

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087188.D
 Acq On : 19 May 2016 14:59
 Operator : UM/SJ
 Sample : H3119-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-7

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Quant Time: May 19 18:29:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 18:14:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	121041	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	450859	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	240564	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	425779	20.00	ng	0.00
75) Chrysene-d12	13.71	240	297042	20.00	ng	0.00
86) Perylene-d12	15.06	264	279835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	22228	3.09	ng	0.03
7) Phenol-d6	6.24	99	114138	11.82	ng	0.00
23) Nitrobenzene-d5	7.14	82	98021	10.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	3643	1.37	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	170666	11.75	ng	0.00
78) Terphenyl-d14	12.66	244	154334	11.75	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.91	128	9258994	420.29	ng	# 94
37) 2-Methylnaphthalene	8.57	142	1616684	114.73	ng	# 94
45) 1,1'-Biphenyl	9.04	154	726130	36.40	ng	99
48) Acenaphthylene	9.46	152	399003	17.06	ng	# 96
51) Acenaphthene	9.64	154	1777438	121.67	ng	98
54) Dibenzofuran	9.80	168	201461m	10.66	ng	
57) Fluorene	10.16	166	1338416	88.18	ng	98
70) Phenanthrene	11.13	178	5382277m	233.07	ng	
71) Anthracene	11.18	178	2406343m	103.02	ng	
74) Fluoranthene	12.30	202	2232507	96.49	ng	98
77) Pyrene	12.53	202	3200478	149.14	ng	98
80) Benzo(a)anthracene	13.70	228	886362m	51.61	ng	
82) Chrysene	13.74	228	765611m	46.07	ng	
85) Indeno(1,2,3-cd)pyrene	16.29	276	307199	21.06	ng	# 88
87) Benzo(b)fluoranthene	14.70	252	552675m	29.77	ng	
88) Benzo(k)fluoranthene	14.71	252	246112m	17.81	ng	
89) Benzo(a)pyrene	15.01	252	679579m	43.79	ng	
90) Dibenz(a,h)anthracene	16.29	278	58931m	4.51	ng	
91) Benzo(g,h,i)perylene	16.65	276	349522	26.49	ng	# 91

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

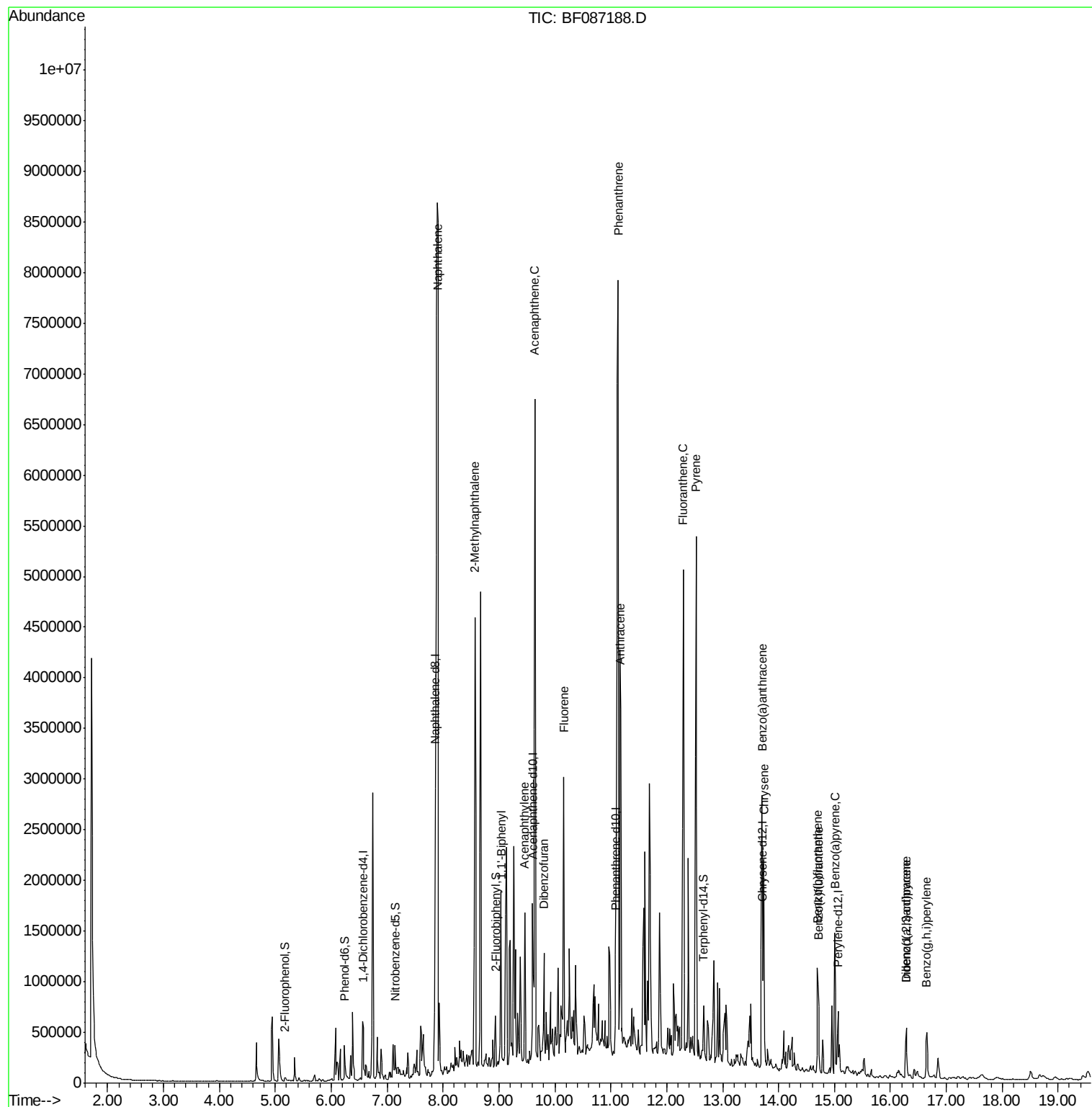
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
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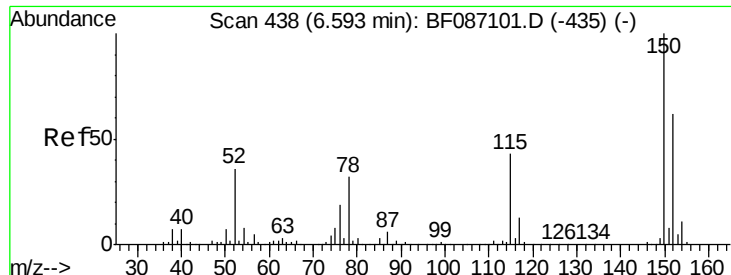
Instrument :
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NYSEG-CLARK-ST-ESMI-7

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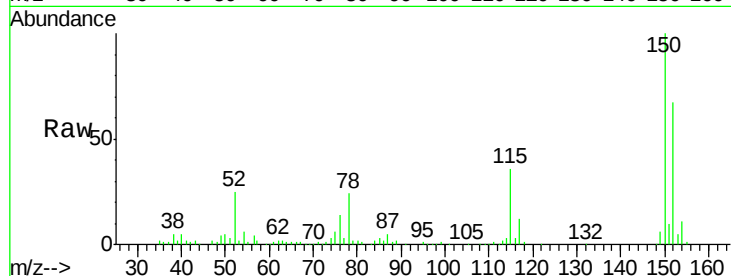




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

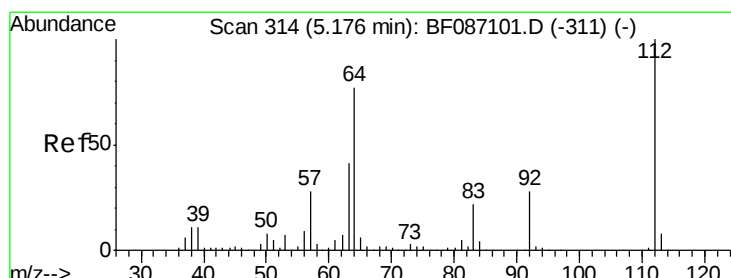
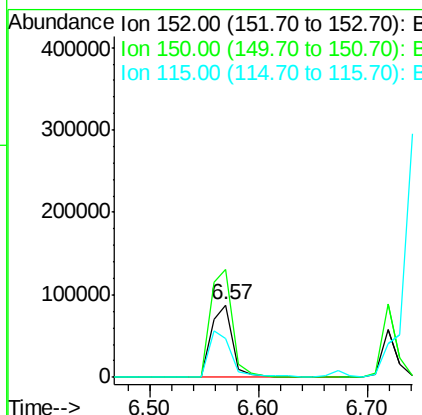
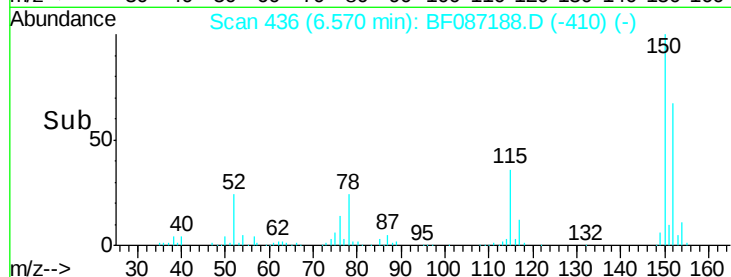
Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-7



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	121041		
150	149.7	125.8	188.6	
115	54.6	51.5	77.3	

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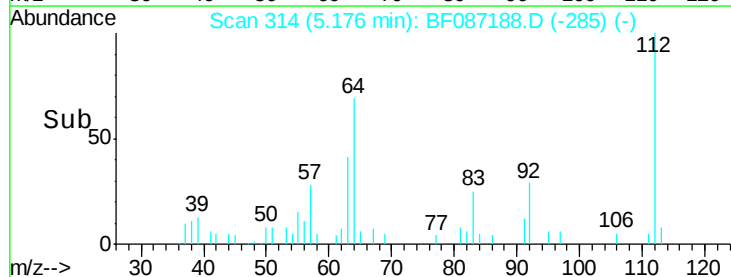
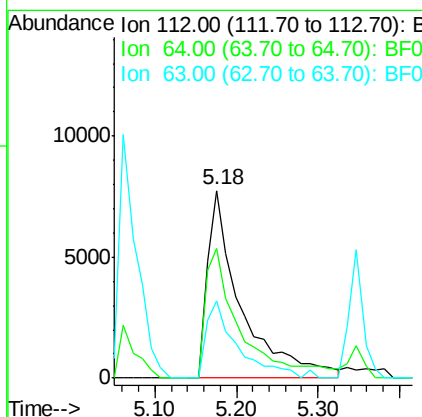
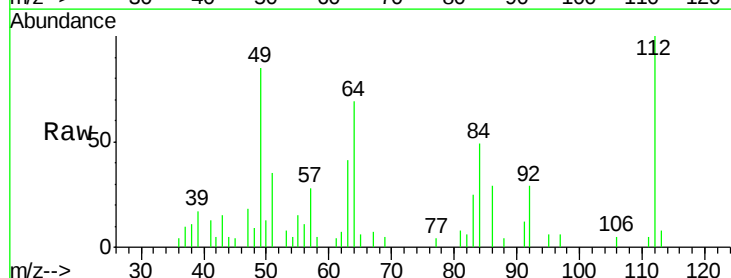
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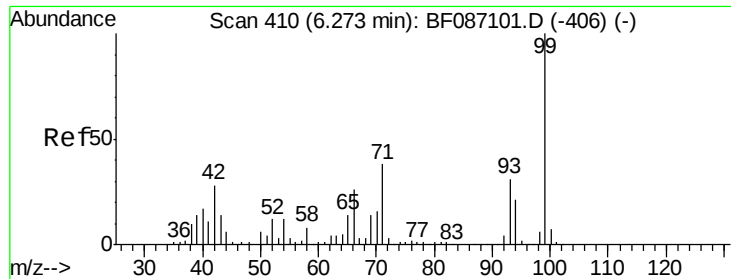


