

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091073.D
 Acq On : 7 Nov 2016 23:07
 Operator : UM/SJ
 Sample : H5526-15DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-105-0.5-1.0DL

Manual Integrations
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Quant Time: Nov 08 01:23:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 00:06:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130358	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	441989	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	225828	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	353467	20.00	ng	0.00
75) Chrysene-d12	13.83	240	371870	20.00	ng	0.00
86) Perylene-d12	15.22	264	336075	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	209092	26.49	ng	0.00
7) Phenol-d6	6.33	99	283894	26.50	ng	0.00
23) Nitrobenzene-d5	7.24	82	67042	8.27	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	37028	18.14	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	255961	19.51	ng	-0.01
78) Terphenyl-d14	12.77	244	233653	15.68	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	73937	4.99	ng	99
70) Phenanthrene	11.22	178	111026	5.91	ng	97
74) Fluoranthene	12.41	202	551973	28.32	ng	88
77) Pyrene	12.63	202	587958	24.14	ng	96
80) Benzo(a)anthracene	13.83	228	440003	20.84	ng	98
82) Chrysene	13.86	228	377099m	18.11	ng	
85) Indeno(1,2,3-cd)pyrene	16.51	276	327435	18.96	ng	# 91
87) Benzo(b)fluoranthene	14.83	252	688333m	30.20	ng	
88) Benzo(k)fluoranthene	14.84	252	296819m	14.84	ng	
89) Benzo(a)pyrene	15.16	252	486252	24.50	ng	97
90) Dibenzo(a,h)anthracene	16.52	278	88249m	5.14	ng	
91) Benzo(a,h,i)perylene	16.91	276	284760	18.36	ng	# 90

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

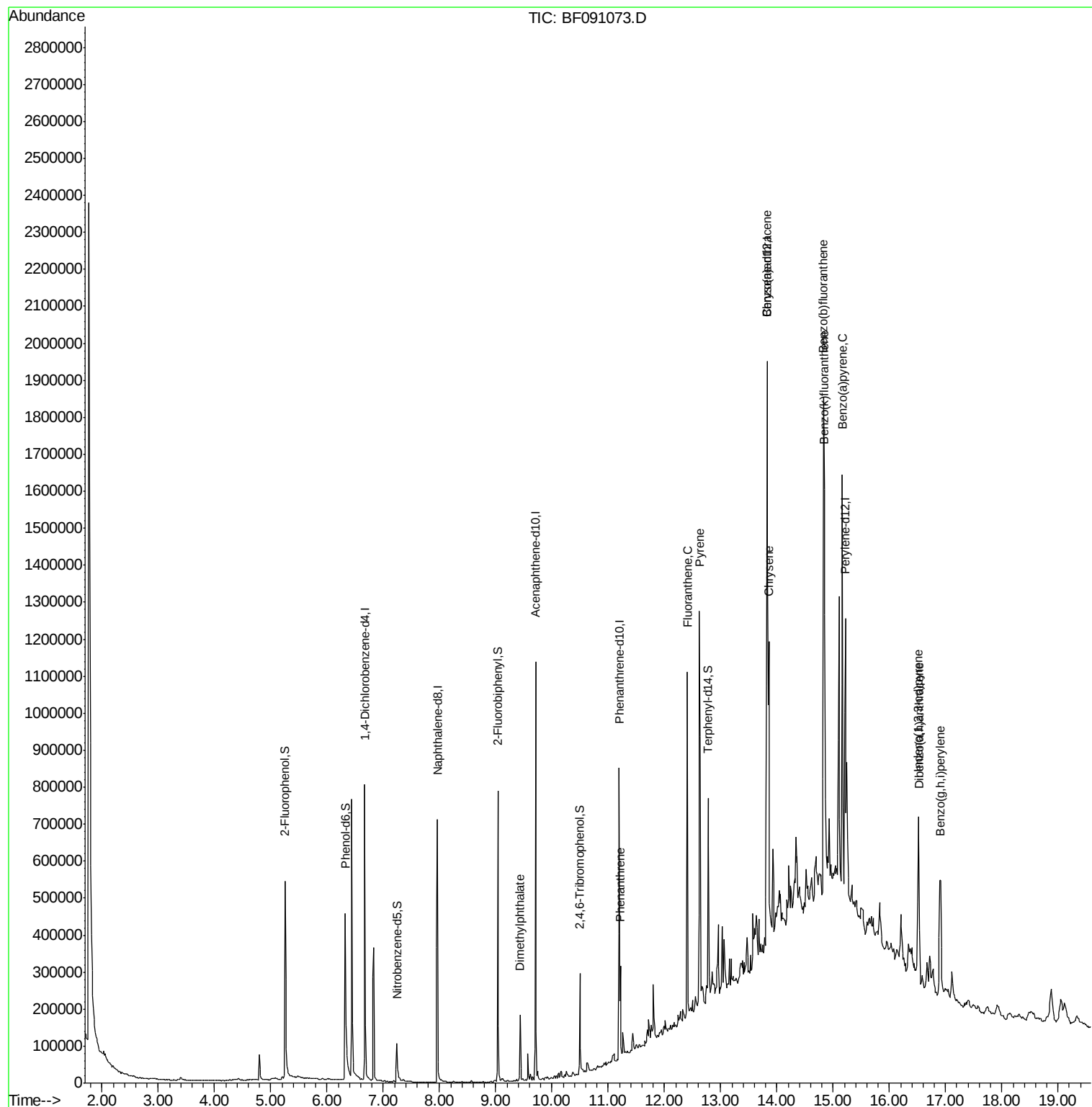
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091073.D
Acq On : 7 Nov 2016 23:07
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Sample : H5526-15DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

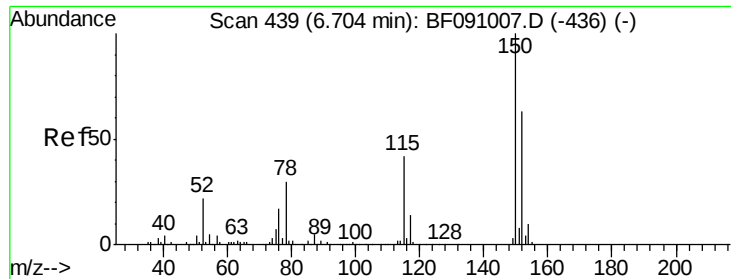
Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0DL

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Quant Time: Nov 08 01:23:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 00:06:22 2016
Response via : Initial Calibration





#1

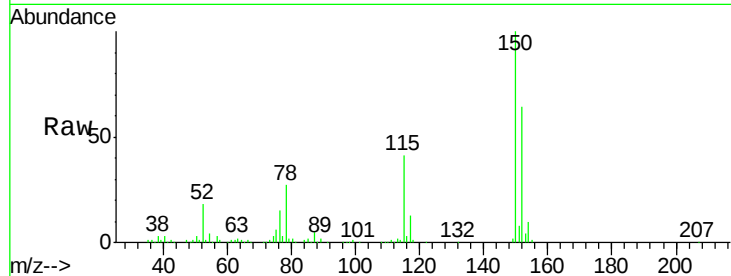
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	130358		
150	157.2	126.8	190.2	
115	64.1	53.3	79.9	

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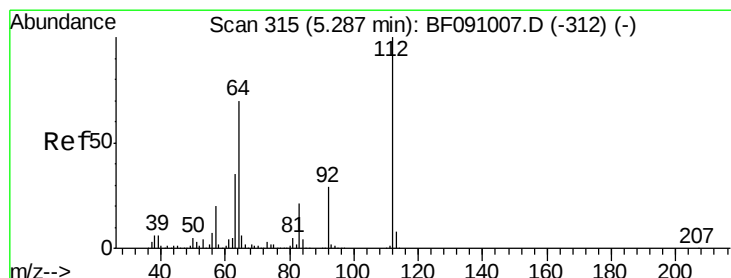
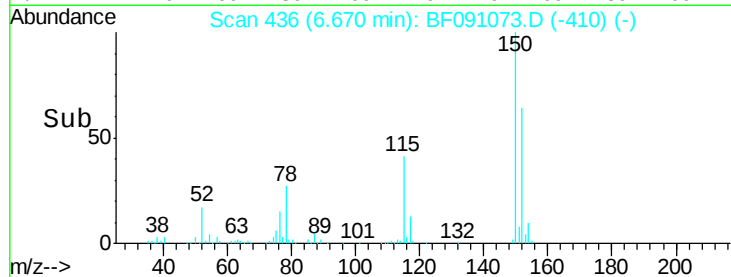
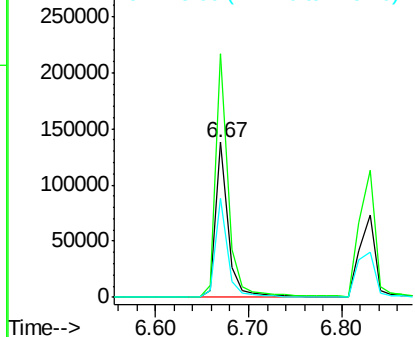


