

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091069.D
 Acq On : 7 Nov 2016 21:17
 Operator : UM/SJ
 Sample : H5565-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-LAWRENCEVILLE-NJ

Manual Integrations
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Quant Time: Nov 08 01:08:14 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	211875	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	733261	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	355514	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	542638	20.00	ng	0.00
75) Chrysene-d12	13.83	240	442785	20.00	ng	0.00
86) Perylene-d12	15.22	264	365806	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1252186	97.61	ng	0.01
7) Phenol-d6	6.33	99	1706673	98.01	ng	0.00
23) Nitrobenzene-d5	7.24	82	761453	56.65	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	255758	79.57	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1570393	76.05	ng	0.00
78) Terphenyl-d14	12.78	244	1264494	71.26	ng	0.00
Target Compounds						
10) Phenol	6.34	94	127156	6.60	ng	Qvalue 81
49) Dimethylphthalate	9.44	163	108891	4.67	ng	99
70) Phenanthrene	11.22	178	206249	7.15	ng	97
74) Fluoranthene	12.41	202	376358	12.58	ng	90
77) Pyrene	12.64	202	325471	11.22	ng	96
80) Benzo(a)anthracene	13.83	228	165348	6.58	ng	96
82) Chrysene	13.86	228	140747m	5.68	ng	
83) Bis(2-ethylhexyl)phthalate	13.83	149	40942	2.18	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	56792	2.76	ng	# 92
87) Benzo(b)fluoranthene	14.83	252	161872m	6.52	ng	
88) Benzo(k)fluoranthene	14.84	252	70942m	3.26	ng	
89) Benzo(a)pyrene	15.16	252	110139	5.10	ng	# 93
91) Benzo(a,h,i)perylene	16.90	276	52057	3.08	ng	95

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

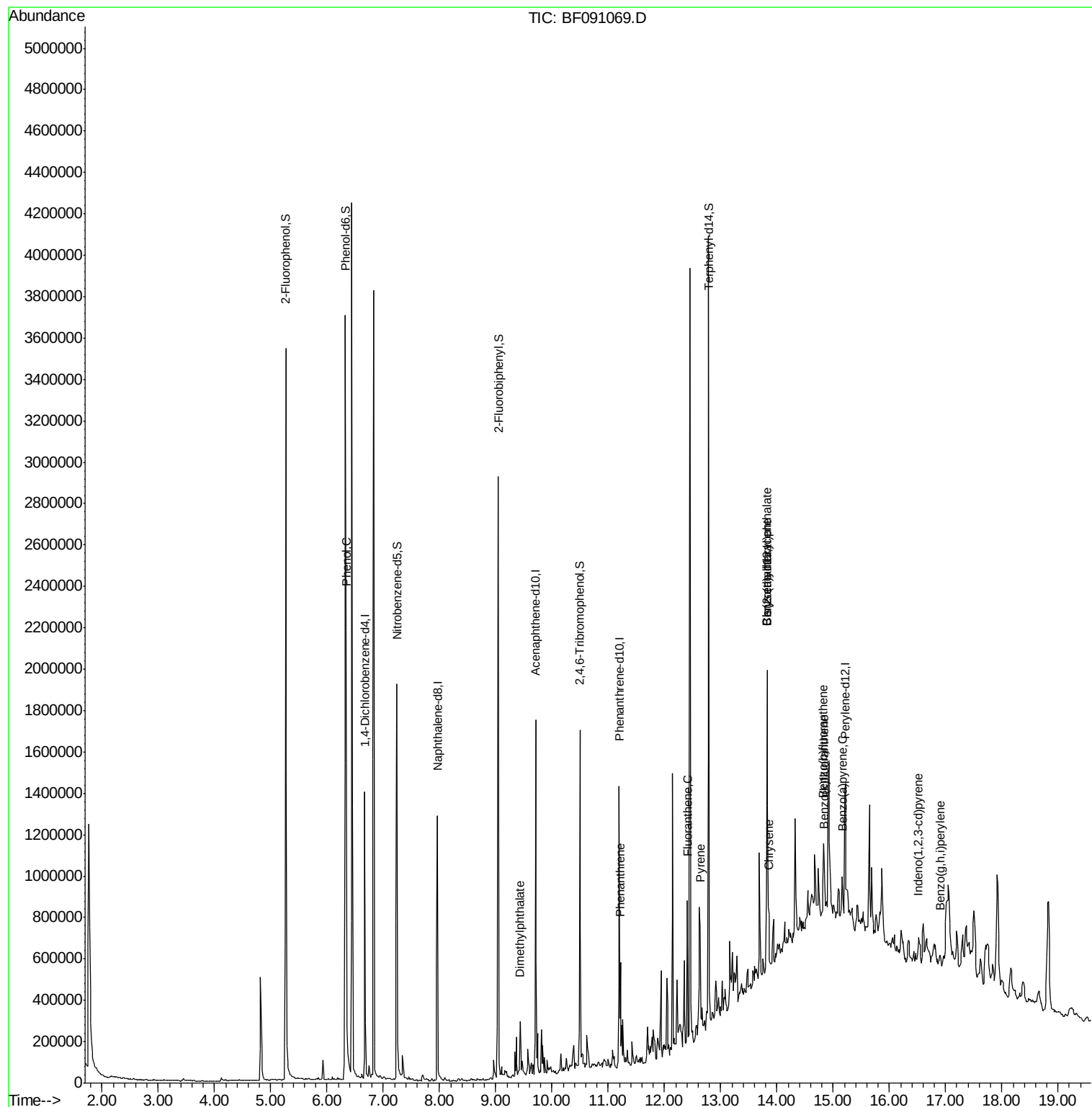
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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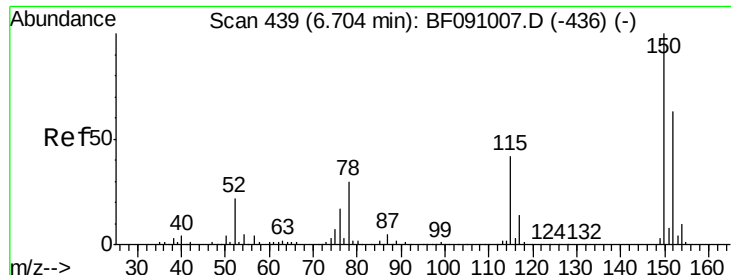
Instrument :
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BRITTON-LAWRENCEVILLE-NJ

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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#1

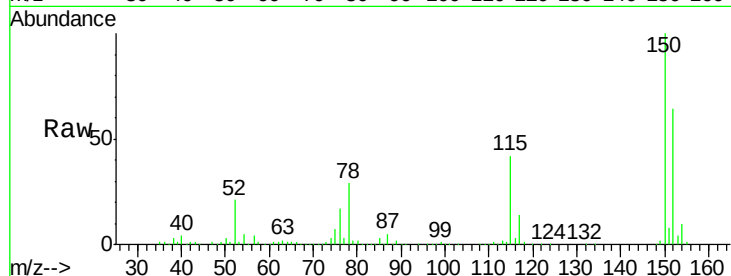
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

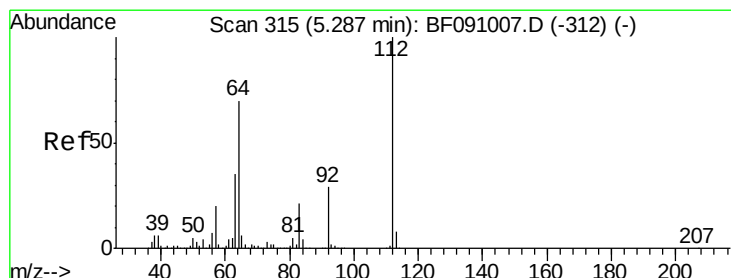
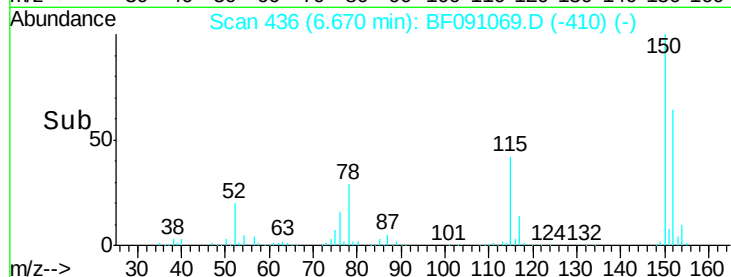
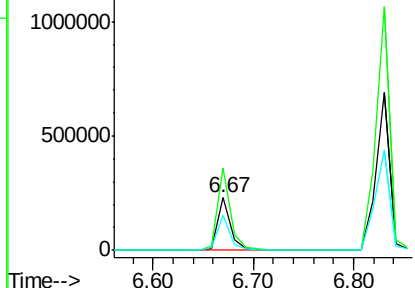
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.8	190.2
115	65.4	53.3	79.9