#5

2-Fluorophenol
Concen: 3.09 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.03 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	22228		
64	68.9	52.1	78.1	
63	40.8	25.7	38.5	





#7

Phenol-d6

Concen: 11.82 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 114138

Ion Ratio Lower Upper

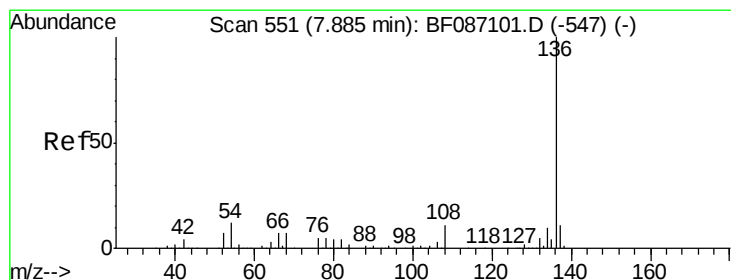
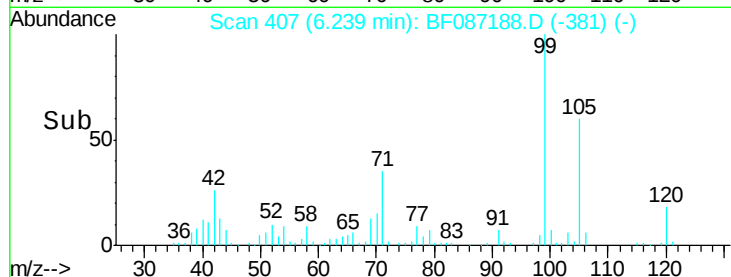
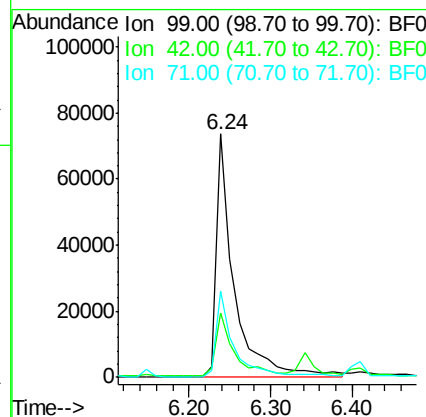
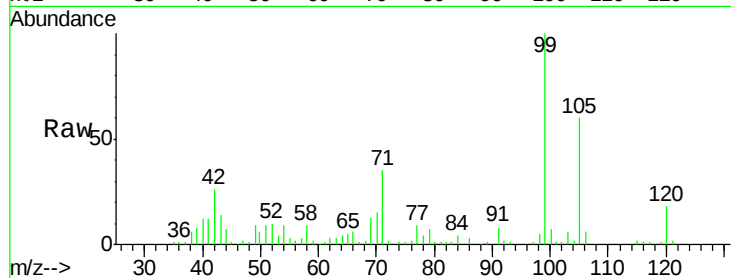
99 100

42 26.3 13.6 20.4#

71 35.3 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Tgt Ion: 136 Resp: 450859

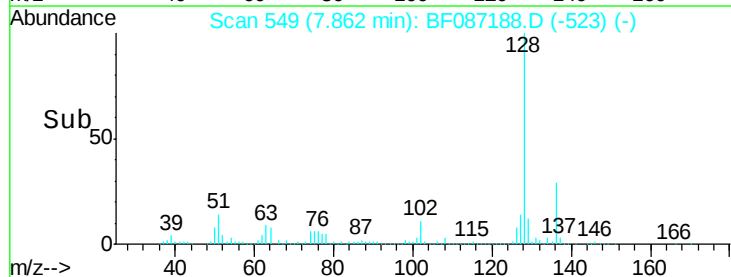
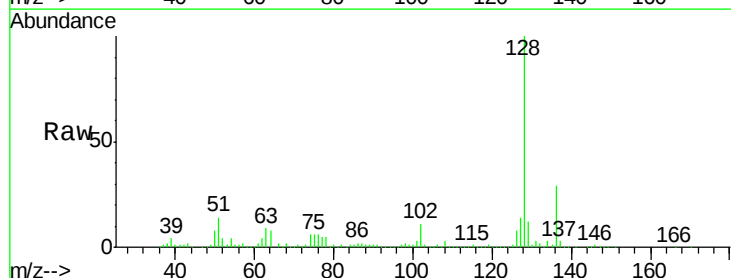
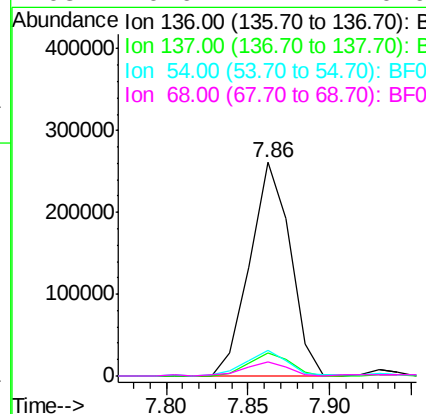
Ion Ratio Lower Upper

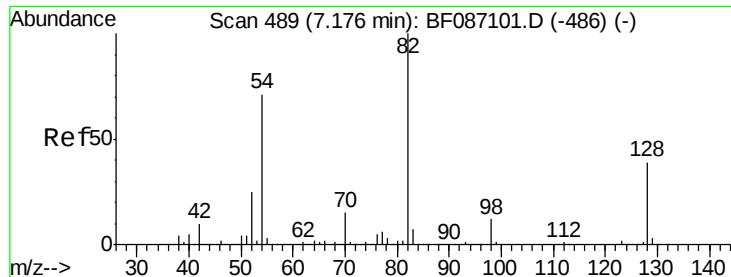
136 100

137 10.8 8.8 13.2

54 12.1 5.0 7.4#

68 6.6 4.4 6.6#





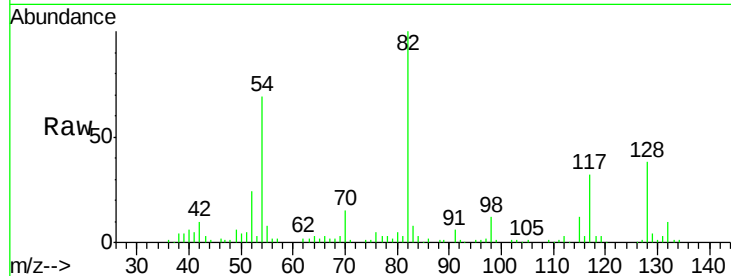
#23
Nitrobenzene-d5
Concen: 10.84 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
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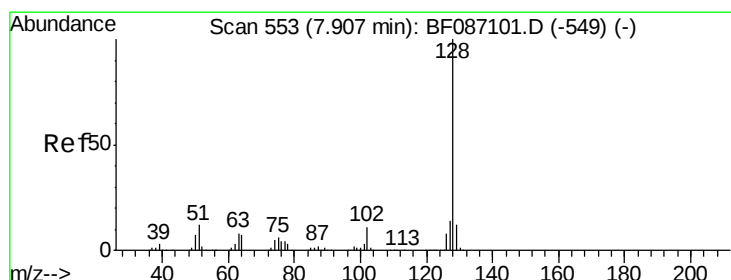
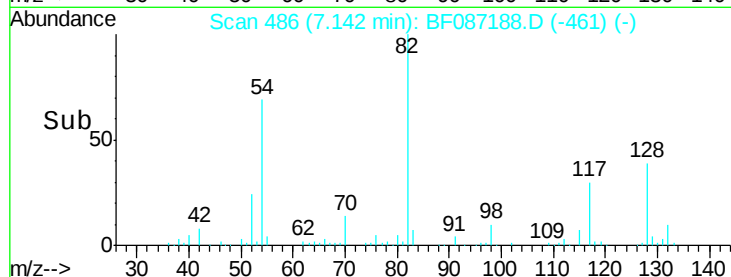
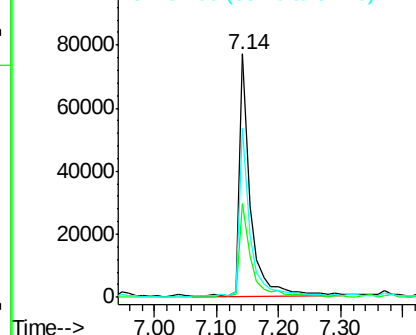
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	69.4	38.1	57.1#

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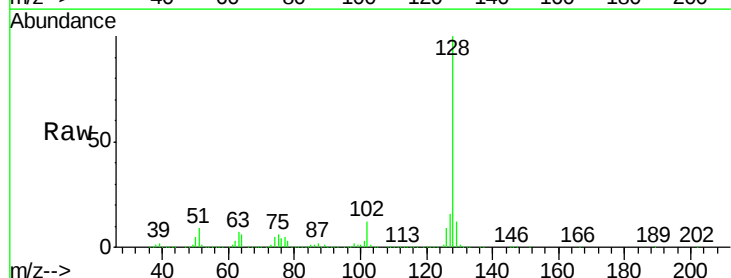


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

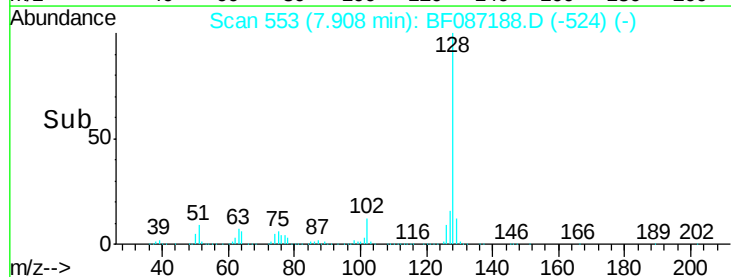
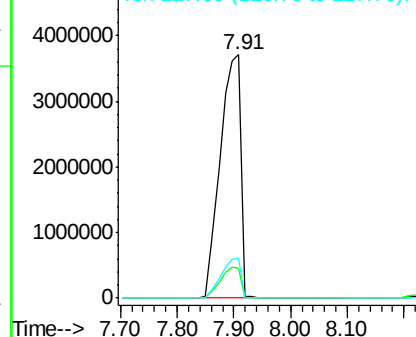


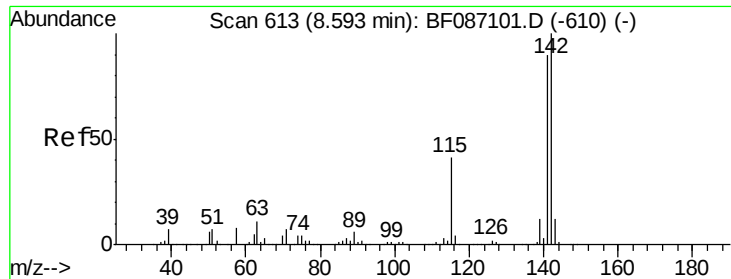
#31
Naphthalene
Concen: 420.29 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.03 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	13.0
127	16.4	10.8	16.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





