

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087187.D
 Acq On : 19 May 2016 14:31
 Operator : UM/SJ
 Sample : H3119-02 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Manual Integrations
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Quant Time: May 19 18:30:31 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	135793	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	506446	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	262013	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	469012	20.00	ng	0.00
75) Chrysene-d12	13.71	240	330350	20.00	ng	0.00
86) Perylene-d12	15.06	264	289470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	173928	21.53	ng	0.01
7) Phenol-d6	6.23	99	339923	31.37	ng	-0.01
23) Nitrobenzene-d5	7.14	82	231297	22.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	46380	16.02	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	398540	25.19	ng	0.00
78) Terphenyl-d14	12.66	244	350494	24.00	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.90	128	7015080	283.48	ng	# 94
37) 2-Methylnaphthalene	8.57	142	1573142	99.39	ng	# 94
45) 1,1'-Biphenyl	9.03	154	693147	31.90	ng	96
48) Acenaphthylene	9.46	152	485970	19.08	ng	# 96
49) Dimethylphthalate	9.34	163	50294	2.52	ng	100
51) Acenaphthene	9.64	154	1684110	105.84	ng	99
54) Dibenzofuran	9.80	168	200360m	9.74	ng	
57) Fluorene	10.16	166	1323596	80.07	ng	98
70) Phenanthrene	11.13	178	5332810m	209.64	ng	
71) Anthracene	11.18	178	3200053m	124.37	ng	
74) Fluoranthene	12.30	202	2226985	87.38	ng	97
77) Pyrene	12.53	202	3073199	128.77	ng	98
80) Benzo(a)anthracene	13.70	228	868025m	45.44	ng	
82) Chrysene	13.74	228	785516m	42.50	ng	
85) Indeno(1,2,3-cd)pyrene	16.29	276	289736m	17.86	ng	
87) Benzo(b)fluoranthene	14.70	252	515307m	26.83	ng	
88) Benzo(k)fluoranthene	14.71	252	241127m	16.87	ng	
89) Benzo(a)pyrene	15.01	252	638153m	39.75	ng	
90) Dibenzo(a,h)anthracene	16.29	278	55697m	4.12	ng	
91) Benzo(g,h,i)perylene	16.65	276	328837	24.09	ng	# 92

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

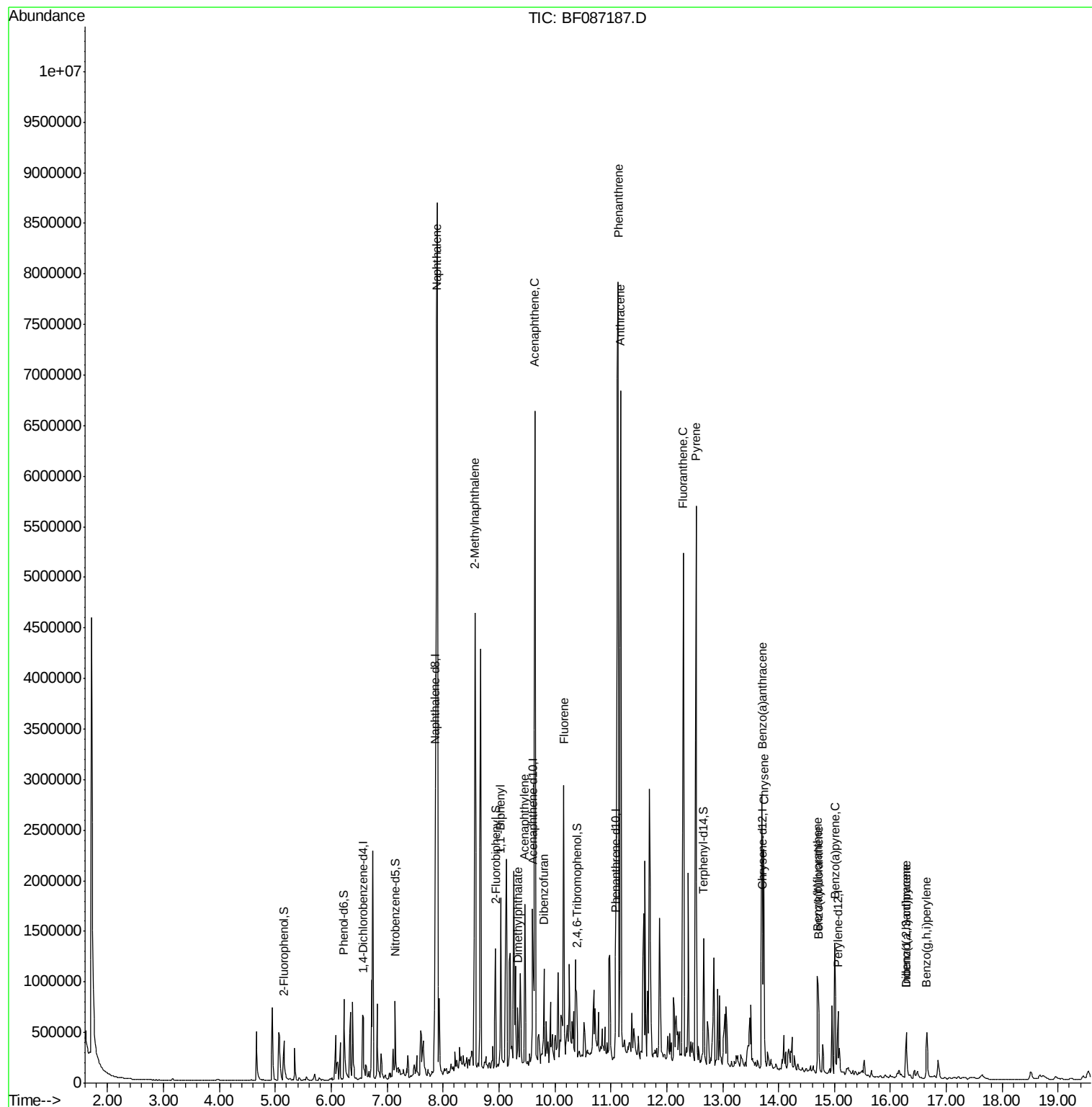
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
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Quant Time: May 19 18:30:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

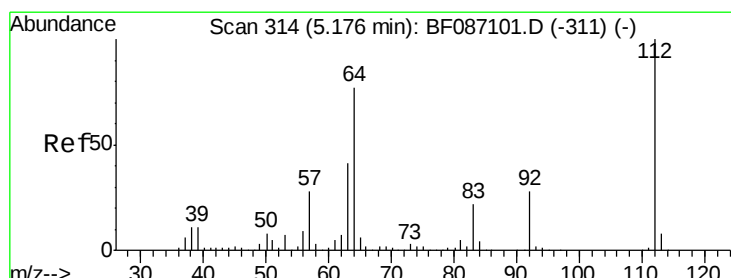
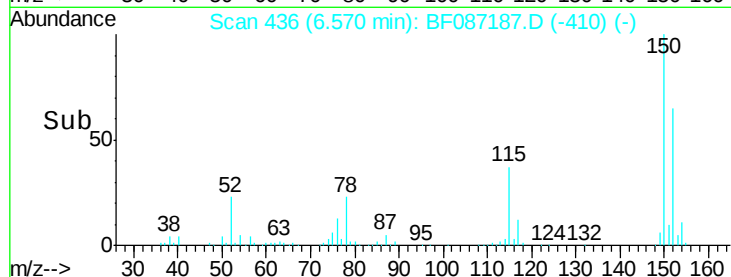
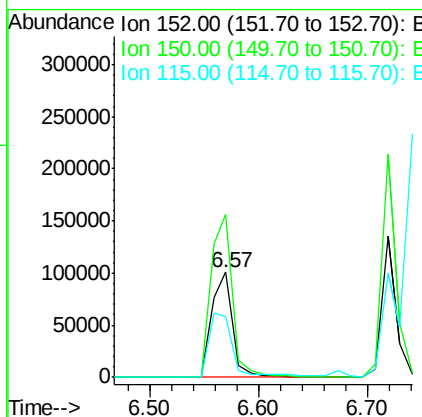
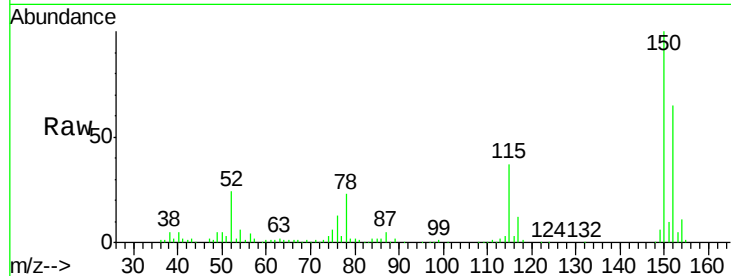
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	135793		
150	155.0	125.8	188.6	
115	57.5	51.5	77.3	

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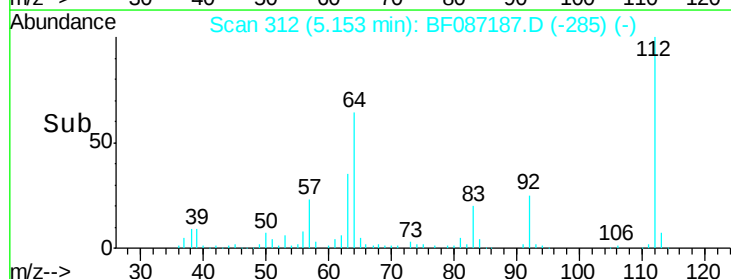
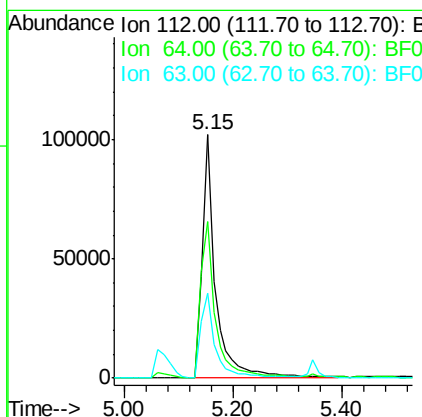
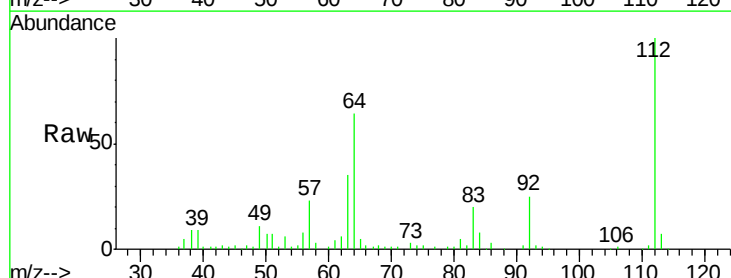
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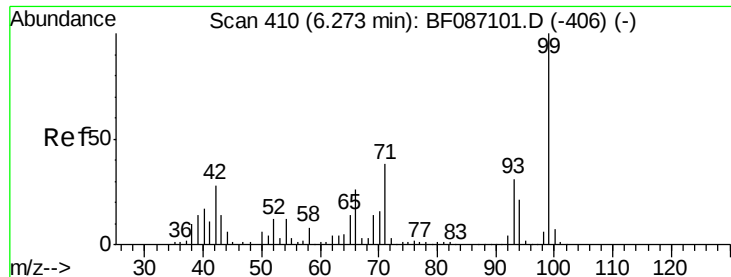


#5

2-Fluorophenol
 Concen: 21.53 ng
 RT: 5.15 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	173928		
64	64.4	52.1	78.1	
63	34.9	25.7	38.5	