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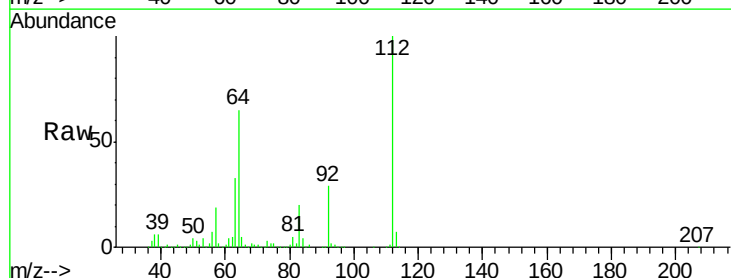
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



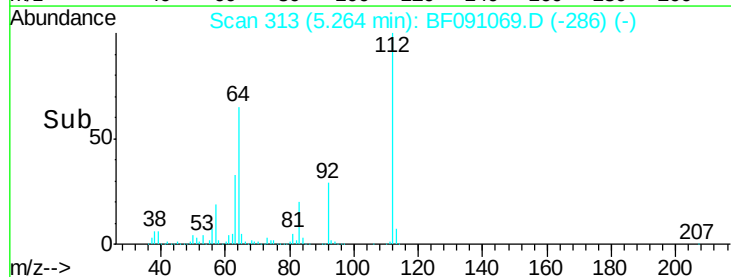
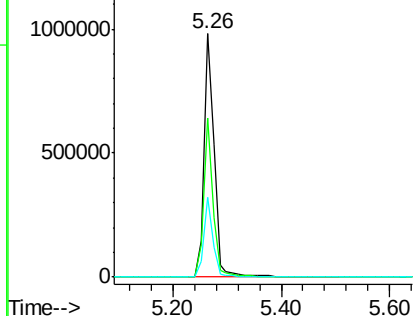
#5

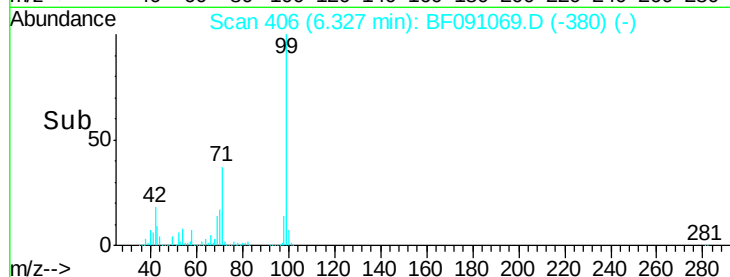
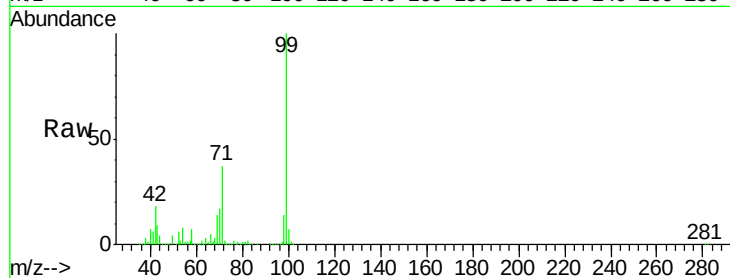
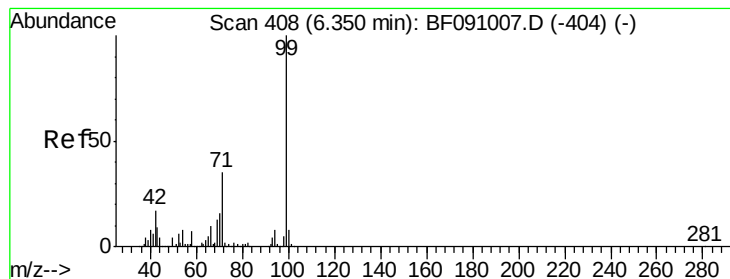
2-Fluorophenol
Concen: 97.61 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.01 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	55.8	83.6
63	32.7	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: 98.01 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

Tot Ion: 99 Resp: 1706673

Ion Ratio Lower Upper

99 100

42 18.2 13.9 20.9

71 37.1 27.8 41.8

Instrument :

BNA_F

ClientSampleId :

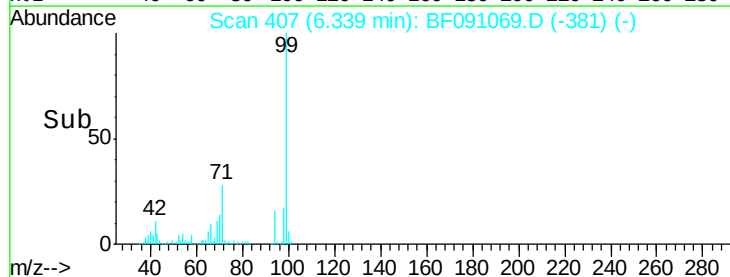
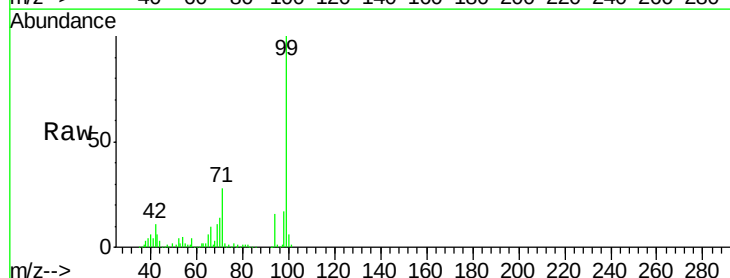
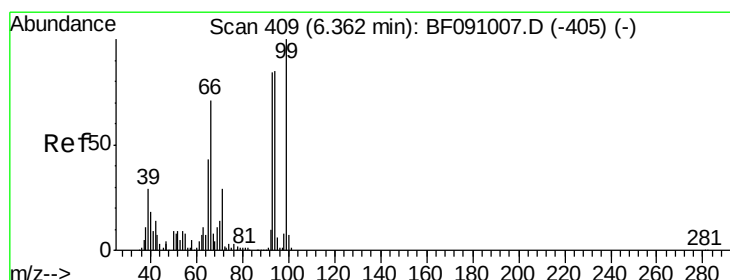
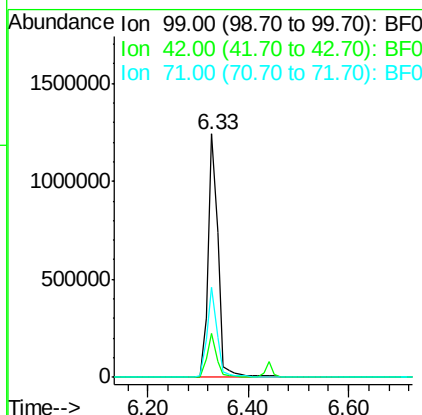
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#10

Phenol

Concen: 6.60 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

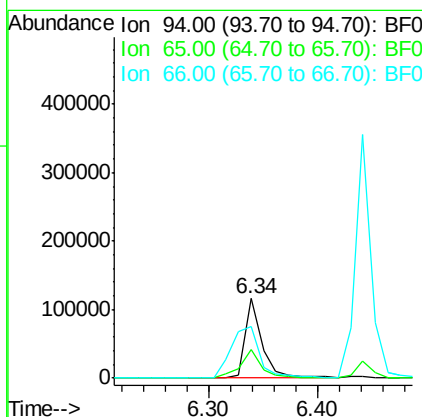
Tgt Ion: 94 Resp: 127156

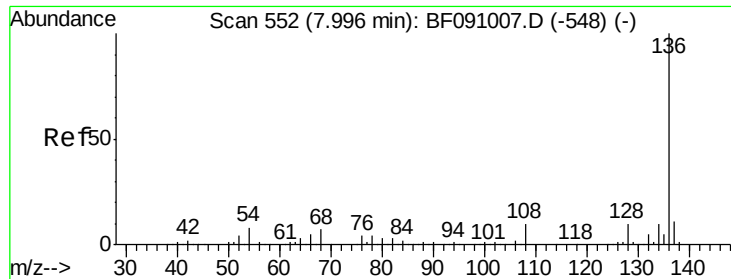
Ion Ratio Lower Upper

94 100

65 36.9 30.4 70.4

66 65.5 62.9 102.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

Instrument :

BNA_F

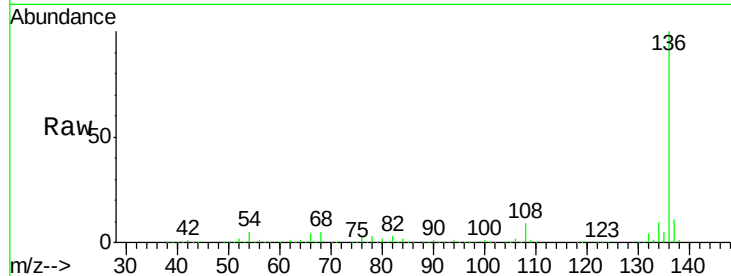
ClientSampleId :

