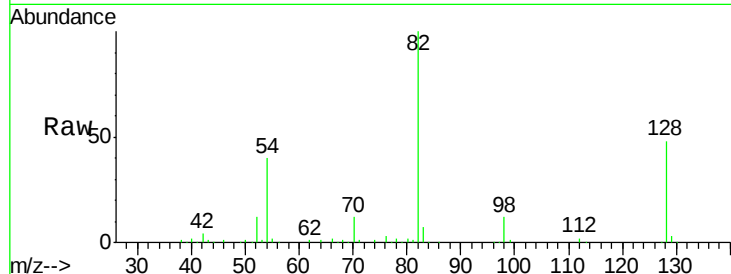
#23
 Nitrobenzene-d5
 Concen: 20.23 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF090288.D
 Acq: 29 Sep 2016 12:49

Instrument :
 BNA_F
 ClientSampled :
 S-34

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.5	56.3
54	39.9	31.9	47.9

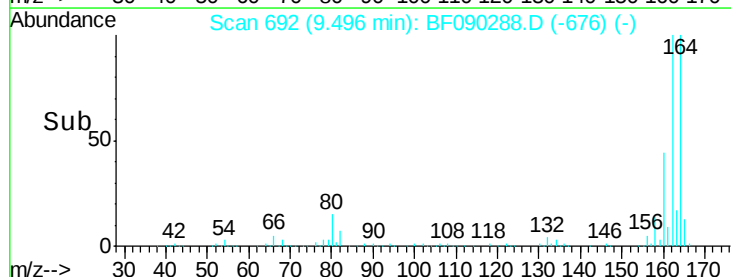
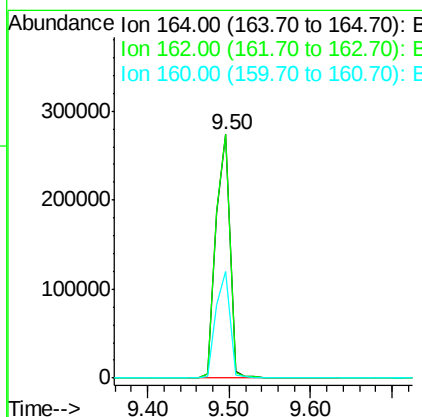
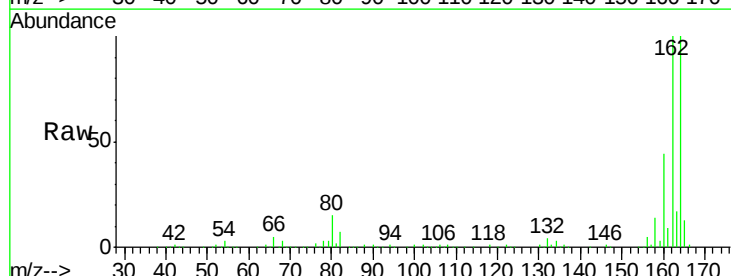
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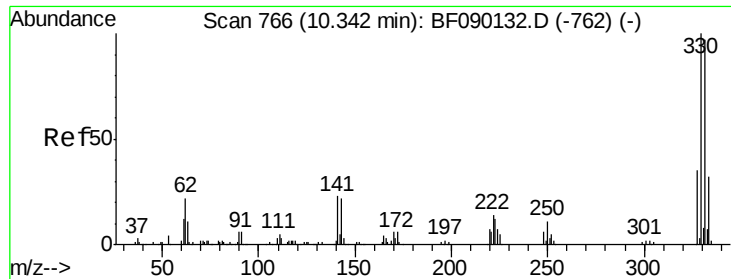
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090288.D
 Acq: 29 Sep 2016 12:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.2
160	43.7	36.6	54.8





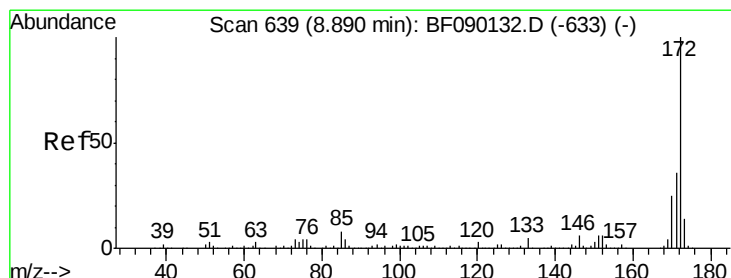
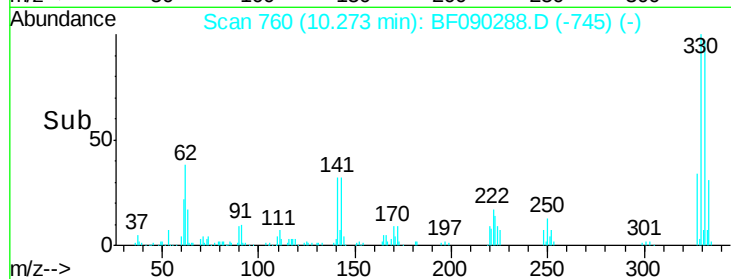
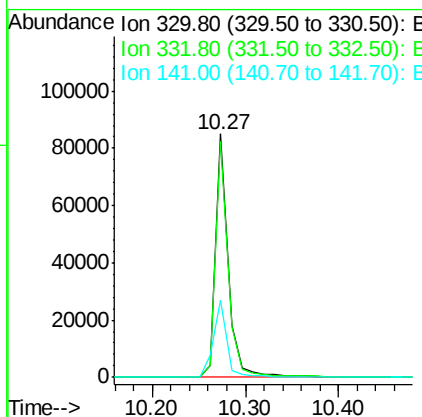
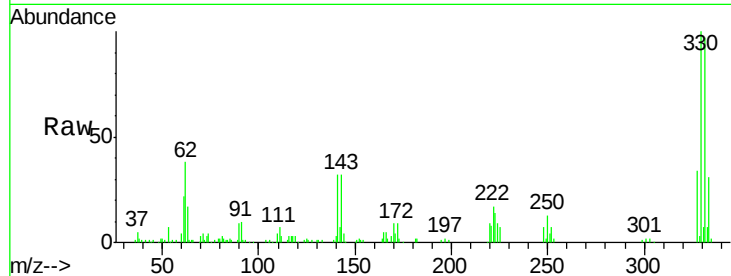
#41
 2,4,6-Tribromophenol
 Concen: 28.16 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090288.D
 Acq: 29 Sep 2016 12:49