#7

Phenol-d6

Concen: 31.37 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-8

Tgt Ion: 99 Resp: 339923

Ion Ratio Lower Upper

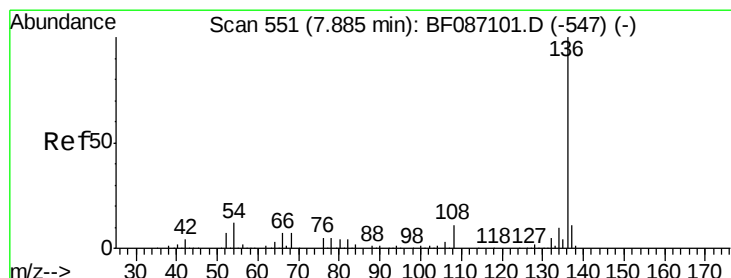
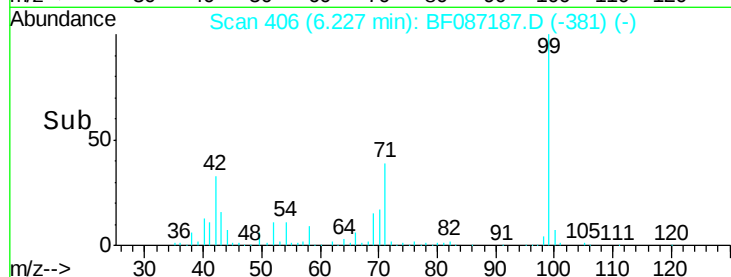
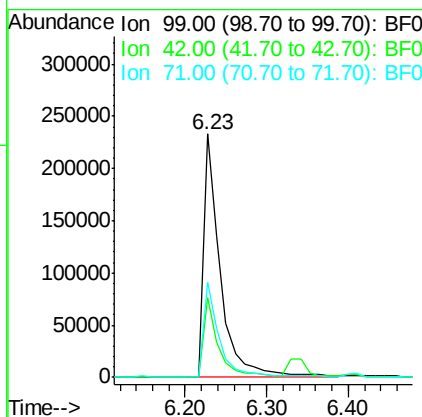
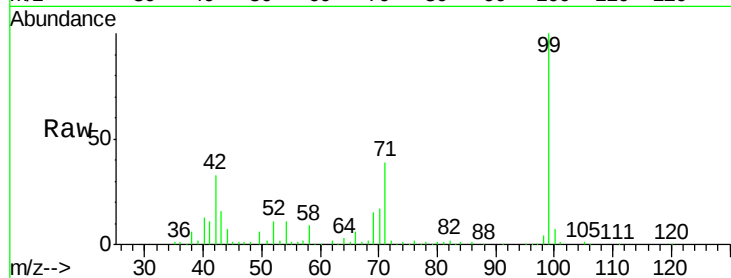
99 100

42 32.8 13.6 20.4#

71 39.3 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: BF087187.D

Acq: 19 May 2016 14:31

Tgt Ion: 136 Resp: 506446

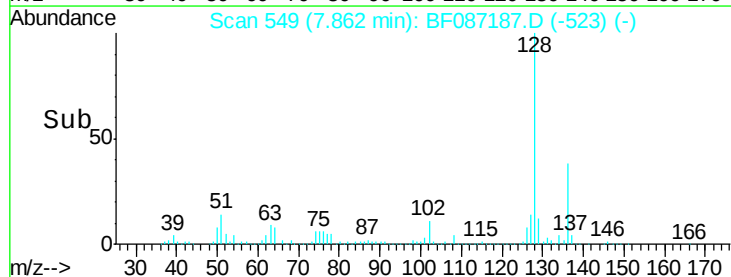
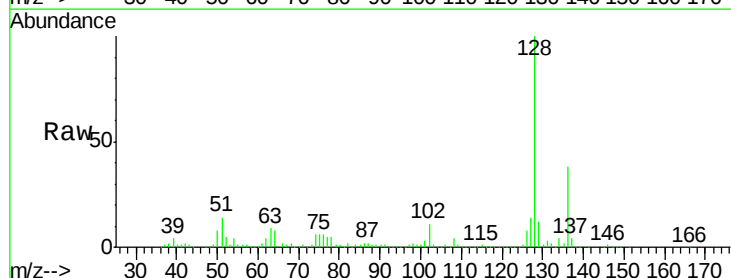
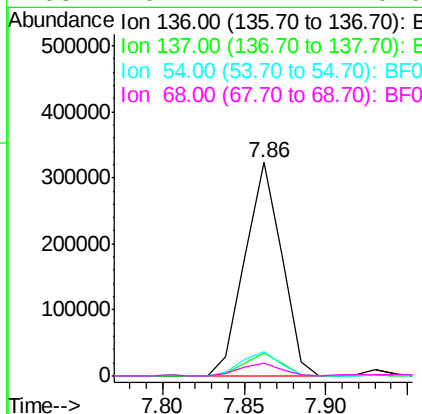
Ion Ratio Lower Upper

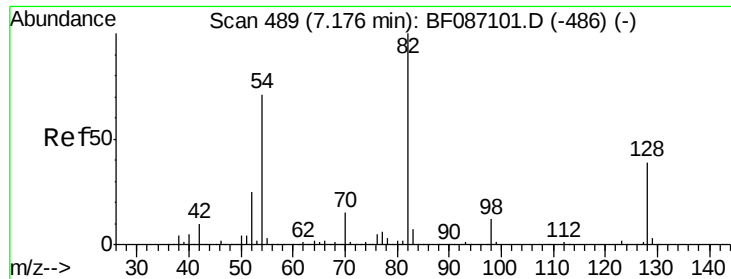
136 100

137 10.8 8.8 13.2

54 11.6 5.0 7.4#

68 6.1 4.4 6.6





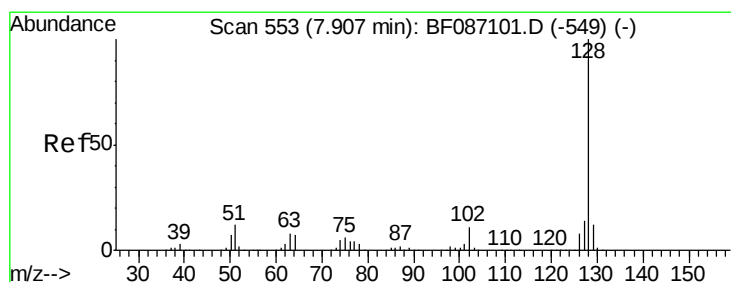
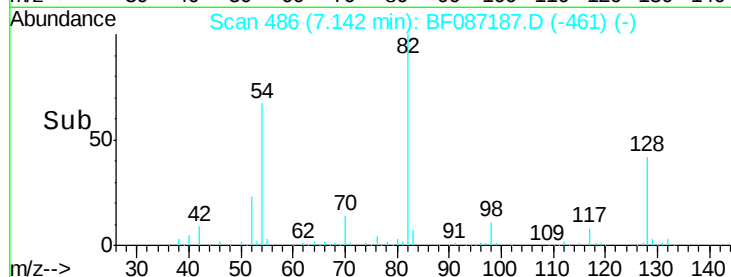
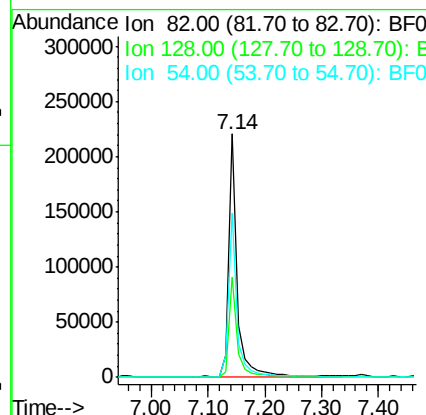
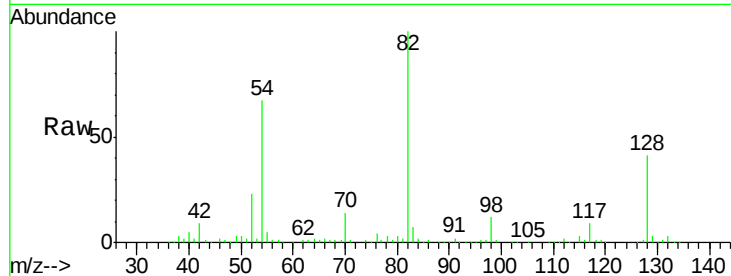
#23
 Nitrobenzene-d5
 Concen: 22.76 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	231297		
128	41.4	40.6	61.0	
54	67.3	38.1	57.1#	

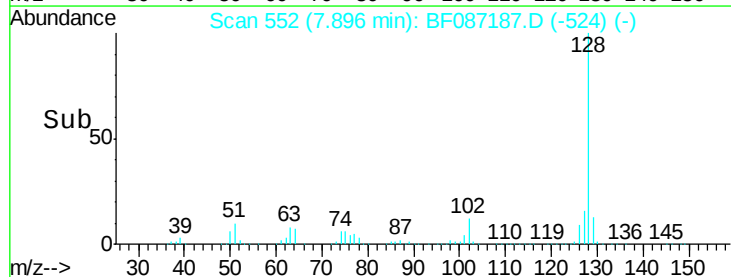
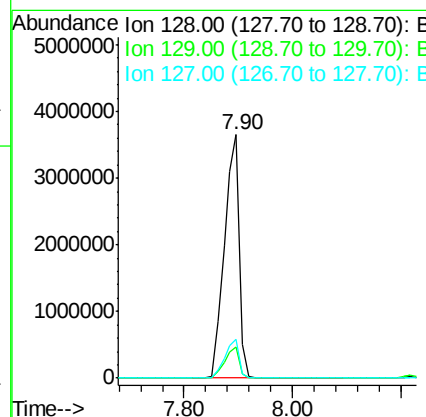
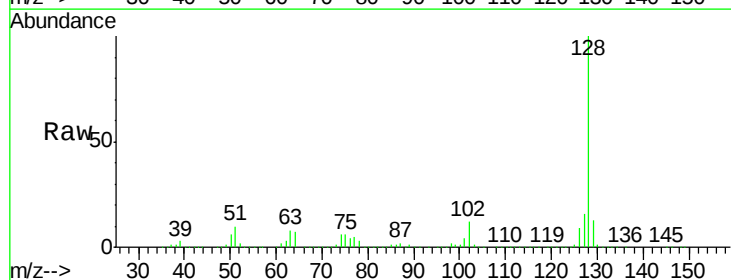
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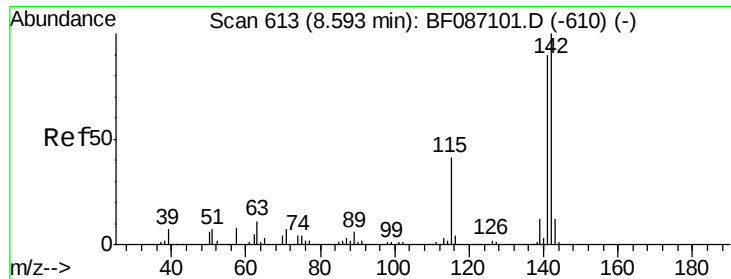
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#31
 Naphthalene
 Concen: 283.48 ng
 RT: 7.90 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	7015080		
129	13.0	8.6	13.0#	
127	16.2	10.8	16.2	