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

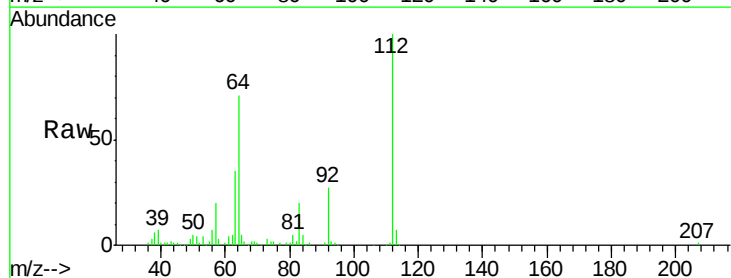
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 26.49 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	209092		
64	70.6	55.8	83.6	
63	34.7	28.0	42.0	

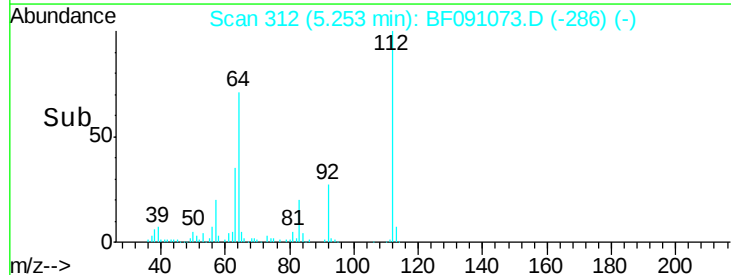
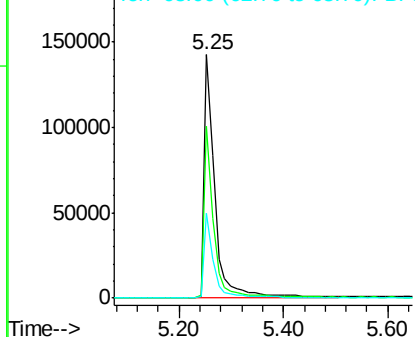


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.50 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Instrument :

BNA_F

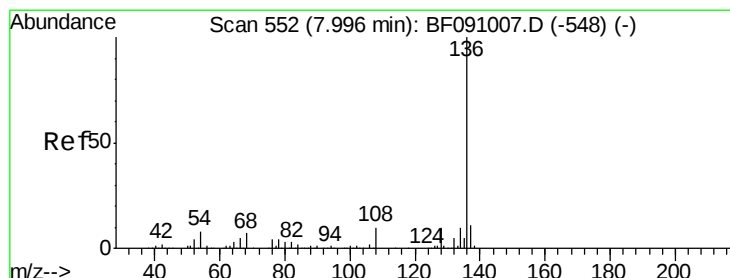
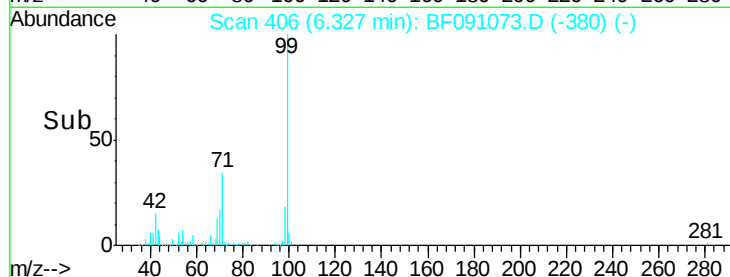
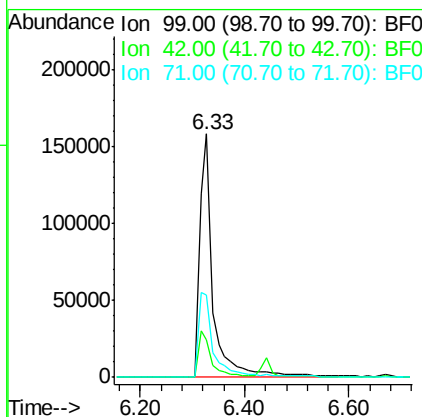
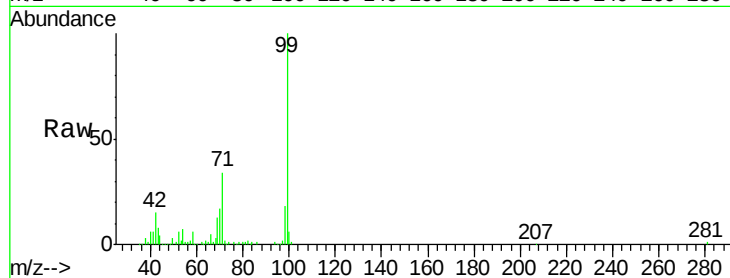
ClientSampleId :

SB-105-0.5-1.0DL

Tot Ion:	99	Resp:	283894
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.9	20.9
71	33.6	27.8	41.8

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#21

Naphthalene-d8

Concen: 20.00 ng

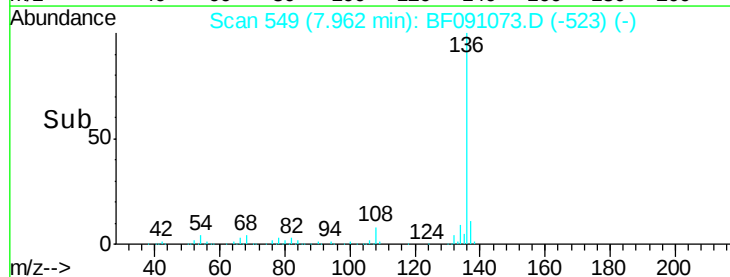
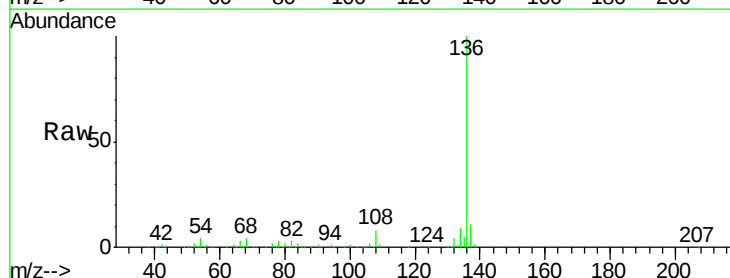
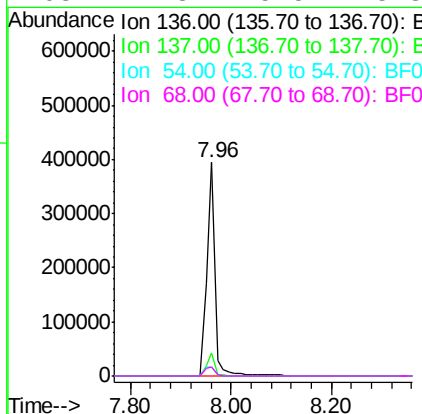
RT: 7.96 min Scan# 549

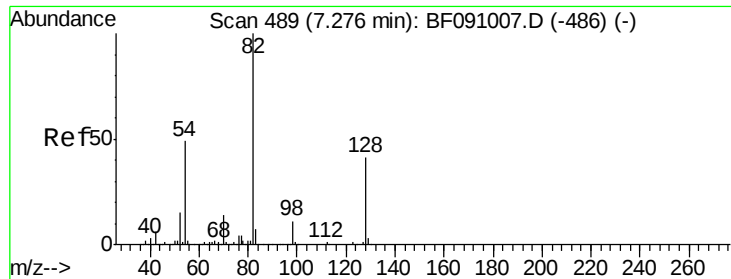
Delta R.T. 0.00 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Tgt Ion:	136	Resp:	441989
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	4.5	6.2	9.2#
68	4.3	5.5	8.3#