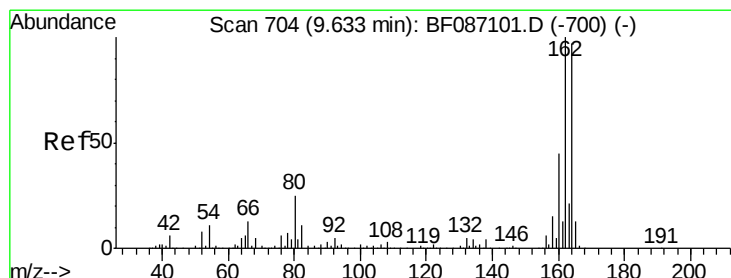
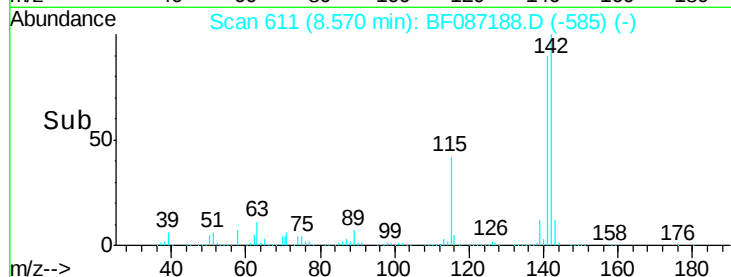
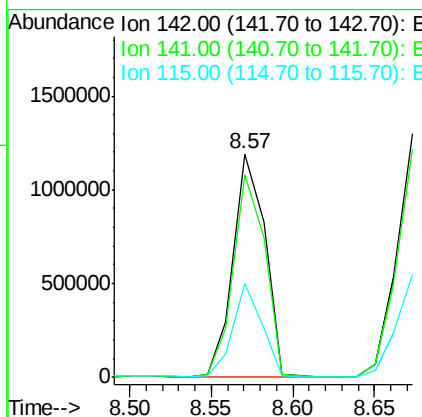
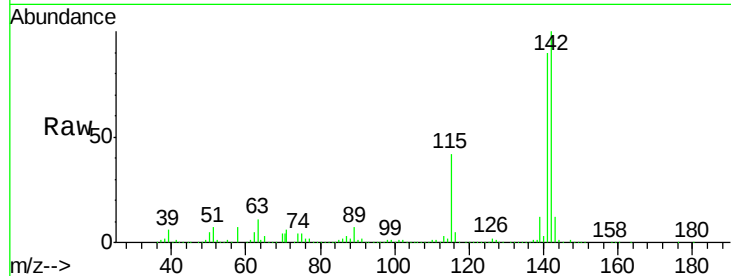
#37
 2-Methylnaphthalene
 Concen: 114.73 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF087188.D
 Acq: 19 May 2016 14:59

Instrument :
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 ClientSampleId :
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Tgt Ion:142 Resp: 1616684
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 42.2 26.6 39.8#

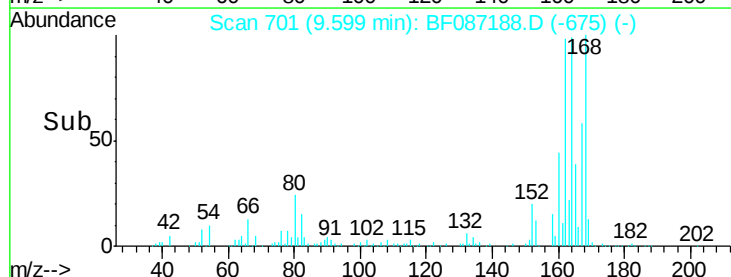
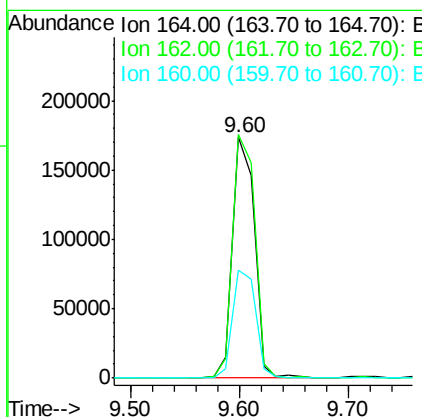
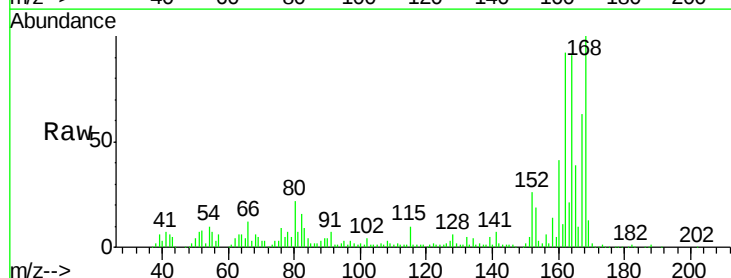
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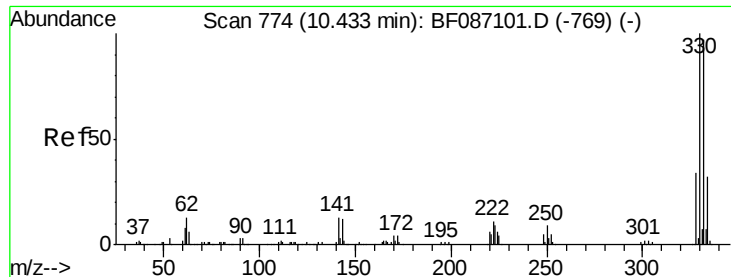
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF087188.D
 Acq: 19 May 2016 14:59

Tgt Ion:164 Resp: 240564
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.8 124.2
 160 44.7 36.9 55.3





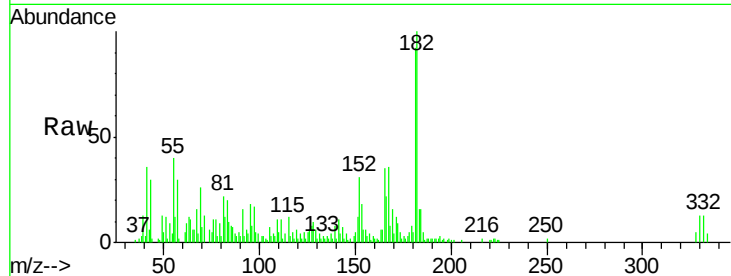
#41
 2,4,6-Tribromophenol
 Concen: 1.37 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF087188.D
 Acq: 19 May 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-7

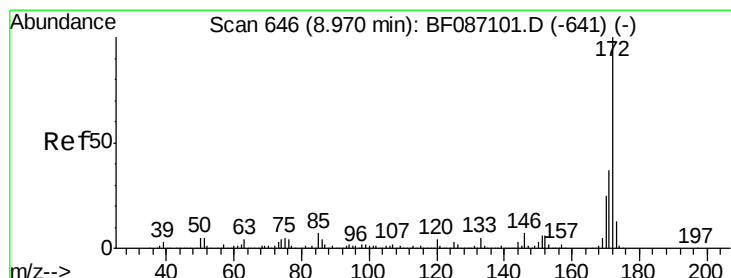
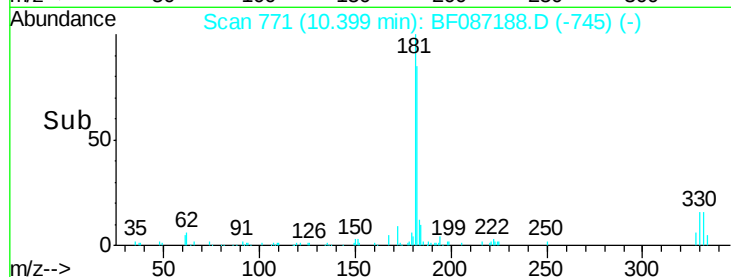
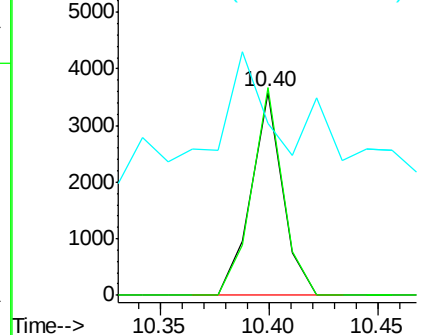
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	3643		
332	100.4	79.0	118.4	
141	59.5	31.2	46.8	

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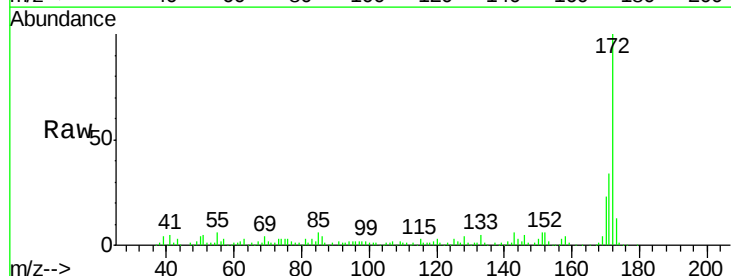


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

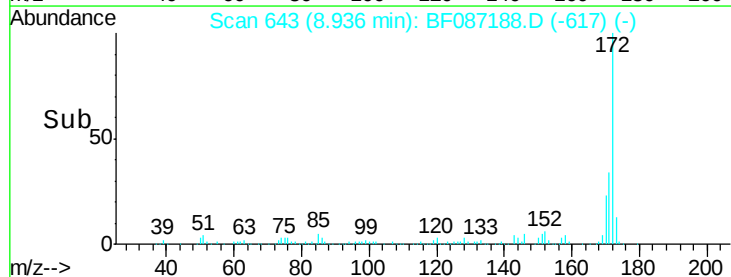
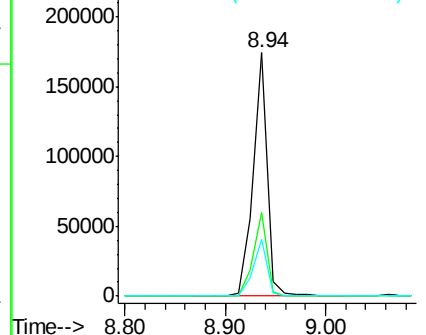


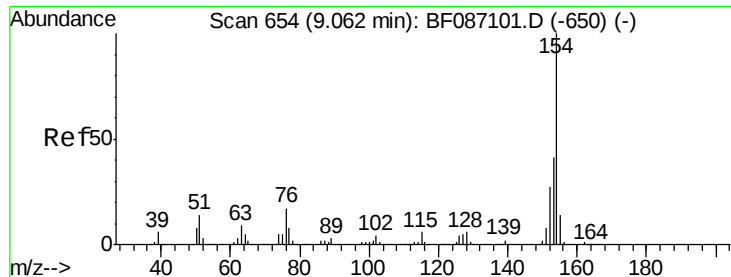
#44
 2-Fluorobiphenyl
 Concen: 11.75 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF087188.D
 Acq: 19 May 2016 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	170666		
171	34.5	29.0	43.6	
170	23.2	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.40 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