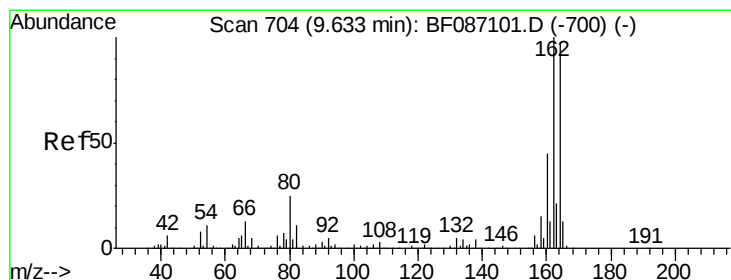
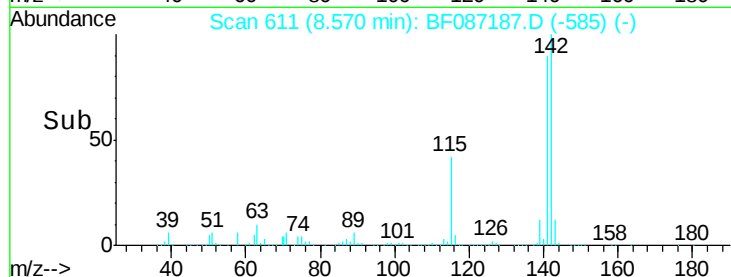
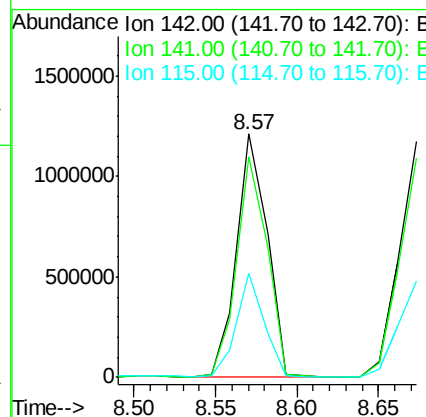
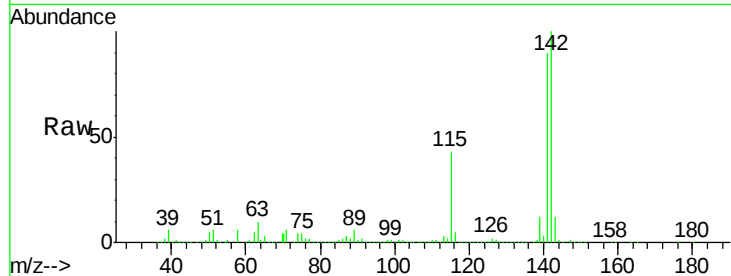
#37
 2-Methylnaphthalene
 Concen: 99.39 ng
 RT: 8.57 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	42.5	26.6	39.8

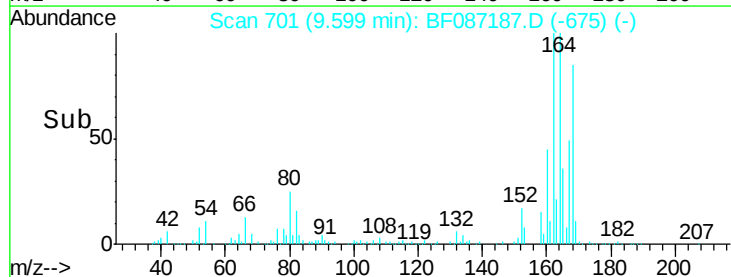
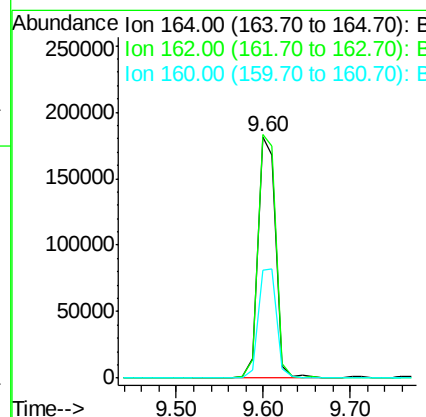
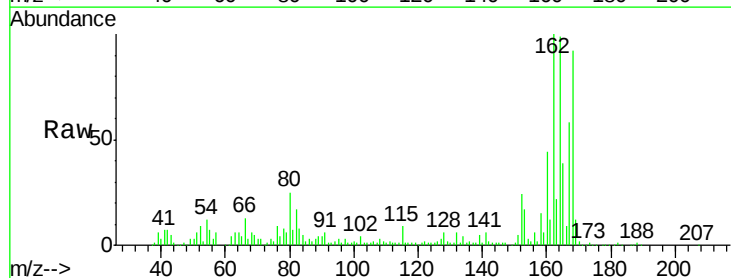
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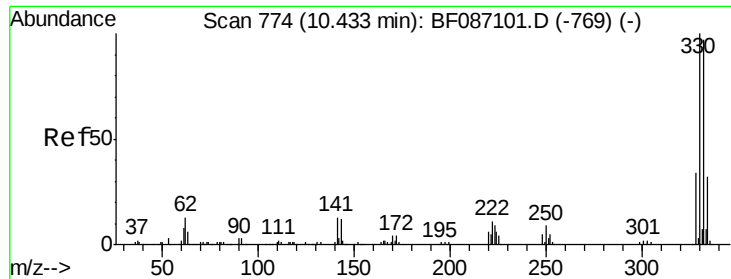
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.8	124.2
160	44.9	36.9	55.3





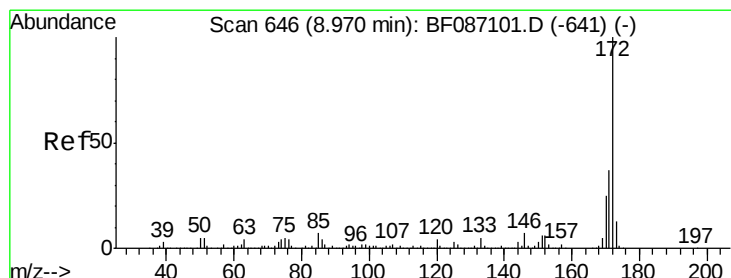
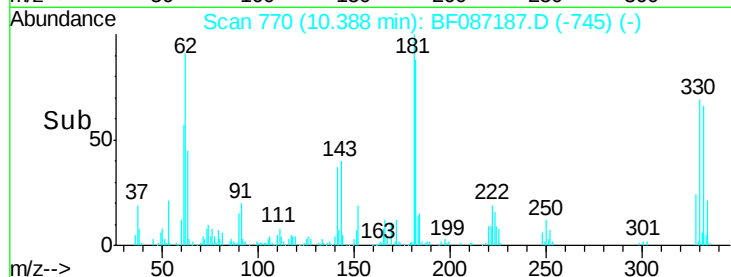
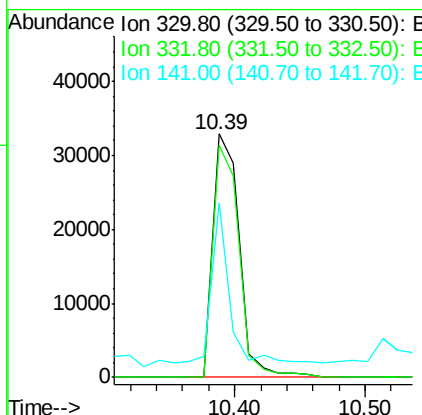
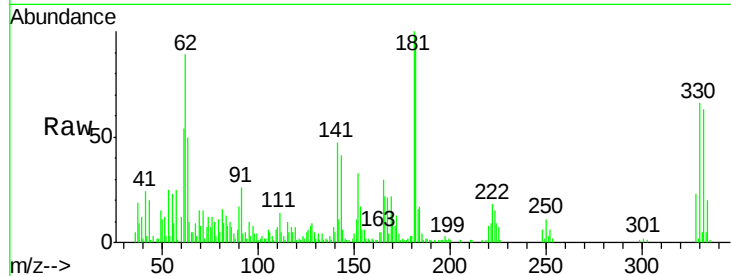
#41
 2,4,6-Tribromophenol
 Concen: 16.02 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	46380		
332	95.1	79.0	118.4	
141	43.0	31.2	46.8	

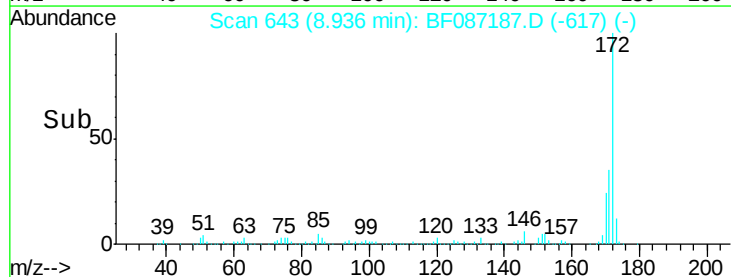
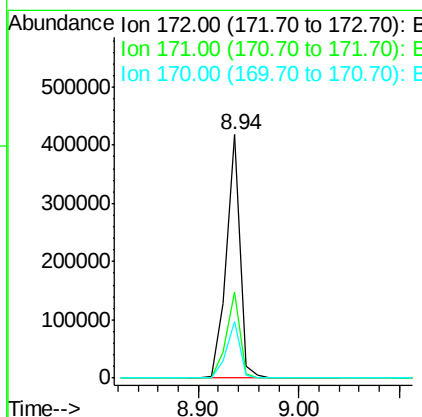
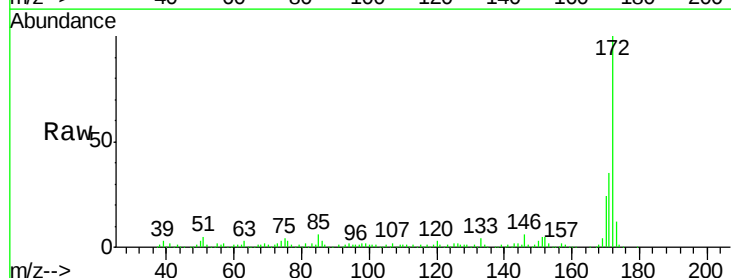
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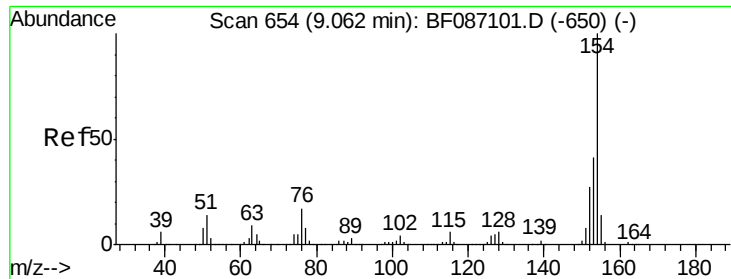
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#44
 2-Fluorobiphenyl
 Concen: 25.19 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	398540		
171	35.2	29.0	43.6	
170	23.5	19.8	29.8	