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	33.4	23.9	35.9

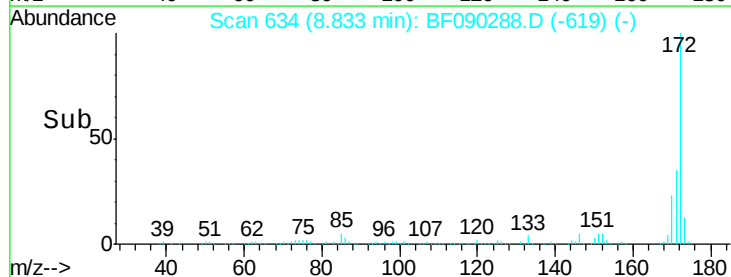
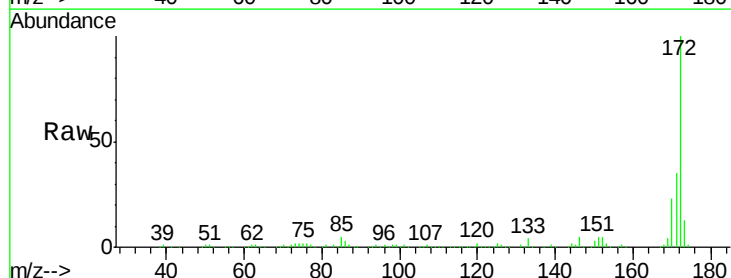
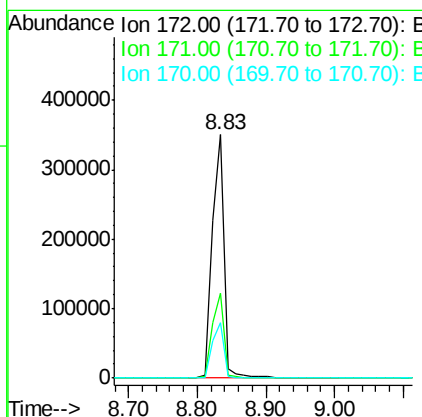
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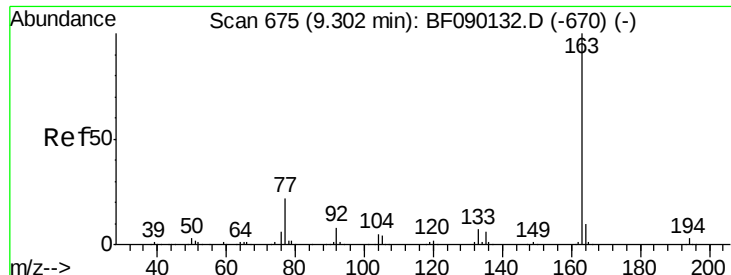
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#44
 2-Fluorobiphenyl
 Concen: 25.38 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090288.D
 Acq: 29 Sep 2016 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.2	43.8
170	22.8	19.8	29.8





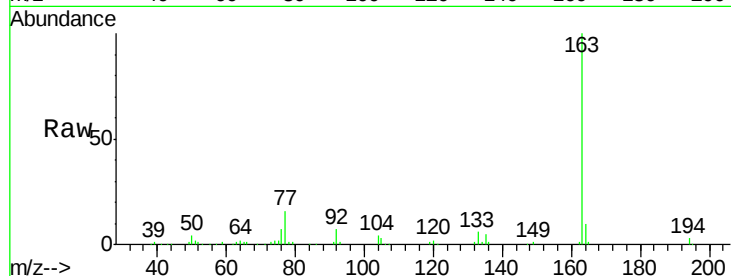
#49
Dimethylphthalate
Concen: 5.66 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Instrument :
BNA_F
ClientSampleId :
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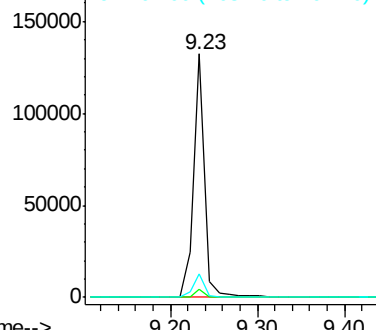
Tot Ion	Ratio	Resp	Lower	Upper
163	100	118842		
194	3.5	2.8	4.2	
164	9.8	8.1	12.1	

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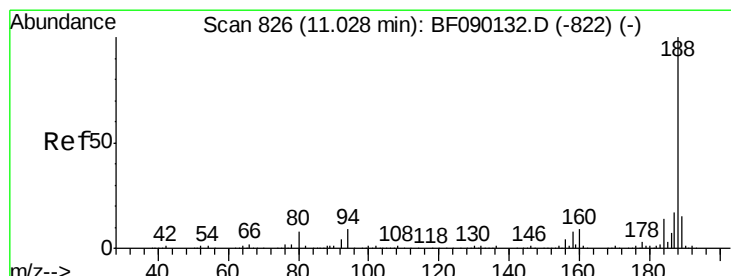
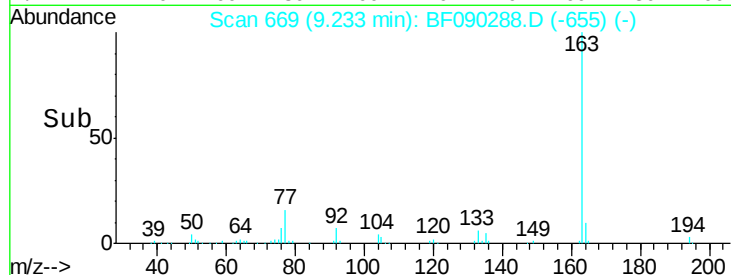
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

