

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087191.D
 Acq On : 19 May 2016 17:10
 Operator : UM/SJ
 Sample : H3119-02DL 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 19 18:40:20 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	6.56	152	129456	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	562970	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	282715	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	501066	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	385795	20.00	ng	-0.01
86) Perylene-d12	15.05	264	294541	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	12790	1.66	ng	0.05
7) Phenol-d6	6.26	99	29343	2.84	ng	0.02
23) Nitrobenzene-d5	7.15	82	21180	1.88	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	3904	1.25	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	41188	2.41	ng	0.00
78) Terphenyl-d14	12.66	244	38589	2.26	ng	0.00
Target Compounds						
31) Naphthalene	7.87	128	1308632	47.57	ng	99
37) 2-Methylnaphthalene	8.57	142	224030	12.73	ng	99
45) 1,1'-Biphenyl	9.03	154	85259	3.64	ng	95
48) Acenaphthylene	9.46	152	60675	2.21	ng	97
51) Acenaphthene	9.63	154	292239	17.02	ng	98
57) Fluorene	10.15	166	169720	9.52	ng	99
70) Phenanthrene	11.11	178	887516	32.66	ng	99
71) Anthracene	11.15	178	585070	21.28	ng	99
74) Fluoranthene	12.29	202	366453	13.46	ng	91
77) Pyrene	12.51	202	510145	18.30	ng	97
80) Benzo(a)anthracene	13.73	228	88494	3.97	ng	96
82) Chrysene	13.73	228	88536	4.10	ng	99
87) Benzo(b)fluoranthene	14.70	252	62064m	3.18	ng	
89) Benzo(a)pyrene	15.01	252	72343	4.43	ng	99
91) Benzo(g,h,i)perylene	16.65	276	31855m	2.29	ng	

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

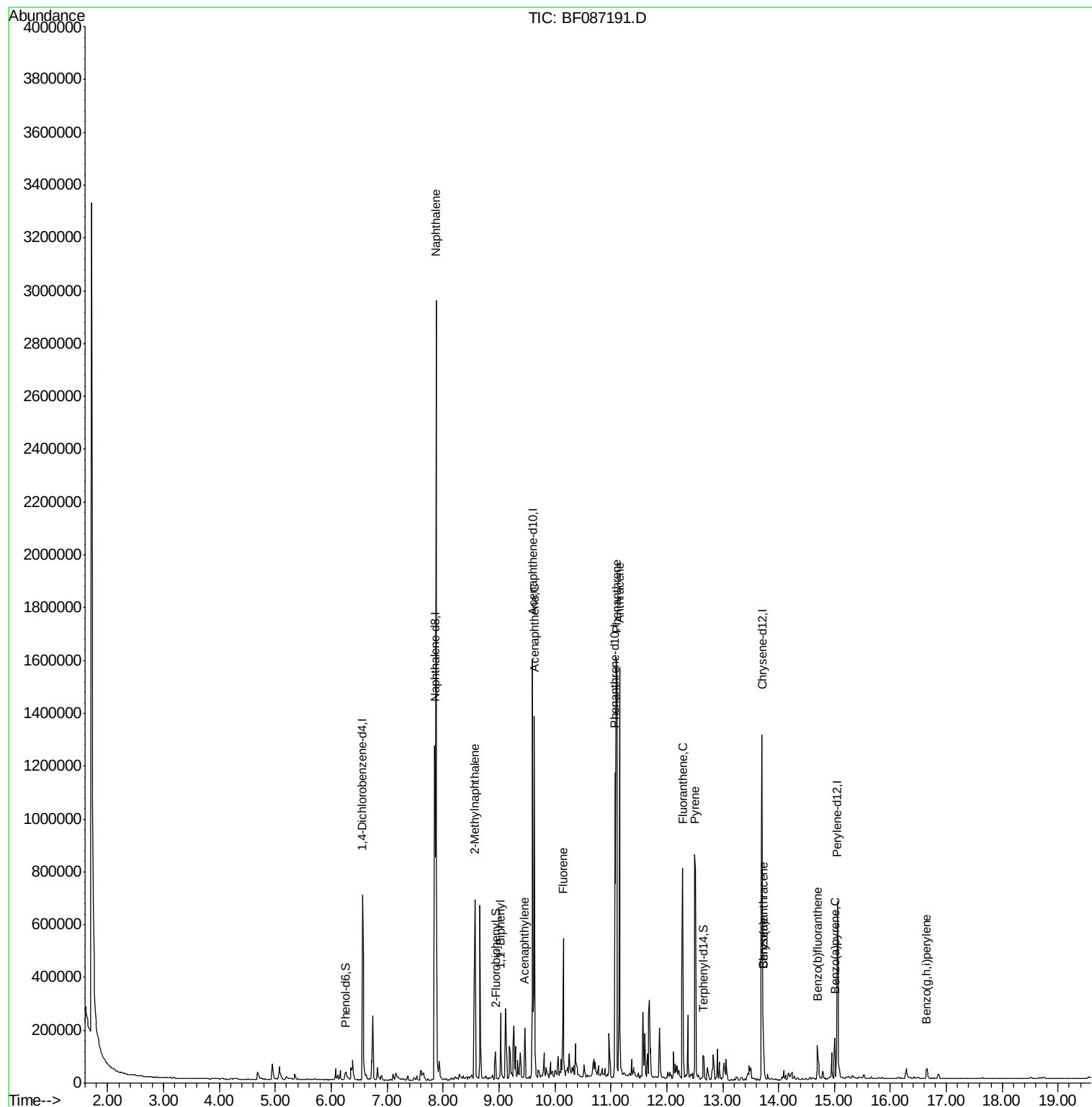
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087191.D
Acq On : 19 May 2016 17:10
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Sample : H3119-02DL 50X
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ALS Vial : 8 Sample Multiplier: 1

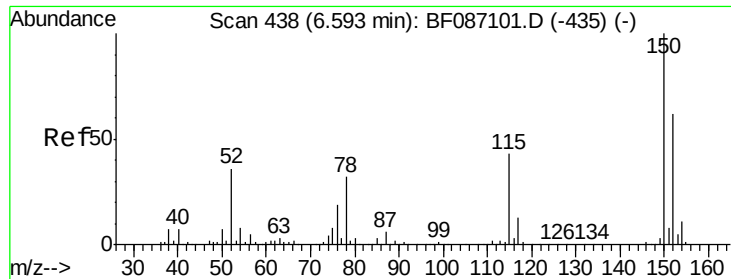
Instrument :
BNA_F
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NYSEG-CLARK-ST-ESMI-8DL

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Quant Time: May 19 18:40:20 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

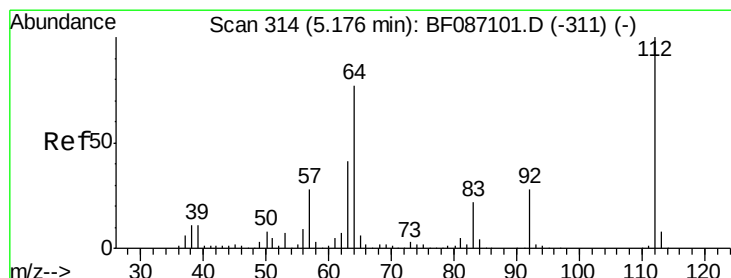
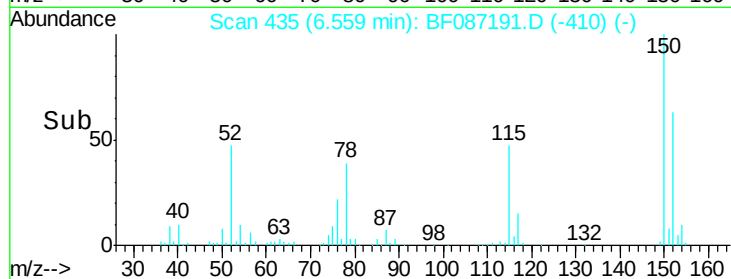
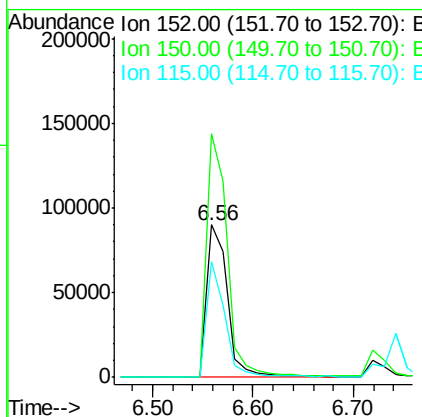
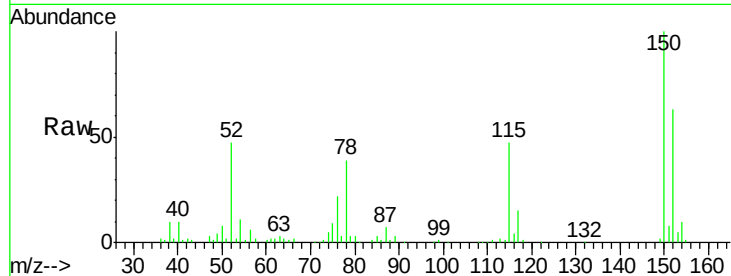
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	129456		
150	159.8	125.8	188.6	
115	75.7	51.5	77.3	