BRITTON-LAWRENCEVILLE-NJ

Tot Ion	Ratio	Resp	Lower	Upper
136	100	733261		
137	10.8		8.9	13.3
54	4.7		6.2	9.2#
68	4.7		5.5	8.3#

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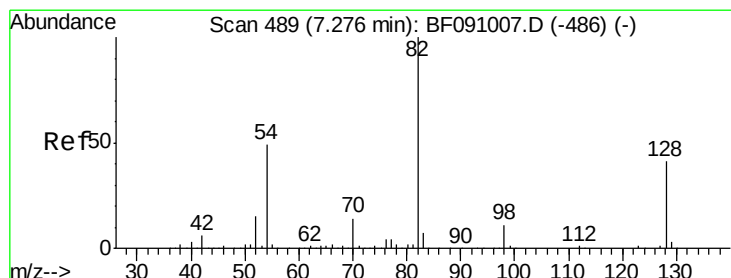
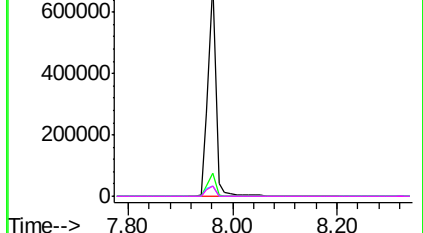
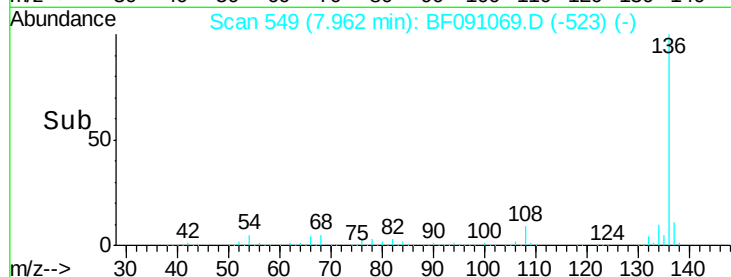


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 56.65 ng

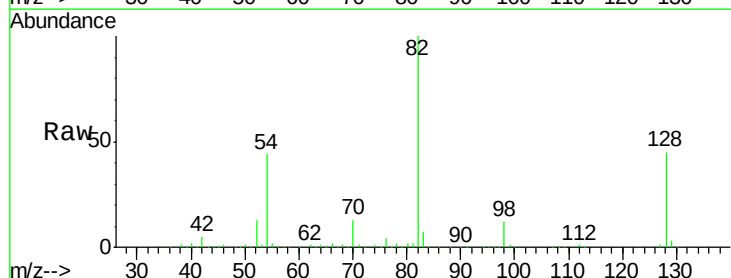
RT: 7.24 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

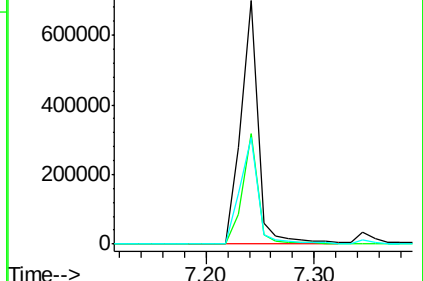
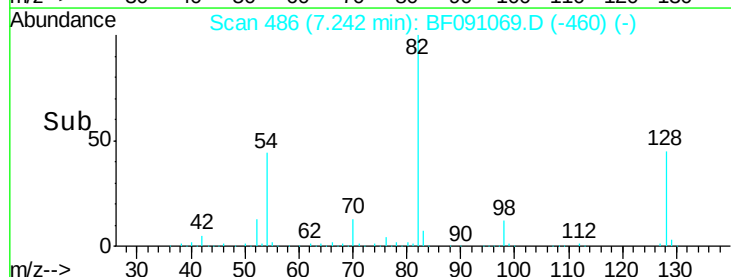
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	761453		
128	45.2		32.4	48.6
54	44.0		39.2	58.8

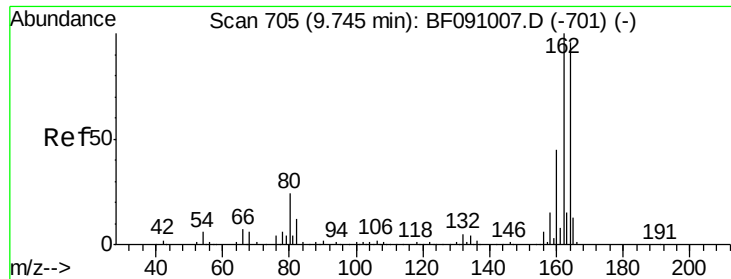


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

Instrument :

BNA_F

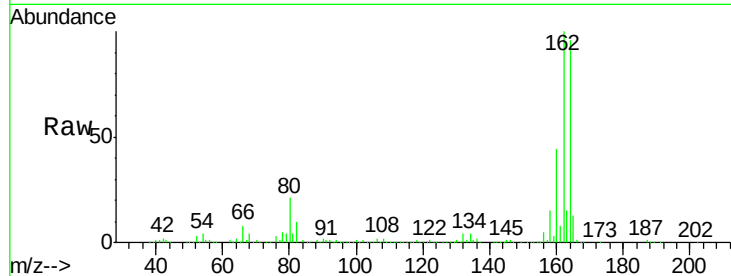
ClientSampleId :

BRITTON-LAWRENCEVILLE-NJ

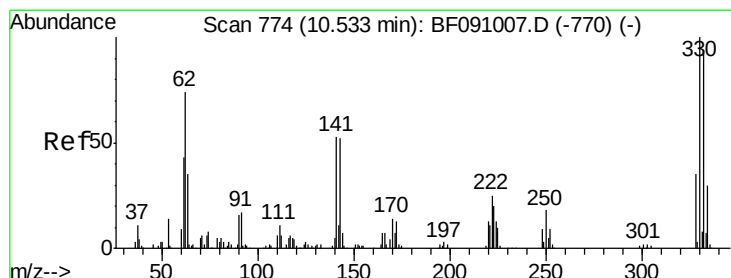
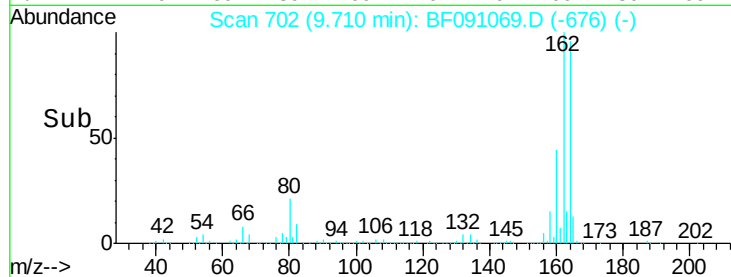
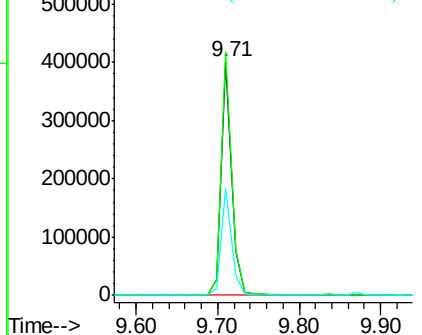
Tot Ion:	164	Resp:	355514
Ion Ratio	Lower	Upper	
164	100		
162	104.1	83.6	125.4
160	45.9	37.9	56.9

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 79.57 ng

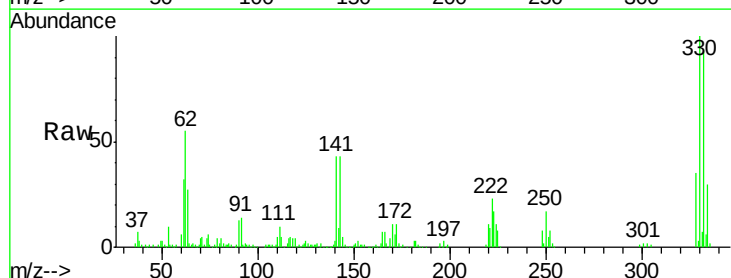
RT: 10.50 min Scan# 771

Delta R.T. -0.01 min

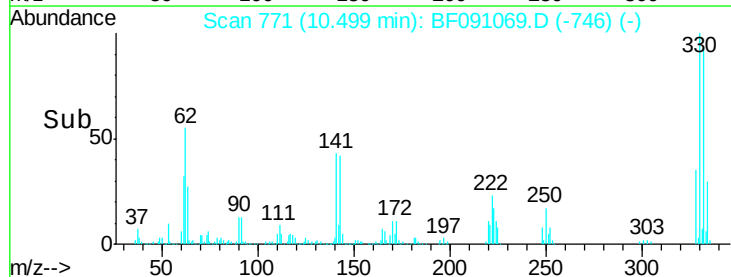
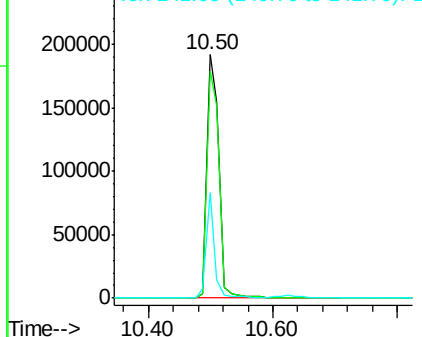
Lab File: BF091069.D