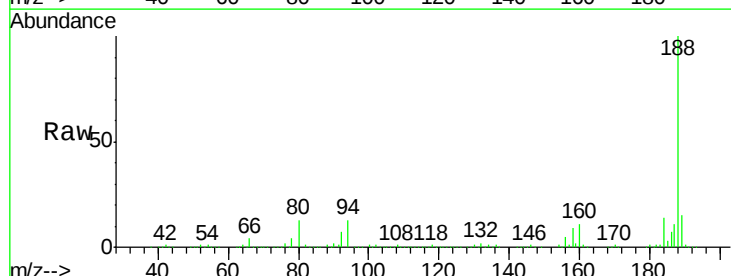


Time-->

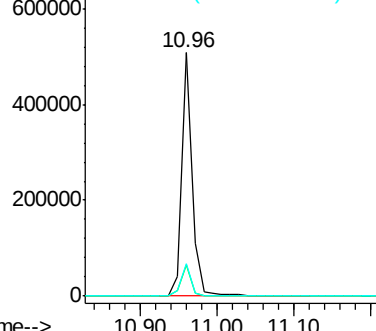


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

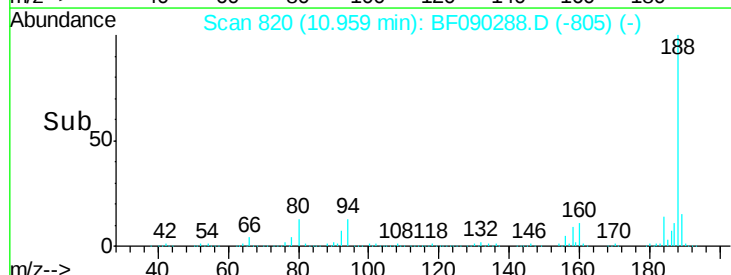
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	475295		
94	12.7	10.5	15.7	
80	13.2	11.2	16.8	

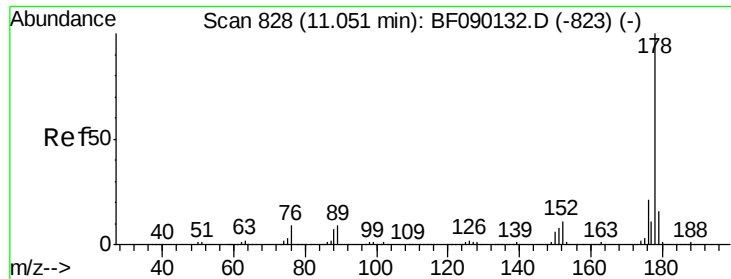


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time-->





#70

Phenanthrene

Concen: 5.98 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Instrument :

BNA_F

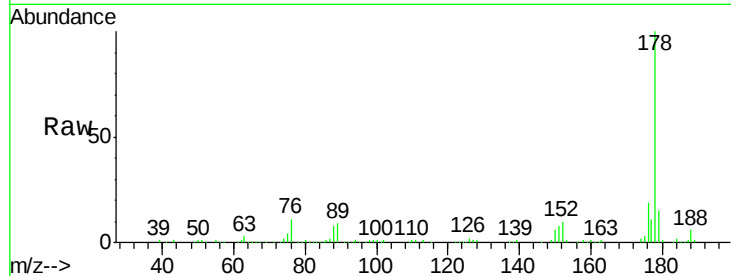
ClientSampled :

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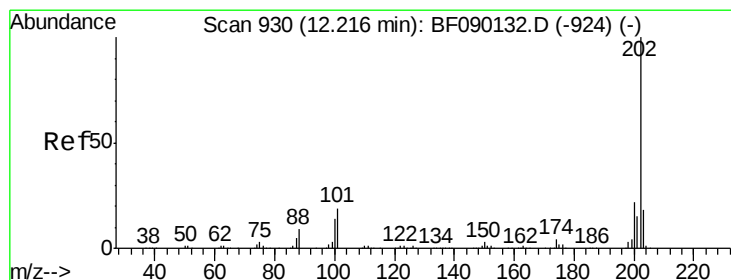
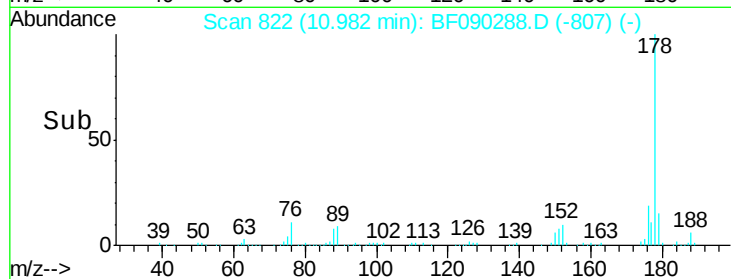
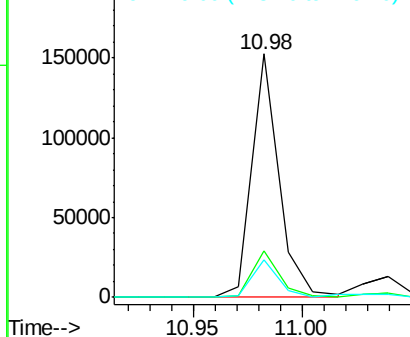
Tot Ion:	178	Resp:	132839
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.9	23.9
179	15.4	12.9	19.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 9.32 ng

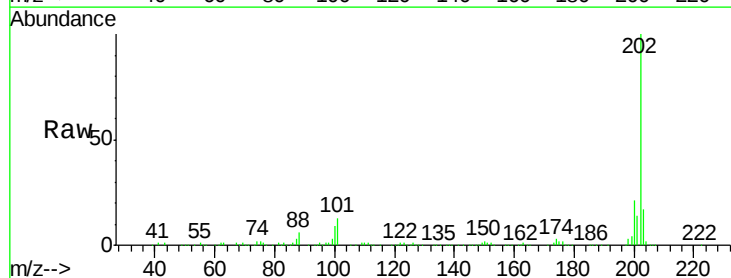
RT: 12.16 min Scan# 925

Delta R.T. -0.02 min

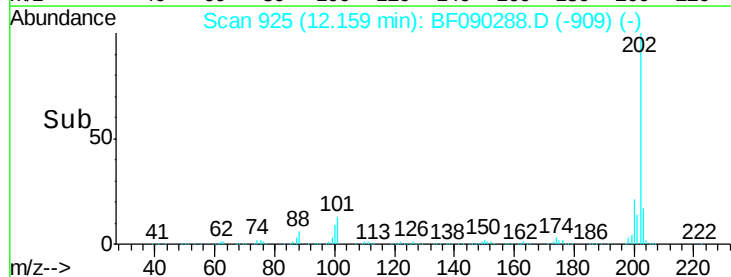
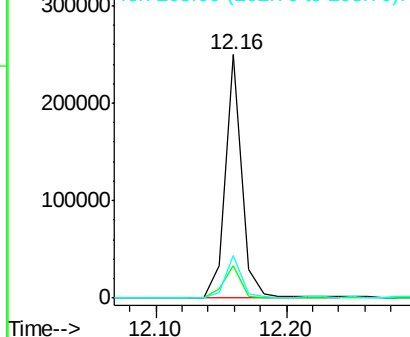
Lab File: BF090288.D