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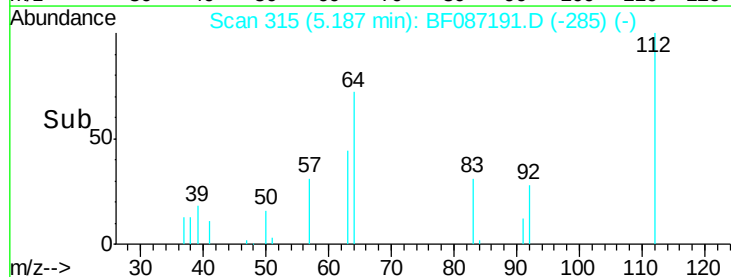
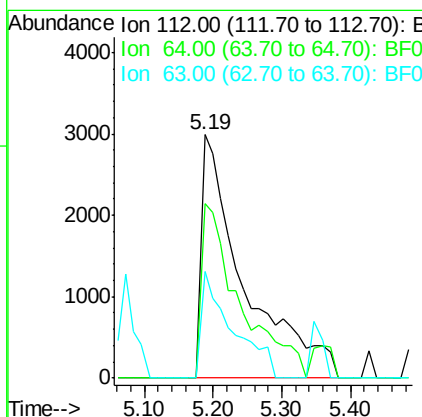
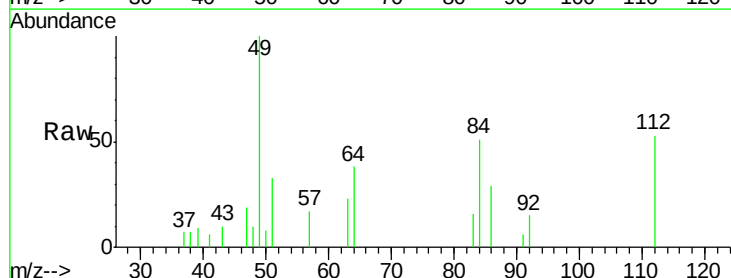
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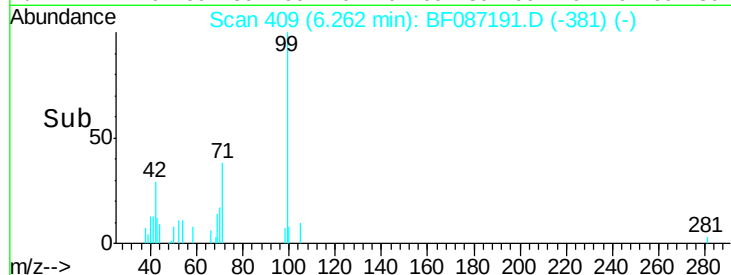
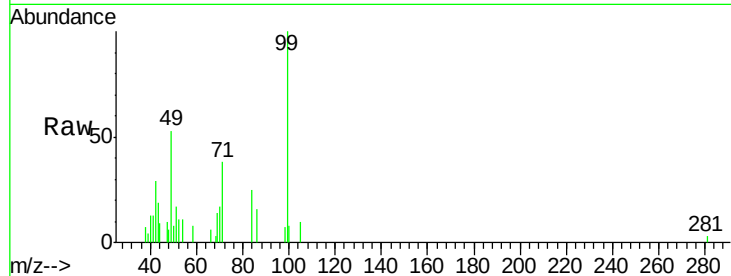
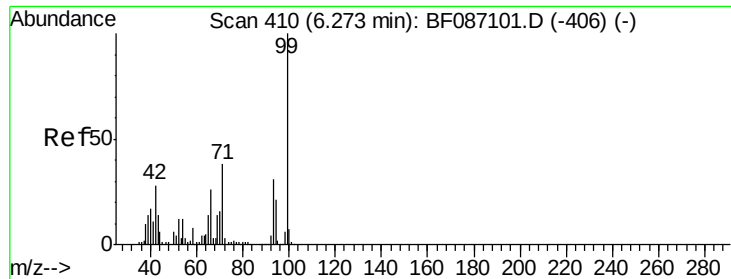


#5

2-Fluorophenol
Concen: 1.66 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.05 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	12790		
64	71.9	52.1	78.1	
63	43.7	25.7	38.5	





#7

Phenol-d6

Concen: 2.84 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.02 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Lower	Upper
99	100		
42	29.4	13.6	20.4#
71	38.0	24.6	36.8#

Instrument :

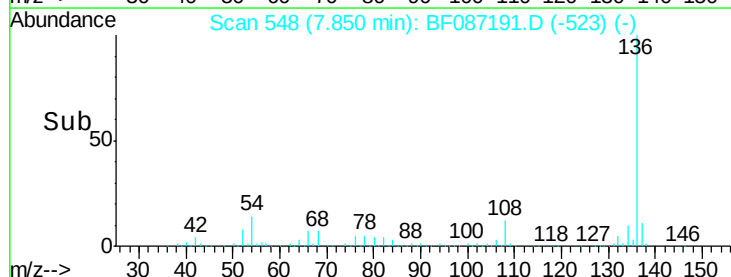
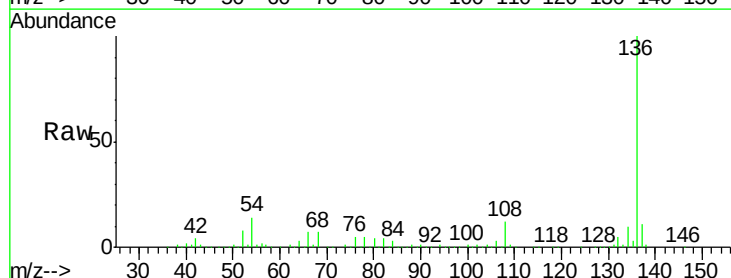
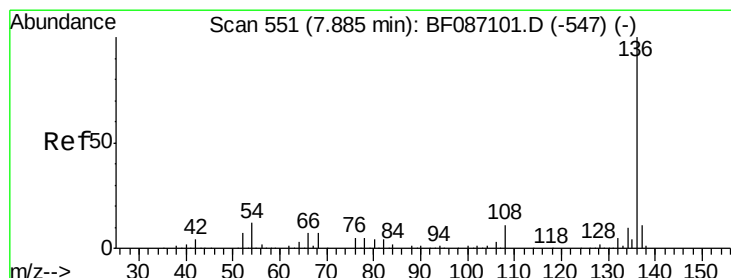
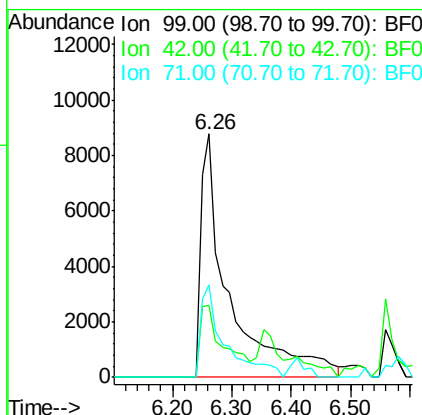
BNA_F

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#21

Naphthalene-d8

Concen: 20.00 ng

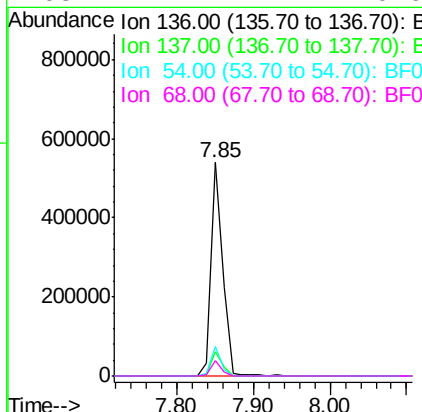
RT: 7.85 min Scan# 548

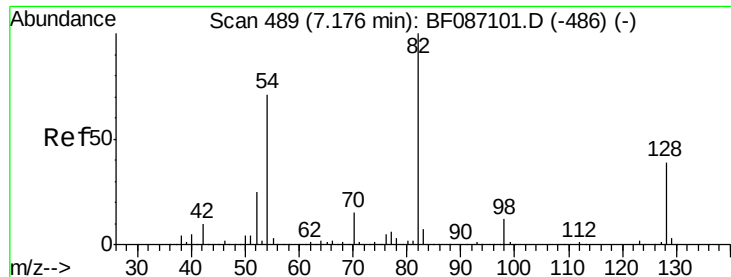
Delta R.T. -0.01 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.8	5.0	7.4#
68	7.1	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 1.88 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Instrument :

BNA_F

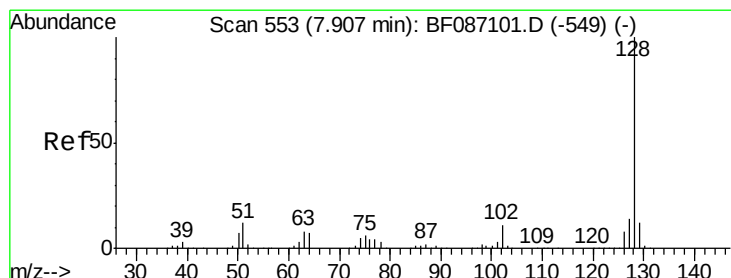
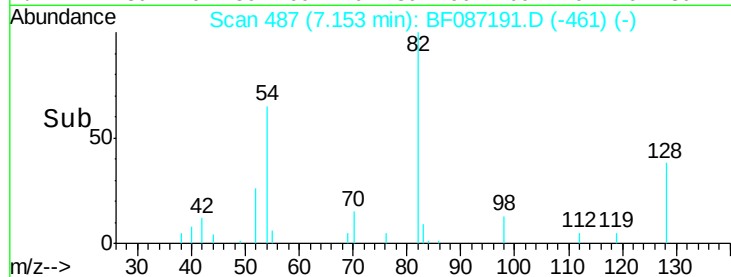
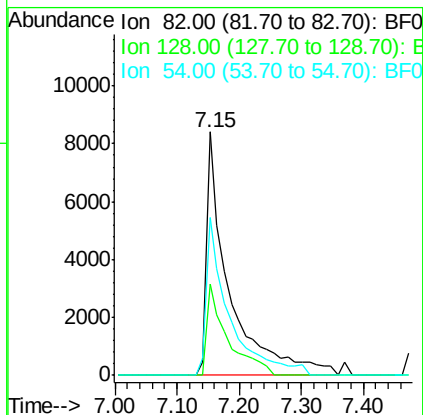
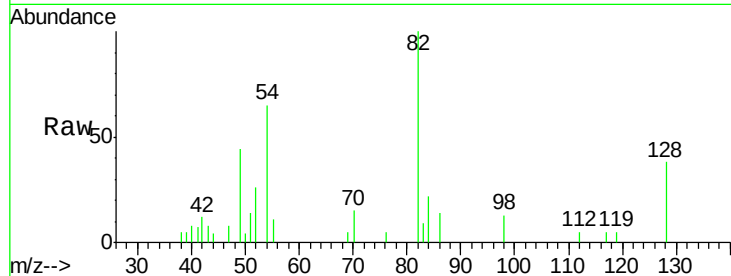
ClientSampleId :