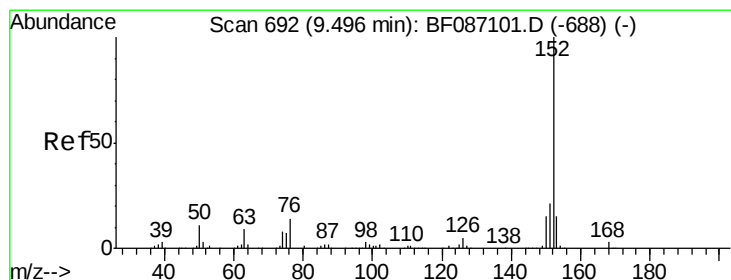
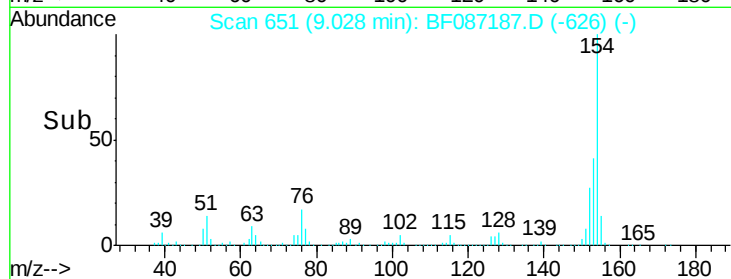
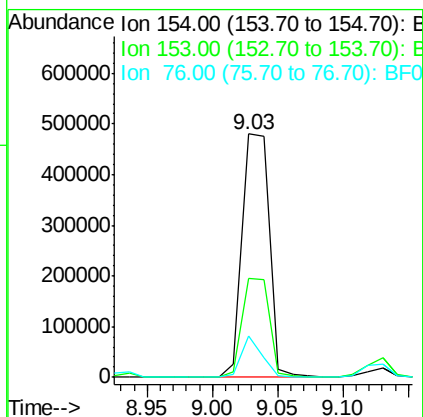
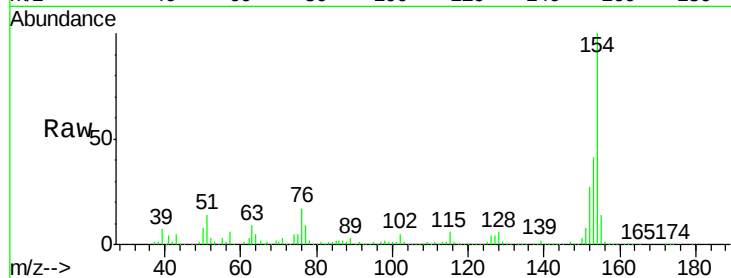
#45
1,1'-Biphenyl
Concen: 31.90 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	693147		
153	40.9	20.3	60.3	
76	17.0	0.0	30.2	

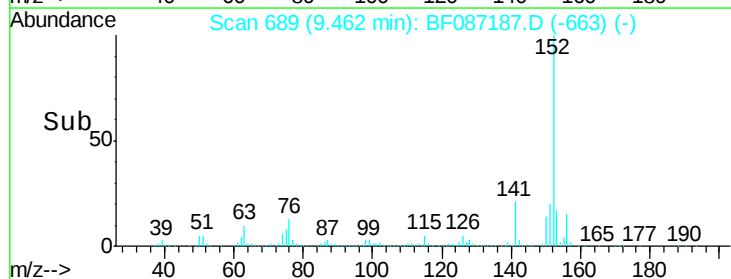
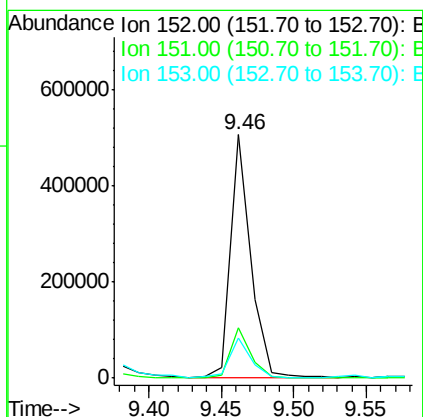
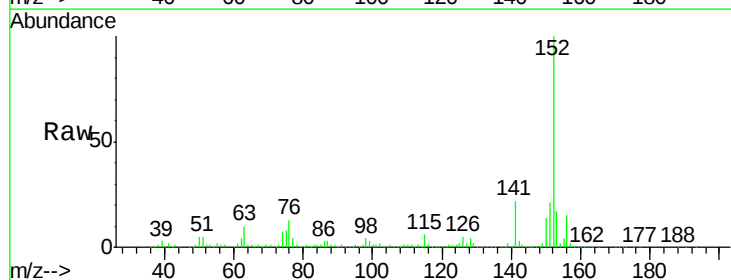
Manual Integrations
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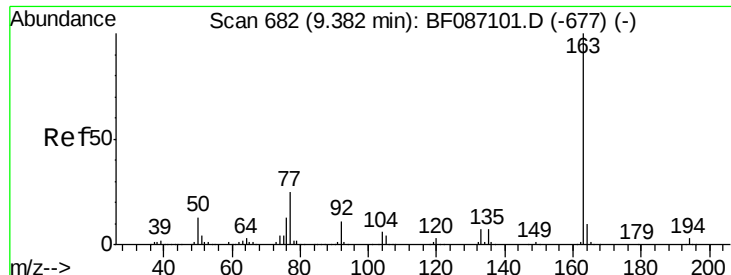
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#48
Acenaphthylene
Concen: 19.08 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	485970		
151	20.5	16.8	25.2	
153	16.7	10.9	16.3	





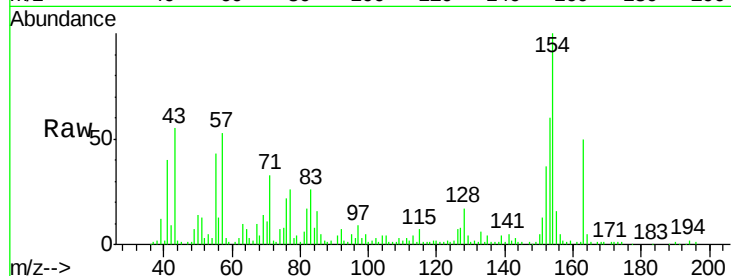
#49
Dimethylphthalate
Concen: 2.52 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	50294		
194	3.2	2.6	4.0	
164	10.3	8.2	12.4	

Manual Integrations
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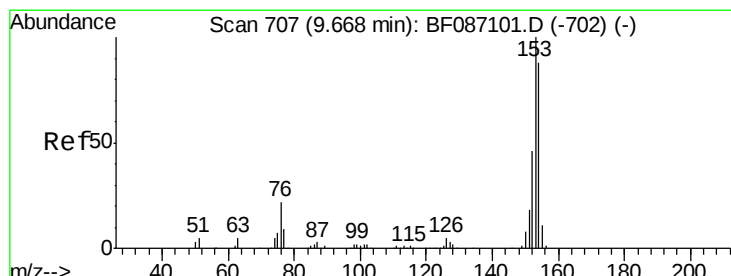
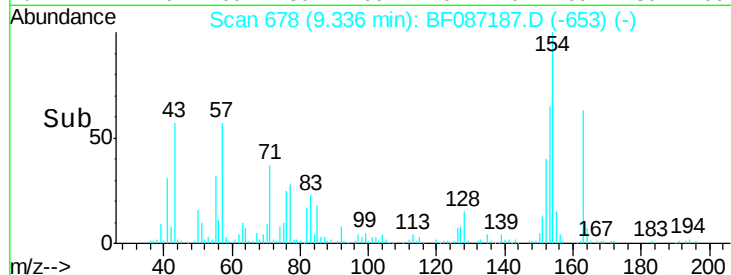
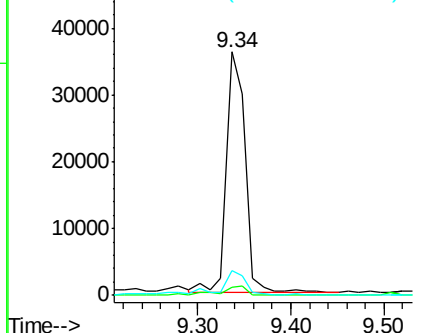


Abundance

Ion 163.00 (162.70 to 163.70): E

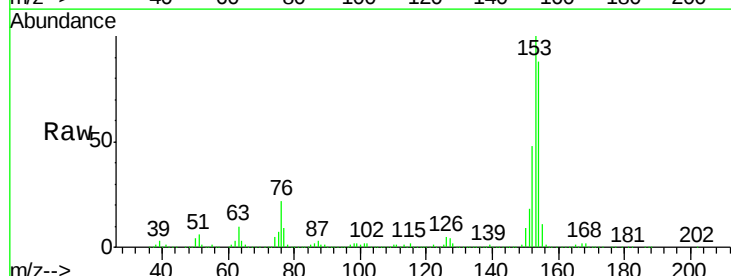
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
Acenaphthene
Concen: 105.84 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1684110		
153	113.7	89.8	134.6	
152	54.7	43.4	65.0	

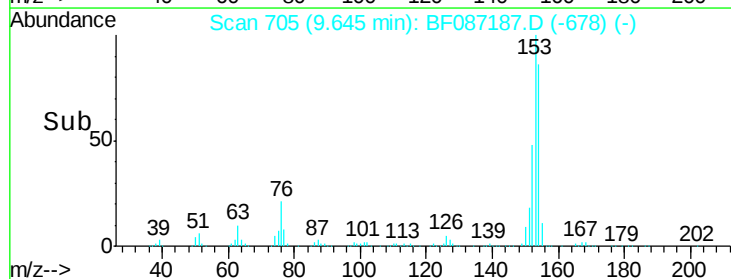
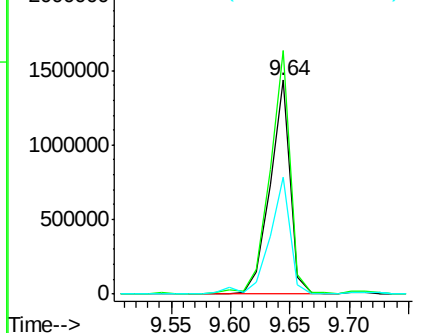


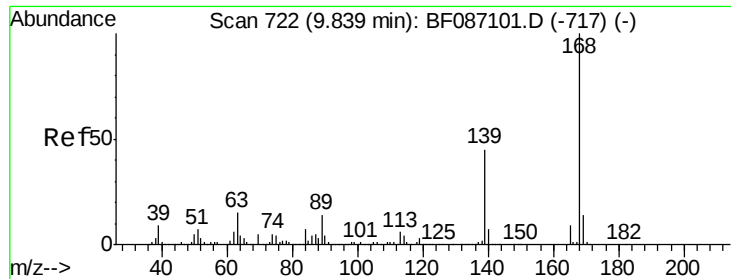
Abundance

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





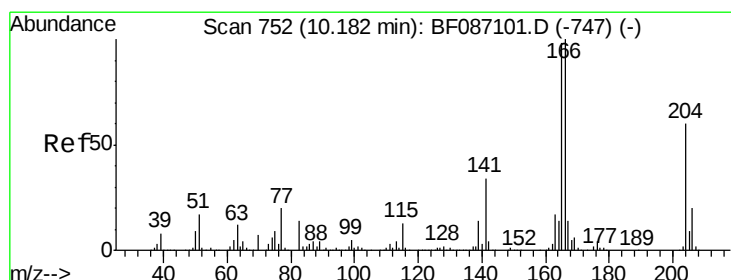
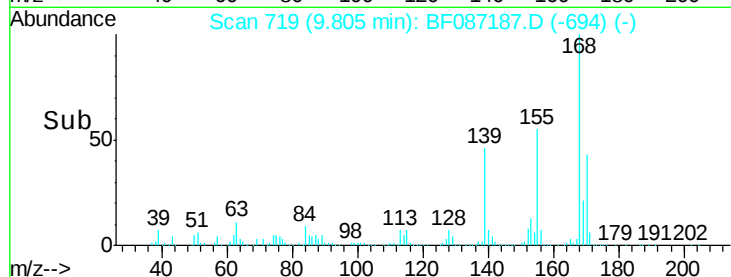
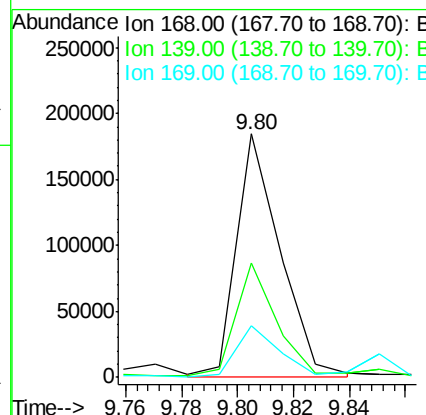
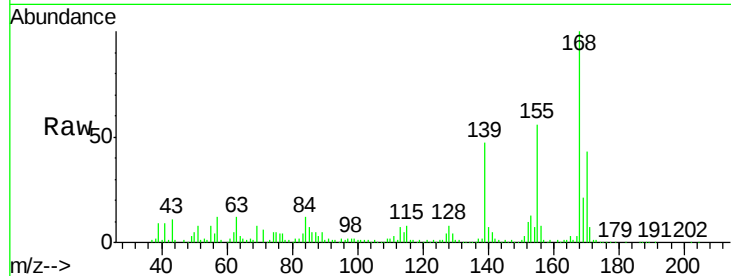
#54
Dibenzenofuran
Concen: 9.74 ng m
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	46.8	31.4	47.0
169	21.0	10.7	16.1#