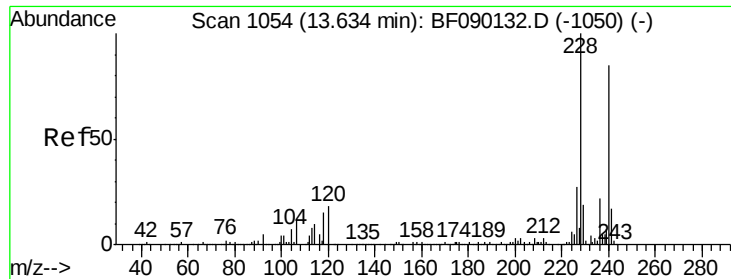
Acq: 29 Sep 2016 12:49

Tgt Ion:	202	Resp:	222354
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	36.1
203	17.4	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Instrument :

BNA_F

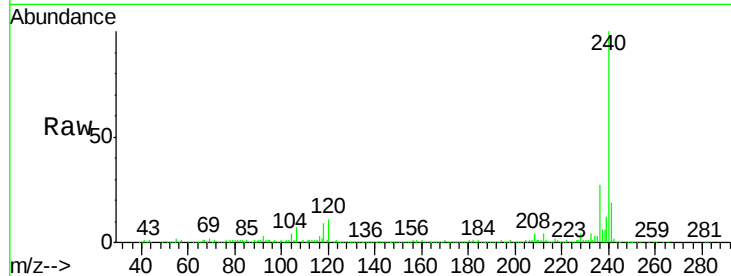
ClientSampleId :

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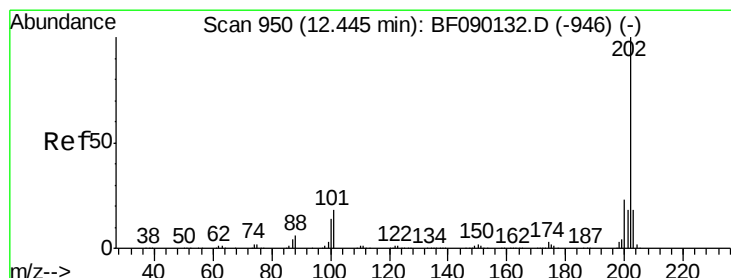
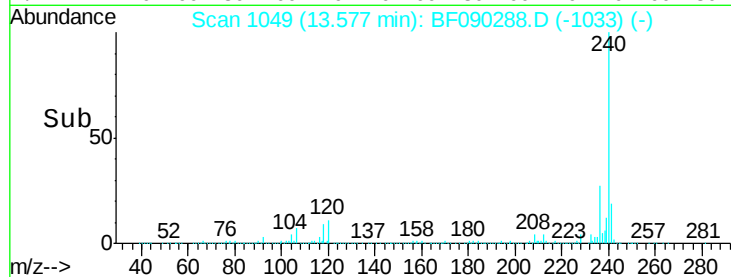
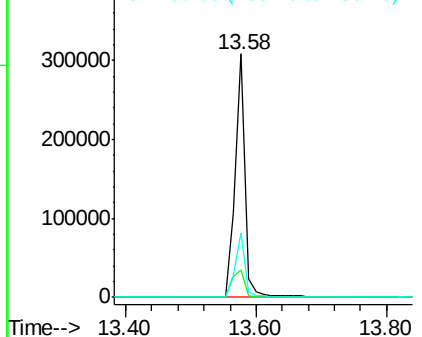
Tot Ion:	240	Resp:	319119
Ion Ratio		Lower	Upper
240	100		
120	11.0	10.6	16.0
236	26.6	21.6	32.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.84 ng

RT: 12.38 min Scan# 944

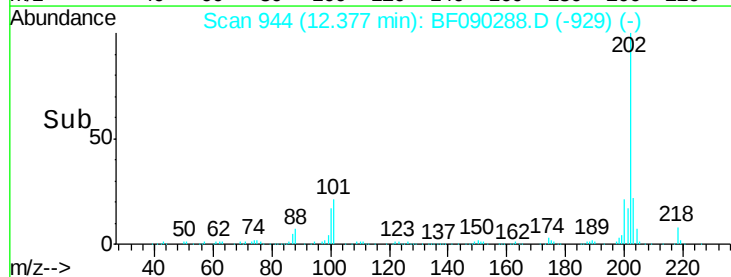
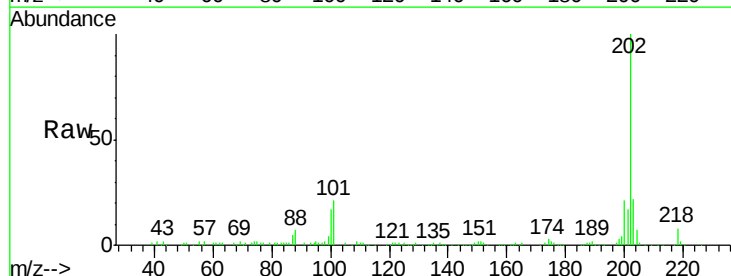
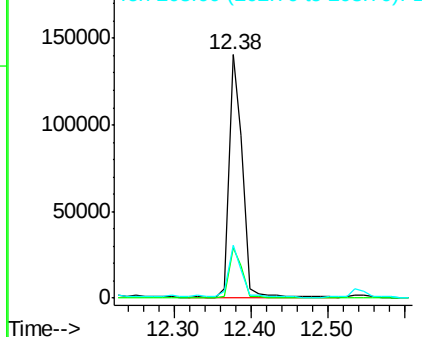
Delta R.T. -0.02 min