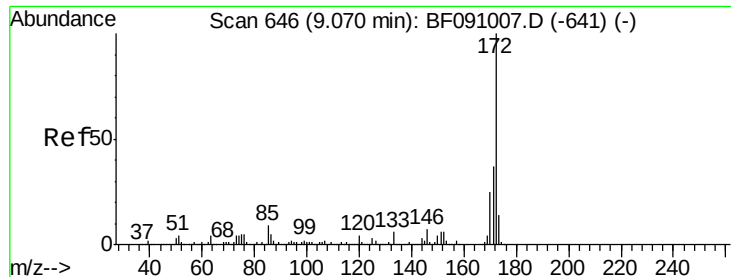
Acq: 7 Nov 2016 21:17

Tgt Ion:	330	Resp:	255758
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.9	113.9
141	29.4	36.1	54.1#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.05 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

BRITTON-LAWRENCEVILLE-NJ

Tot Ion:172 Resp: 1570393

Ion Ratio Lower Upper

172 100

171 35.8 29.8 44.6

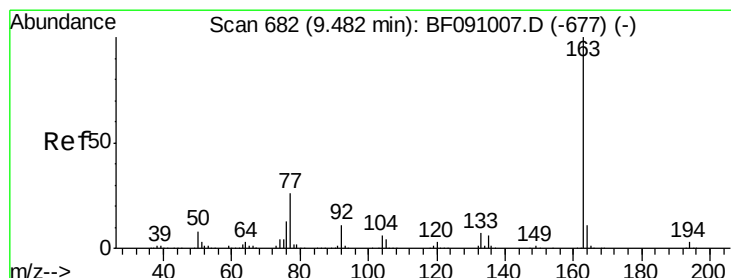
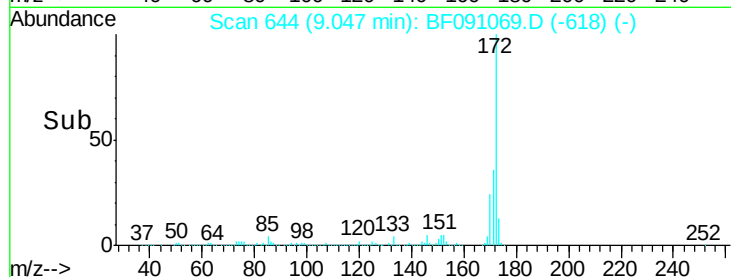
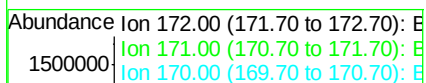
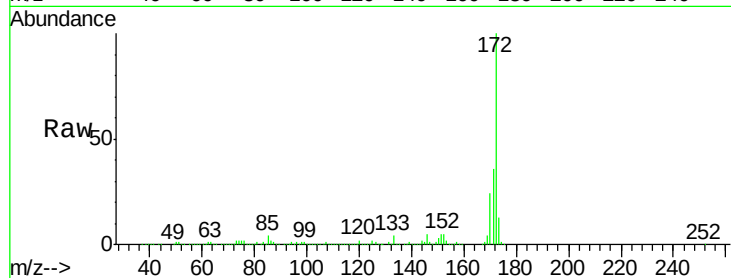
170 24.0 20.3 30.5

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#49

Dimethylphthalate

Concen: 4.67 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

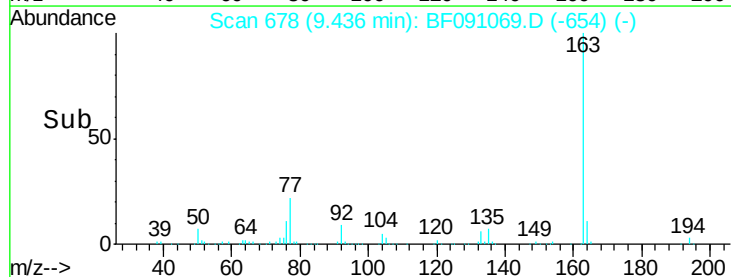
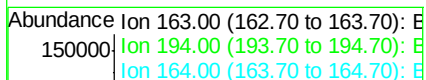
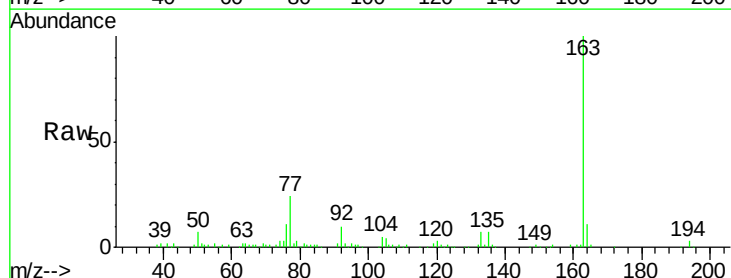
Tgt Ion:163 Resp: 108891

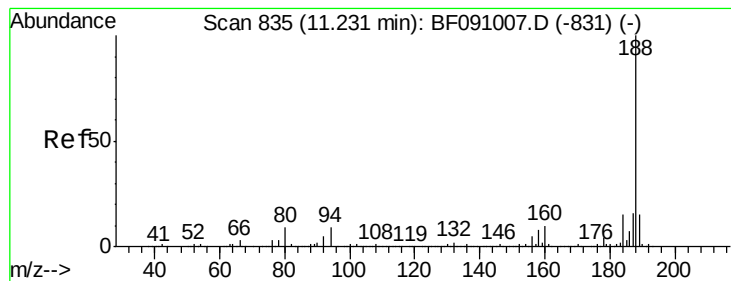
Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

164 10.6 8.7 13.1





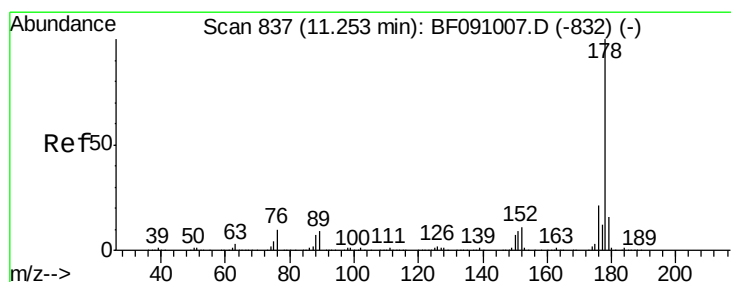
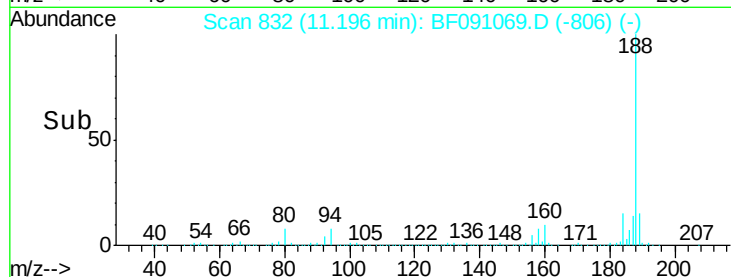
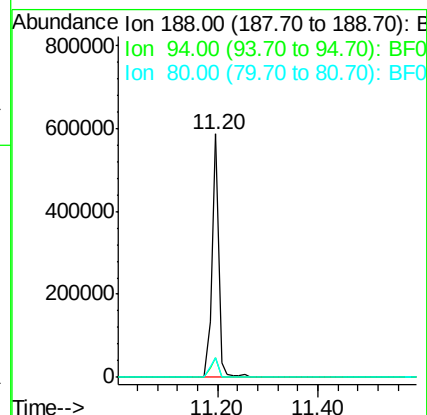
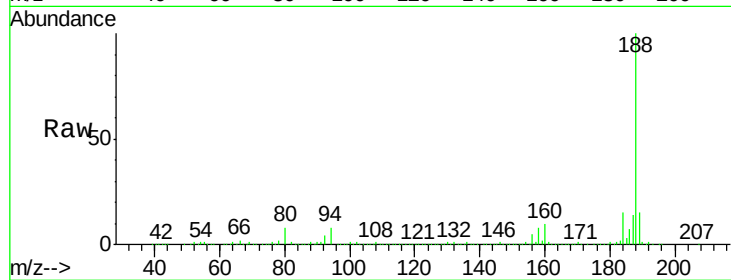
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

Tot Ion	Ratio	Resp	Lower	Upper
188	100	542638		
94	7.8		7.0	10.4
80	8.0		7.5	11.3