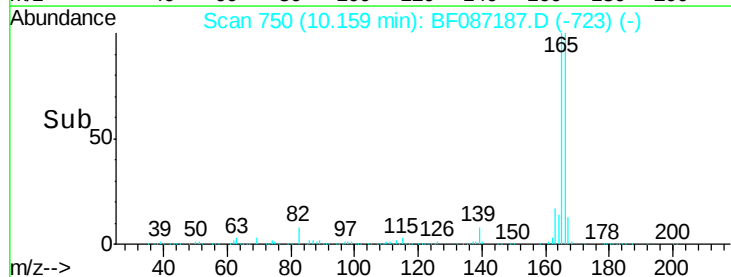
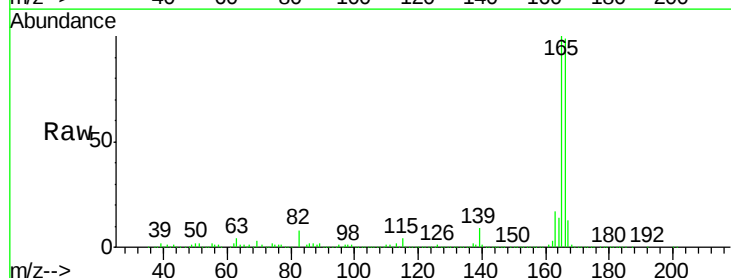
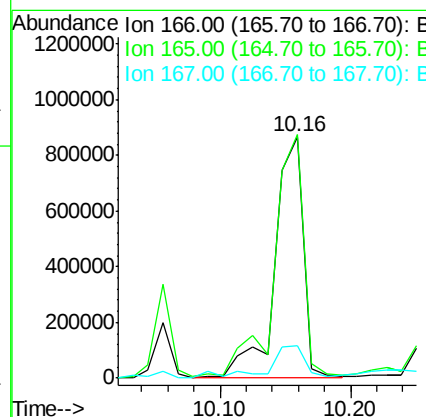
Manual Integrations
APPROVED

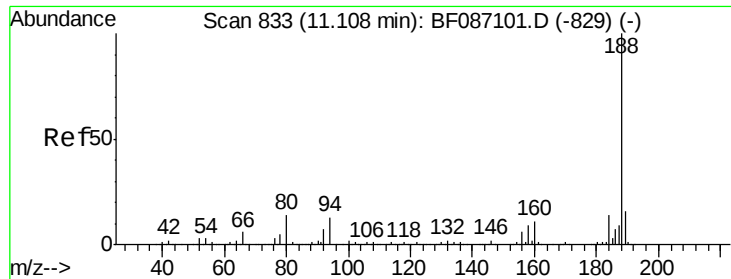
umangi
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#57
Fluorene
Concen: 80.07 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp 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: 11.08 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Instrument :

BNA_F

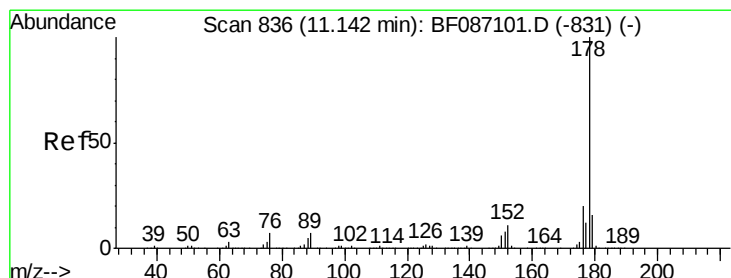
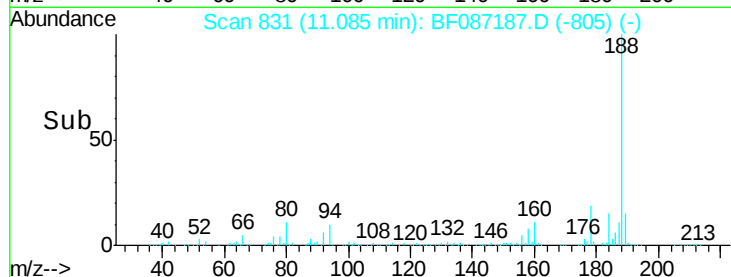
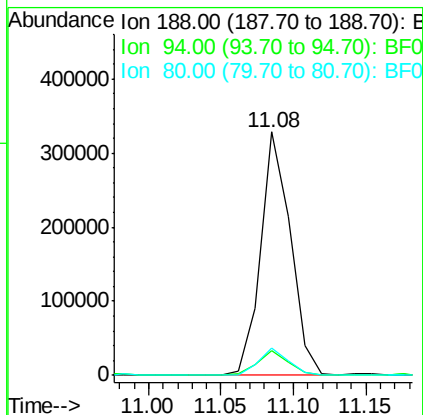
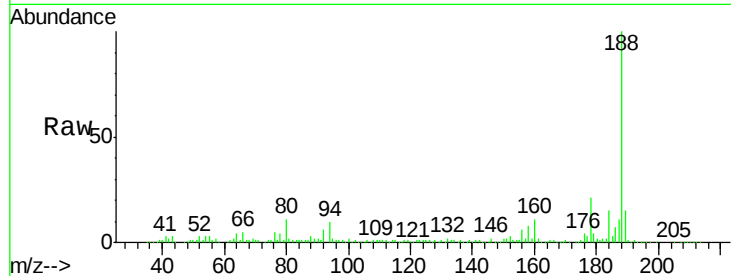
ClientSampleId :

NYSEG-CLARK-ST-ESMI-8

Tgt Ion:	188	Resp:	469012
Ion Ratio	Lower	Upper	
188	100		
94	10.2	6.8	10.2#
80	11.1	7.1	10.7#

Manual Integrations
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#70

Phenanthrene

Concen: 209.64 ng m

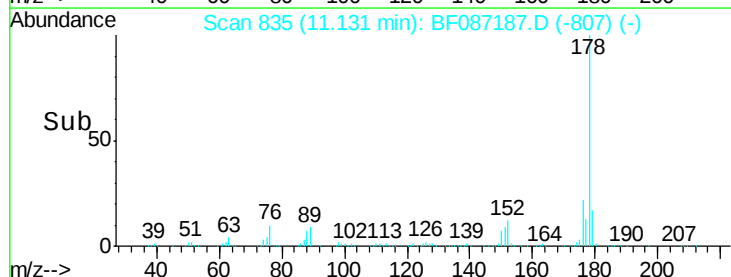
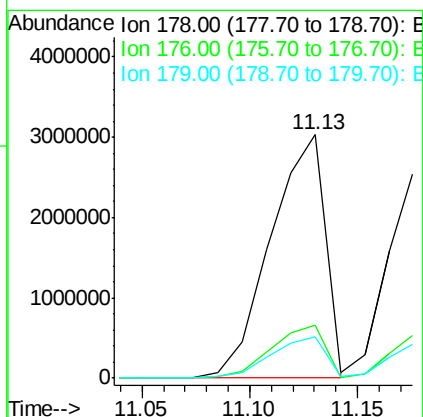
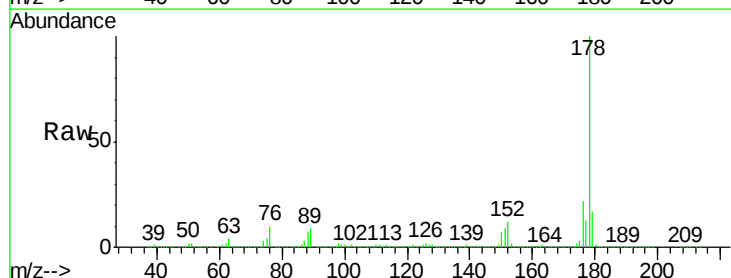
RT: 11.13 min Scan# 835

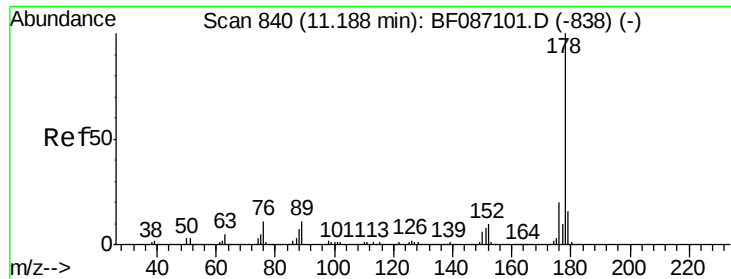
Delta R.T. 0.02 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Tgt Ion:	178	Resp:	5332810
Ion Ratio	Lower	Upper	
178	100		
176	21.9	16.0	24.0
179	16.8	12.6	18.8





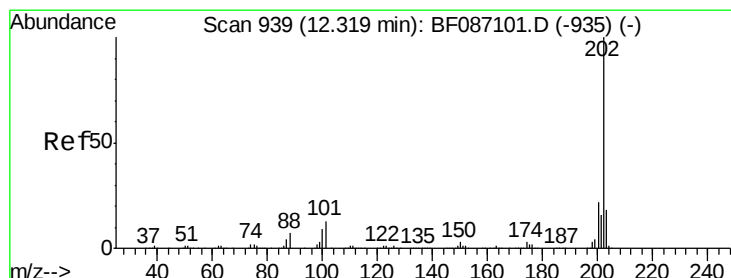
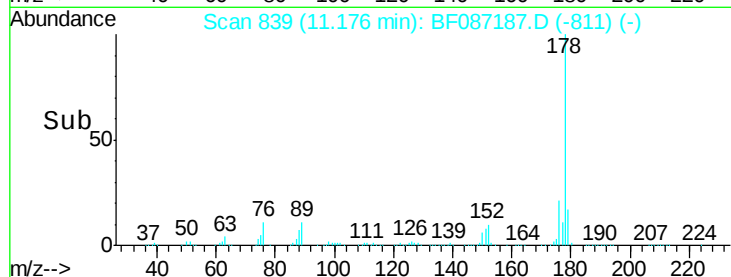
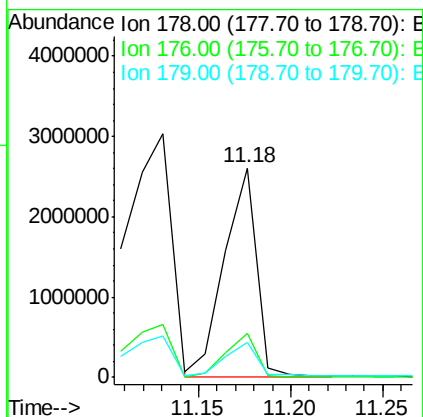
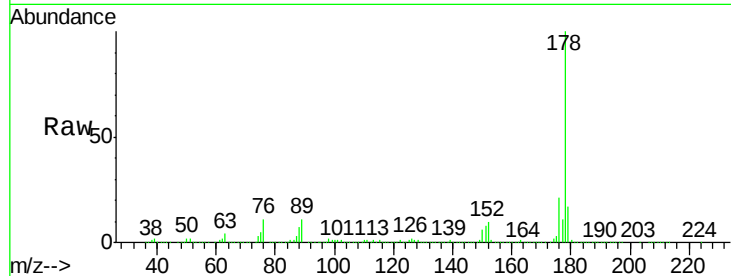
#71
 Anthracene
 Concen: 124.37 ng m
 RT: 11.18 min Scan# 839
 Delta R.T. 0.02 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Tgt Ion:178 Resp: 3200053
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.6 23.4
 179 16.8 12.7 19.1