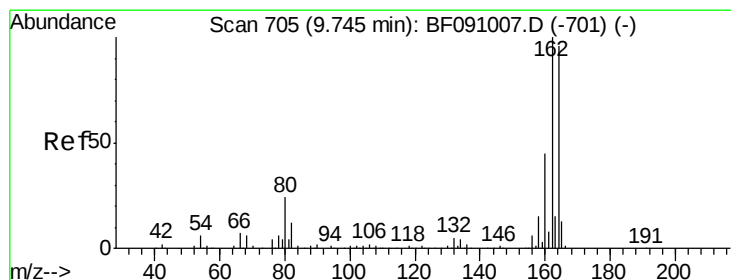
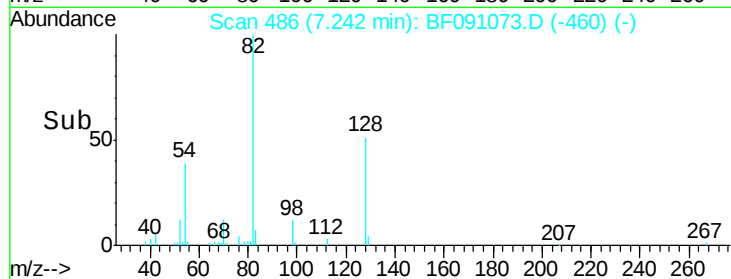
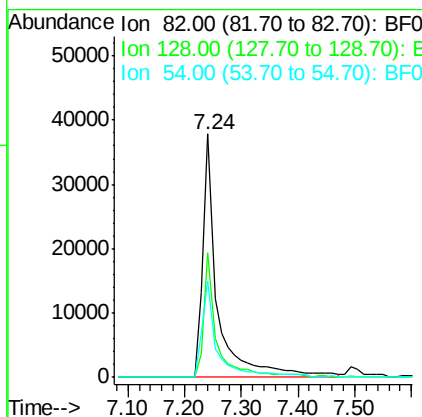
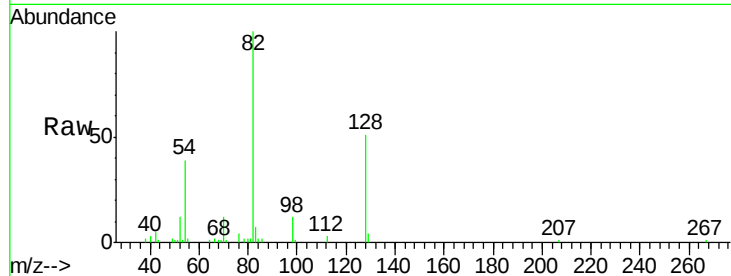
#23
 Nitrobenzene-d5
 Concen: 8.27 ng
 RT: 7.24 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF091073.D
 Acq: 7 Nov 2016 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-105-0.5-1.0DL

Tot Ion	82	Resp	67042
Ion Ratio	100	Lower	Upper
128	51.0	32.4	48.6#
54	39.4	39.2	58.8

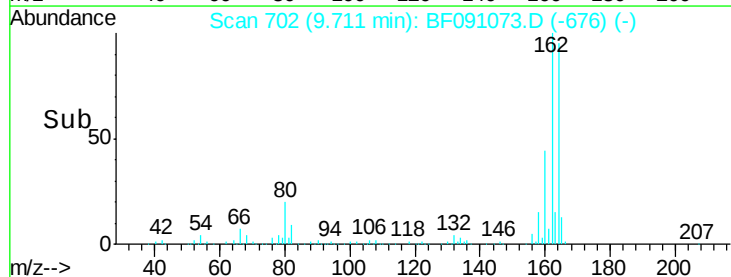
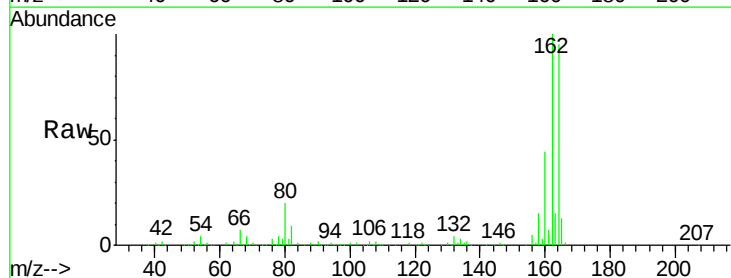
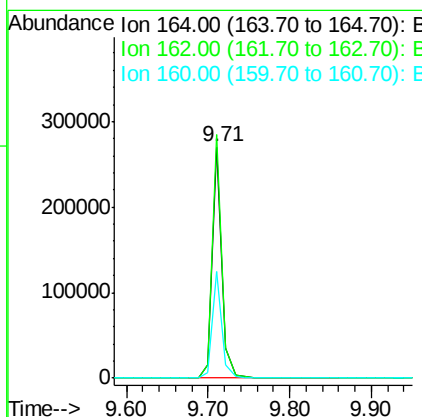
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF091073.D
 Acq: 7 Nov 2016 23:07

Tgt Ion	164	Resp	225828
Ion Ratio	100	Lower	Upper
162	105.3	83.6	125.4
160	46.2	37.9	56.9





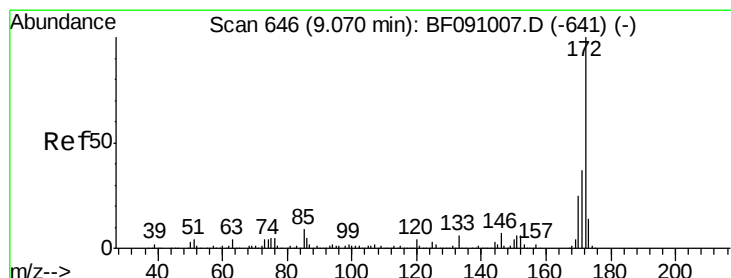
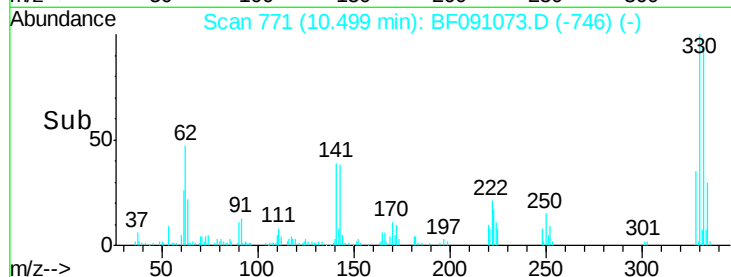
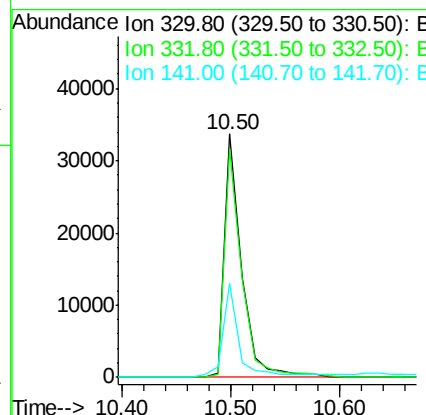
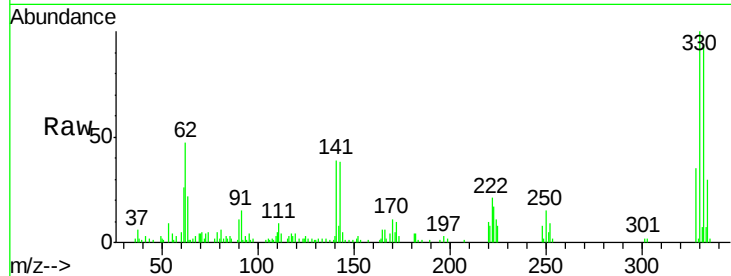
#41
 2,4,6-Tribromophenol
 Concen: 18.14 ng
 RT: 10.50 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF091073.D
 Acq: 7 Nov 2016 23:07

Instrument :
 BNA_F
 ClientSampled :
 SB-105-0.5-1.0DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	36.9	36.1	54.1