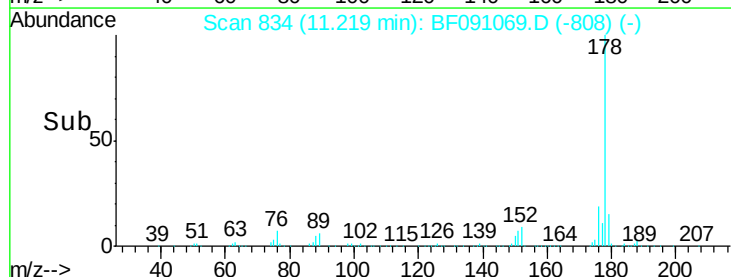
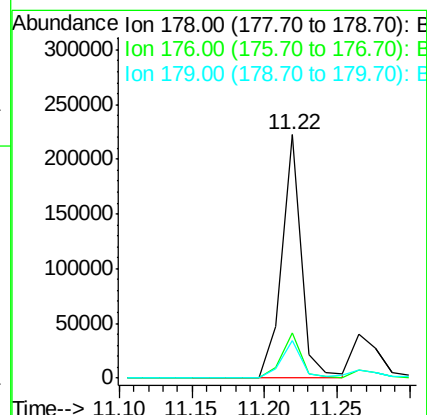
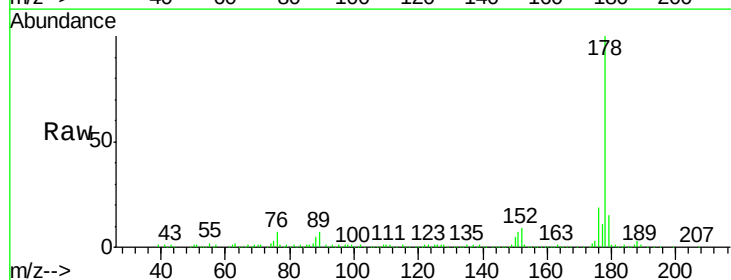
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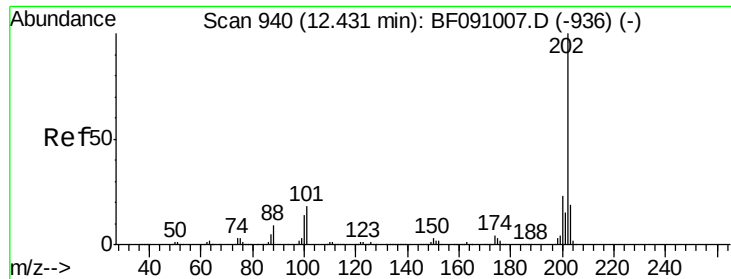
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#70
Phenanthrene
Concen: 7.15 ng
RT: 11.22 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	206249		
176	18.8		16.6	25.0
179	15.3		12.9	19.3





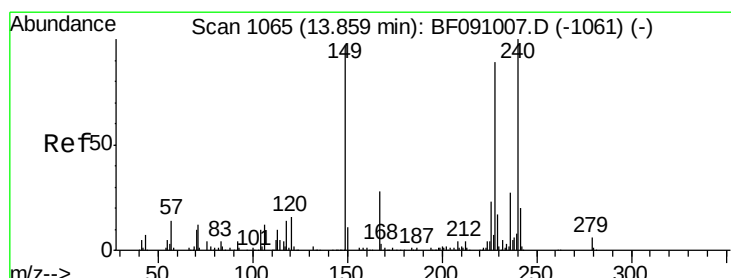
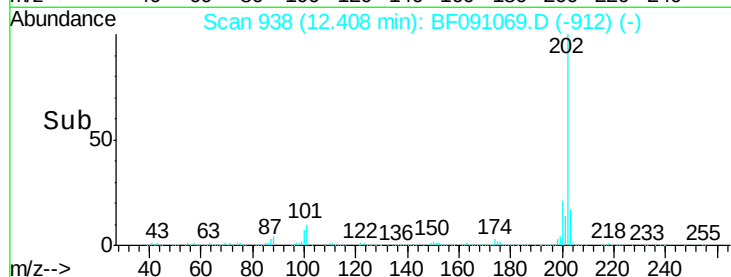
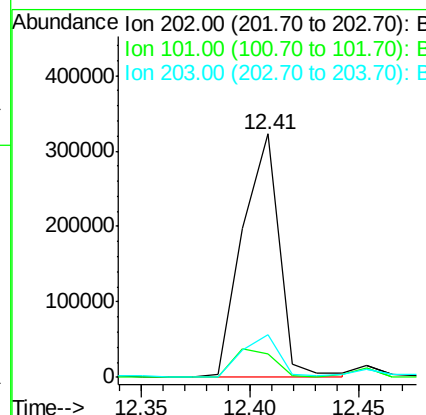
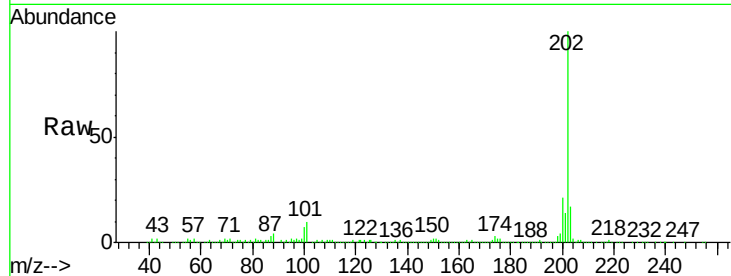
#74
Fluoranthene
Concen: 12.58 ng
RT: 12.41 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	37.6
203	17.4	0.0	38.6

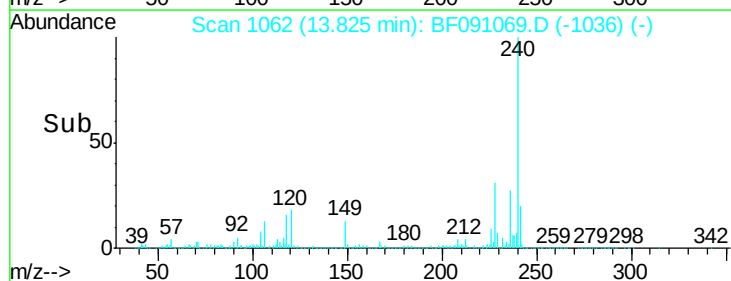
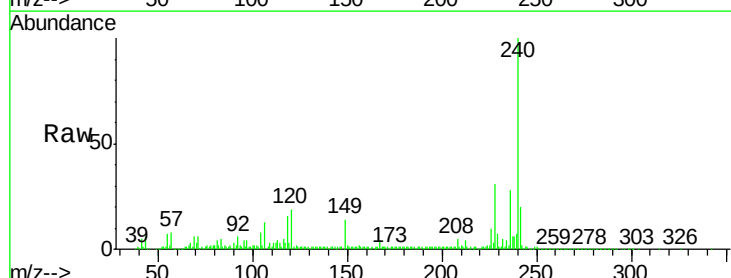
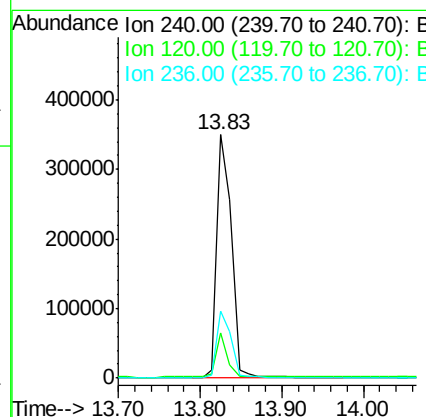
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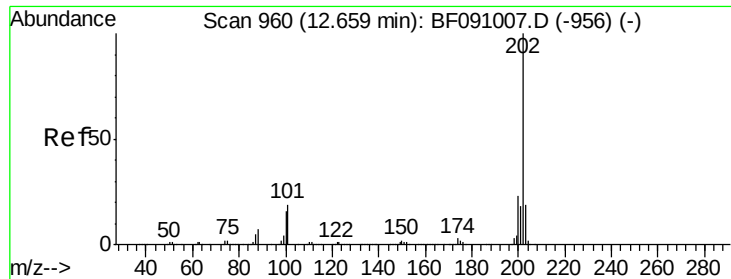
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	18.8	12.9	19.3
236	27.6	21.9	32.9





#77

Pvrene

Concen: 11.22 ng

RT: 12.64 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF091069.D

Acq: 7 Nov 2016 21:17

Instrument :

BNA_F

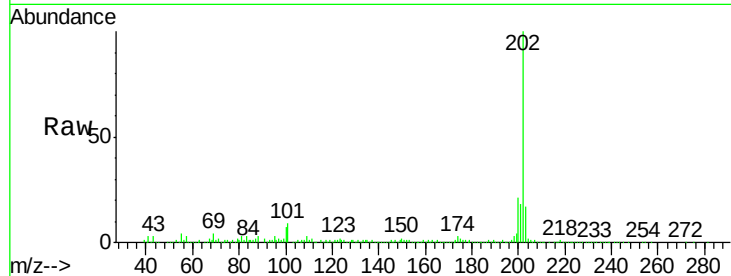
ClientSampleId :