NYSEG-CLARK-ST-ESMI-8DL

Tgt Ion:	82	Resp:	21180
Ion Ratio	Lower	Upper	
82	100		
128	37.6	40.6	61.0#
54	64.9	38.1	57.1#

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#31

Naphthalene

Concen: 47.57 ng

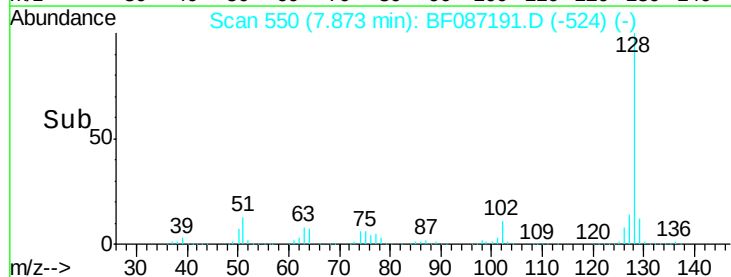
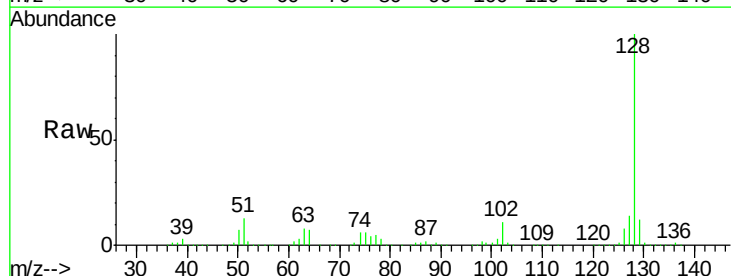
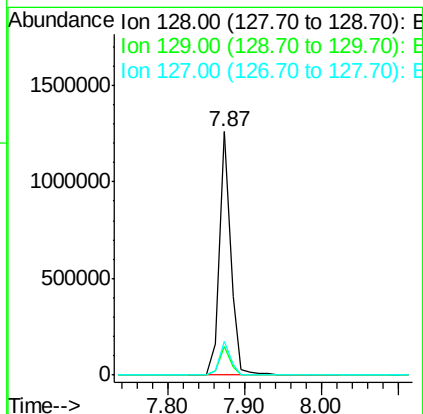
RT: 7.87 min Scan# 550

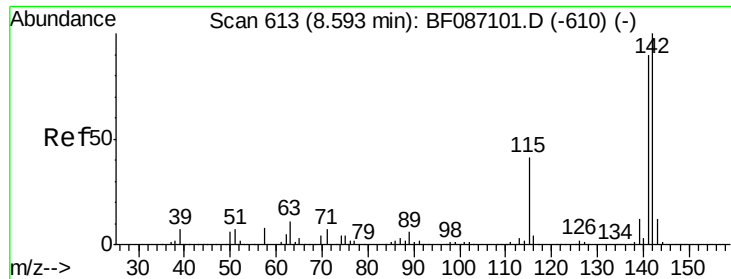
Delta R.T. 0.00 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Tgt Ion:	128	Resp:	1308632
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.6	13.0
127	13.6	10.8	16.2





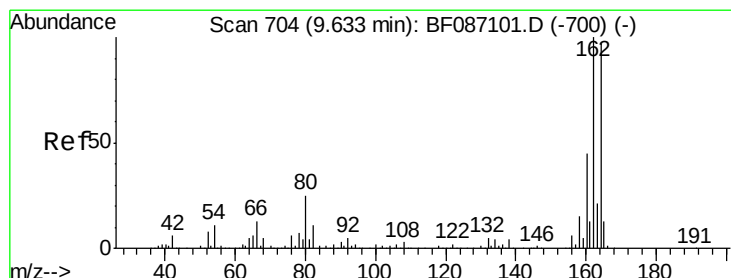
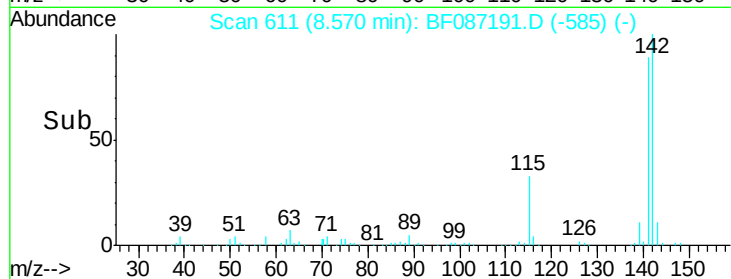
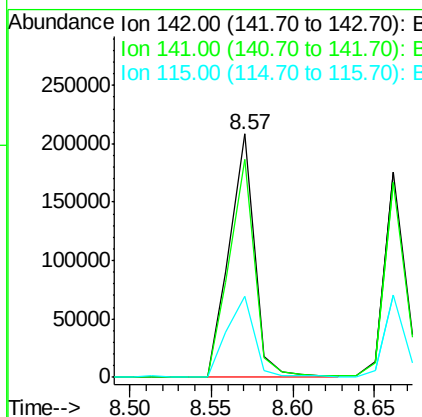
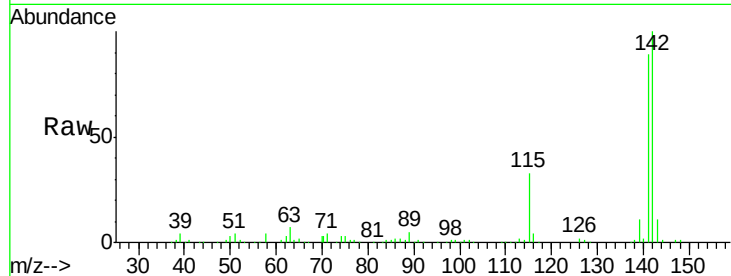
#37
2-Methylnaphthalene
Concen: 12.73 ng
RT: 8.57 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	224030		
141	89.5	71.0	106.6	
115	33.4	26.6	39.8	

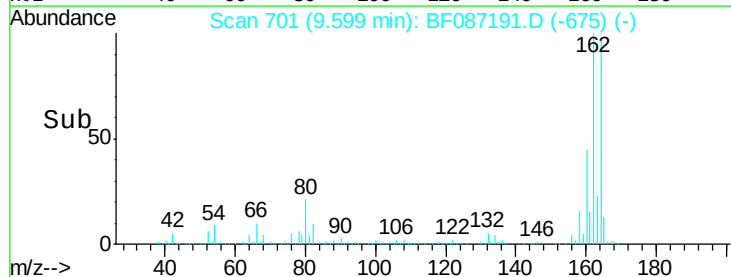
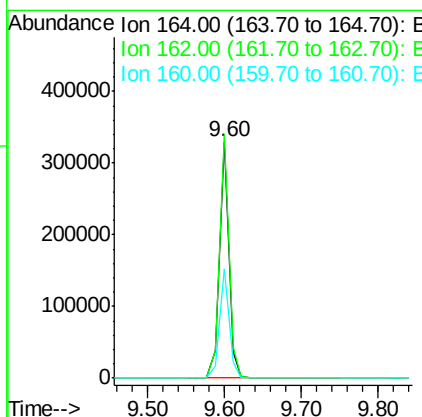
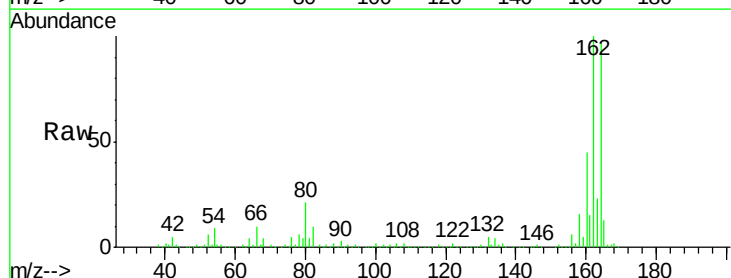
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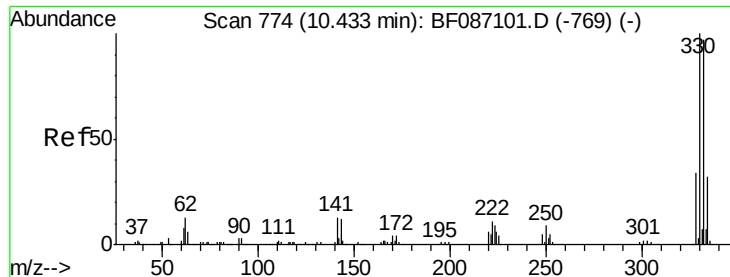
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282715		
162	103.1	82.8	124.2	
160	46.2	36.9	55.3	