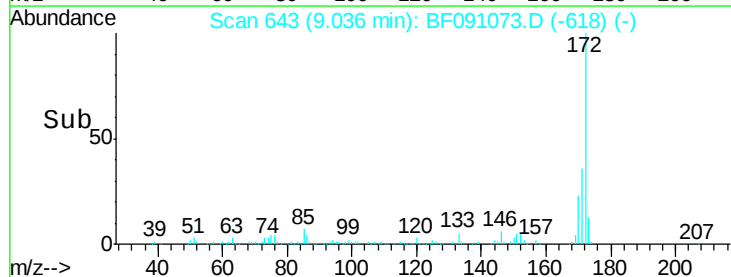
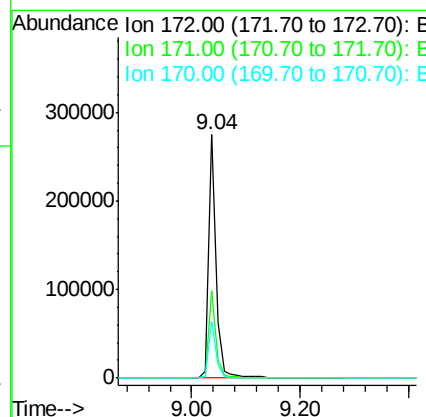
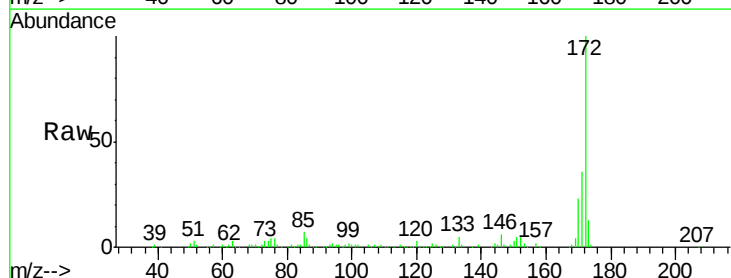
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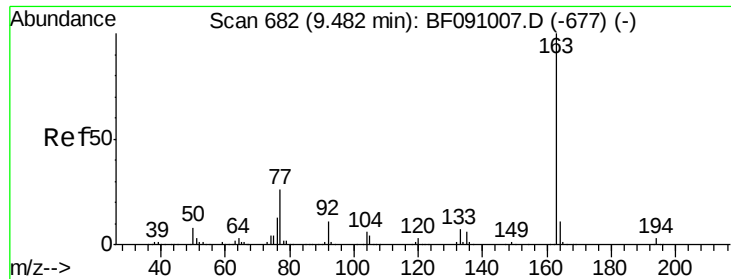
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#44
 2-Fluorobiphenyl
 Concen: 19.51 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF091073.D
 Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	23.4	20.3	30.5





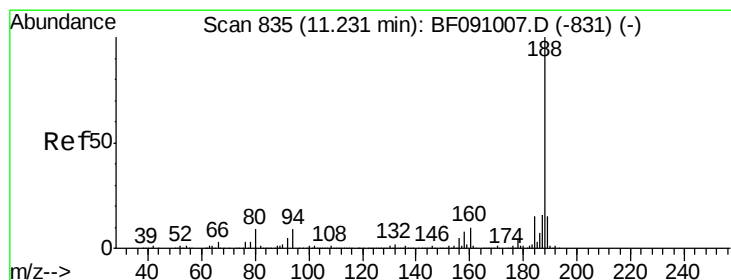
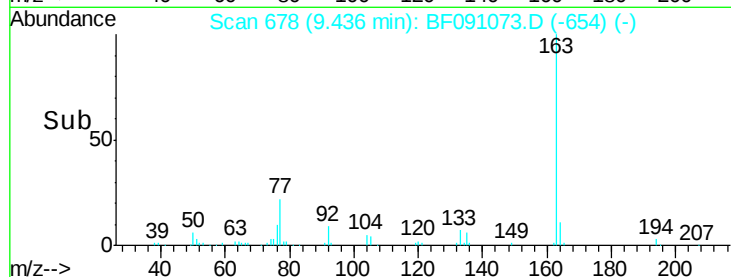
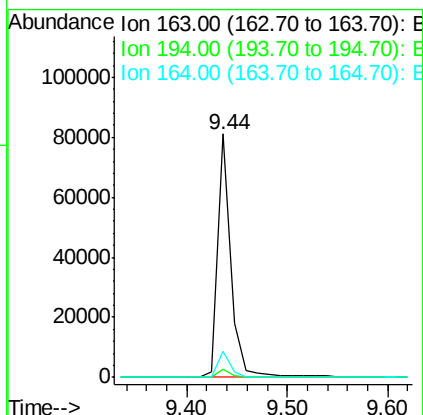
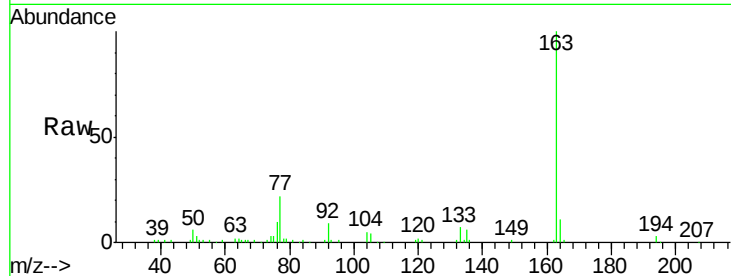
#49
Dimethylphthalate
Concen: 4.99 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.7	13.1

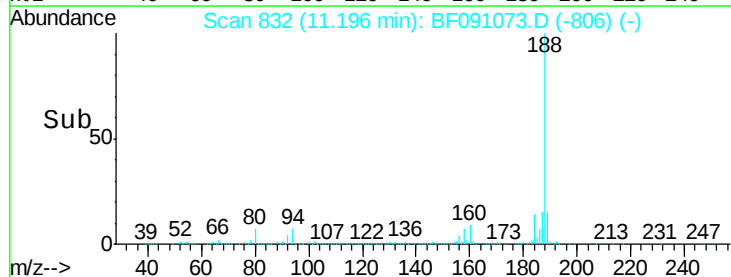
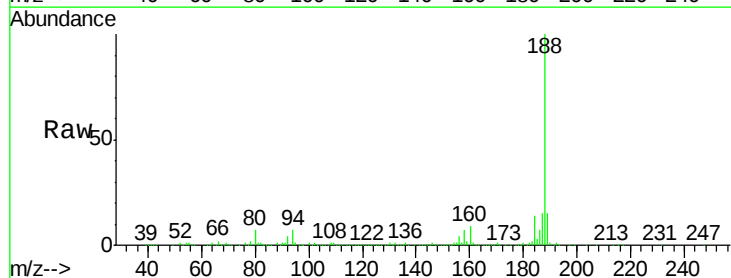
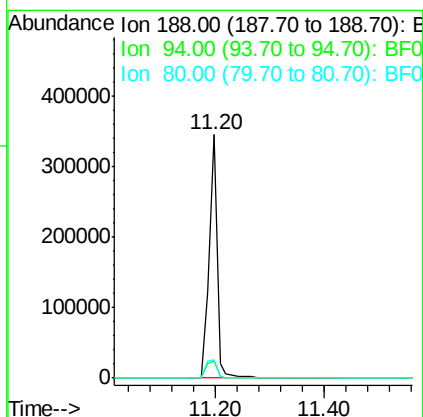
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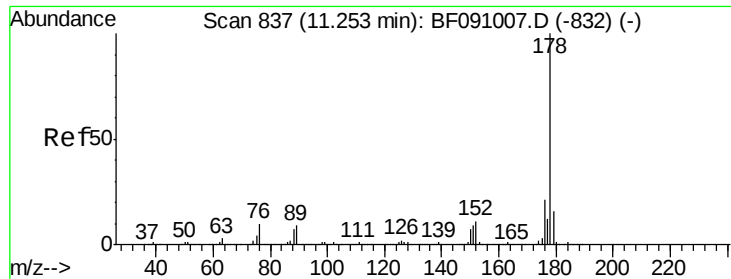
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.0	10.4
80	7.4	7.5	11.3#





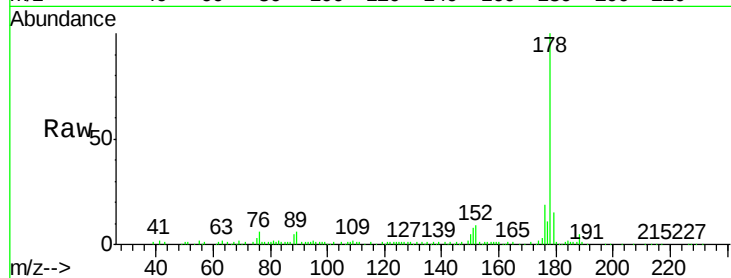
#70
Phenanthrene
Concen: 5.91 ng
RT: 11.22 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.4	12.9	19.3