BRITTON-LAWRENCEVILLE-NJ

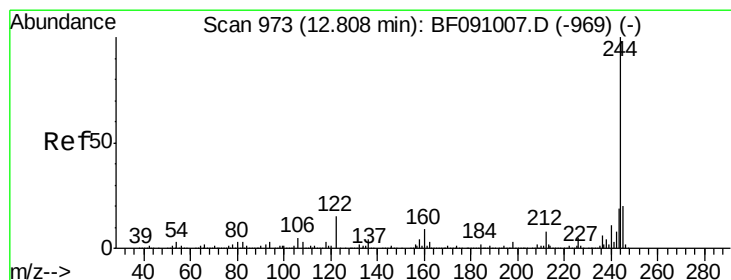
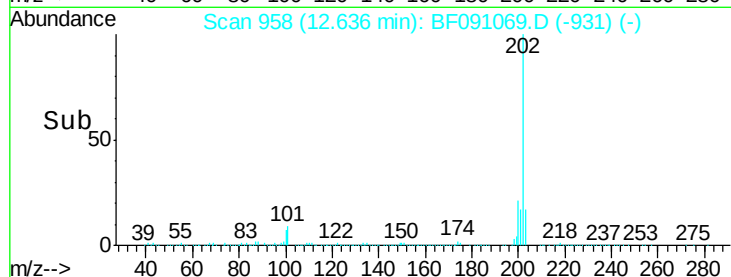
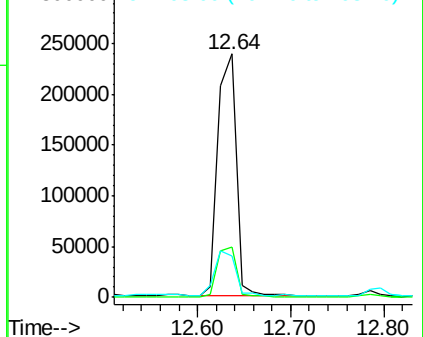
Tot Ion:	202	Resp:	325471
Ion Ratio	Lower	Upper	
202	100		
200	20.9	18.4	27.6
203	17.2	15.0	22.6

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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: 71.26 ng

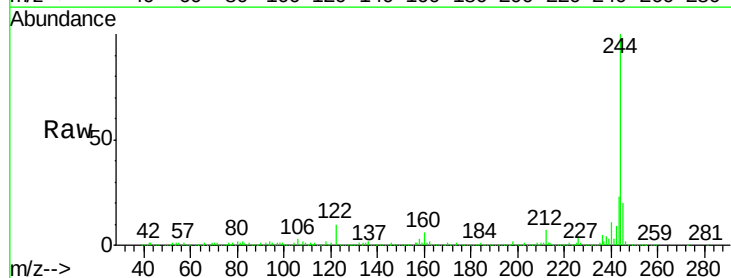
RT: 12.78 min Scan# 971

Delta R.T. 0.00 min

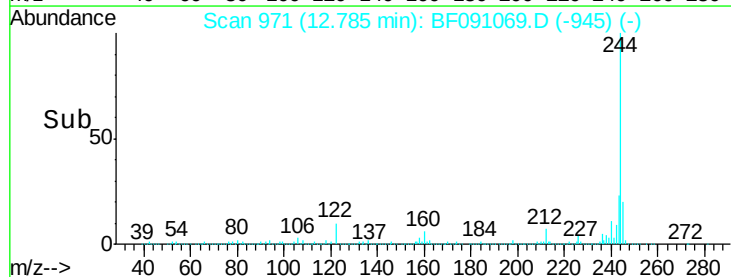
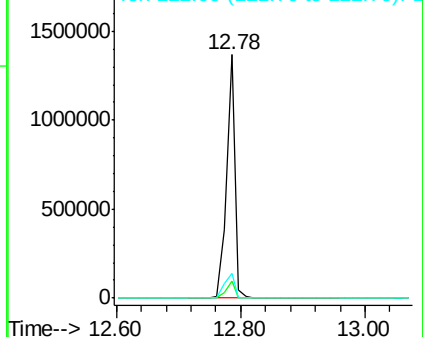
Lab File: BF091069.D

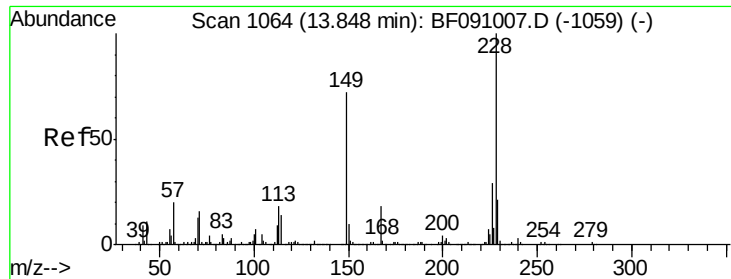
Acq: 7 Nov 2016 21:17

Tgt Ion:	244	Resp:	1264494
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.4	9.6
122	10.0	12.3	18.5#



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





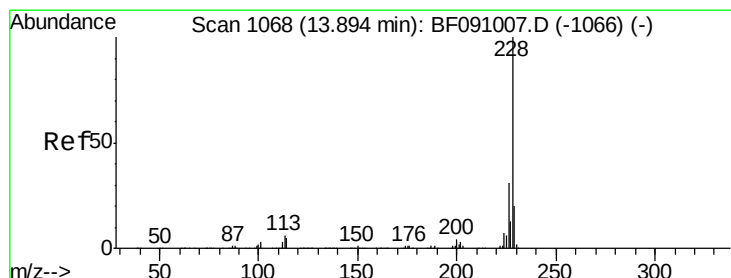
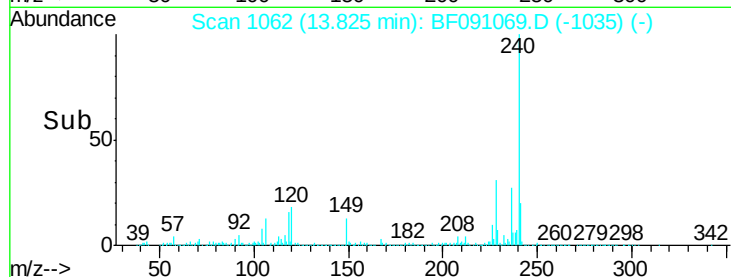
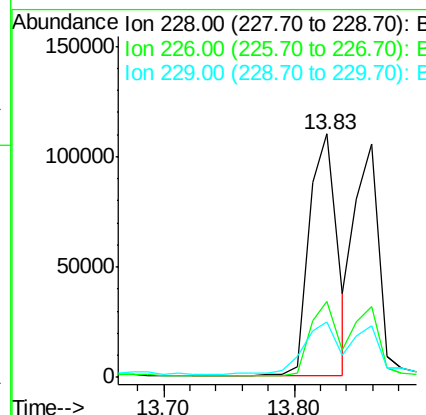
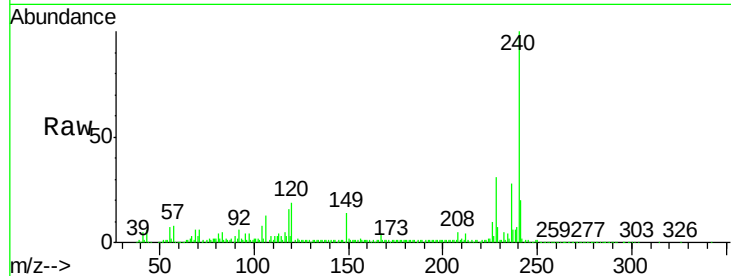
#80
Benzo(a)anthracene
Concen: 6.58 ng
RT: 13.83 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.6
229	22.5	16.6	24.8