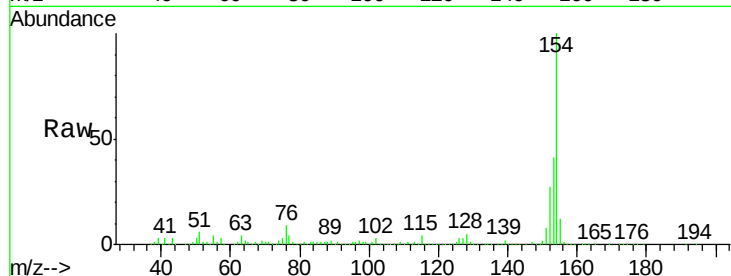
ClientSampleId :

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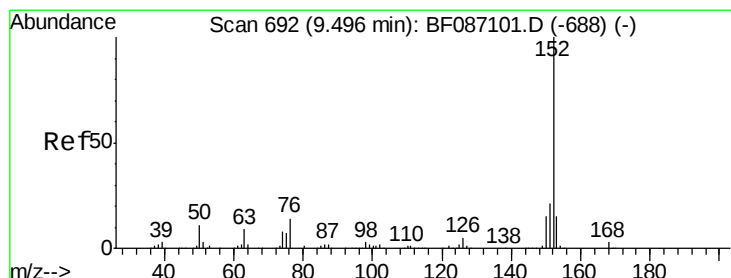
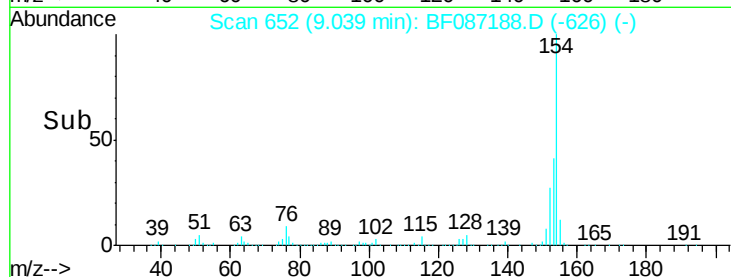
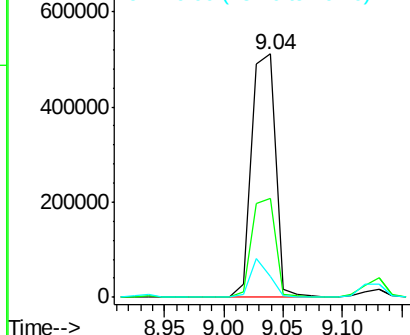
Tgt Ion:	154	Resp:	726130
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.3	60.3
76	8.8	0.0	30.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 17.06 ng

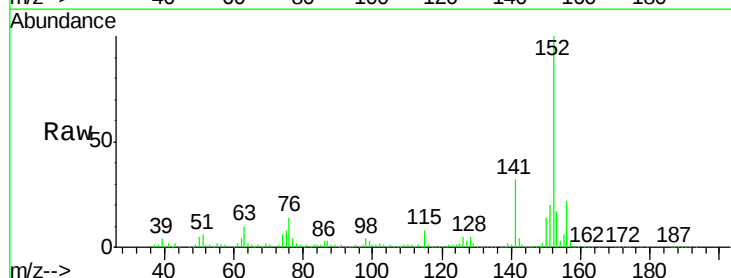
RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

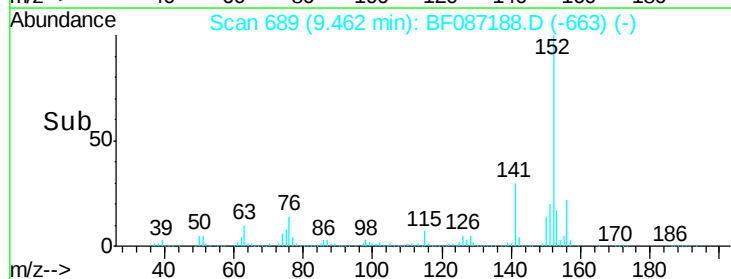
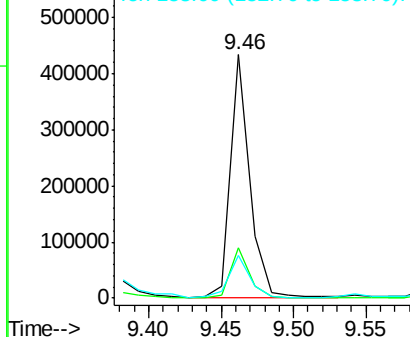
Lab File: BF087188.D

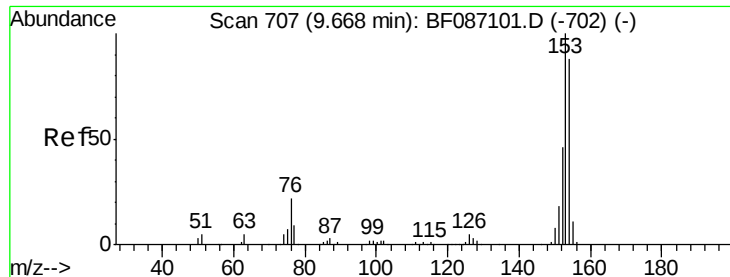
Acq: 19 May 2016 14:59

Tgt Ion:	152	Resp:	399003
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	17.3	10.9	16.3#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 121.67 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:154 Resp: 1777438

Ion Ratio Lower Upper

154 100

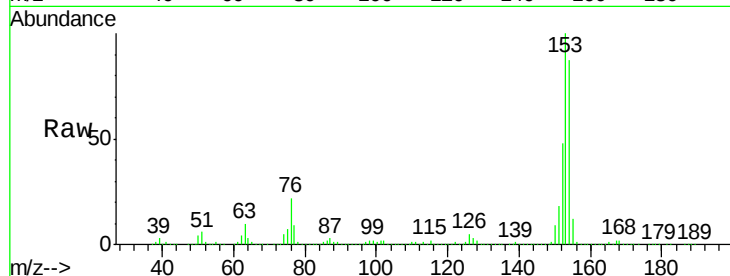
153 114.7 89.8 134.6

152 55.4 43.4 65.0

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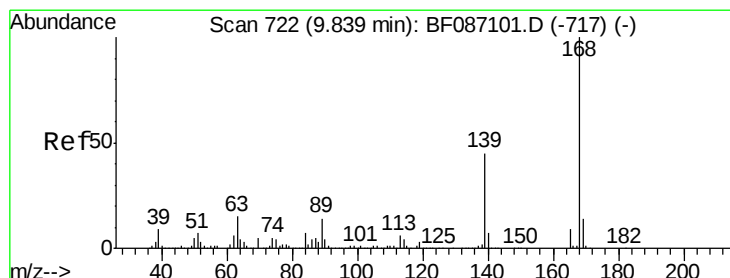
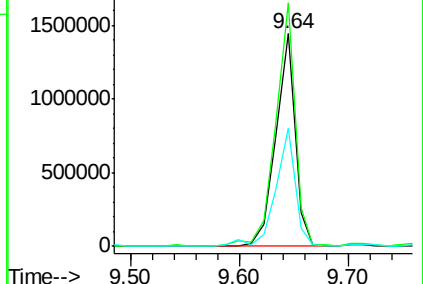
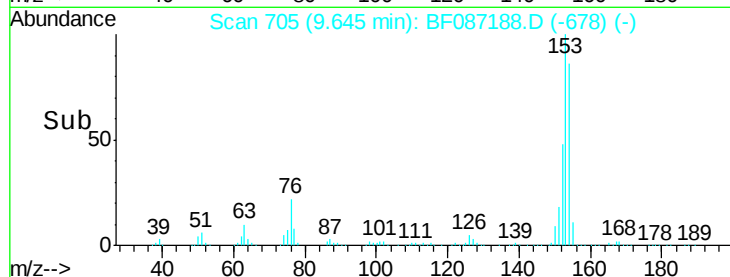
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 10.66 ng m

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

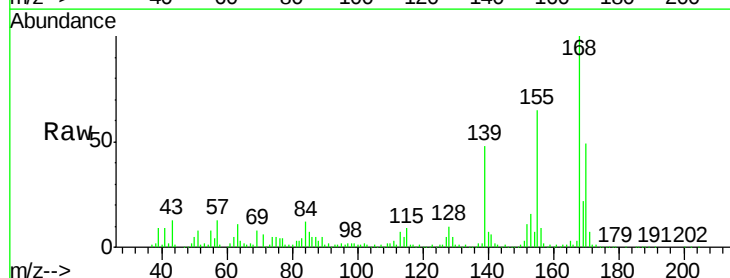
Tgt Ion:168 Resp: 201461

Ion Ratio Lower Upper

168 100

139 47.7 31.4 47.0#

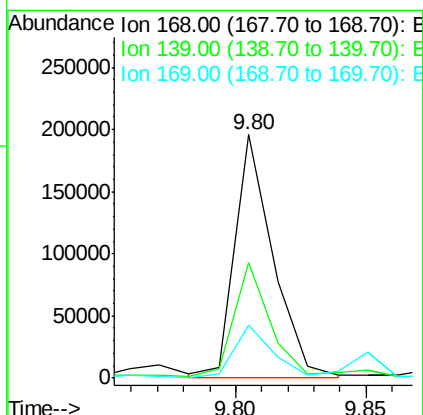
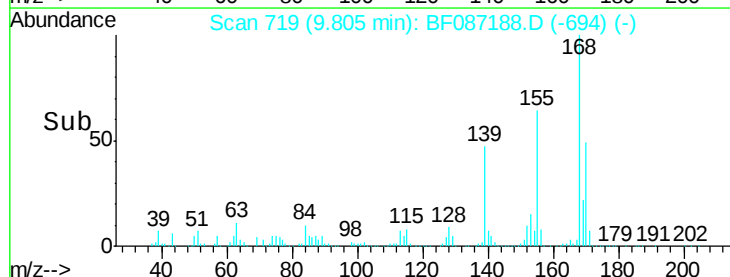
169 21.8 10.7 16.1#

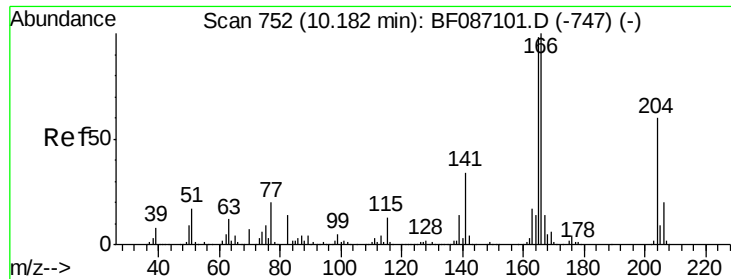


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 88.18 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