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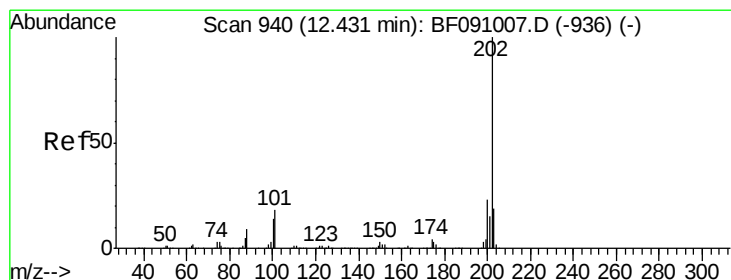
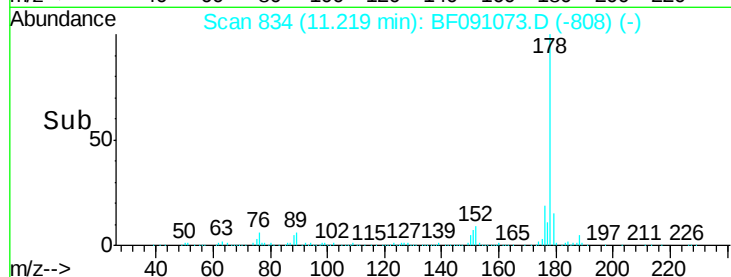
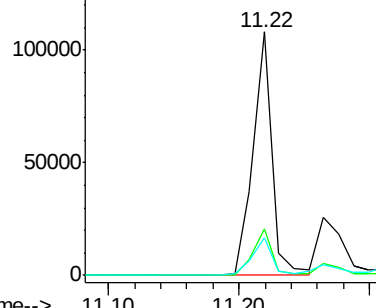


Abundance

Ion 178.00 (177.70 to 178.70): E

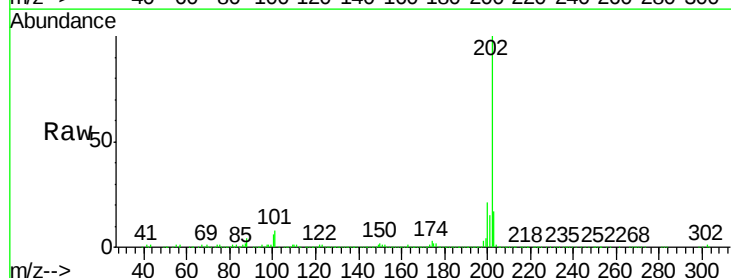
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 28.32 ng
RT: 12.41 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	37.6
203	17.4	0.0	38.6

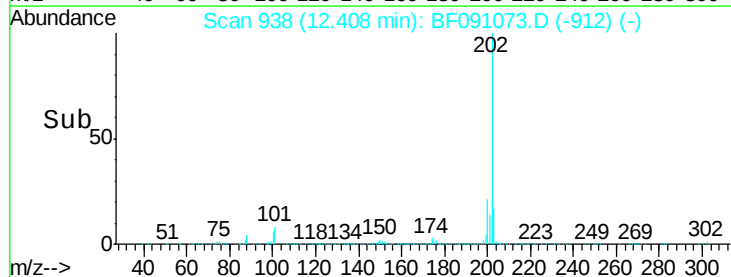
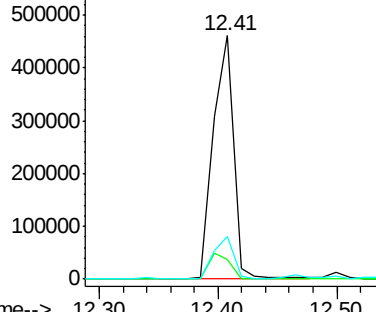


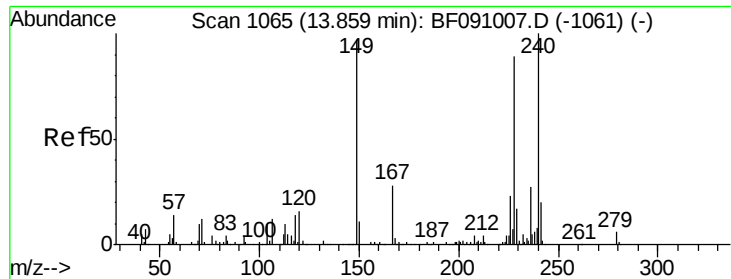
Abundance

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: 13.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Instrument :

BNA_F

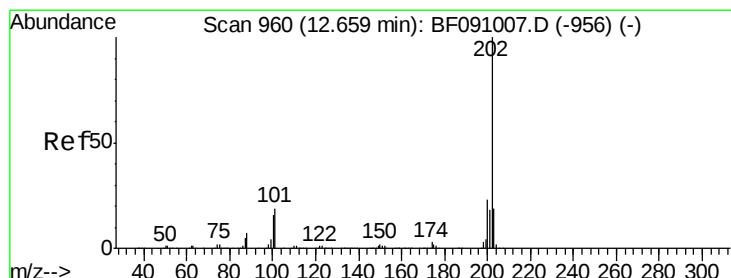
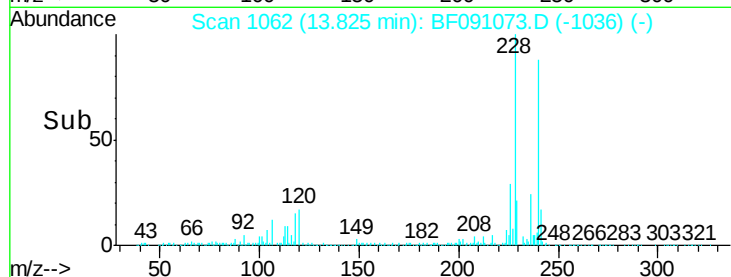
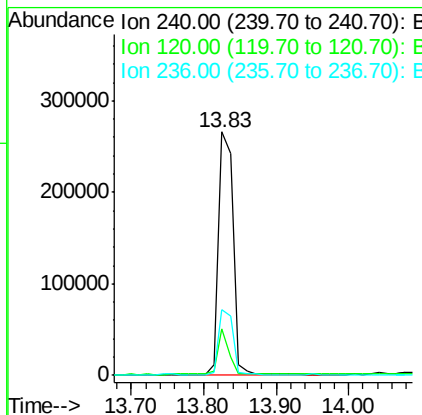
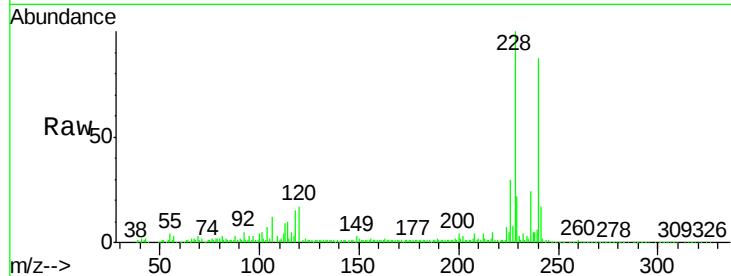
ClientSampleId :

SB-105-0.5-1.0DL

Tot Ion:	240	Resp:	371870
Ion Ratio	Lower	Upper	
240	100		
120	19.3	12.9	19.3
236	27.1	21.9	32.9

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#77

Pyrene

Concen: 24.14 ng

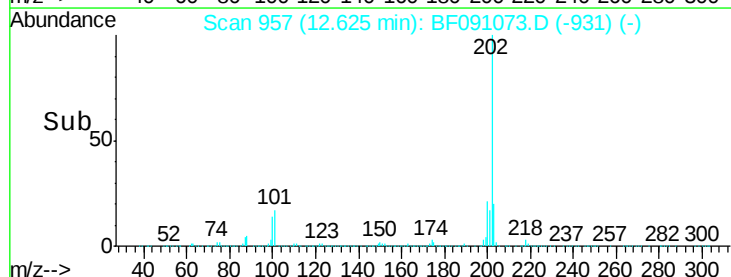
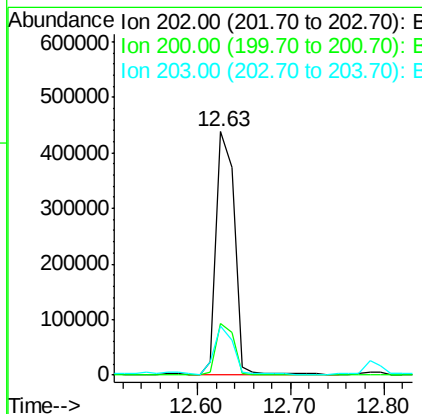
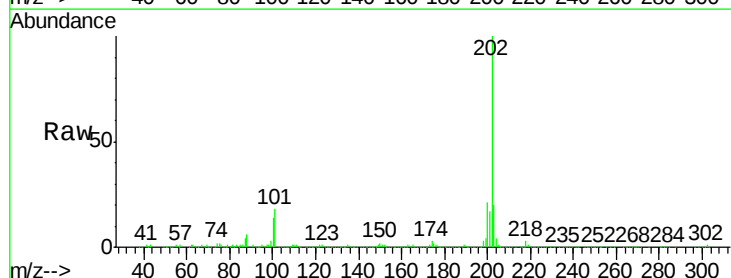
RT: 12.63 min Scan# 957