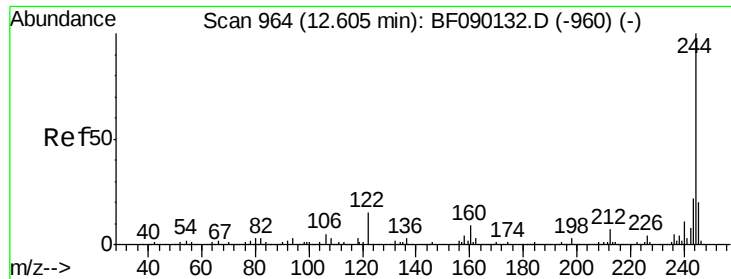
Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Tgt Ion:	202	Resp:	171180
Ion Ratio		Lower	Upper
202	100		
200	20.7	17.9	26.9
203	21.8	14.2	21.4#

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





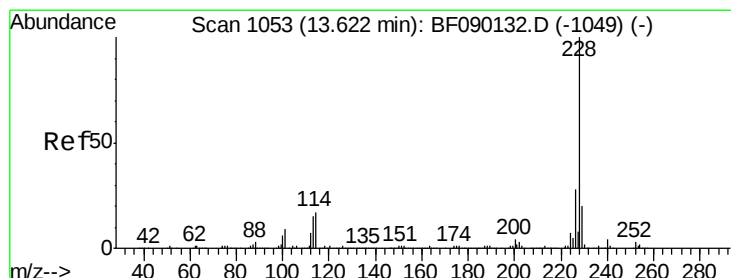
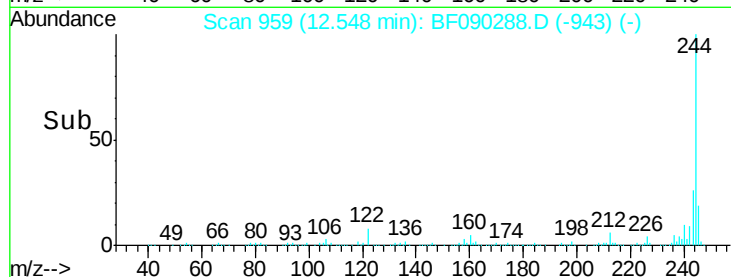
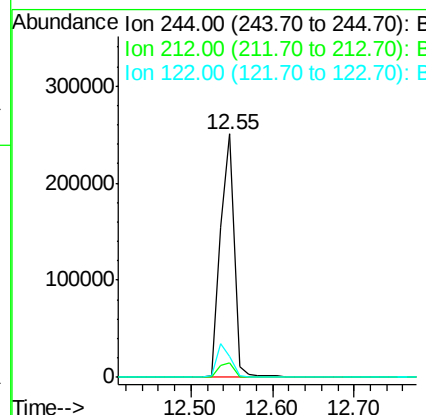
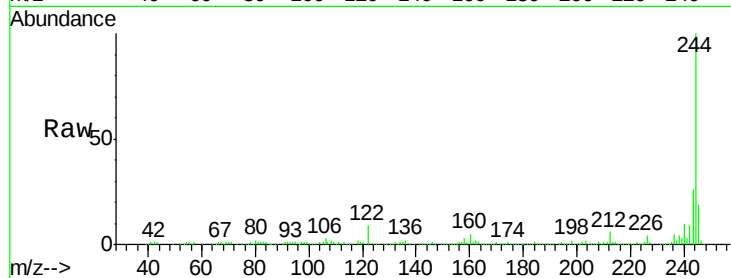
#78
 Terphenyl-d14
 Concen: 23.62 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090288.D
 Acq: 29 Sep 2016 12:49

Instrument :
 BNA_F
 ClientSampleId :
 S-34

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.9	5.8	8.8
122	8.5	9.4	14.0

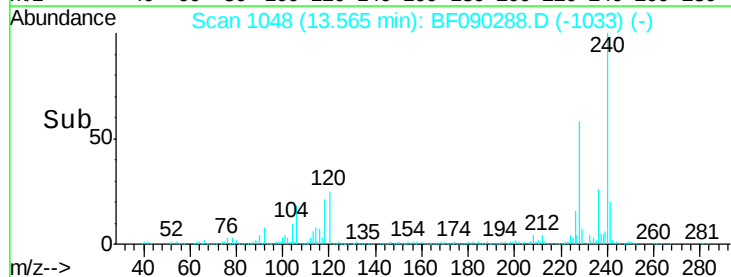
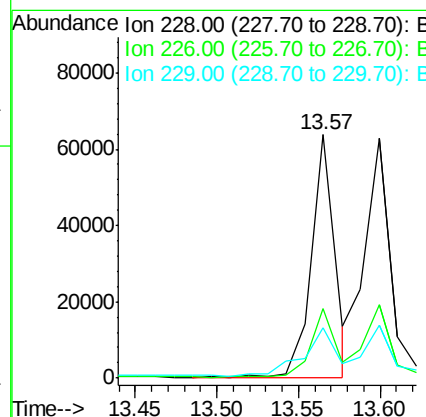
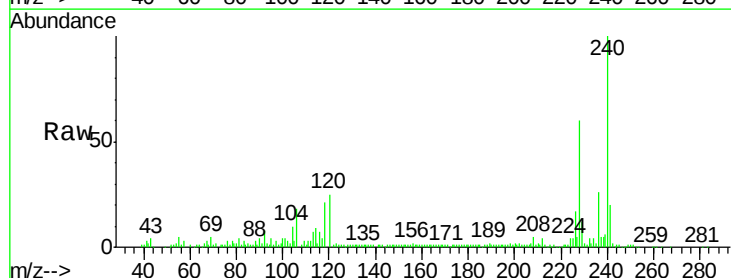
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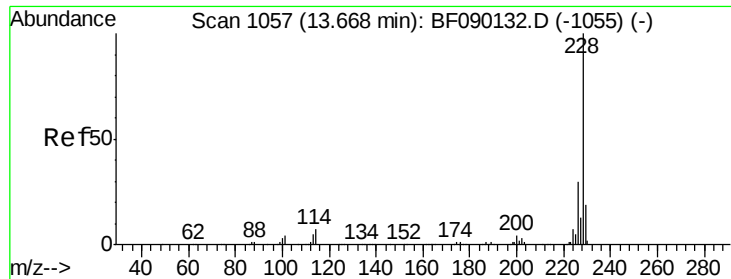
sohil
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#80
 Benzo(a)anthracene
 Concen: 3.76 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF090288.D
 Acq: 29 Sep 2016 12:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.0	33.0
229	20.5	16.2	24.2