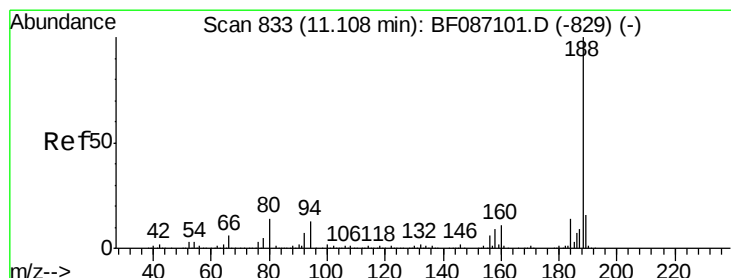
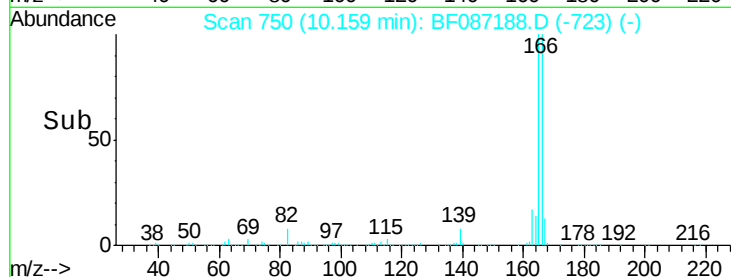
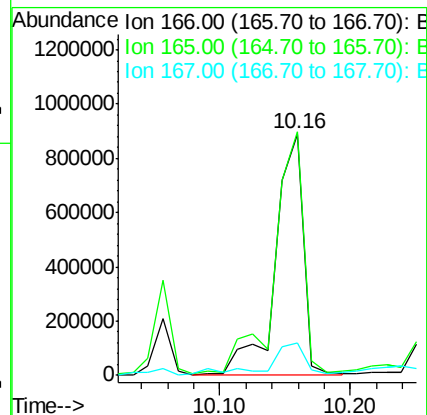
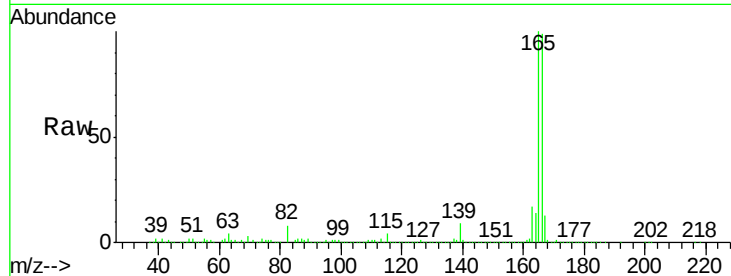
NYSEG-CLARK-ST-ESMI-7

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Tgt Ion:166 Resp: 1338416
Ion Ratio Lower Upper
166 100
165 100.8 79.0 118.6
167 13.6 10.6 15.8



#63

Phenanthrene-d10

Concen: 20.00 ng

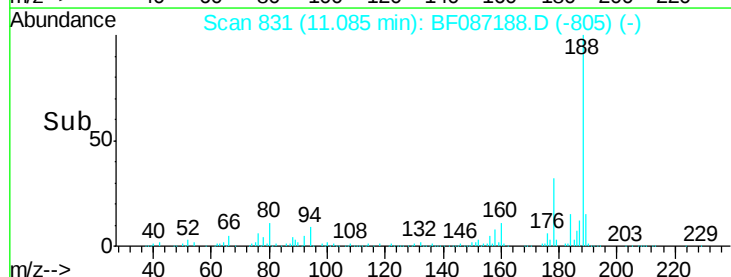
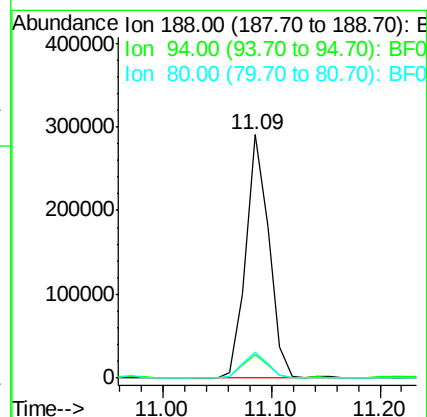
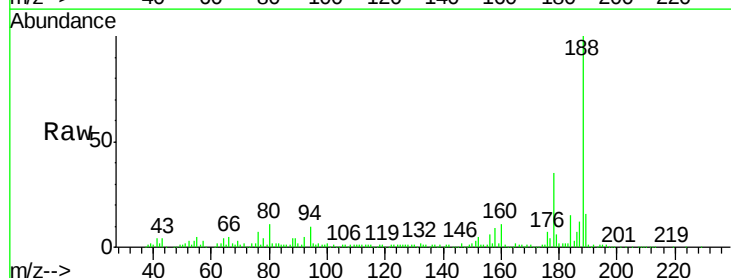
RT: 11.09 min Scan# 831

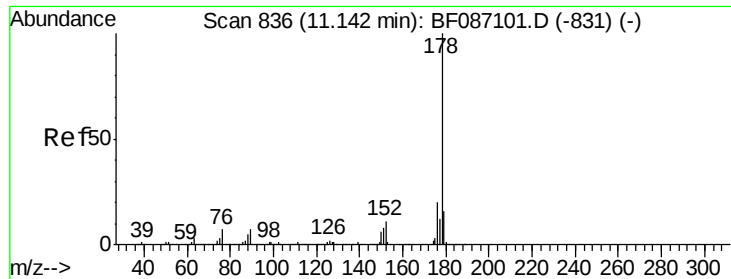
Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Tgt Ion:188 Resp: 425779
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.9 7.1 10.7#





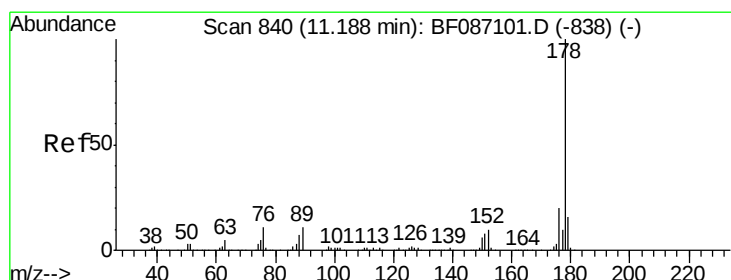
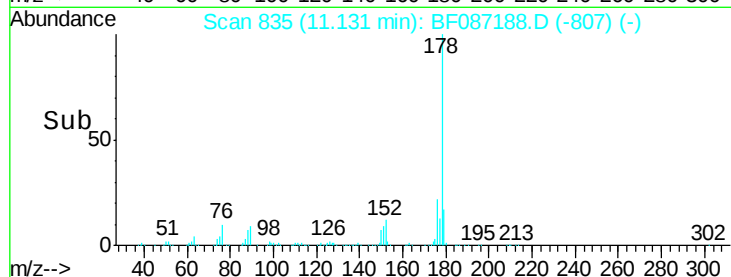
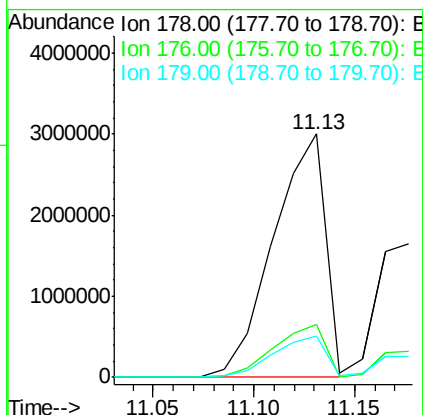
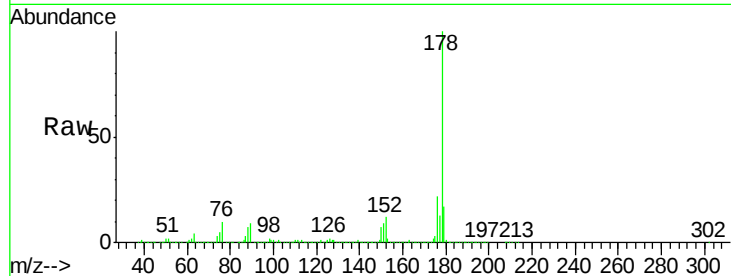
#70
Phenanthrene
Concen: 233.07 ng m
RT: 11.13 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-7

Tgt Ion:178 Resp: 5382277
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 16.9 12.6 18.8

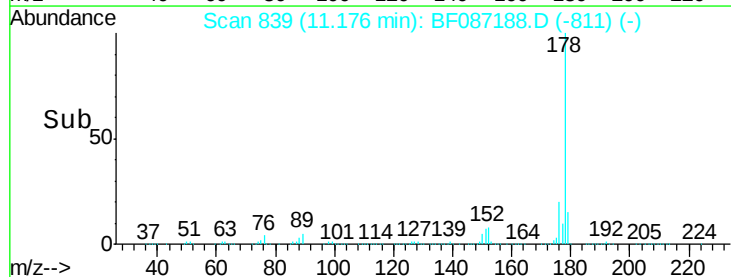
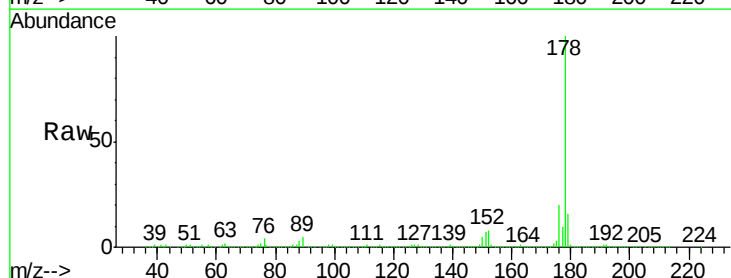
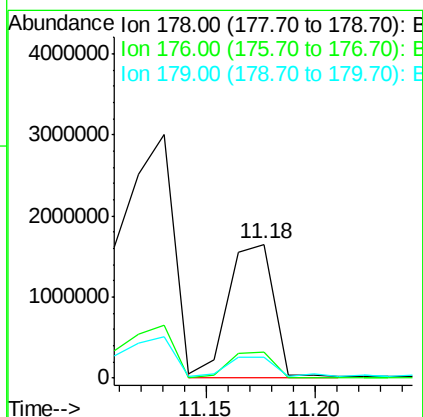
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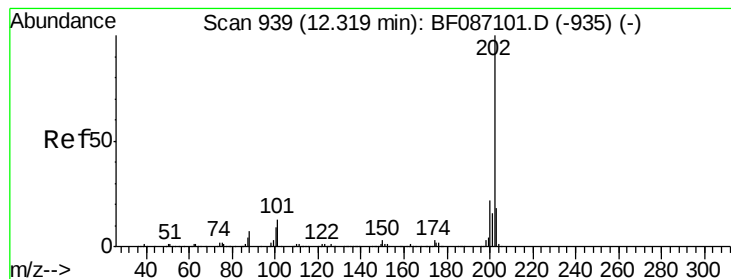
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#71
Anthracene
Concen: 103.02 ng m
RT: 11.18 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Tgt Ion:178 Resp: 2406343
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.7 19.1