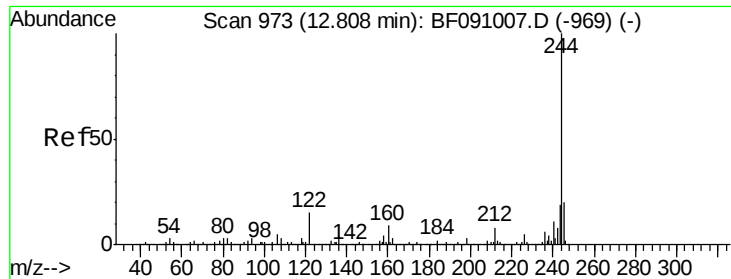
Delta R.T. 0.00 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Tgt Ion:	202	Resp:	587958
Ion Ratio	Lower	Upper	
202	100		
200	21.1	18.4	27.6
203	20.2	15.0	22.6





#78

Terphenyl-d14

Concen: 15.68 ng

RT: 12.77 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Instrument :

BNA_F

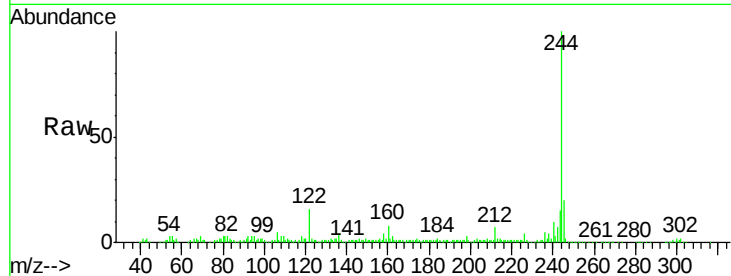
ClientSampleId :

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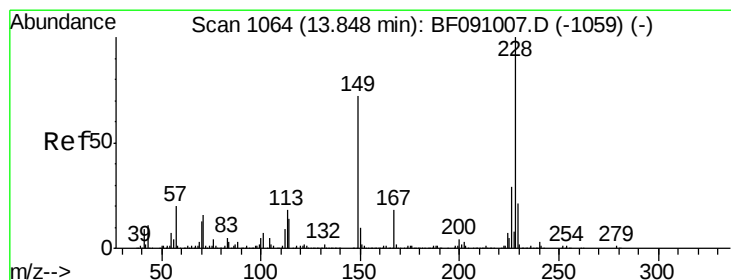
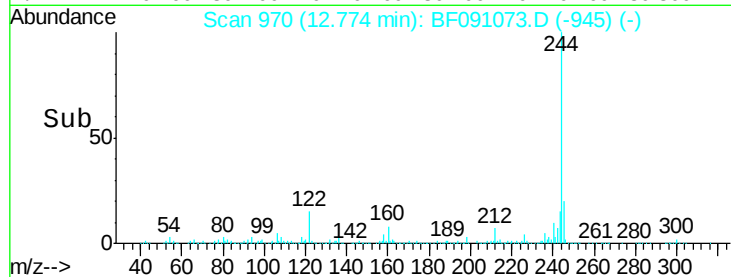
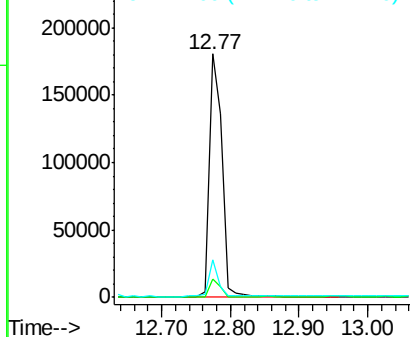
Tot Ion:	244	Resp:	233653
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.4	9.6
122	15.6	12.3	18.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 20.84 ng

RT: 13.83 min Scan# 1062

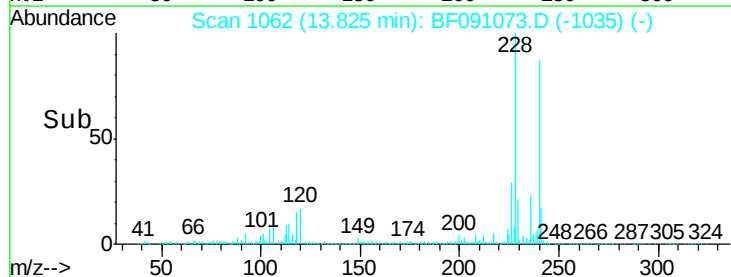
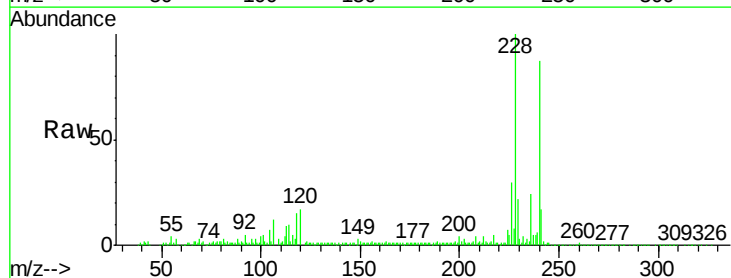
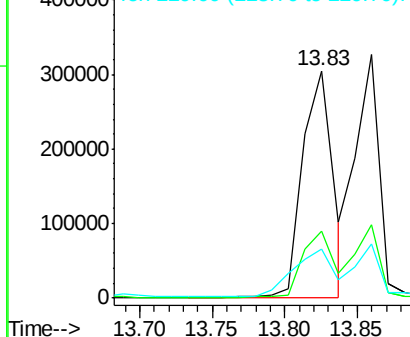
Delta R.T. 0.01 min

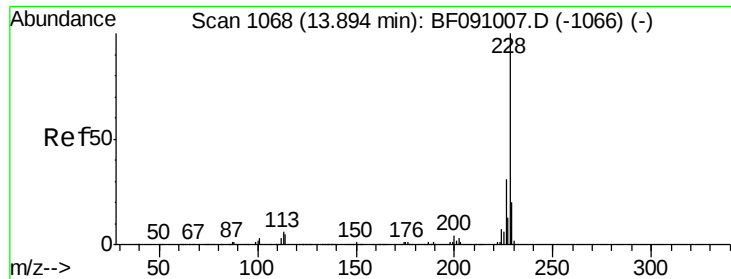
Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Tgt Ion:	228	Resp:	440003
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.0	34.6
229	21.6	16.6	24.8

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 18.11 ng/mL

RT: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Instrument :

BNA_F

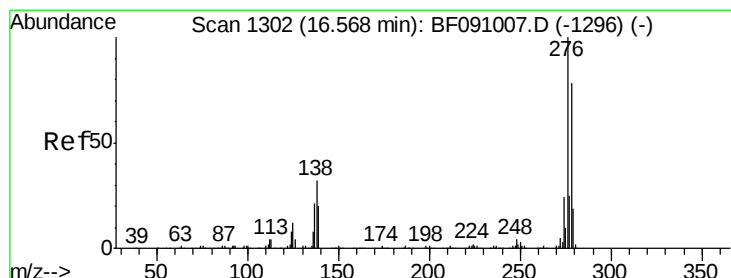
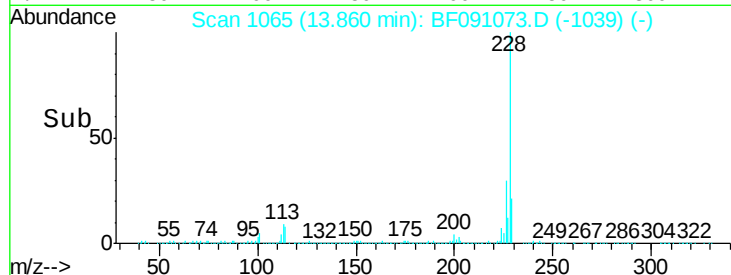
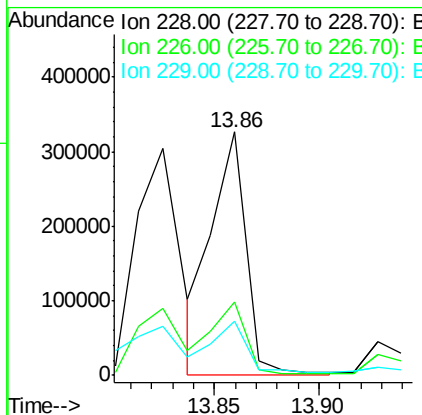
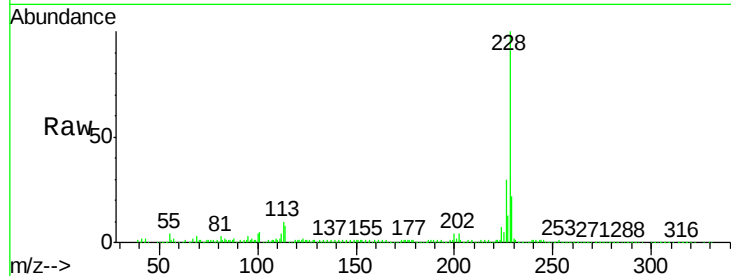
ClientSampled :