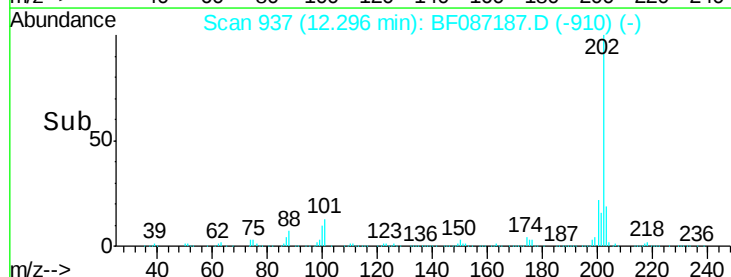
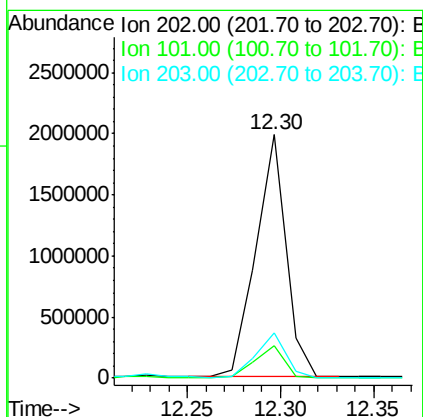
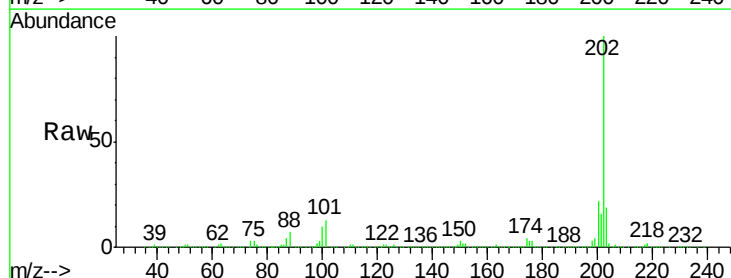
Manual Integrations
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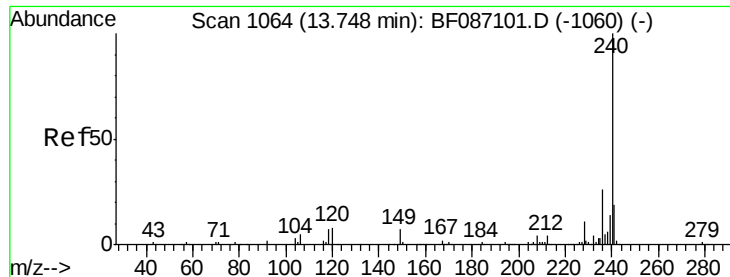
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#74
 Fluoranthene
 Concen: 87.38 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Tgt Ion:202 Resp: 2226985
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 35.4
 203 18.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Instrument :

BNA_F

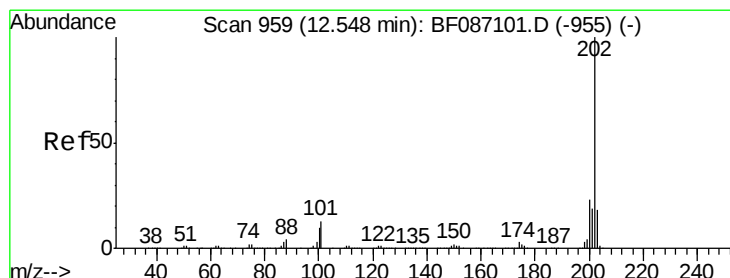
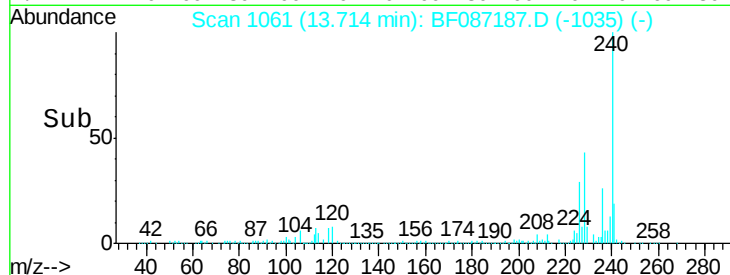
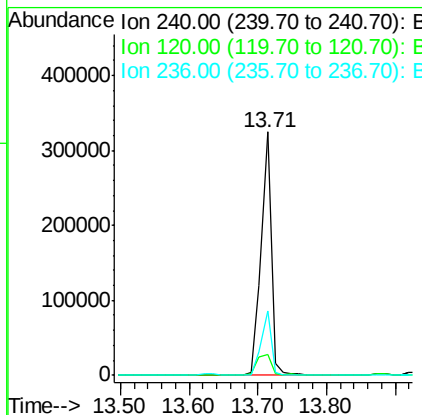
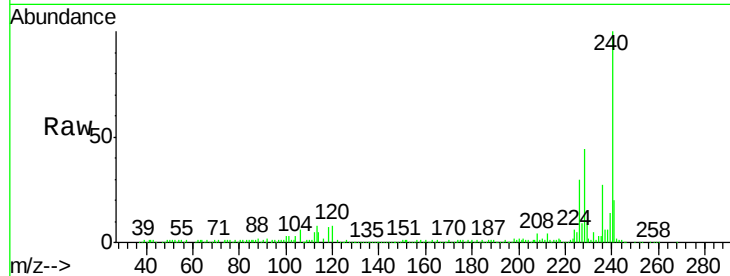
ClientSampleId :

NYSEG-CLARK-ST-ESMI-8

Tgt Ion:	240	Resp:	330350
Ion Ratio		Lower	Upper
240	100		
120	8.3	11.2	16.8#
236	26.5	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 128.77 ng

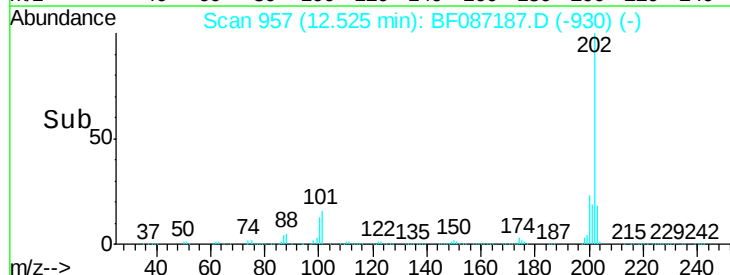
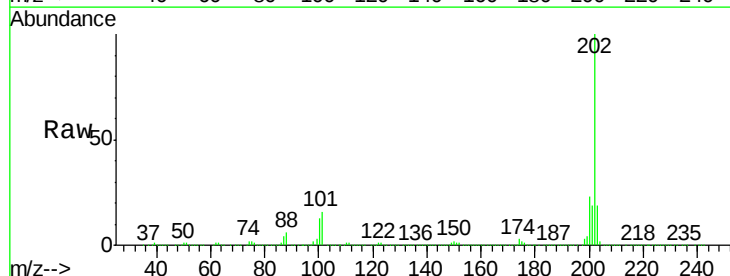
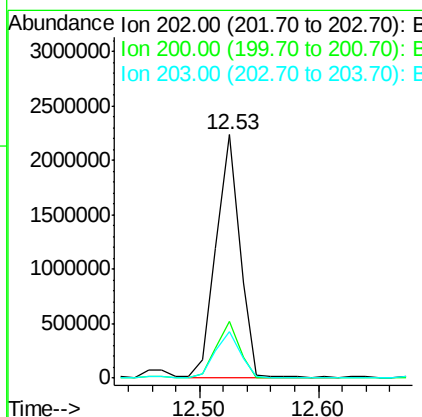
RT: 12.53 min Scan# 957

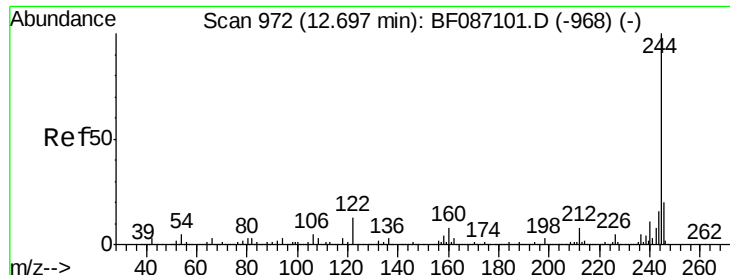
Delta R.T. 0.01 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Tgt Ion:	202	Resp:	3073199
Ion Ratio		Lower	Upper
202	100		
200	23.1	17.7	26.5
203	18.9	14.2	21.4





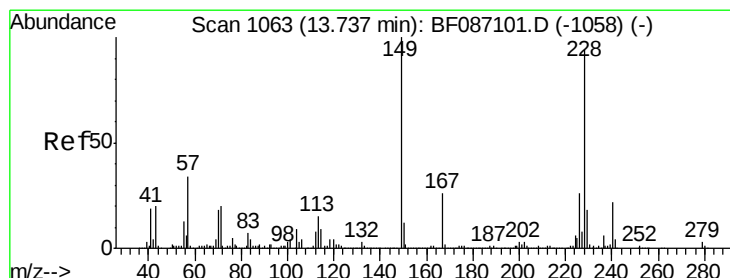
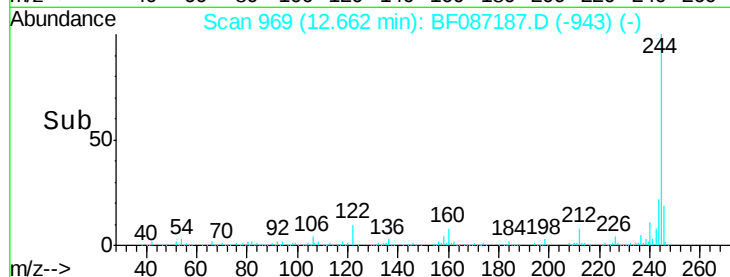
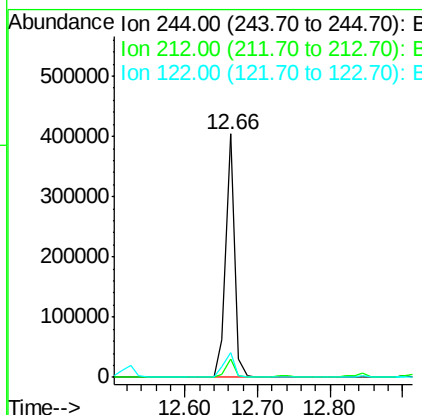
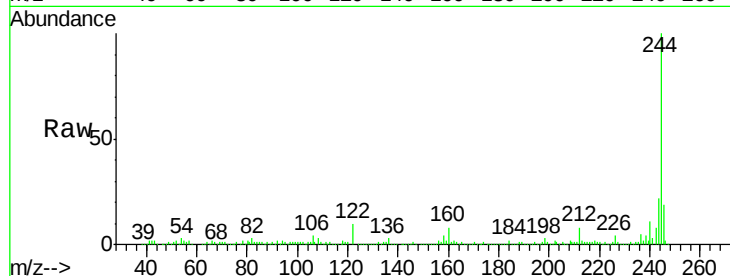
#78
 Terphenyl-d14
 Concen: 24.00 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	350494		
212	7.6	6.2	9.2	
122	10.2	12.0	18.0	