#74

Fluoranthene

Concen: 96.49 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

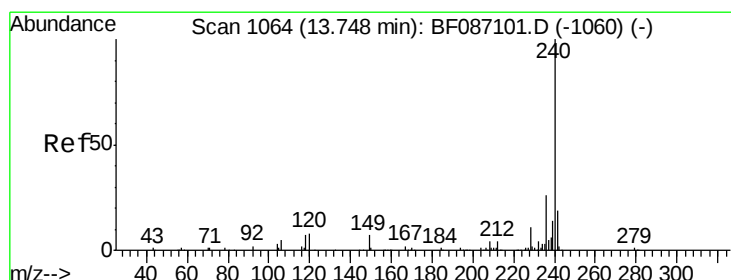
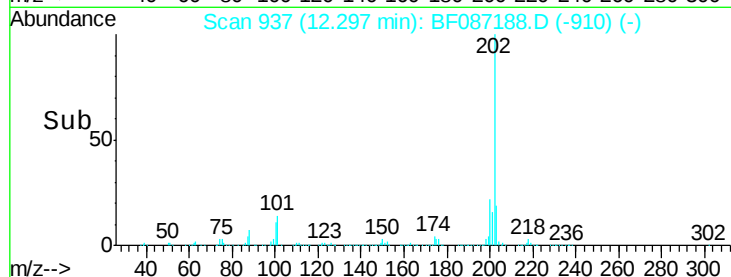
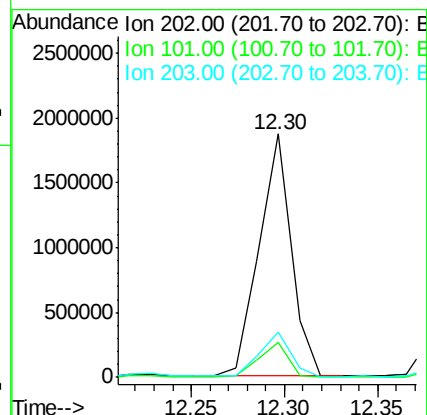
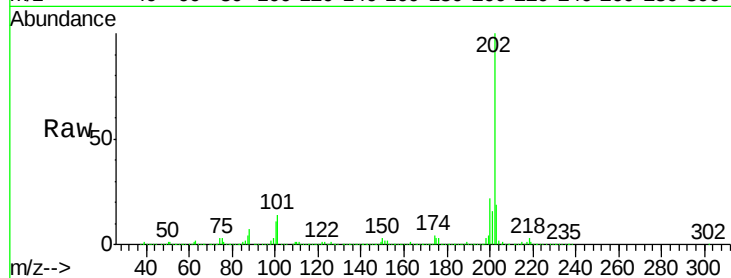
ClientSampleId :

NYSEG-CLARK-ST-ESMI-7

Tgt Ion:	202	Resp:	2232507
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	35.4
203	18.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

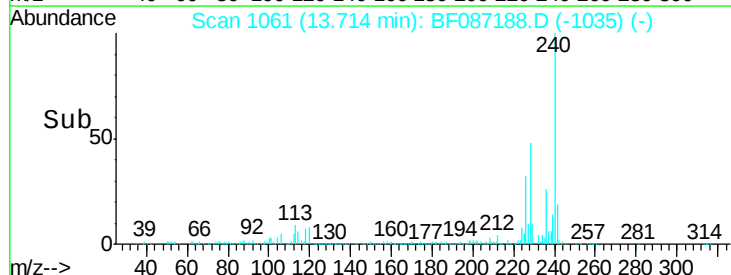
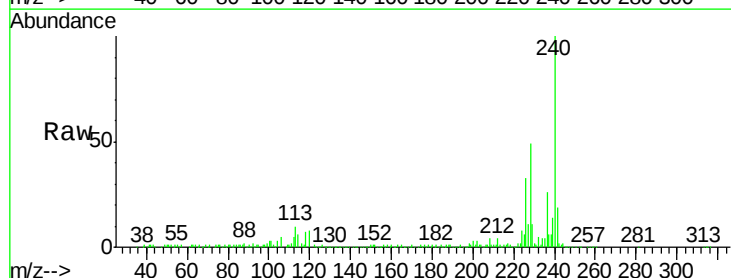
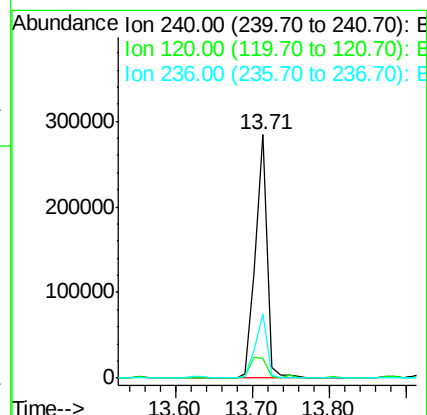
RT: 13.71 min Scan# 1061

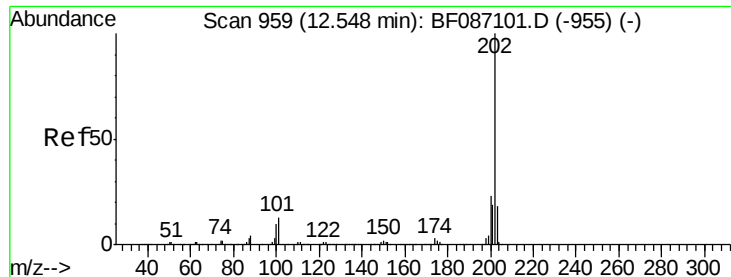
Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Tgt Ion:	240	Resp:	297042
Ion Ratio	Lower	Upper	
240	100		
120	7.8	11.2	16.8#
236	26.5	21.2	31.8





#77

Pyrene

Concen: 149.14 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-7

Tgt Ion:202 Resp: 3200478

Ion Ratio Lower Upper

202 100

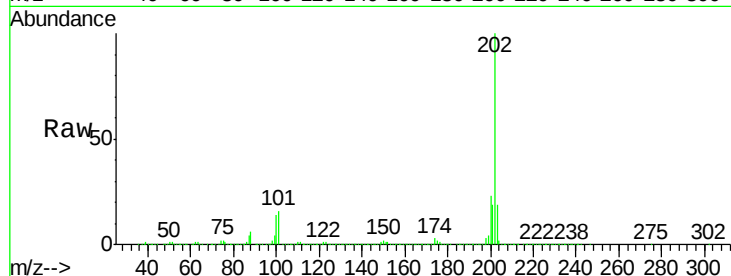
200 23.1 17.7 26.5

203 18.9 14.2 21.4

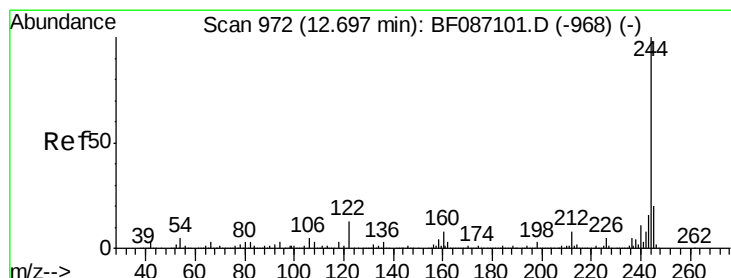
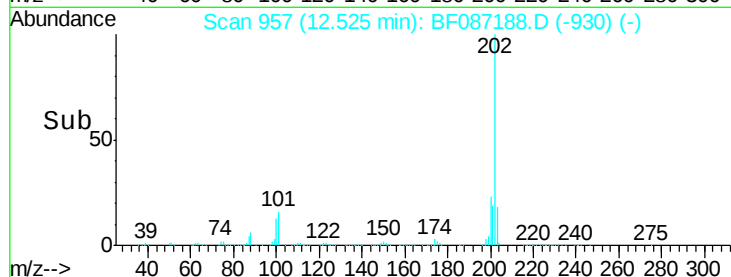
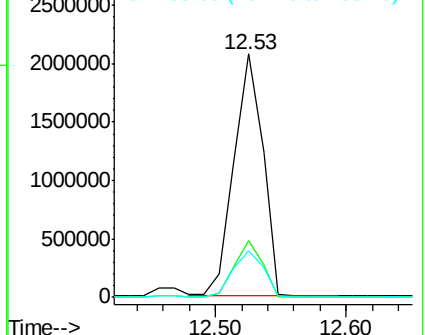
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 11.75 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

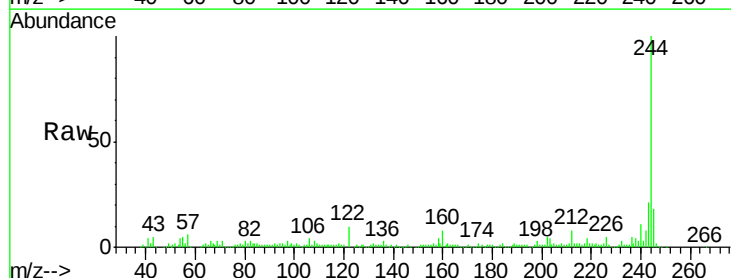
Tgt Ion:244 Resp: 154334

Ion Ratio Lower Upper

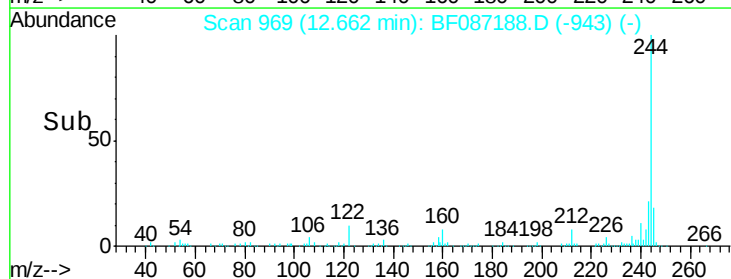
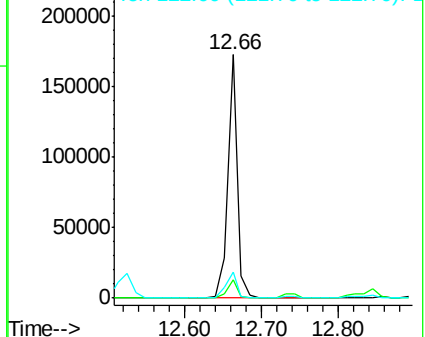
244 100