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Tot Ion:	228	Resp:	377099
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	22.5	15.9	23.9

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#85

Indeno(1,2,3-cd)pyrene

Concen: 18.96 ng/mL

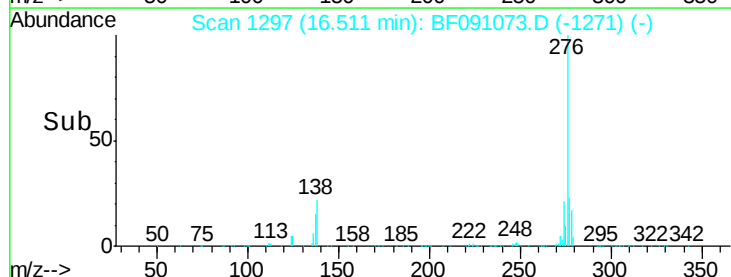
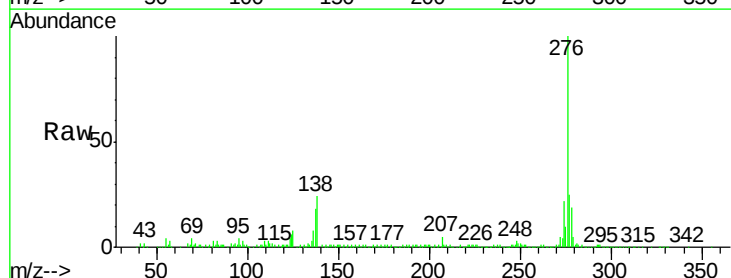
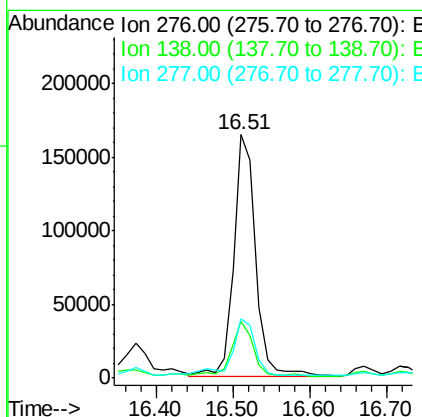
RT: 16.51 min Scan# 1297

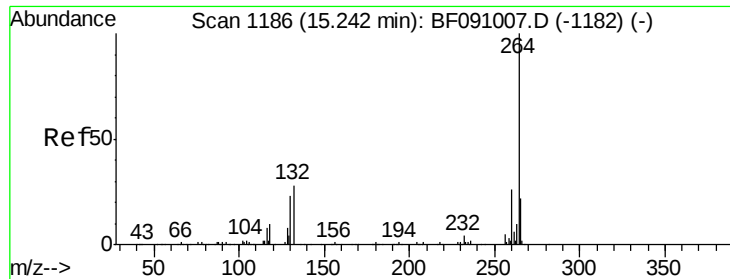
Delta R.T. 0.00 min

Lab File: BF091073.D

Acq: 7 Nov 2016 23:07

Tgt Ion:	276	Resp:	327435
Ion Ratio	Lower	Upper	
276	100		
138	23.3	26.0	39.0#
277	25.1	20.1	30.1





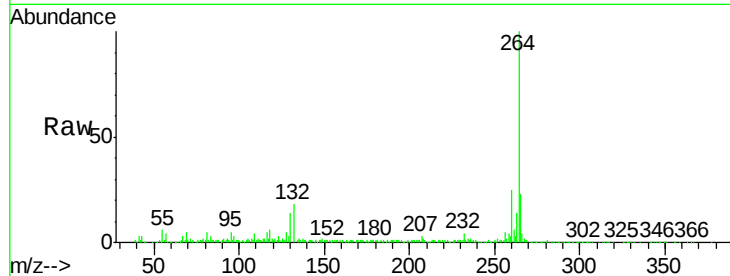
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Instrument :
BNA_F
ClientSampled :
SB-105-0.5-1.0DL

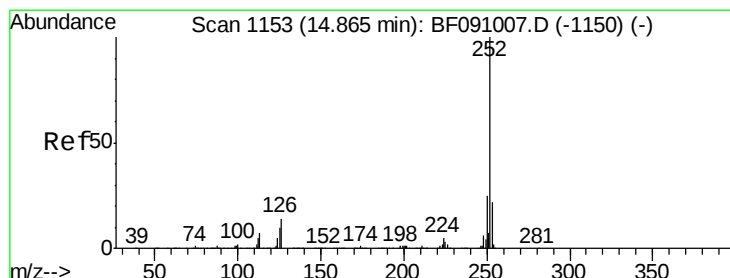
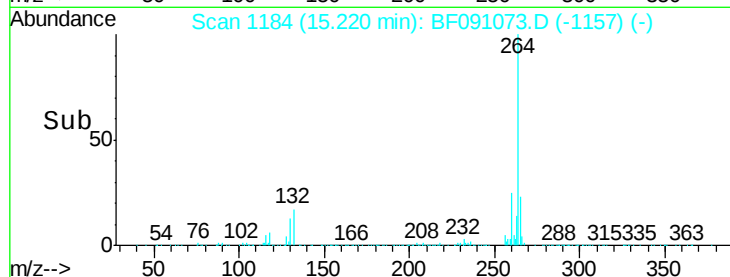
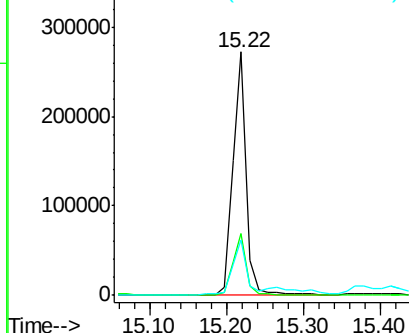
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.9	17.8	26.8

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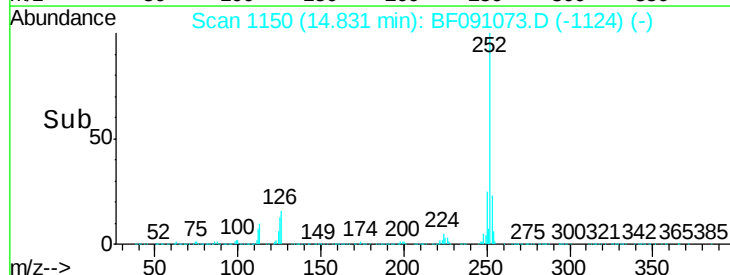
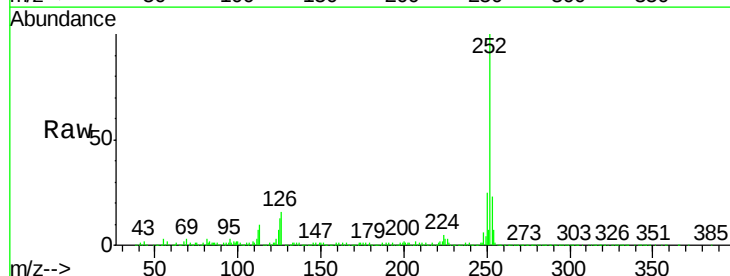
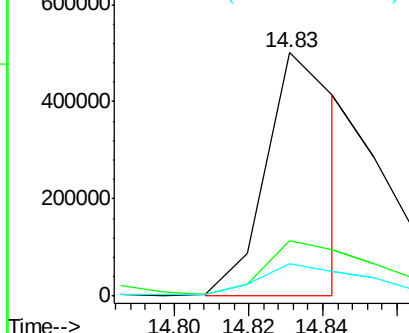
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

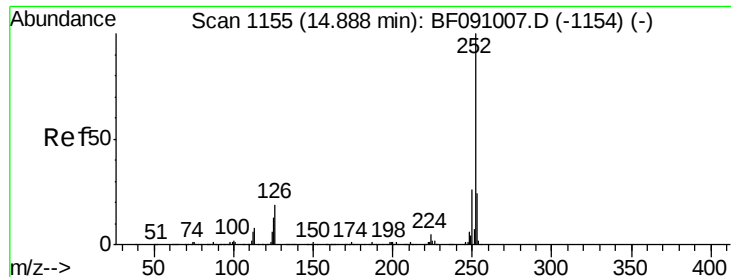


#87
Benzo(b)fluoranthene
Concen: 30.20 ng m
RT: 14.83 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.5	8.3	12.5#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