#82

Chrysene

Concen: 4.28 ng/mL

RT: 13.60 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Instrument :

BNA_F

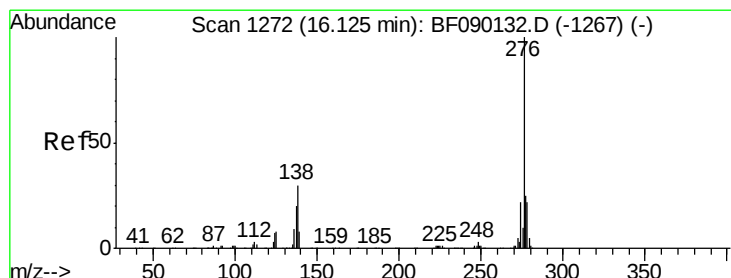
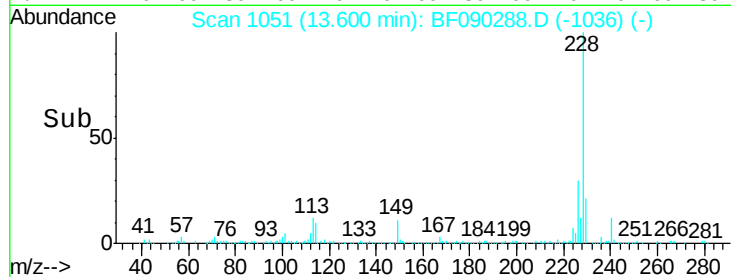
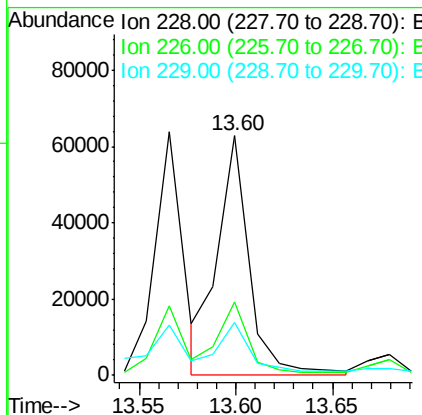
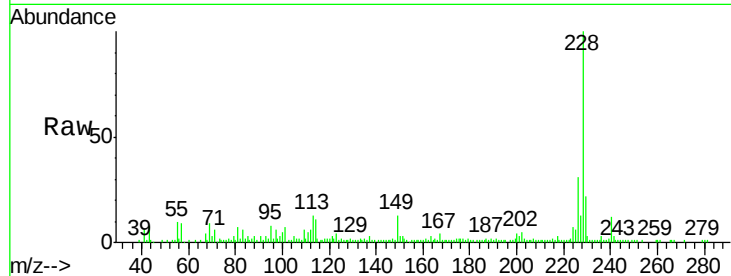
ClientSampled :

S-34

Tot Ion:	228	Resp:	71589
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	37.0
229	22.2	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.92 ng/mL

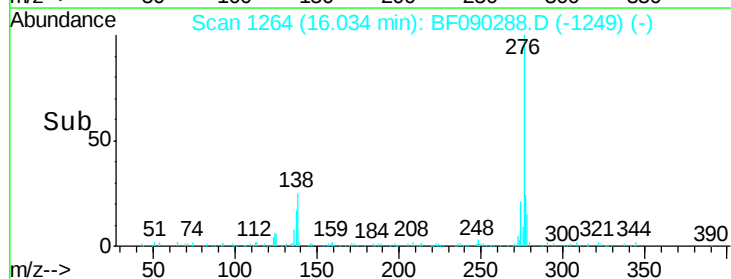
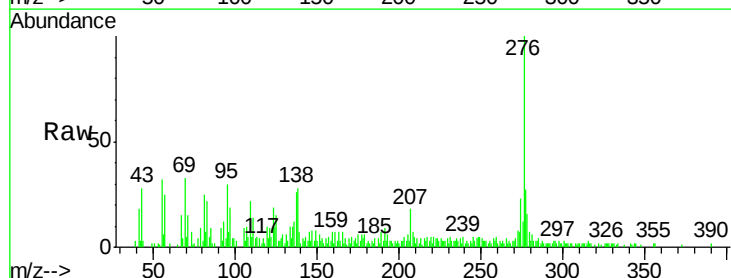
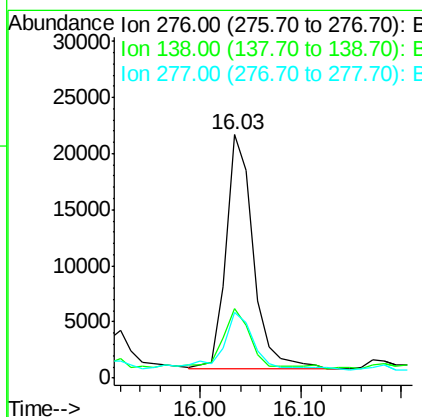
RT: 16.03 min Scan# 1264

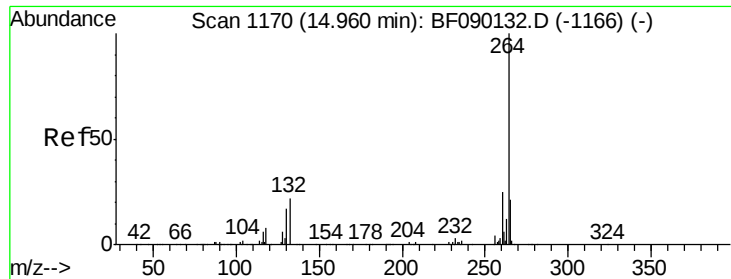
Delta R.T. -0.02 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Tgt Ion:	276	Resp:	39544
Ion Ratio	Lower	Upper	
276	100		
138	26.5	25.9	38.9
277	29.3	19.9	29.9