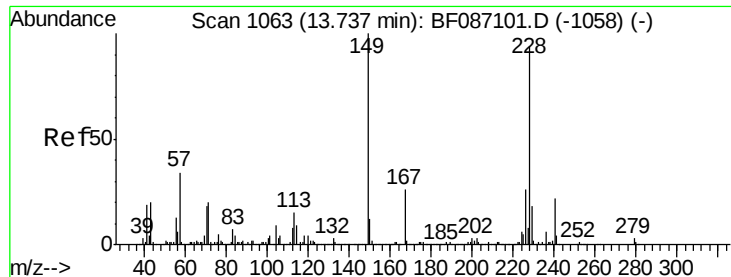
212 7.5 6.2 9.2

122 10.4 12.0 18.0#



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: 51.61 ng m

RT: 13.70 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

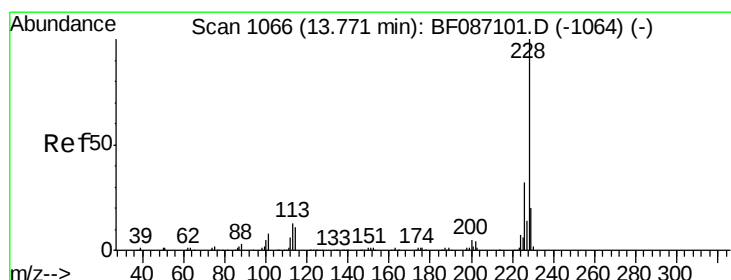
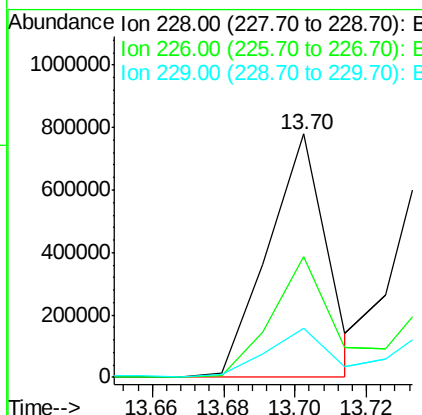
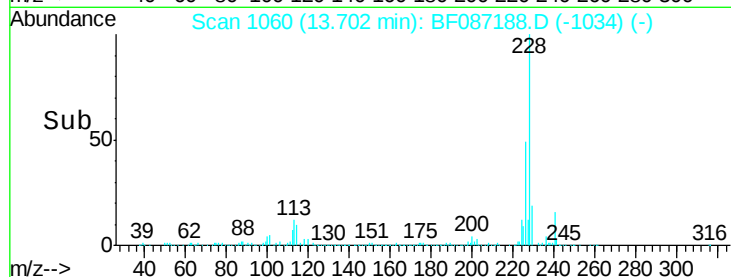
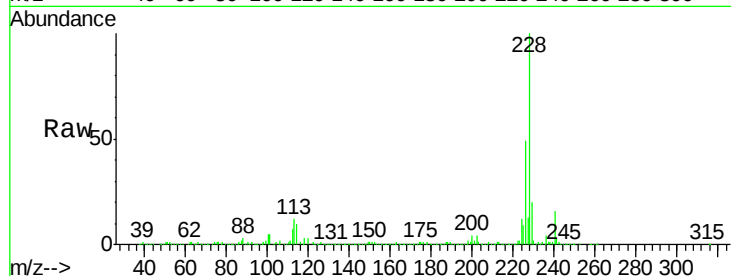
ClientSampleId :

NYSEG-CLARK-ST-ESMI-7

Tgt Ion:	228	Resp:	886362
Ion Ratio	Lower	Upper	
228	100		
226	49.5	22.5	33.7#
229	20.2	16.6	25.0

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#82

Chrysene

Concen: 46.07 ng m

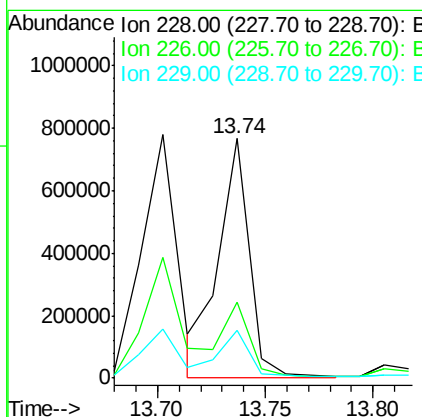
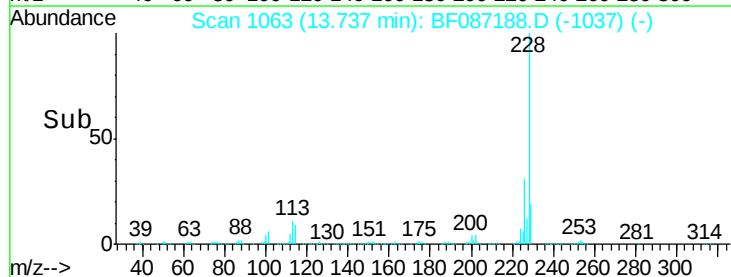
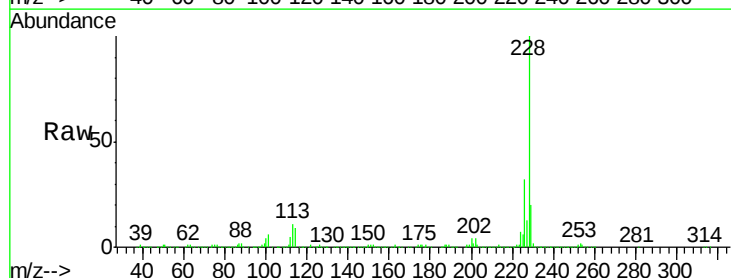
RT: 13.74 min Scan# 1063

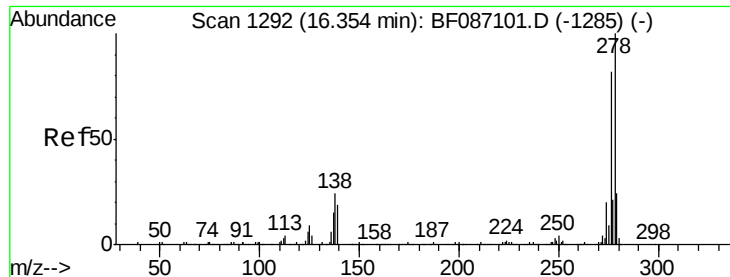
Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Tgt Ion:	228	Resp:	765611
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.4	36.6
229	20.0	15.8	23.8





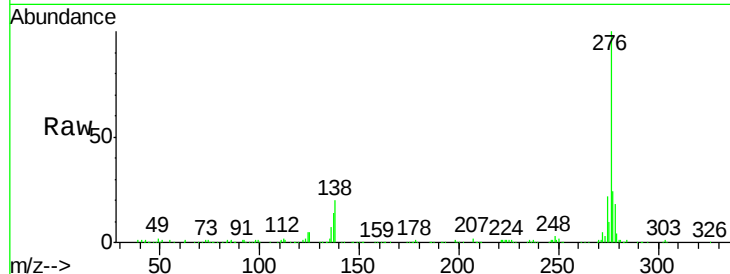
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.06 ng
RT: 16.29 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-7

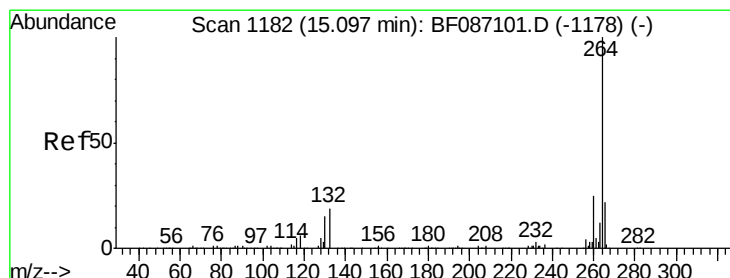
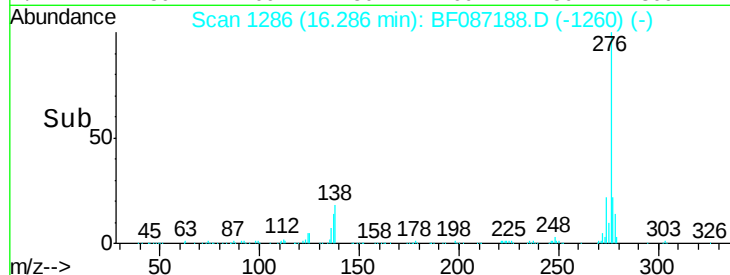
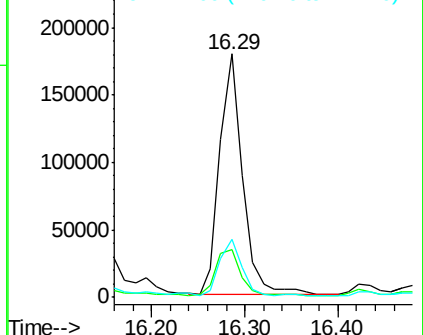
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.6	38.4#
277	23.8	20.5	30.7

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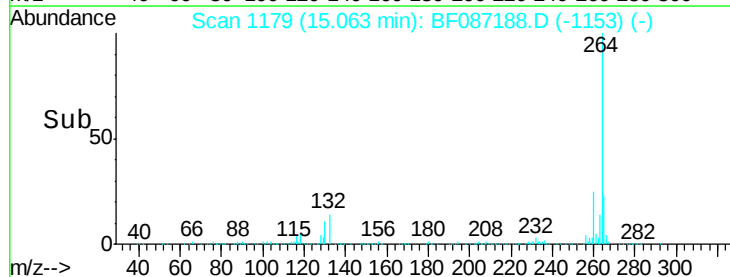
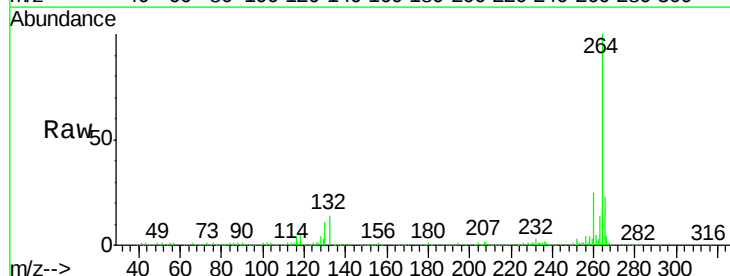
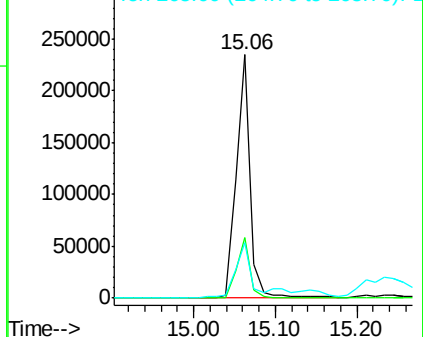
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

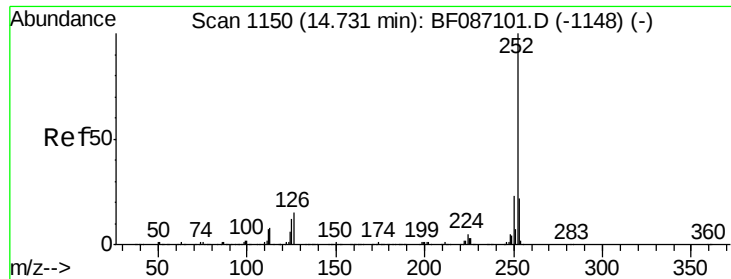


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.7	17.3	25.9

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





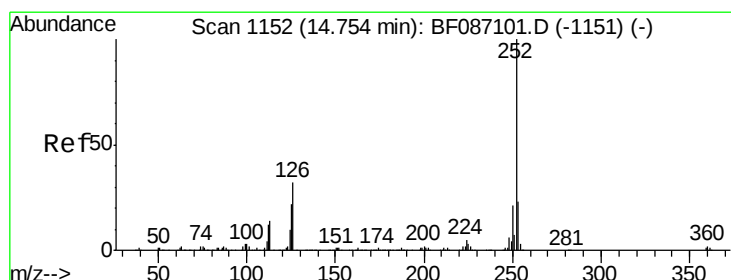
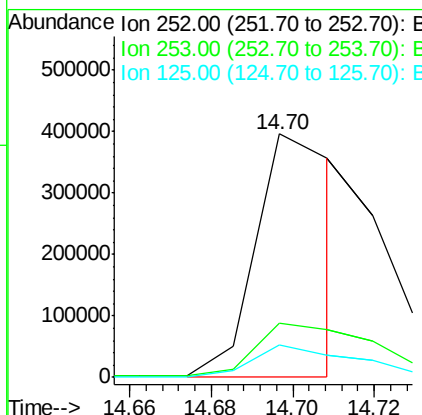
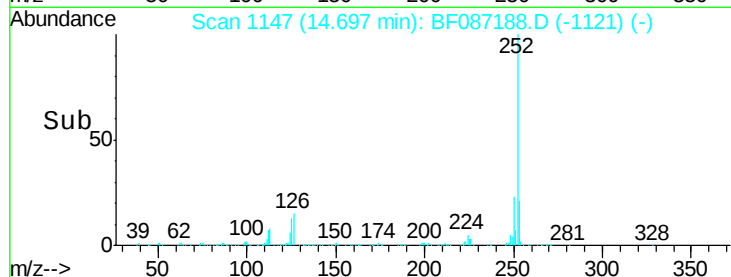
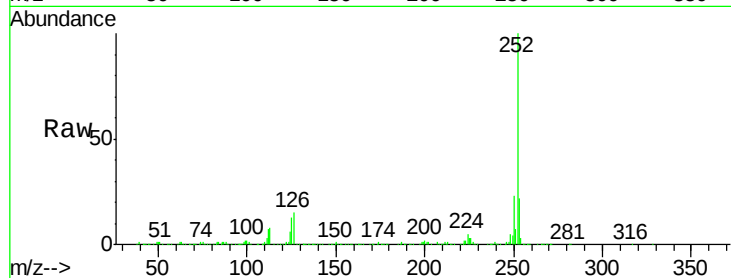
#87
Benzo(b)fluoranthene
Concen: 29.77 ng m
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.2	11.4	17.0