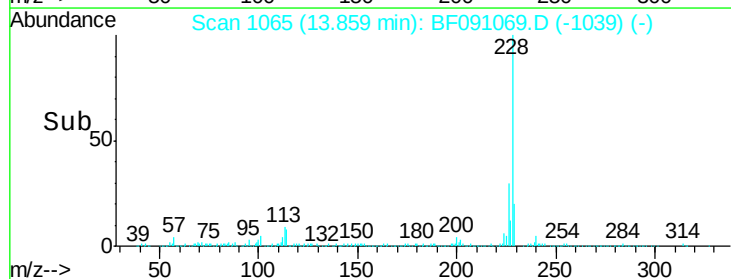
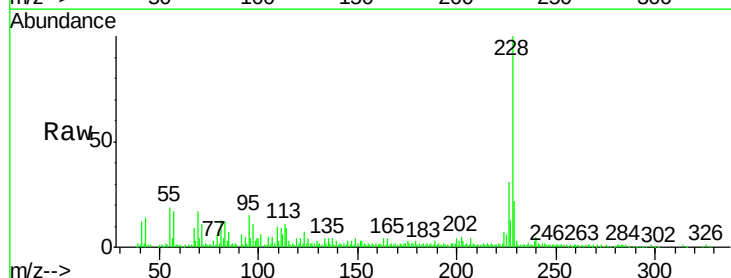
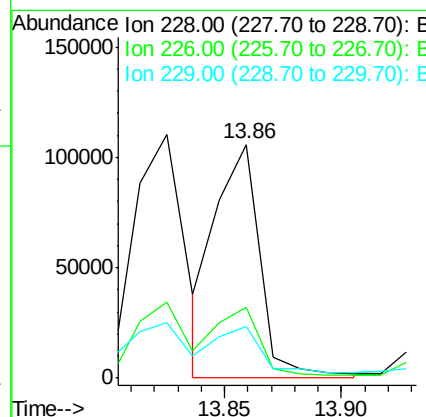
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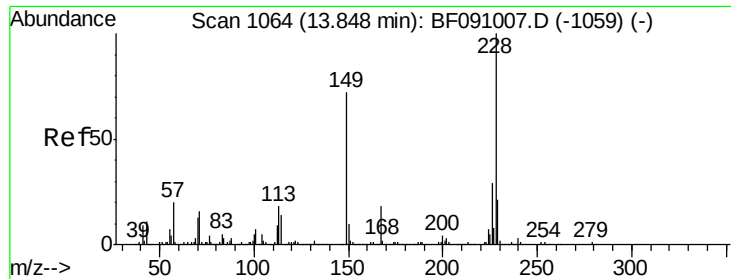
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#82
Chrysene
Concen: 5.68 ng m
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.0	15.9	23.9





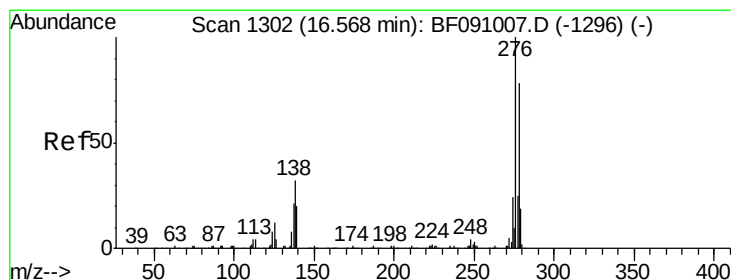
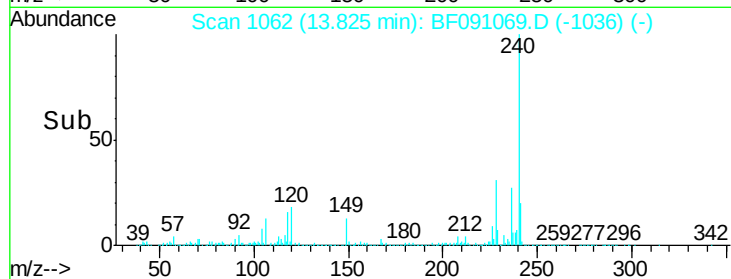
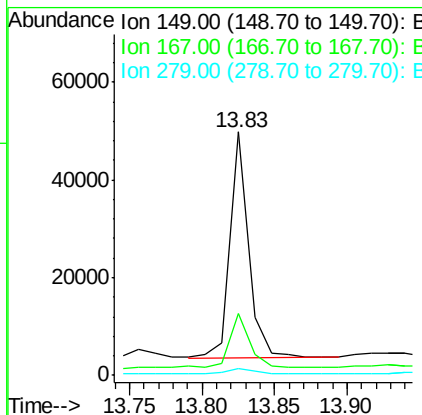
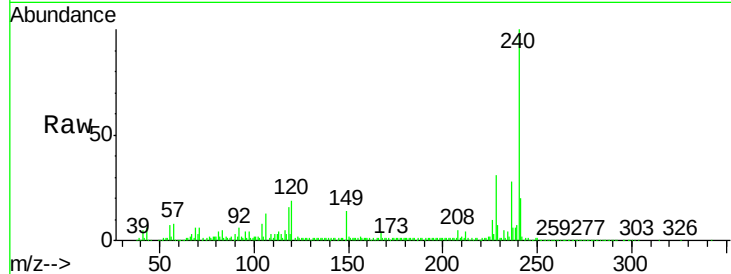
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.18 ng
RT: 13.83 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

Tot Ion	Ratio	Resp	Lower	Upper
149	100	40942		
167	25.4	20.4	30.6	
279	2.9	1.6	2.4	

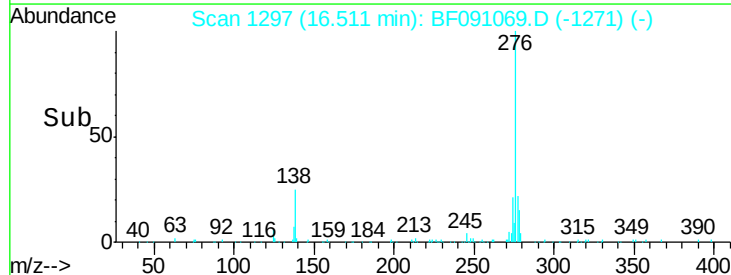
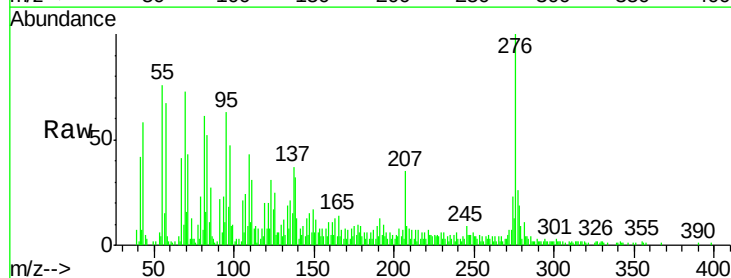
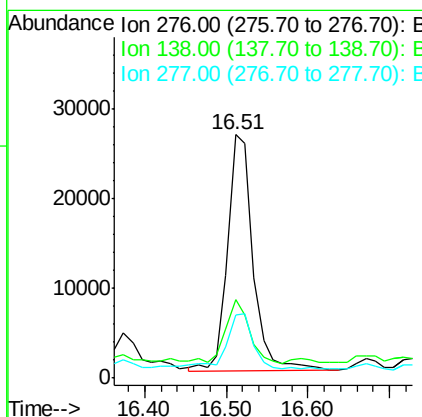
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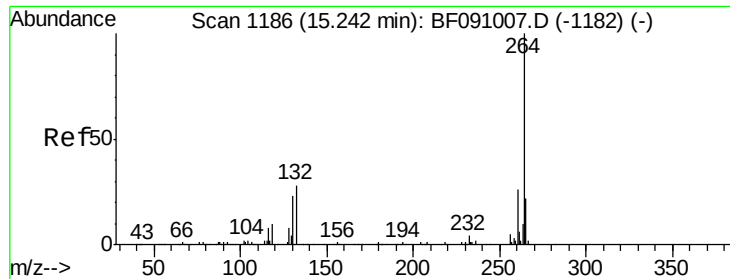
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.76 ng
RT: 16.51 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	56792		
138	25.0	26.0	39.0	
277	25.3	20.1	30.1	





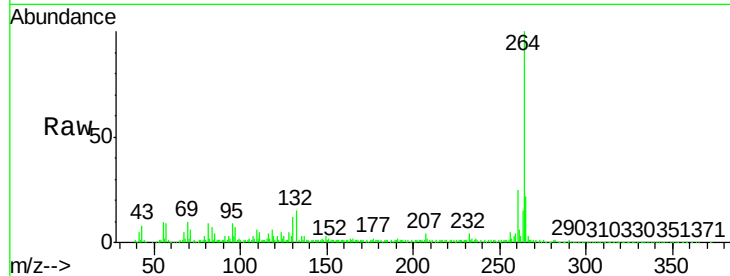
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

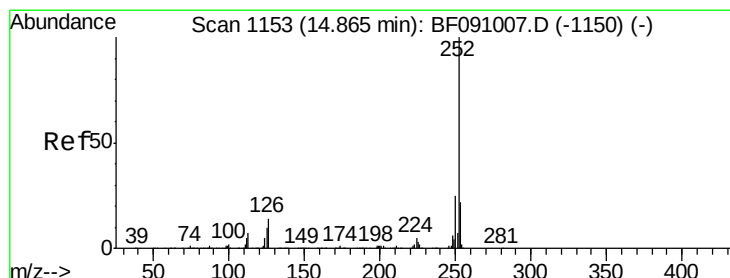
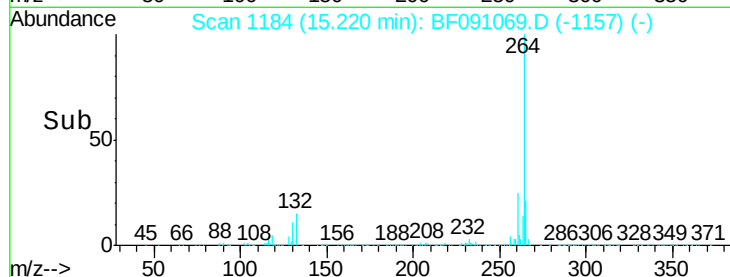
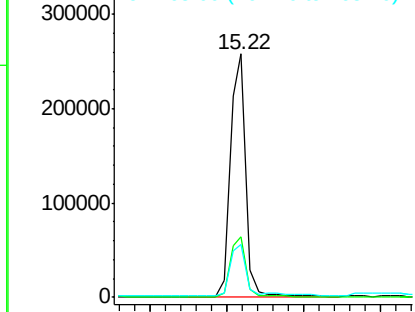
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.8	17.8	26.8