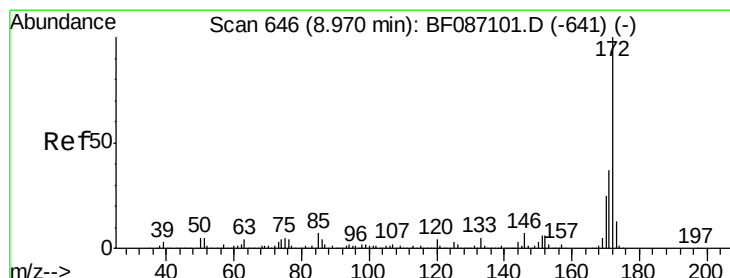
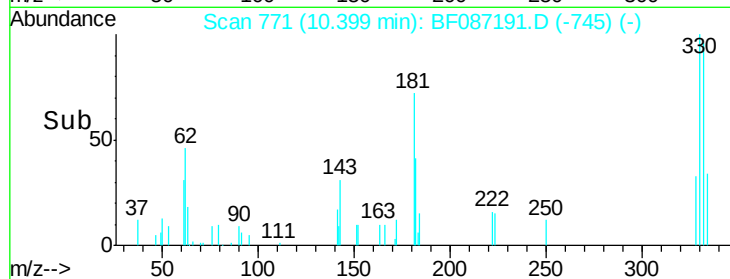
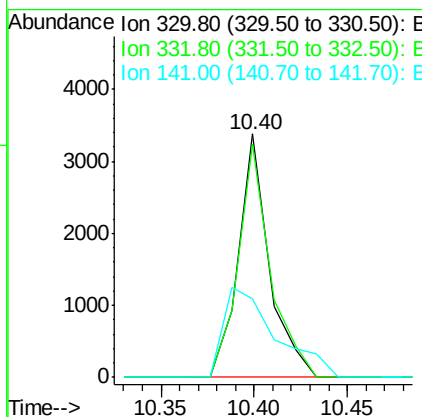
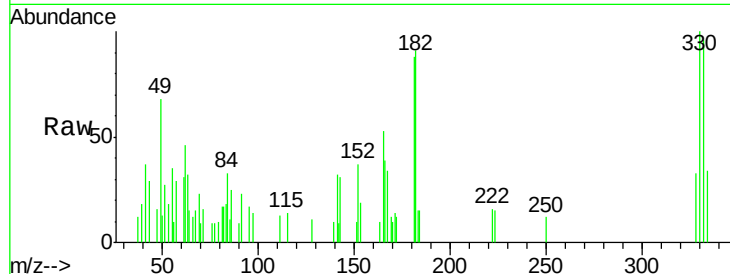
#41
 2,4,6-Tribromophenol
 Concen: 1.25 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF087191.D
 Acq: 19 May 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	79.0	118.4
141	63.2	31.2	46.8

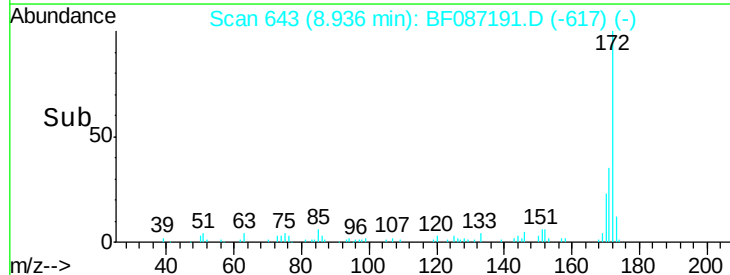
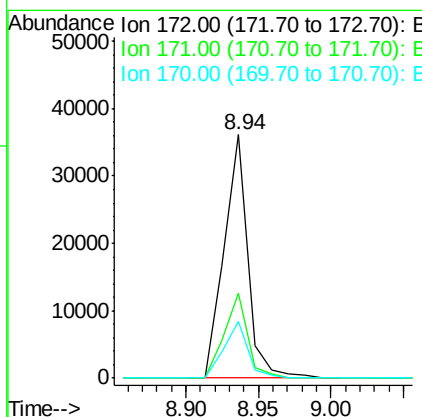
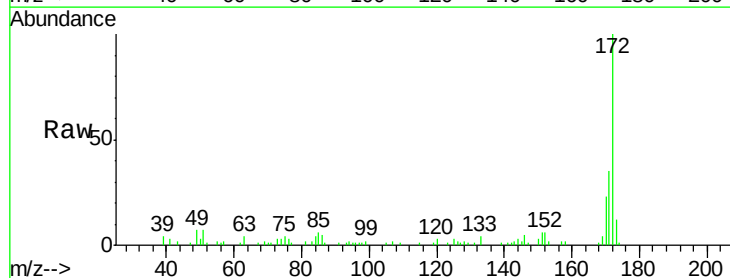
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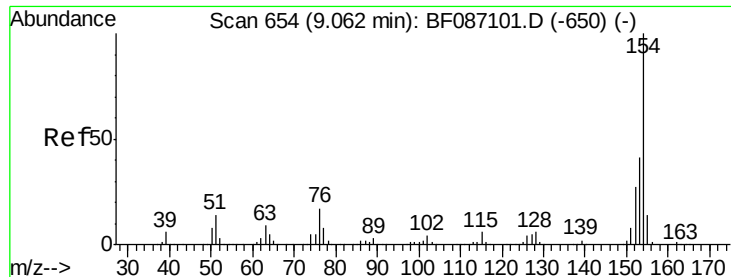
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#44
 2-Fluorobiphenyl
 Concen: 2.41 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF087191.D
 Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.6
170	23.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 3.64 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF087191.D

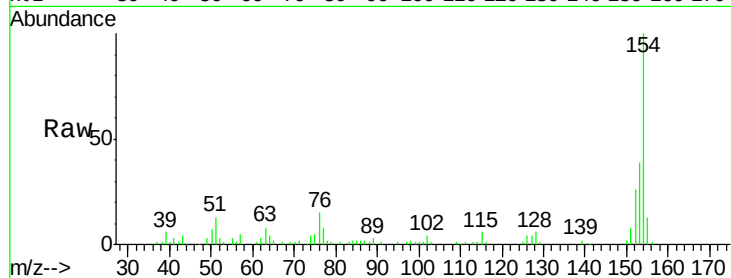
Acq: 19 May 2016 17:10

Instrument :

BNA_F

ClientSampleId :

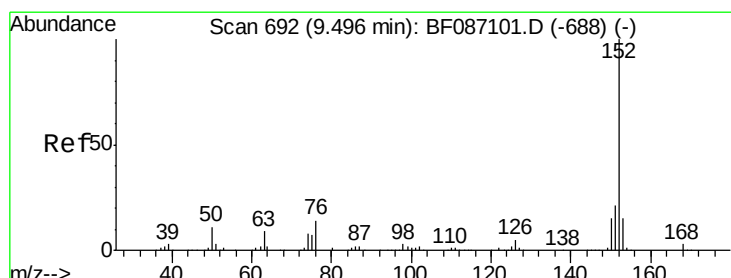
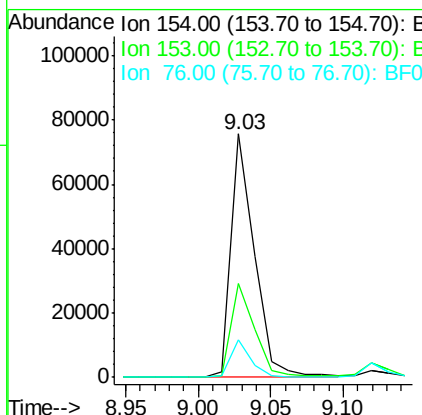
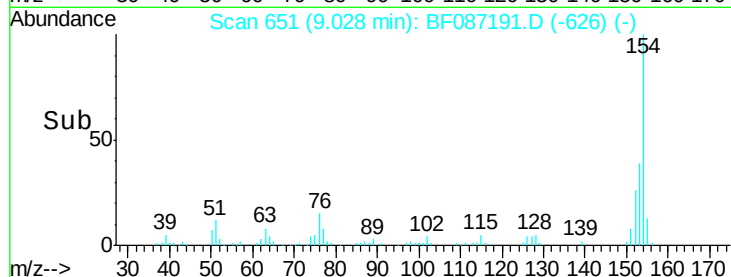
NYSEG-CLARK-ST-ESMI-8DL



Tgt Ion:	154	Resp:	85259
Ion Ratio	Lower	Upper	
154	100		
153	38.5	20.3	60.3
76	15.4	0.0	30.2

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#48

Acenaphthylene

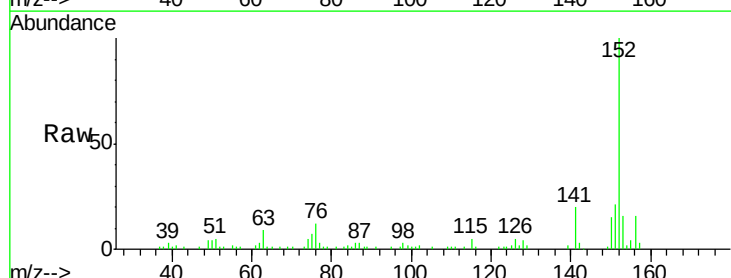
Concen: 2.21 ng

RT: 9.46 min Scan# 689

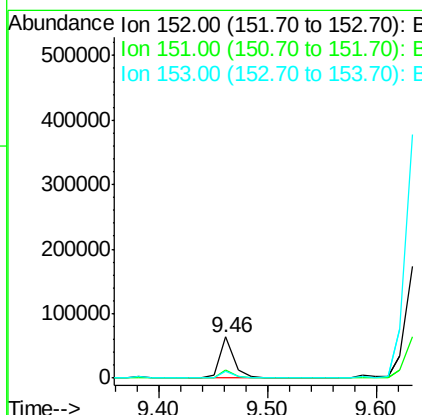
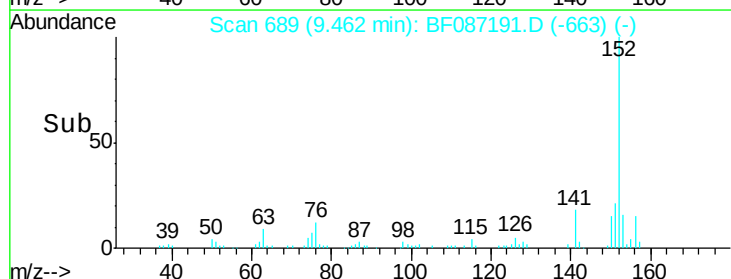
Delta R.T. 0.00 min