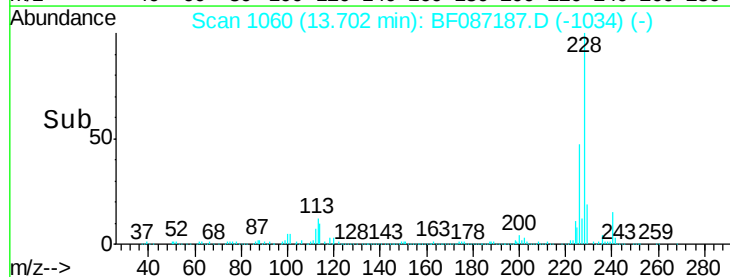
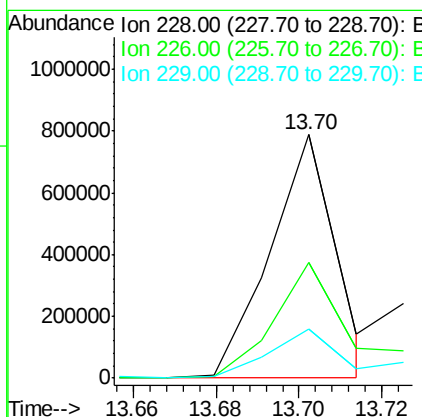
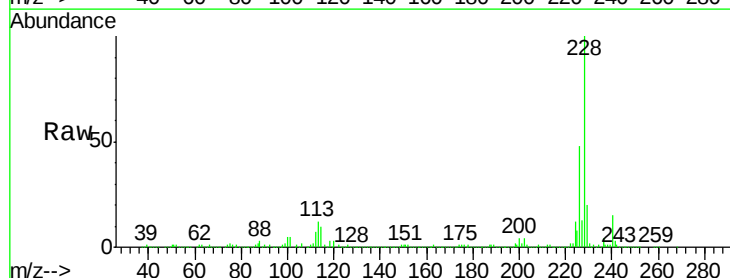
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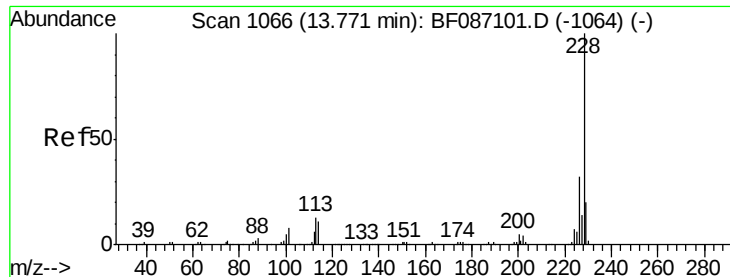
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#80
 Benzo(a)anthracene
 Concen: 45.44 ng m
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF087187.D
 Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	868025		
226	47.7	22.5	33.7	
229	20.3	16.6	25.0	





#82

Chrysene

Concen: 42.50 ng m

RT: 13.74 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Instrument :

BNA_F

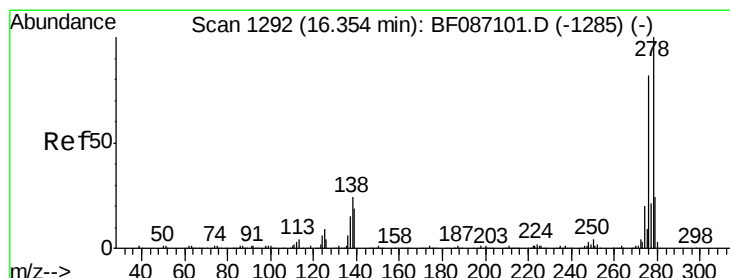
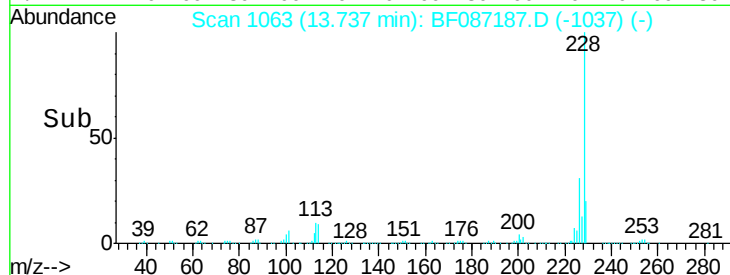
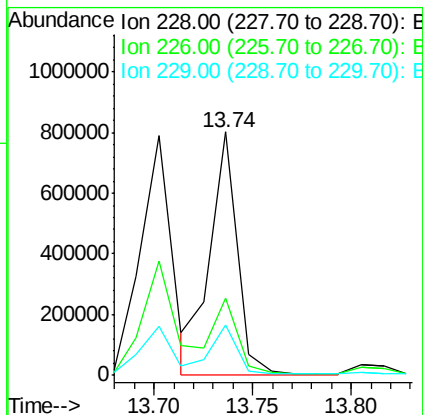
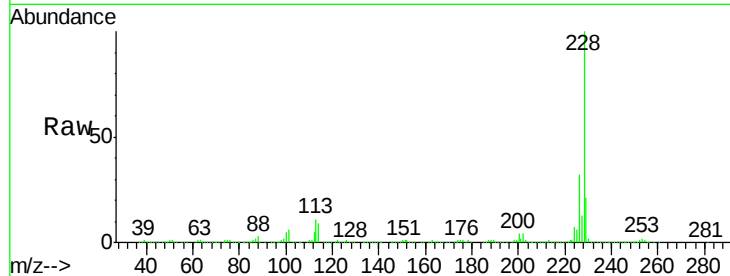
ClientSampleId :

NYSEG-CLARK-ST-ESMI-8

Tgt Ion:	228	Resp:	785516
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.4	36.6
229	20.6	15.8	23.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 17.86 ng m

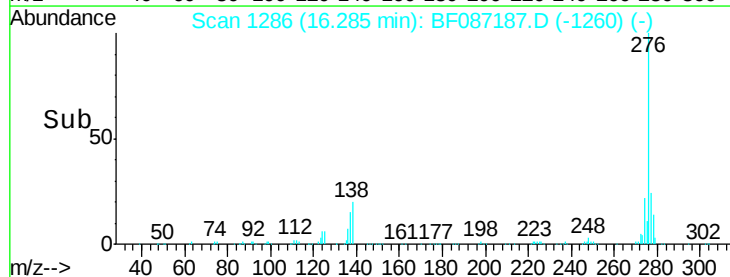
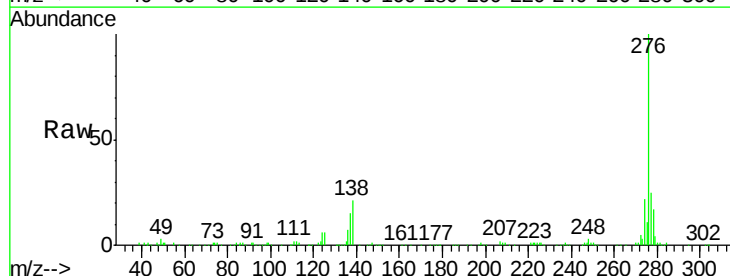
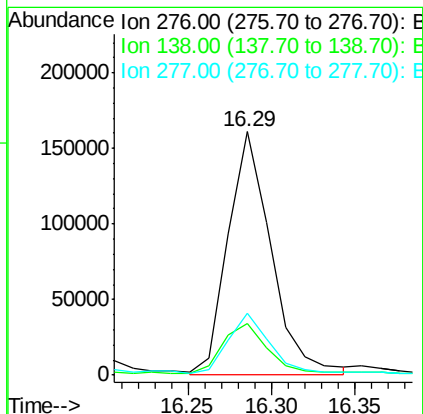
RT: 16.29 min Scan# 1286

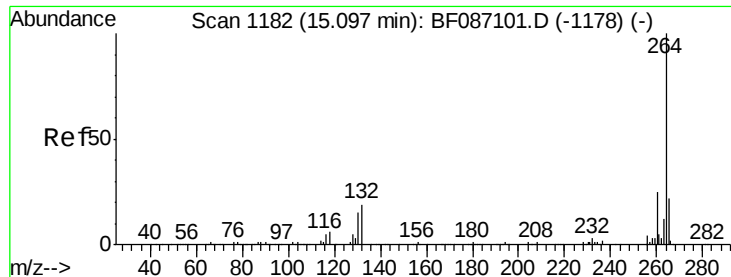
Delta R.T. -0.00 min

Lab File: BF087187.D

Acq: 19 May 2016 14:31

Tgt Ion:	276	Resp:	289736
Ion Ratio	Lower	Upper	
276	100		
138	6.7	25.6	38.4#
277	5.3	20.5	30.7#





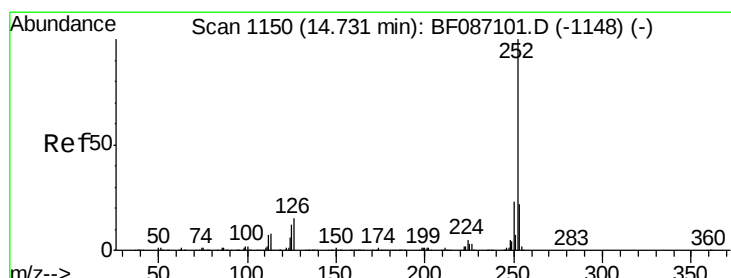
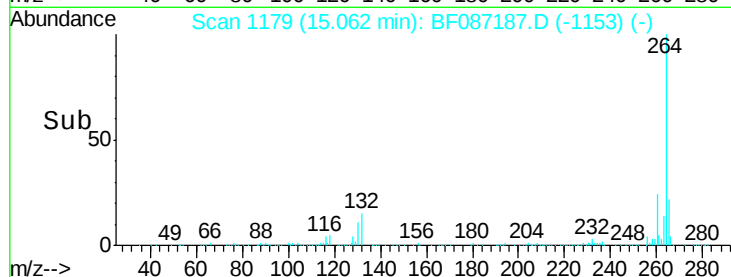
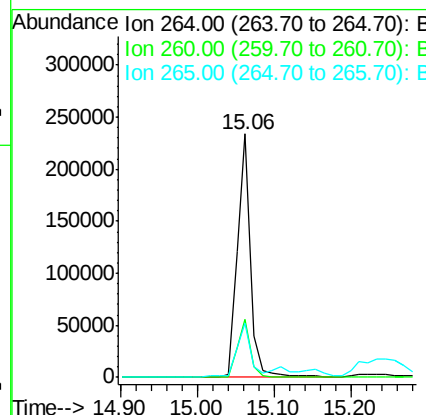
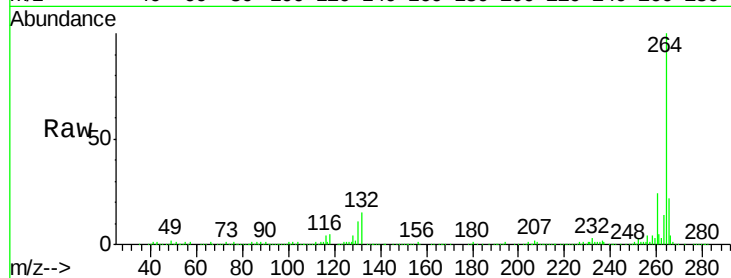
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	289470		
260	23.7	19.5	29.3	
265	22.3	17.3	25.9	