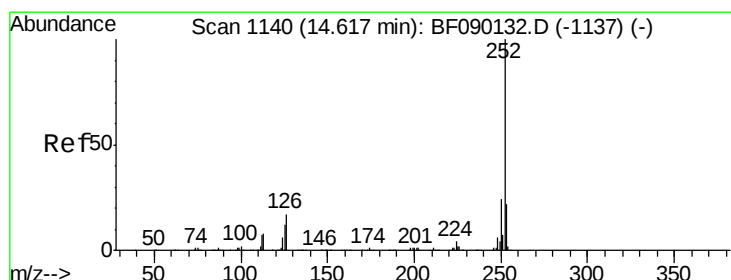
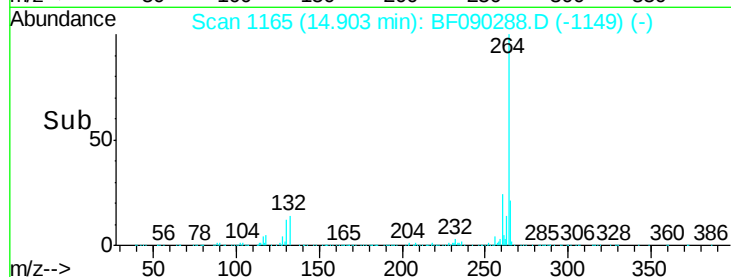
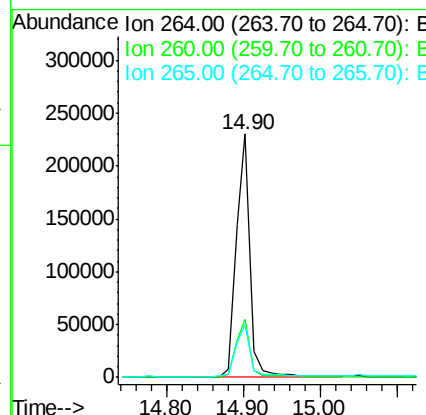
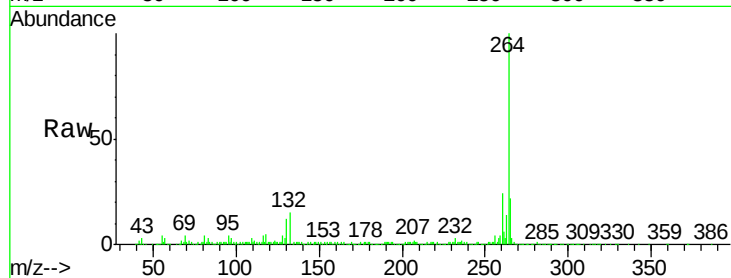
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Instrument :
BNA_F
ClientSampleId :
S-34

Tot Ion:	264	Resp:	291511
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.6	17.0	25.4

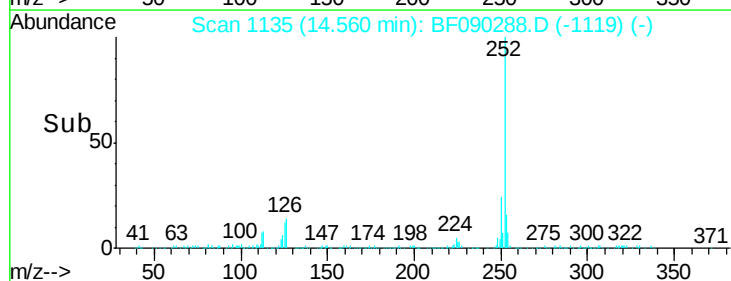
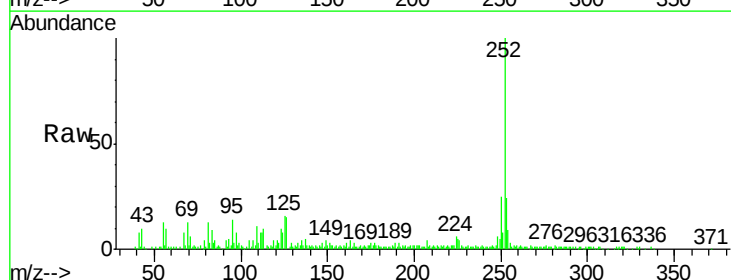
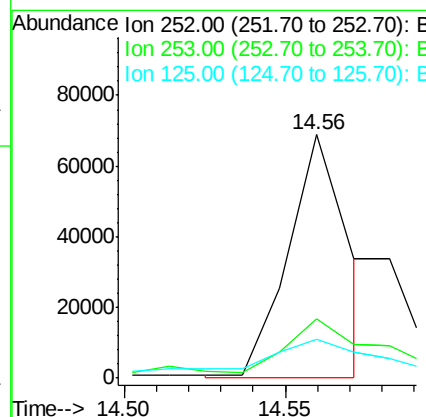
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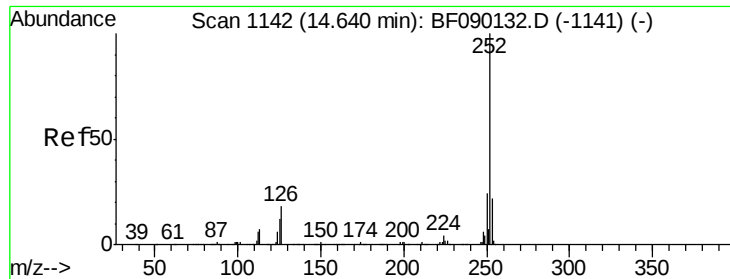
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#87
Benzo(b)fluoranthene
Concen: 5.47 ng m
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Tgt Ion:	252	Resp:	88377
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.9	26.9
125	15.8	12.7	19.1