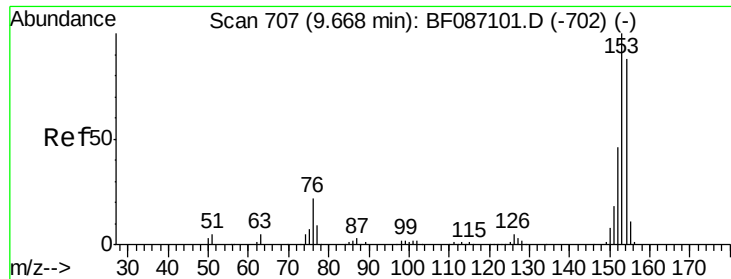
Lab File: BF087191.D

Acq: 19 May 2016 17:10



Tgt Ion:	152	Resp:	60675
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	16.1	10.9	16.3





#51

Acenaphthene

Concen: 17.02 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF087191.D

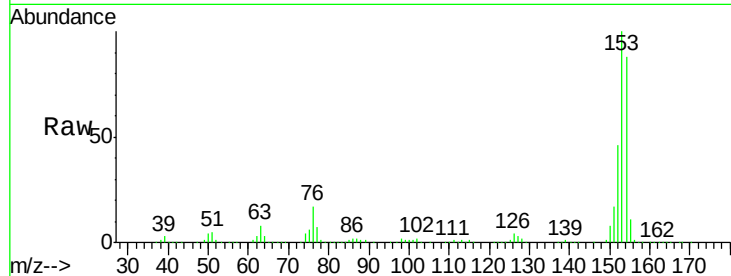
Acq: 19 May 2016 17:10

Instrument :

BNA_F

ClientSampleId :

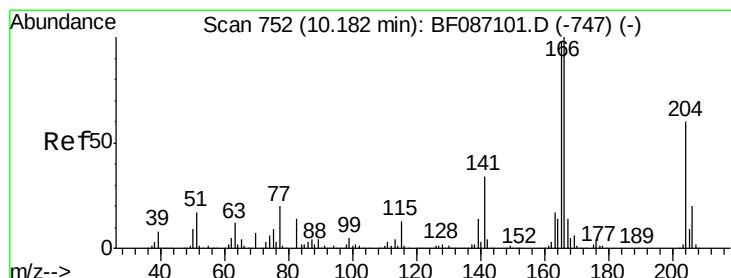
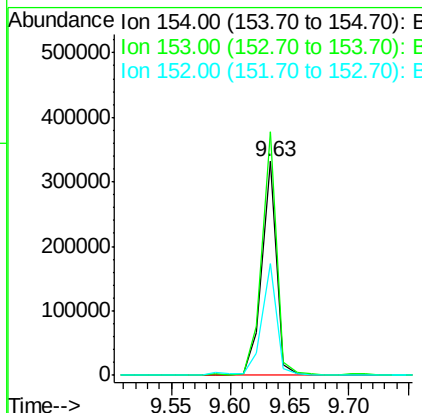
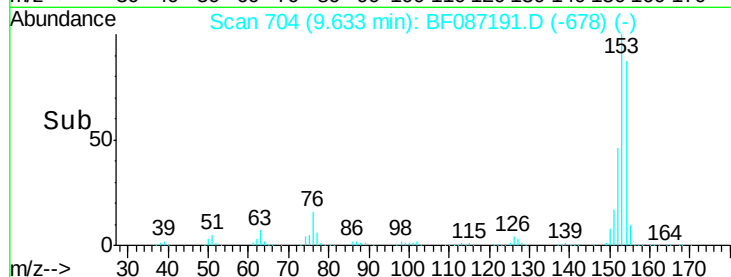
NYSEG-CLARK-ST-ESMI-8DL



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	292239		
153	113.9	89.8	134.6	
152	52.5	43.4	65.0	

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#57

Fluorene

Concen: 9.52 ng

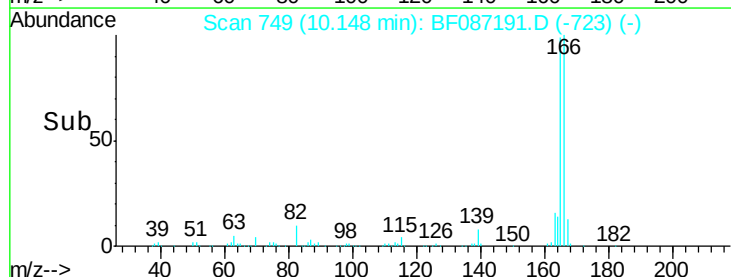
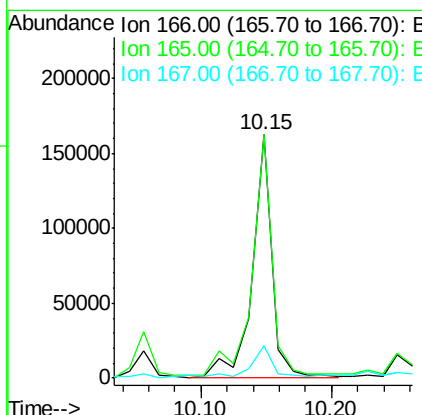
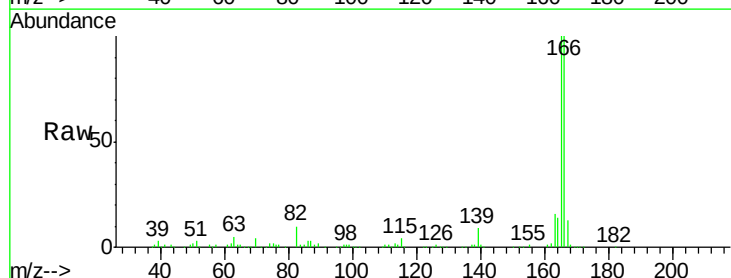
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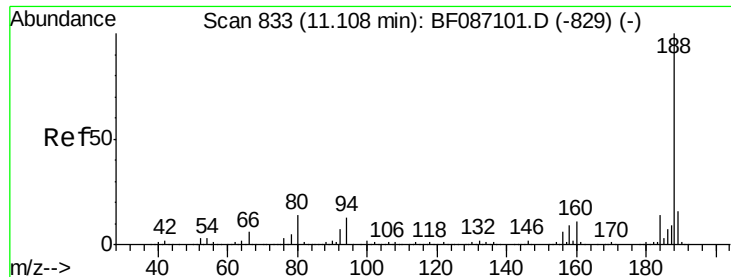
Delta R.T. 0.00 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	169720		
165	99.8	79.0	118.6	
167	13.4	10.6	15.8	





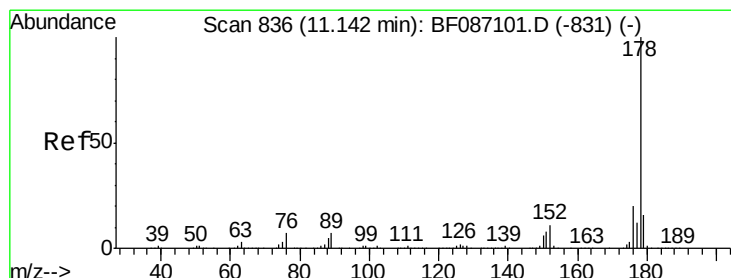
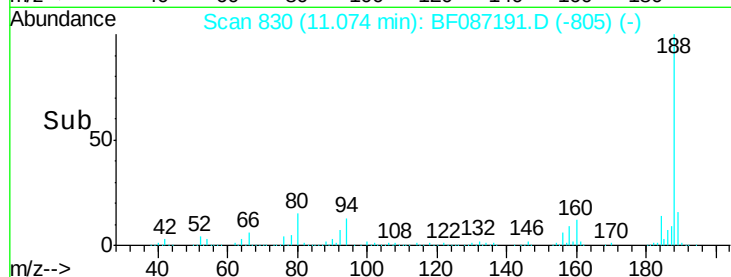
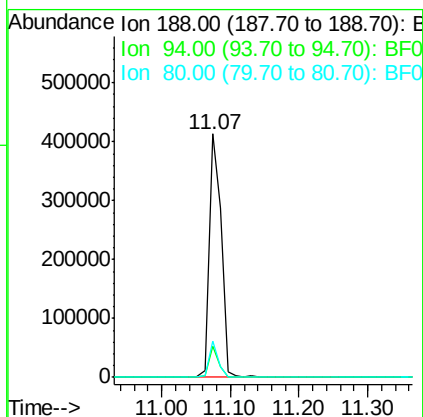
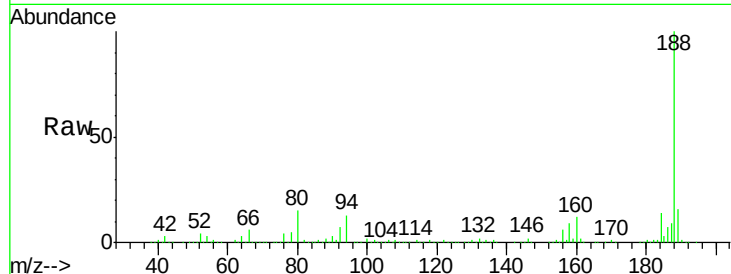
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	501066		
94	12.9	6.8	10.2#	
80	14.9	7.1	10.7#	