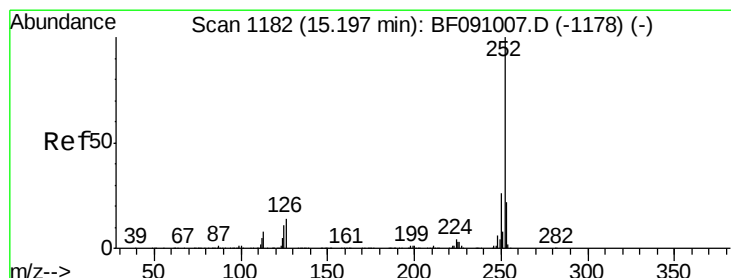
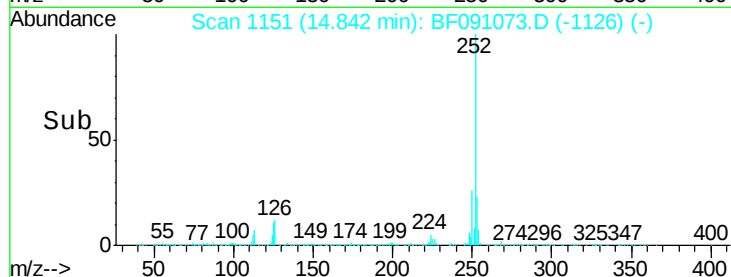
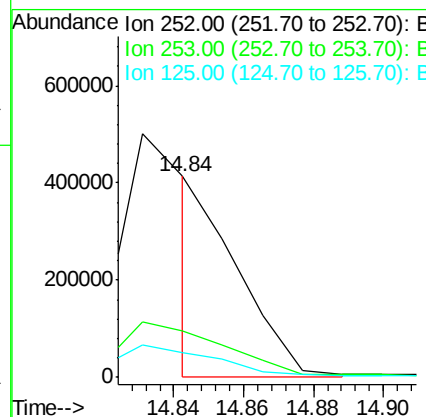
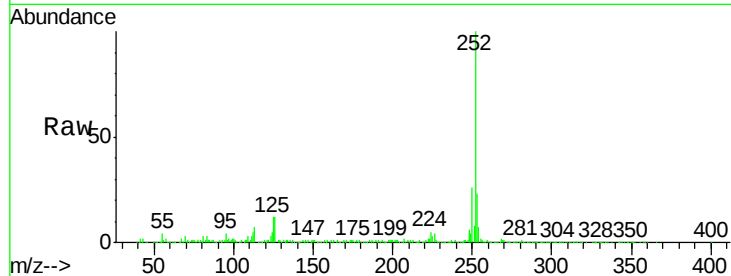
#88
Benzo(k)fluoranthene
Concen: 14.84 ng m
RT: 14.84 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	12.0	11.2	16.8

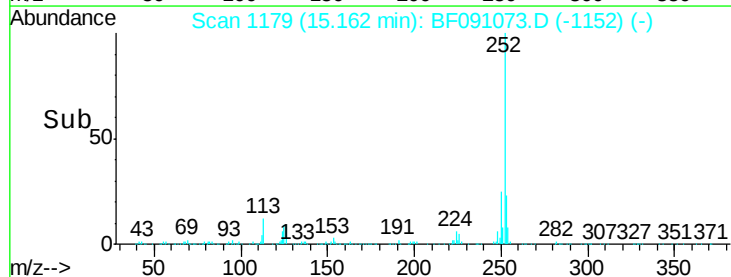
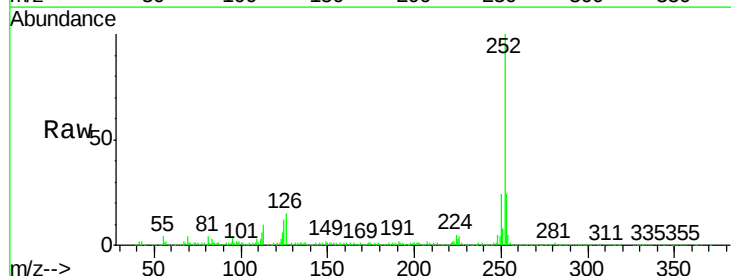
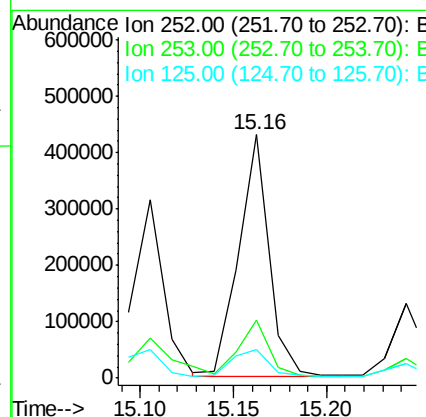
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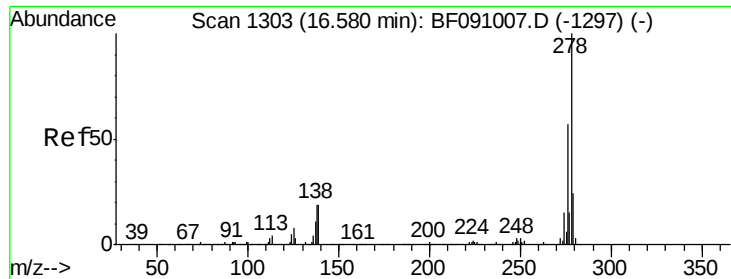
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#89
Benzo(a)pyrene
Concen: 24.50 ng
RT: 15.16 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.9	8.6	13.0





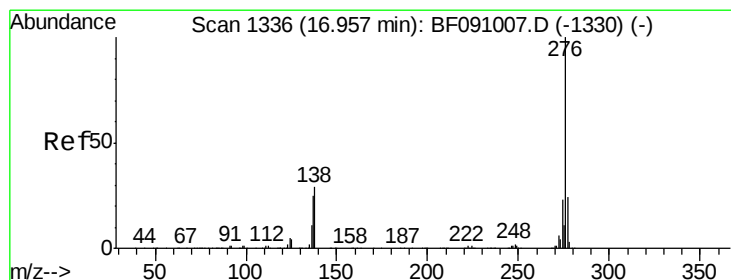
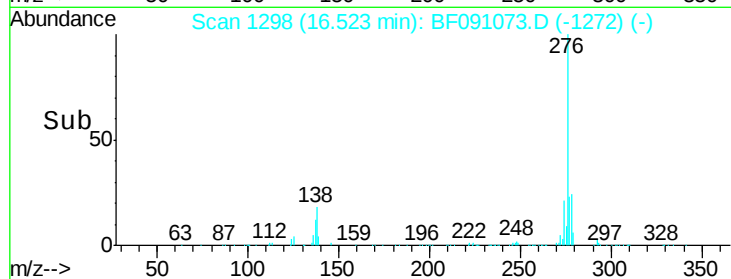
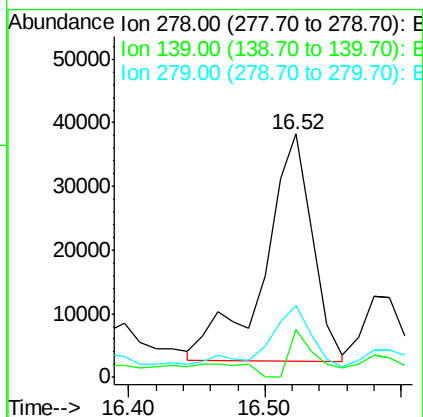
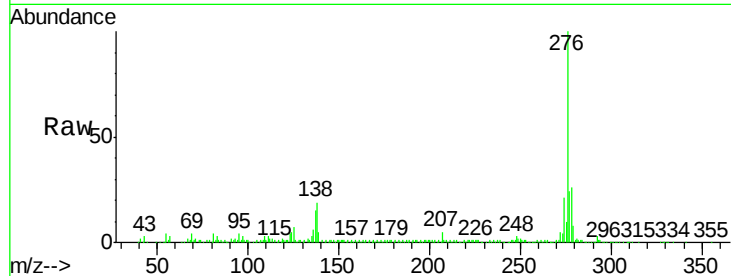
#90
Dibenzo(a,h)anthracene
Concen: 5.14 ng/mL
RT: 16.52 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Instrument :
BNA_F
ClientSampleId :
SB-105-0.5-1.0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.3	22.9
279	29.4	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 18.36 ng/mL
RT: 16.91 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF091073.D
Acq: 7 Nov 2016 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	19.6	23.3	34.9