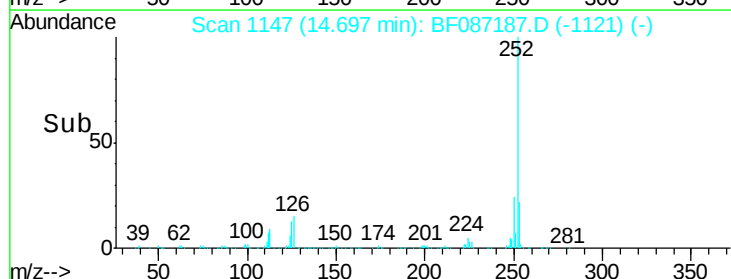
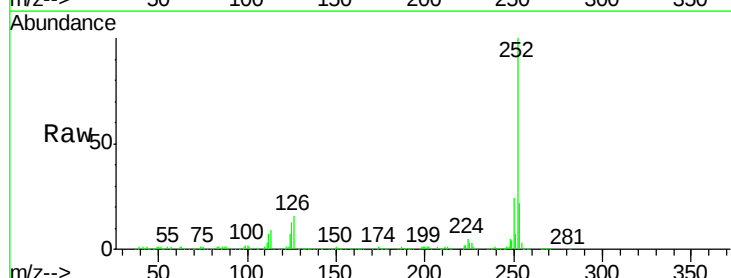
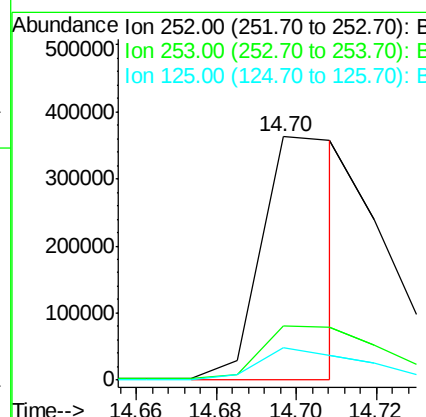
Manual Integrations
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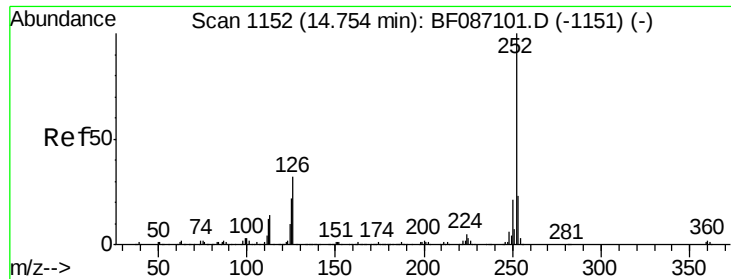
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#87
Benzo(b)fluoranthene
Concen: 26.83 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	515307		
253	22.3	17.8	26.6	
125	13.5	11.4	17.0	





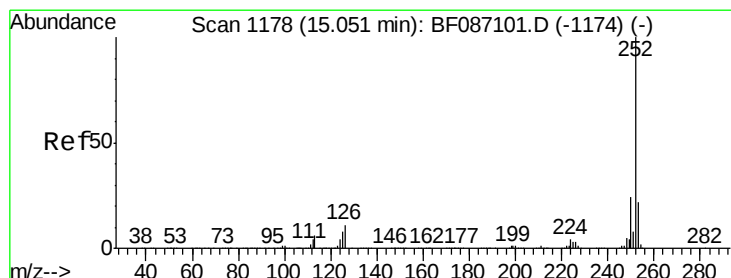
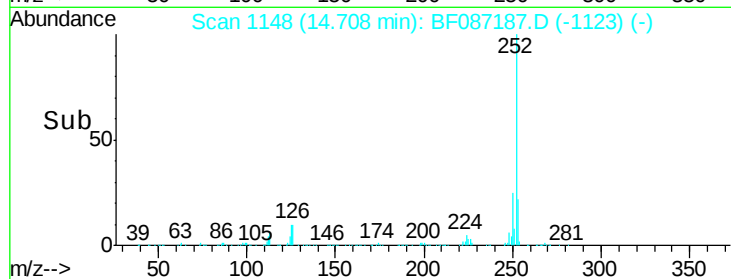
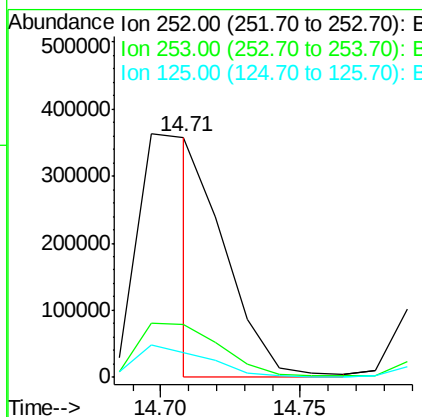
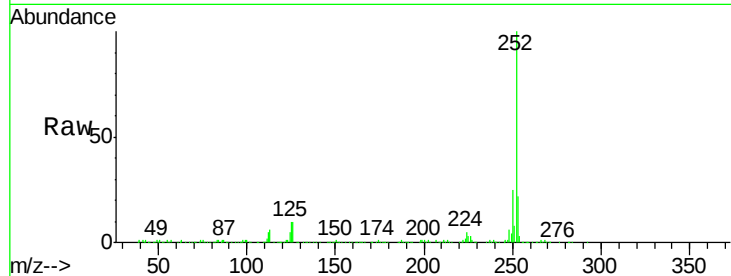
#88
Benzo(k)fluoranthene
Concen: 16.87 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.3	9.1	13.7

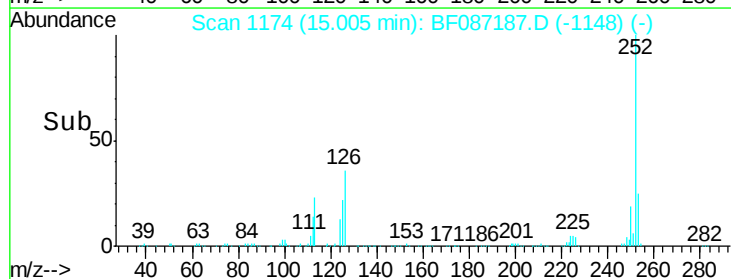
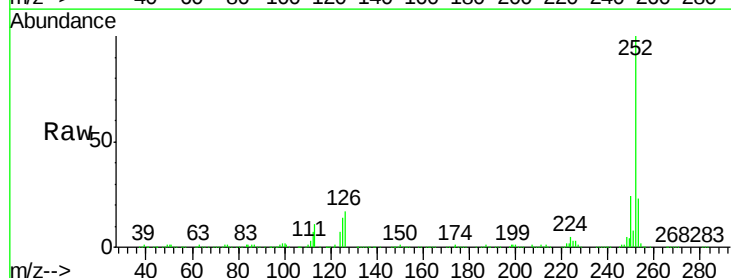
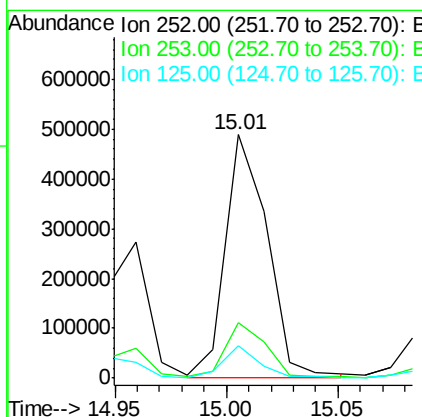
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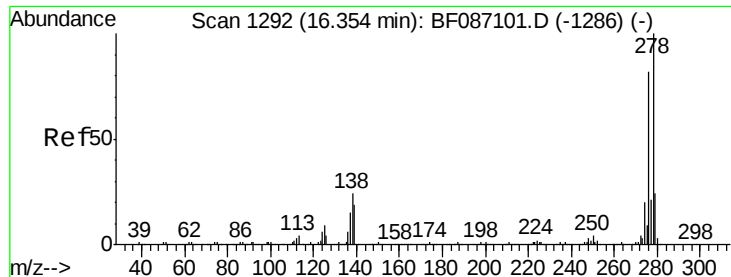
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#89
Benzo(a)pyrene
Concen: 39.75 ng m
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.6	9.0	13.6#





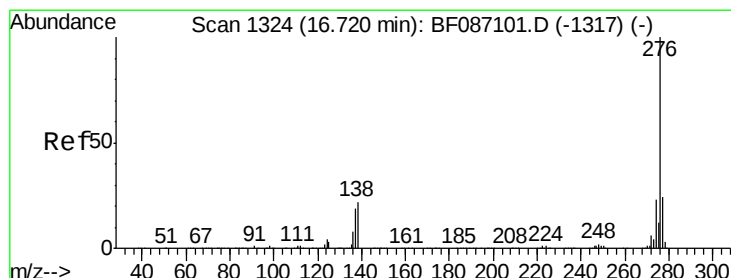
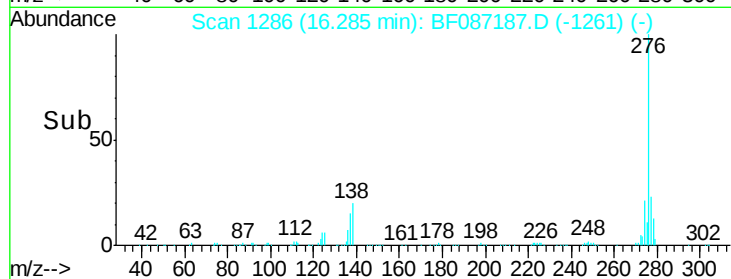
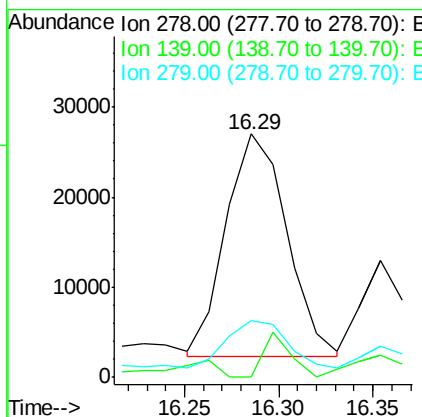
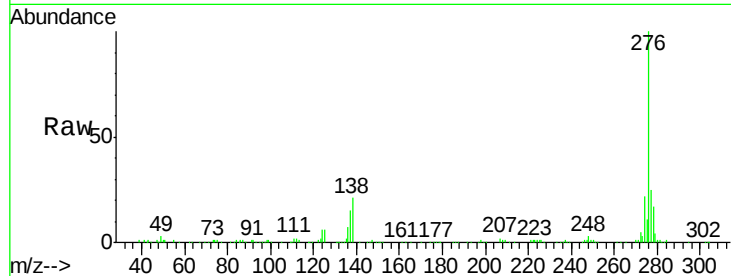
#90
Dibenzo(a,h)anthracene
Concen: 4.12 ng m
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	23.2	19.6	29.4

Manual Integrations
APPROVED

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



#91
Benzo(g,h,i)perylene
Concen: 24.09 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF087187.D
Acq: 19 May 2016 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	22.6	23.6	35.4#