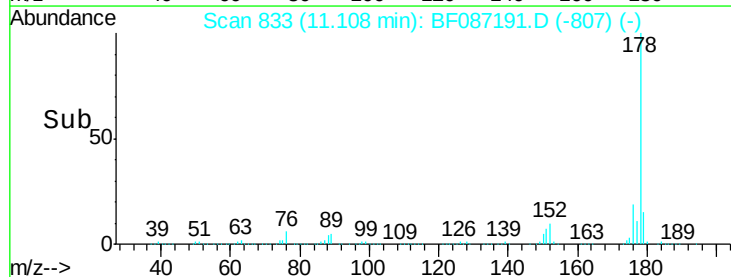
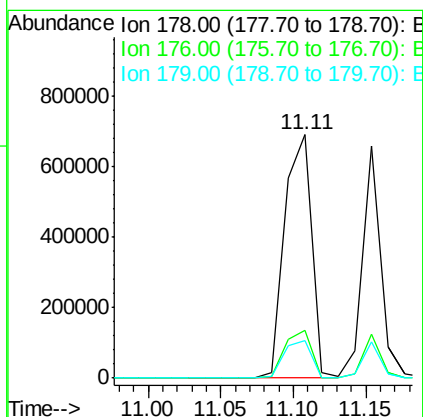
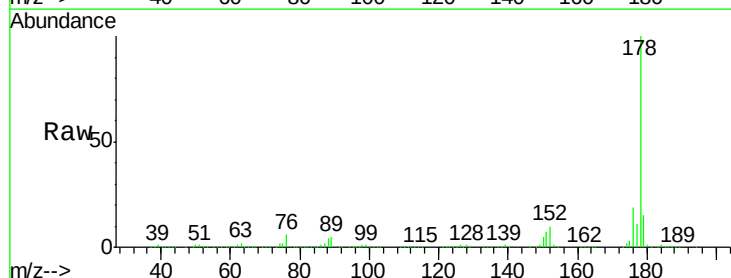
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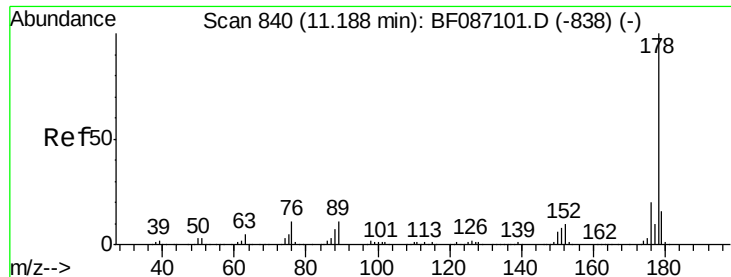
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#70
Phenanthrene
Concen: 32.66 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	887516		
176	19.4	16.0	24.0	
179	15.4	12.6	18.8	





#71

Anthracene

Concen: 21.28 ng

RT: 11.15 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Instrument :

BNA_F

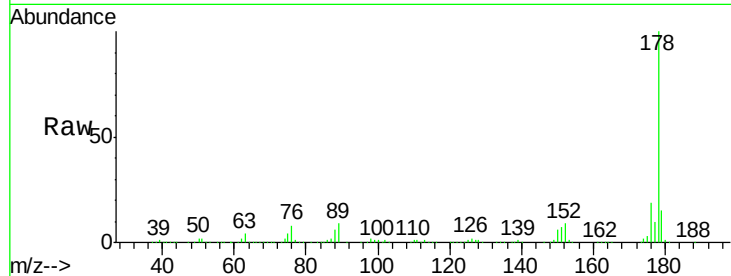
ClientSampleId :

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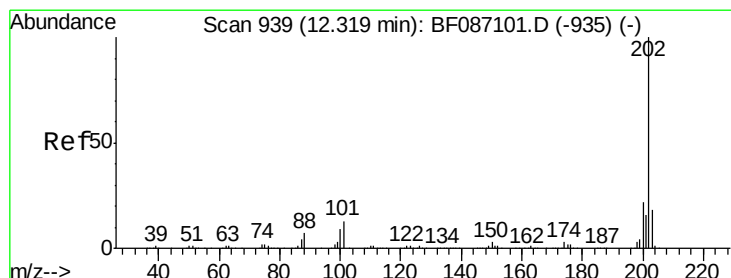
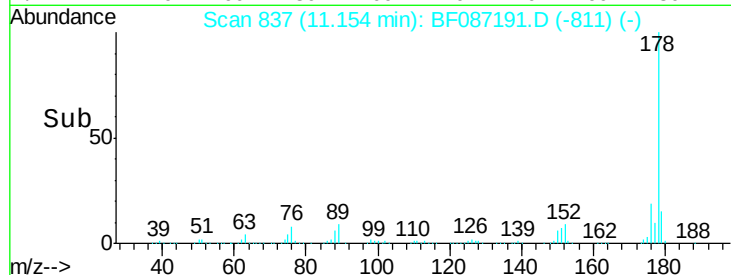
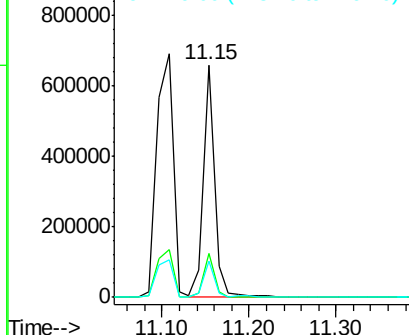
Tgt Ion:	178	Resp:	585070
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.6	23.4
179	15.5	12.7	19.1

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



#74

Fluoranthene

Concen: 13.46 ng

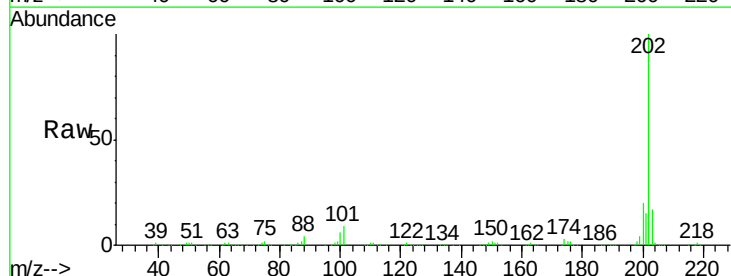
RT: 12.29 min Scan# 936

Delta R.T. 0.00 min

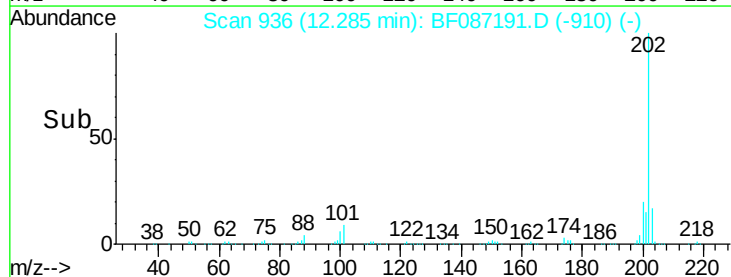
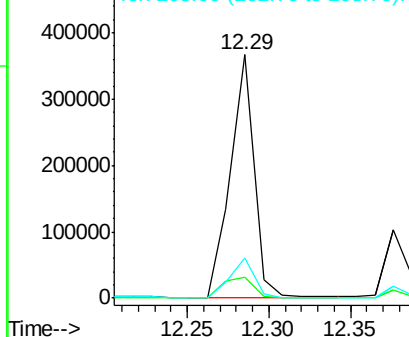
Lab File: BF087191.D

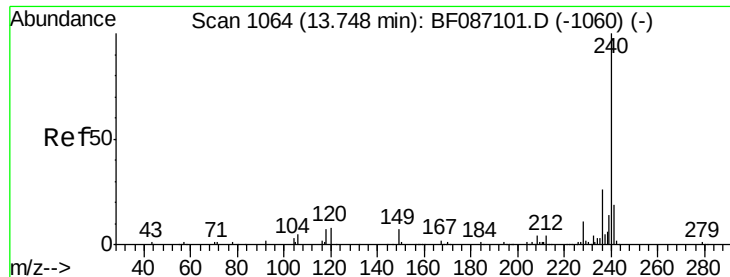
Acq: 19 May 2016 17:10

Tgt Ion:	202	Resp:	366453
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	35.4
203	16.7	0.0	38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Instrument :

BNA_F

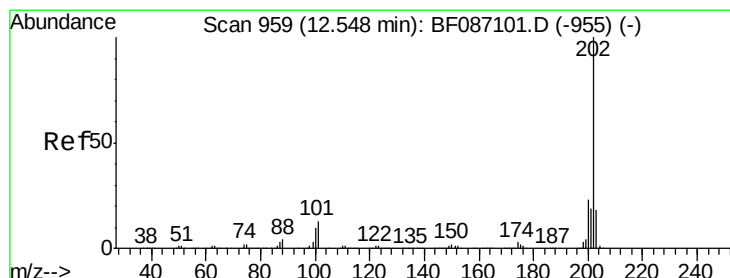
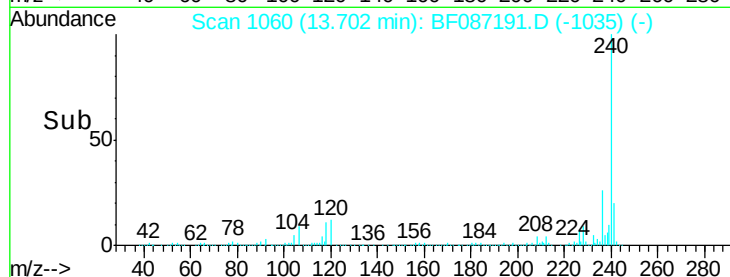
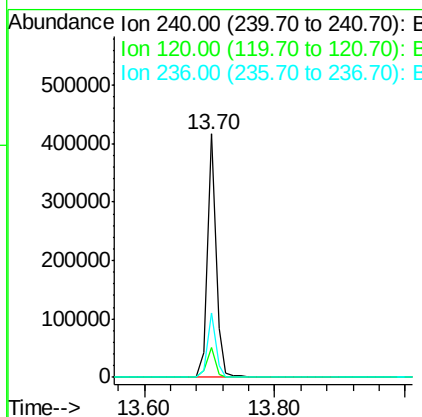
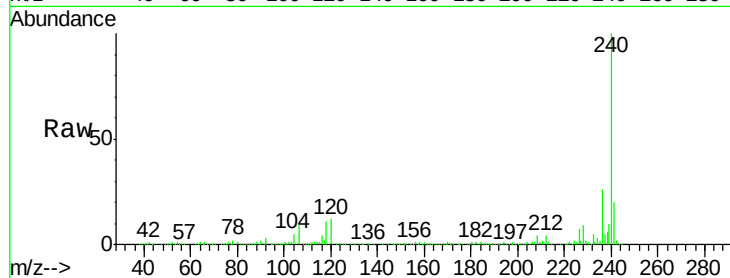
ClientSampleId :