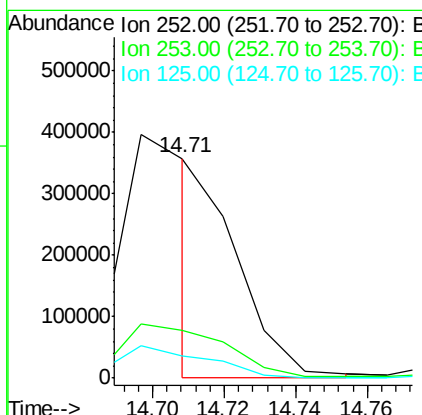
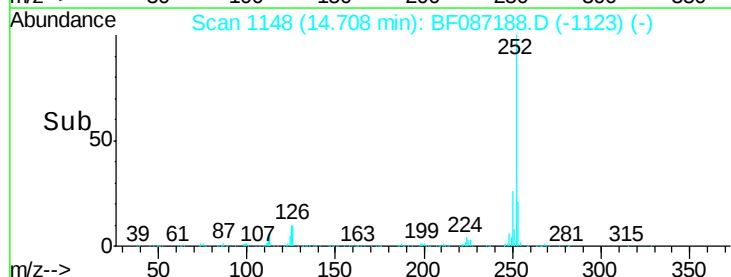
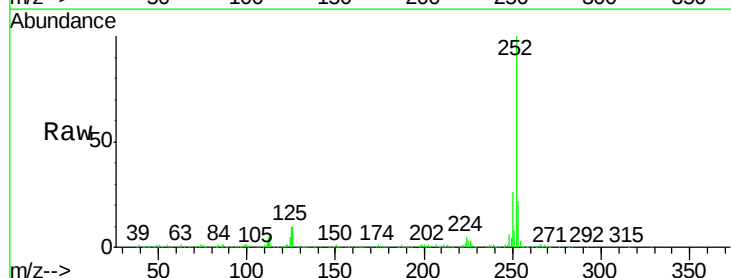
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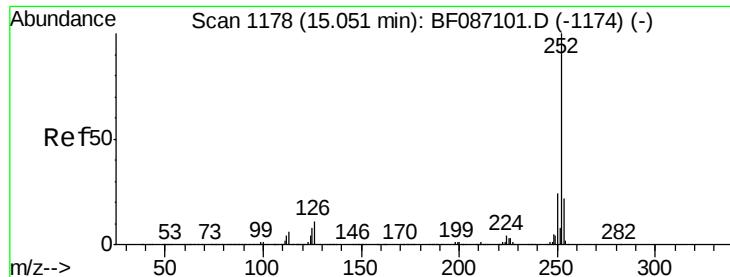
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#88
Benzo(k)fluoranthene
Concen: 17.81 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.2	9.1	13.7





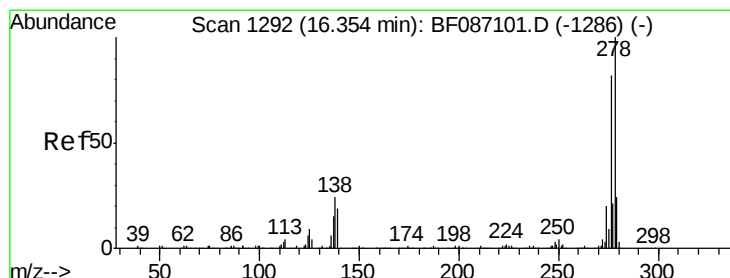
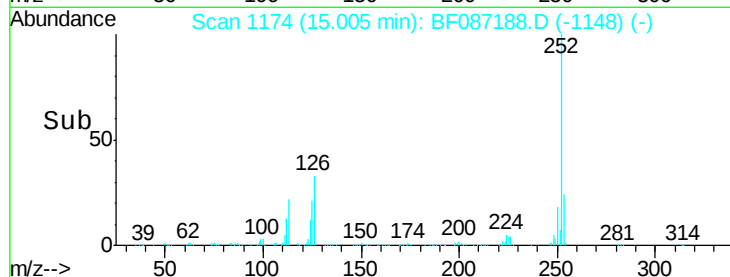
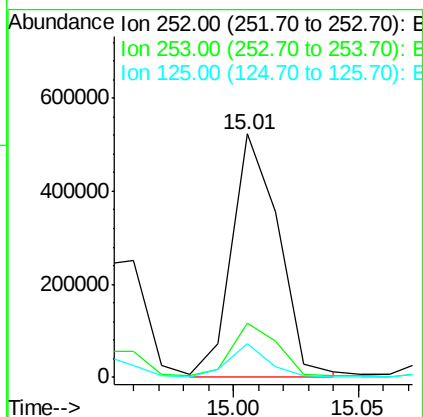
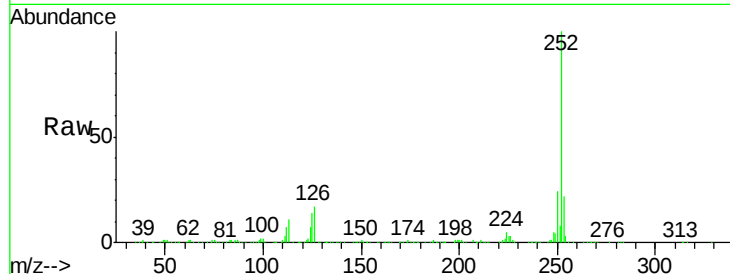
#89
Benzo(a)pyrene
Concen: 43.79 ng m
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	679579		
253	22.4	17.2	25.8	
125	13.6	9.0	13.6	

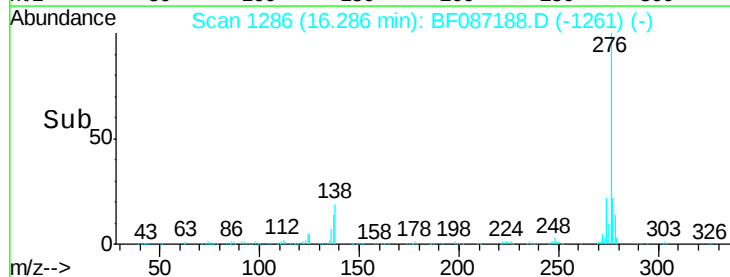
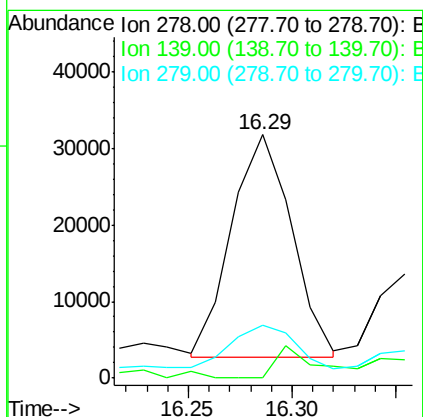
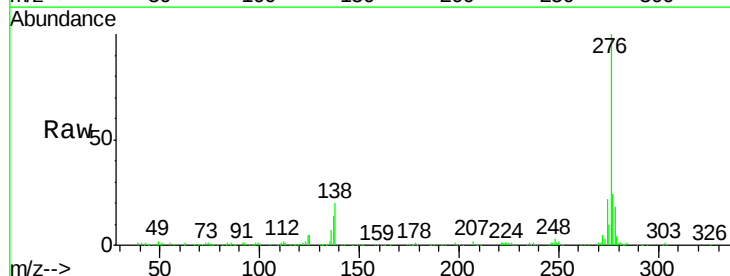
Manual Integrations
APPROVED

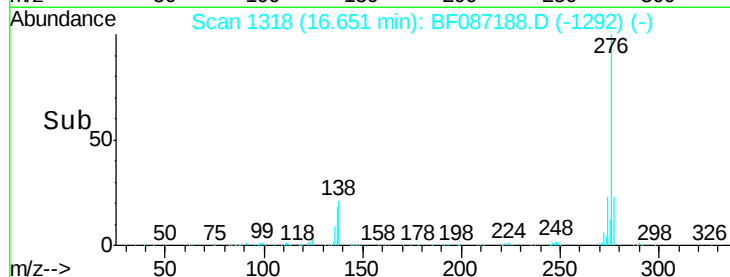
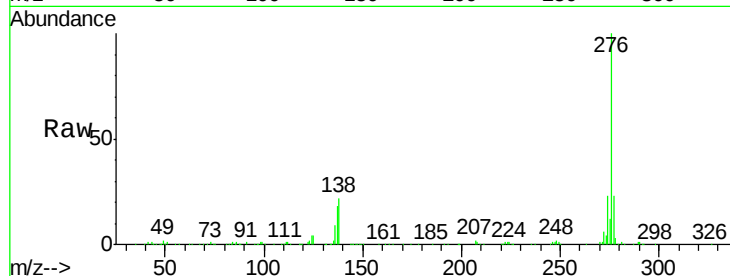
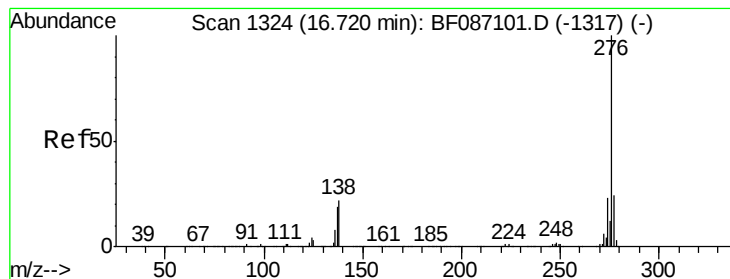
umangi
5/20/2016 7:13:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 4.51 ng m
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF087188.D
Acq: 19 May 2016 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	58931		
139	0.0	16.6	24.8	
279	21.7	19.6	29.4	





#91

Benzo(g,h,i)perylene

Concen: 26.49 ng

RT: 16.65 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF087188.D

Acq: 19 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-7

Tgt Ion: 276 Resp: 349522

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 21.6 23.6 35.4#

Manual Integrations
APPROVED

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