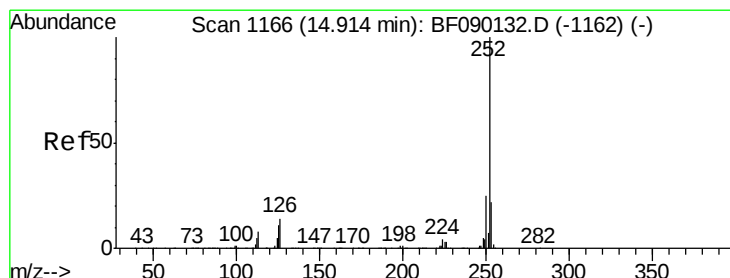
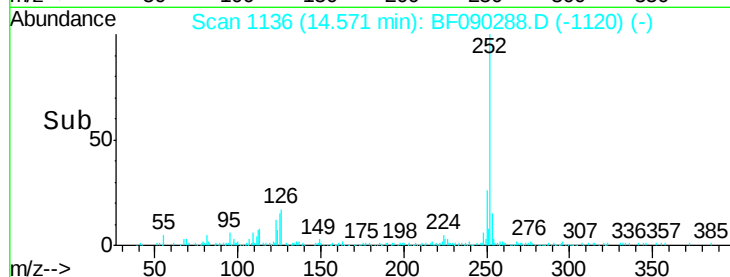
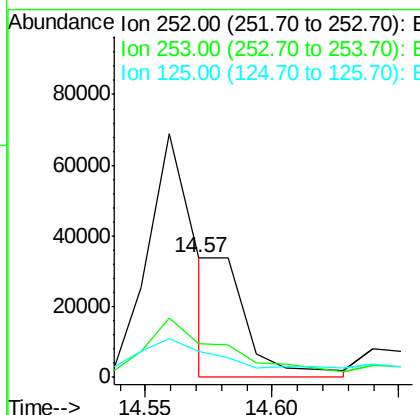
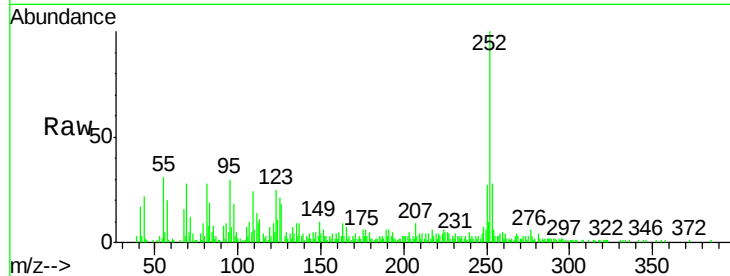
#88
Benzo(k)fluoranthene
Concen: 2.15 ng/ml
RT: 14.57 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Instrument :
BNA_F
Client Sampled :
S-34

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.8	26.8#
125	21.2	7.8	11.6#

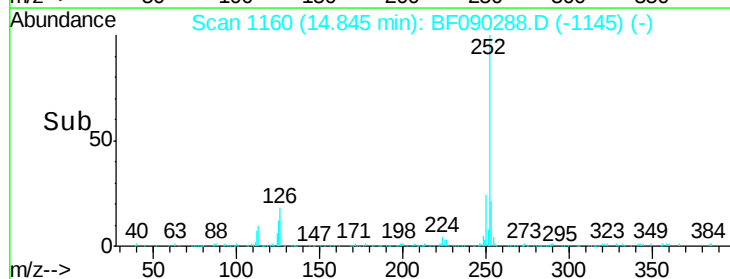
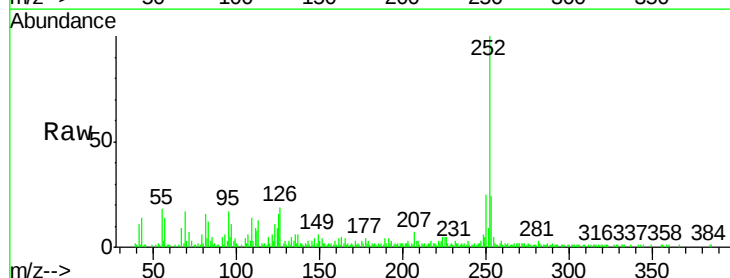
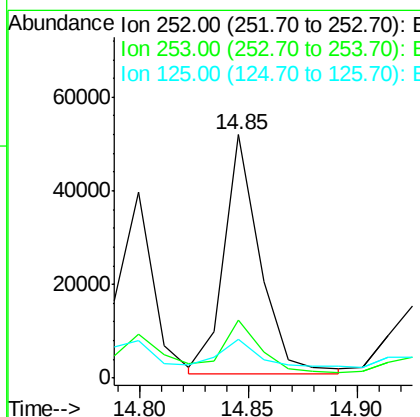
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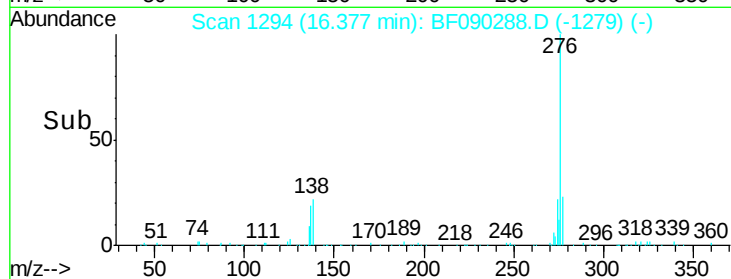
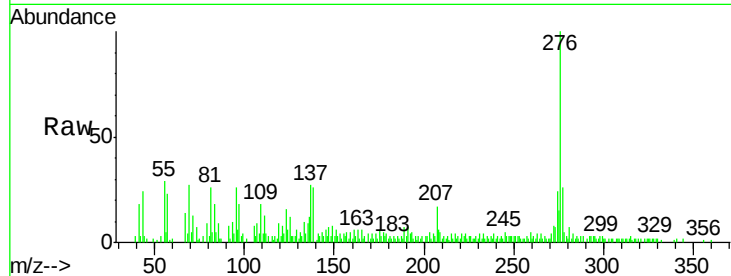
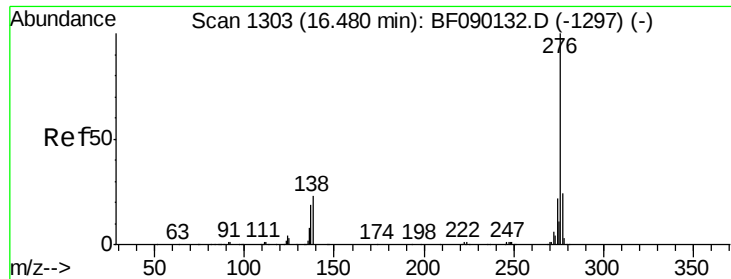
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#89
Benzo(a)pyrene
Concen: 3.85 ng/ml
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF090288.D
Acq: 29 Sep 2016 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	16.2	7.7	11.5#





#91

Benzo(a,h,i)perylene

Concen: 3.48 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF090288.D

Acq: 29 Sep 2016 12:49

Instrument :

BNA_F

ClientSampleId :

S-34

Tot Ion:	276	Resp:	40354
Ion Ratio	Lower	Upper	
276	100		
277	25.7	18.9	28.3
138	25.9	23.3	34.9

Manual Integrations
APPROVED

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