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Tgt Ion:	240	Resp:	385795
Ion Ratio	Lower	Upper	
240	100		
120	12.3	11.2	16.8
236	26.2	21.2	31.8

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#77

Pyrene

Concen: 18.30 ng

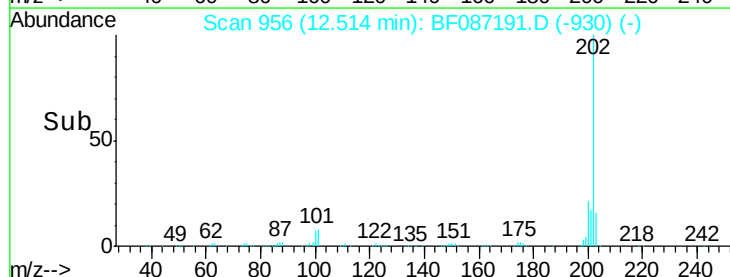
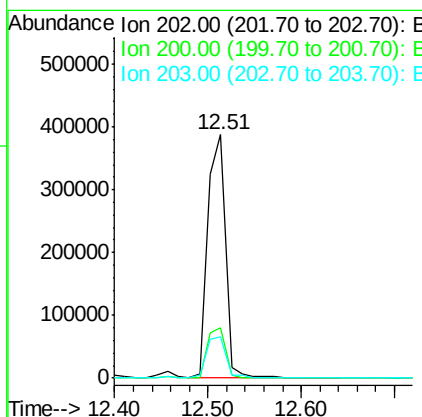
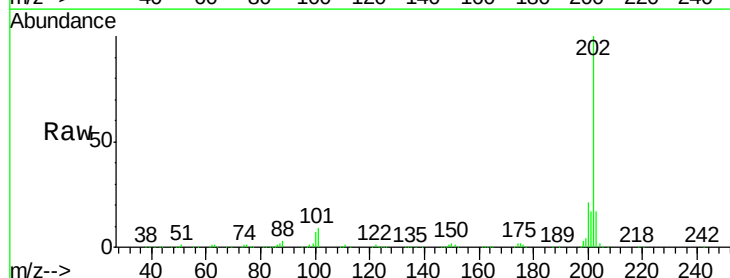
RT: 12.51 min Scan# 956

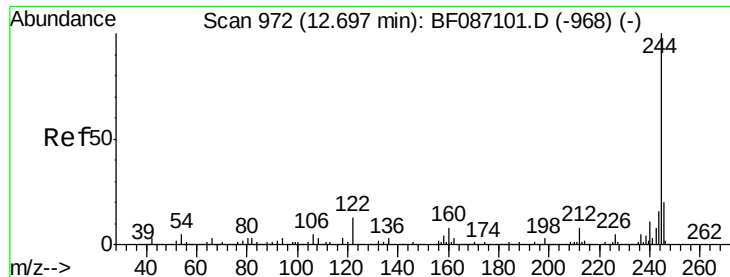
Delta R.T. 0.00 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Tgt Ion:	202	Resp:	510145
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.7	26.5
203	16.7	14.2	21.4





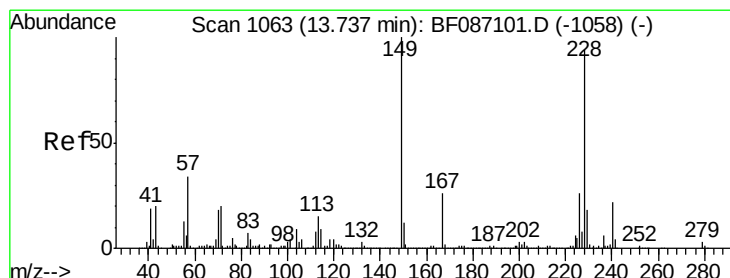
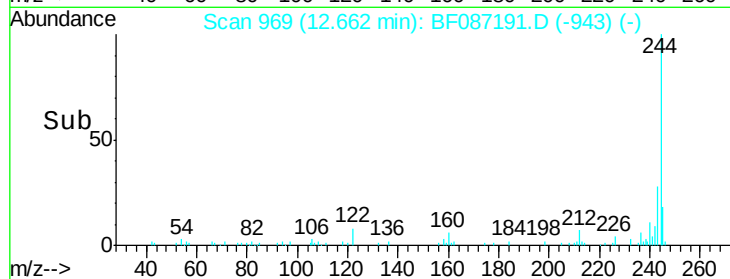
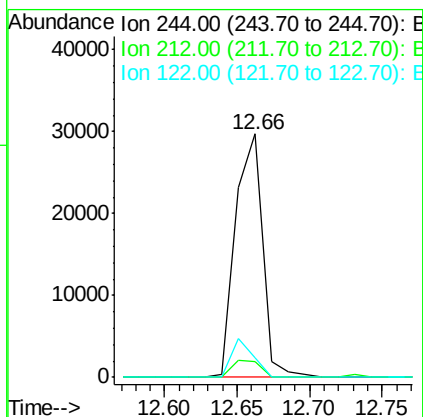
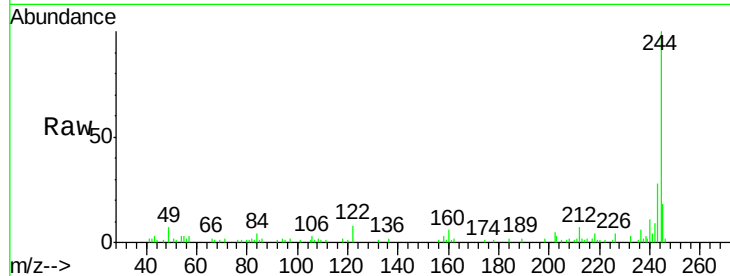
#78
 Terphenyl-d14
 Concen: 2.26 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF087191.D
 Acq: 19 May 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.2	9.2
122	8.2	12.0	18.0#

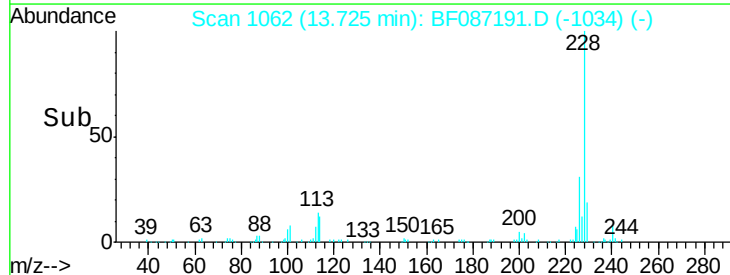
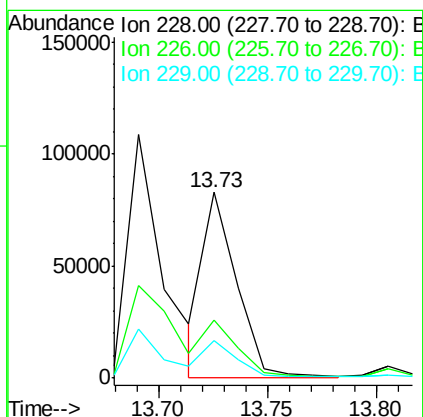
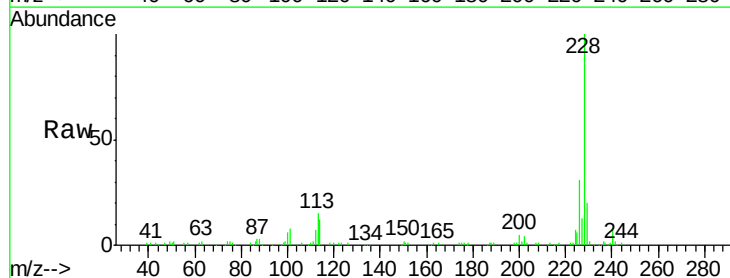
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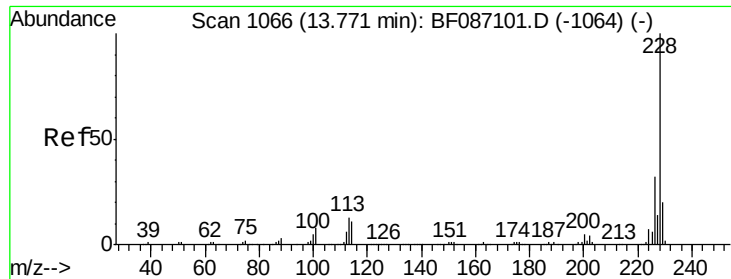
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#80
 Benzo(a)anthracene
 Concen: 3.97 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.02 min
 Lab File: BF087191.D
 Acq: 19 May 2016 17:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	22.5	33.7
229	20.4	16.6	25.0





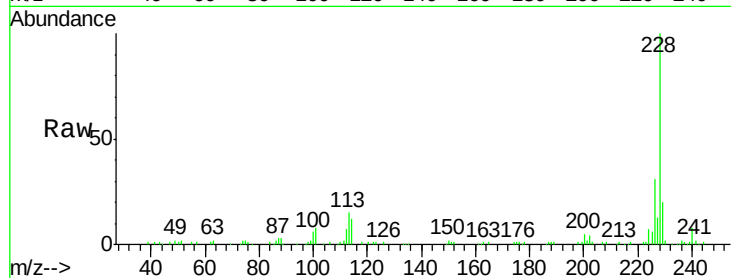
#82
Chrysene
Concen: 4.10 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