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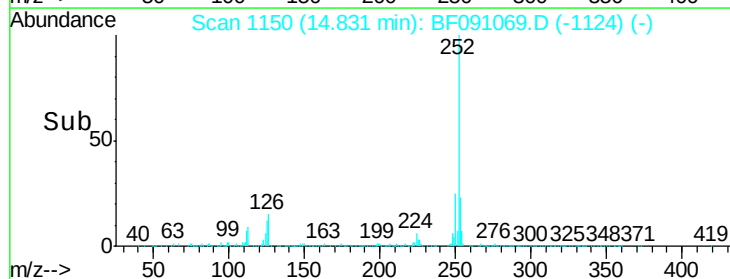
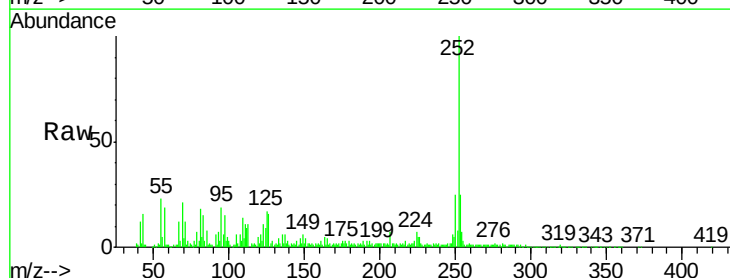
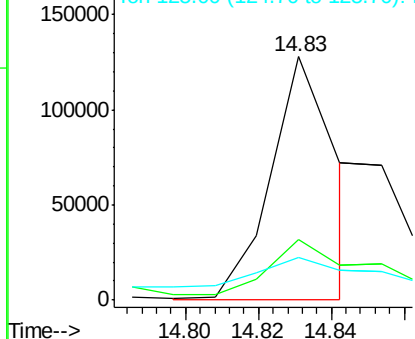
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

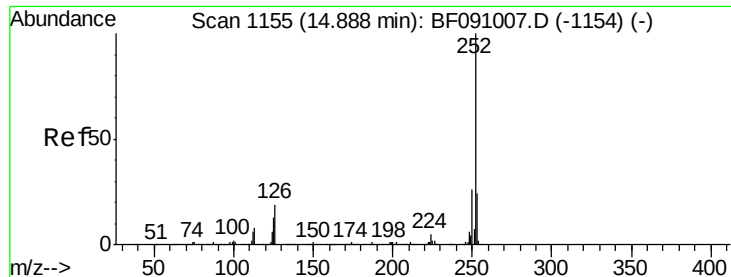


#87
Benzo(b)fluoranthene
Concen: 6.52 ng m
RT: 14.83 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	17.4	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





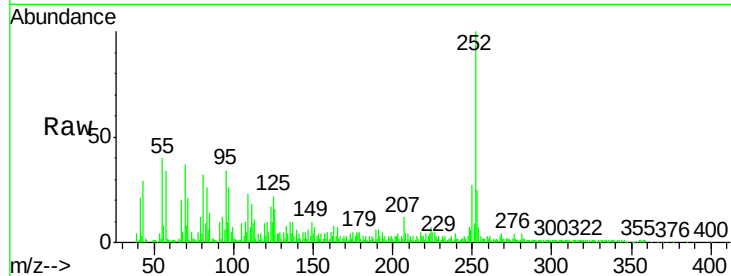
#88
Benzo(k)fluoranthene
Concen: 3.26 ng m
RT: 14.84 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

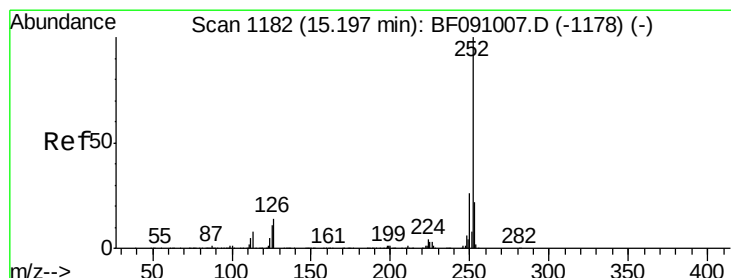
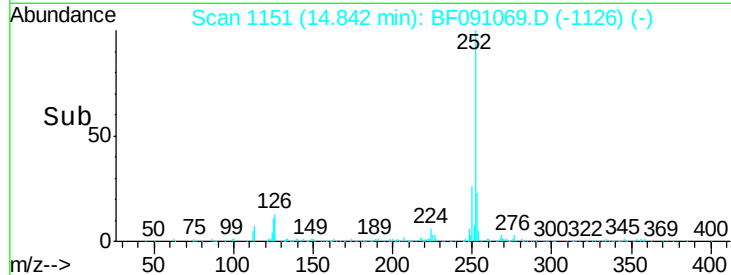
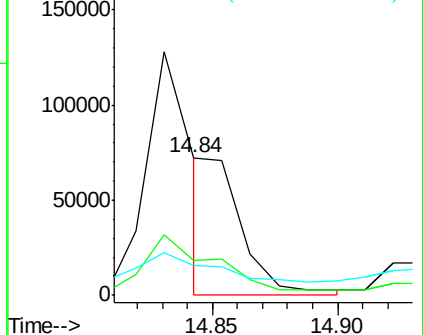
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.6	28.0
125	21.7	11.2	16.8

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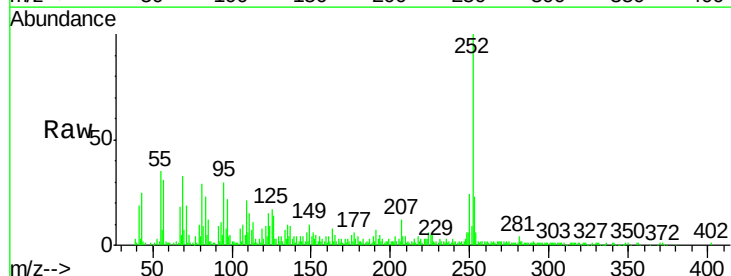


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

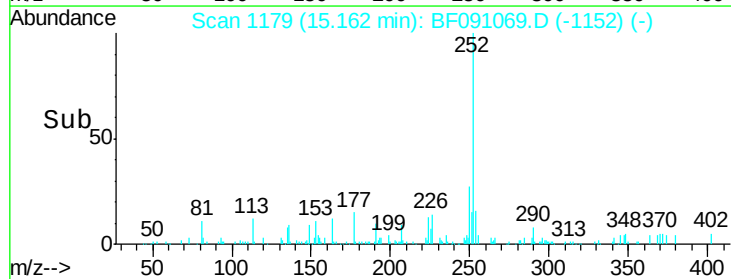
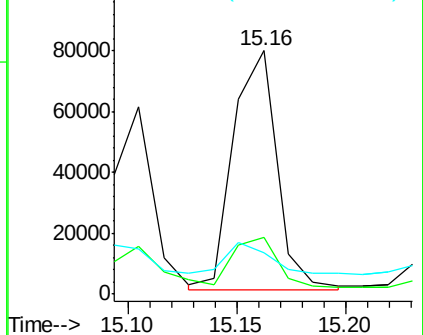


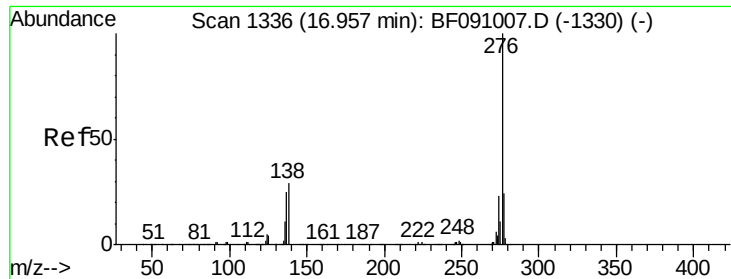
#89
Benzo(a)pyrene
Concen: 5.10 ng
RT: 15.16 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF091069.D
Acq: 7 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	17.0	8.6	13.0



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





#91
 Benzo(a,h,i)perylene
 Concen: 3.08 ng
 RT: 16.90 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF091069.D
 Acq: 7 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-LAWRENCEVILLE-NJ

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.2	28.8
138	31.0	23.3	34.9

Manual Integrations
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