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

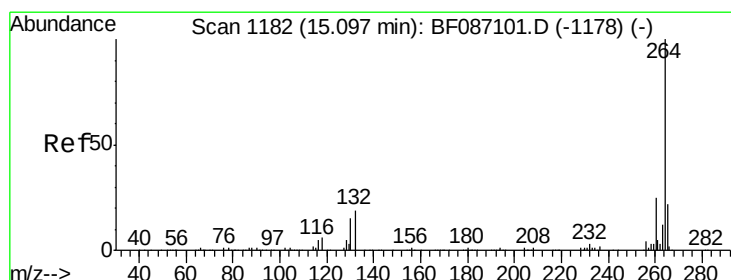
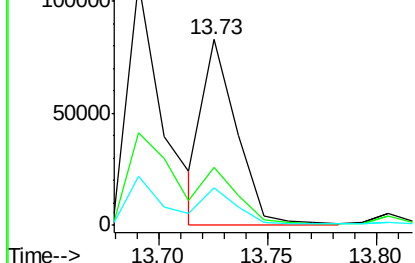
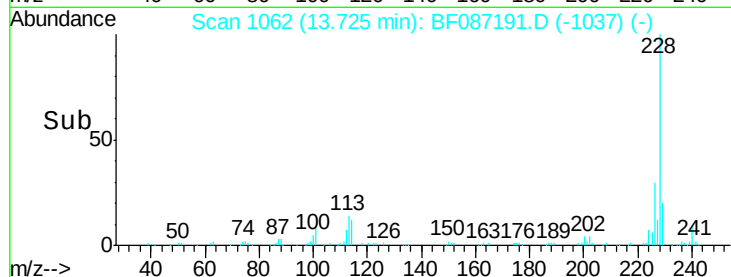
Tgt Ion:	228	Resp:	88536
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	20.4	15.8	23.8

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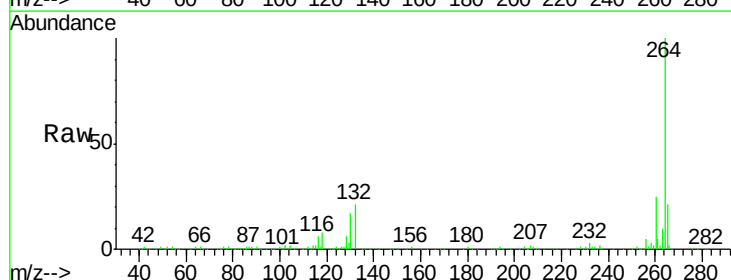


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

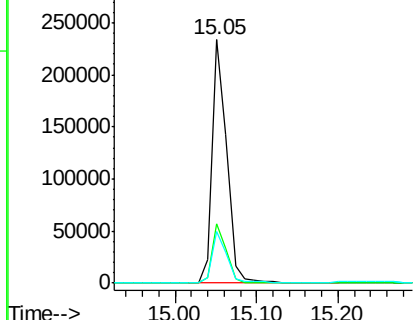
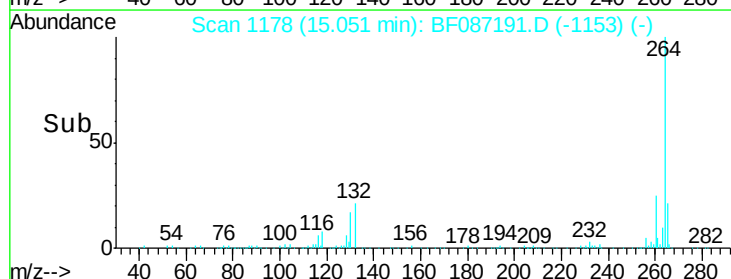


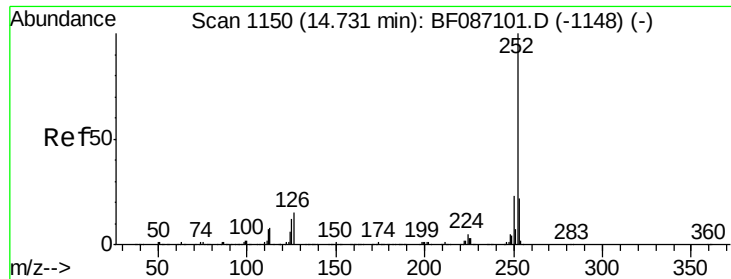
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087191.D
Acq: 19 May 2016 17:10

Tgt Ion:	264	Resp:	294541
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.4	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: 3.18 ng m

RT: 14.70 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF087191.D

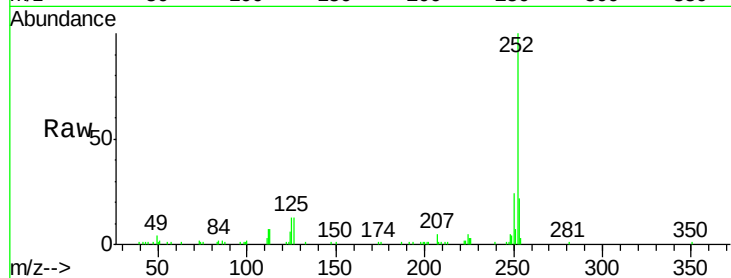
Acq: 19 May 2016 17:10

Instrument :

BNA_F

ClientSampleId :

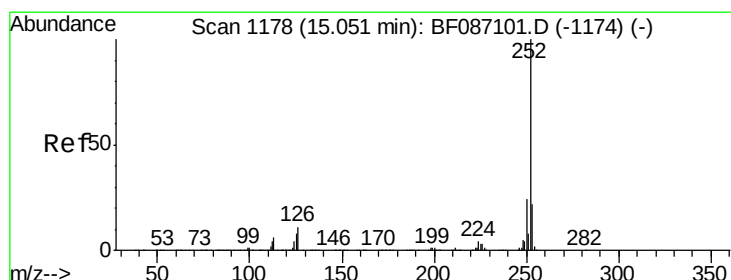
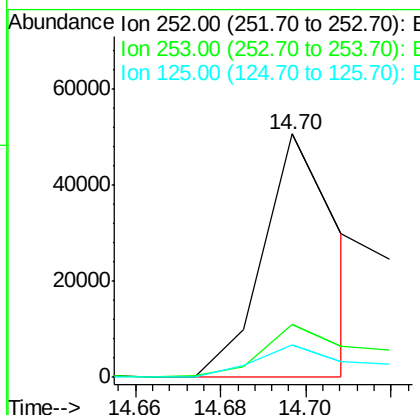
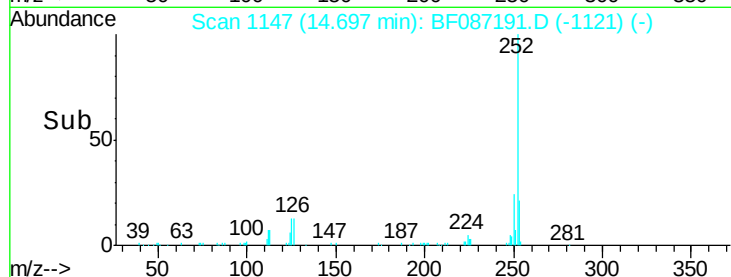
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Tgt Ion:	252	Resp:	62064
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	13.2	11.4	17.0

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#89

Benzo(a)pyrene

Concen: 4.43 ng

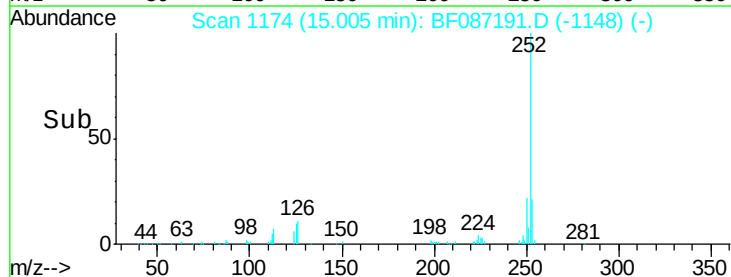
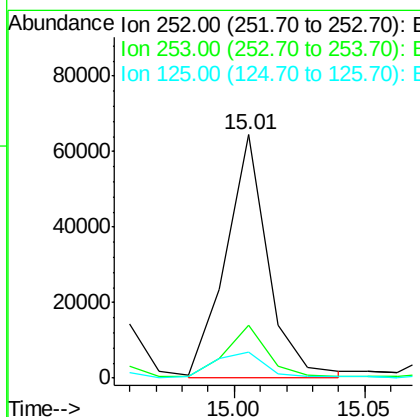
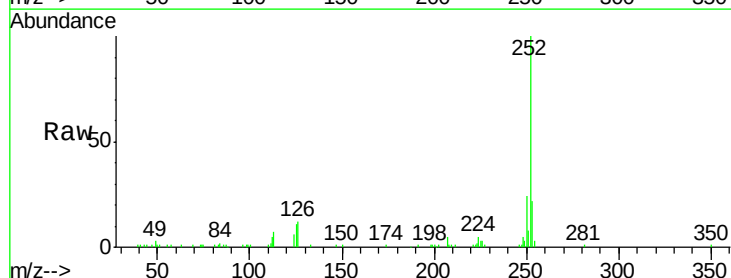
RT: 15.01 min Scan# 1174

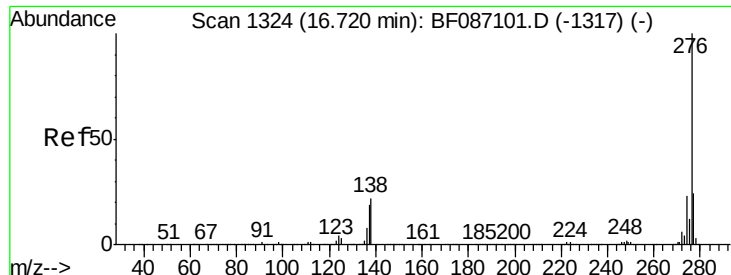
Delta R.T. 0.00 min

Lab File: BF087191.D

Acq: 19 May 2016 17:10

Tgt Ion:	252	Resp:	72343
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	10.6	9.0	13.6





#91
 Benzo(g,h,i)perylene
 Concen: 2.29 ng m
 RT: 16.65 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF087191.D
 Acq: 19 May 2016 17:10

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	20.4	23.6	35.4

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