

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
 Data File : BF098989.D
 Acq On : 1 Oct 2017 13:53
 Operator : SJ/JU
 Sample : I5563-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-SB-ESMI-1DL

Manual Integrations
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Sohil
 10/2/2017 5:49:05 PM

Quant Time: Oct 02 07:16:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	127346	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	516133	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	216794	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	324877	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	228768	20.00	ng	-0.02
86) Perylene-d12	15.56	264	246090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	89928	11.24	ng	-0.03
7) Phenol-d6	6.52	99	109680	11.11	ng	-0.03
23) Nitrobenzene-d5	7.46	82	63807	7.93	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	15471	8.72	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	124180	9.56	ng	-0.02
78) Terphenyl-d14	13.01	244	78046	7.76	ng	-0.02
Target Compounds						Qvalue
51) Acenaphthene	9.97	154	48197	3.553	ng	99
54) Dibenzofuran	10.14	168	44579	2.468	ng	99
57) Fluorene	10.49	166	62172	4.283	ng	99
70) Phenanthrene	11.46	178	343152	19.733	ng	98
71) Anthracene	11.50	178	244623	13.748	ng	99
74) Fluoranthene	12.64	202	316559	17.977	ng	98
77) Pyrene	12.87	202	245212	14.057	ng	99
80) Benzo(a)anthracene	14.06	228	120538	8.702	ng	96
82) Chrysene	14.09	228	96459	7.314	ng	97
85) Indeno(1,2,3-cd)pyrene	17.06	276	44669	4.234	ng	94
87) Benzo(b)fluoranthene	15.12	252	111351m	7.359	ng	
88) Benzo(k)fluoranthene	15.14	252	32530m	2.177	ng	
89) Benzo(a)pyrene	15.49	252	87183	6.277	ng	# 95
91) Benzo(a,h,i)perylene	17.52	276	39780	3.621	ng	95

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

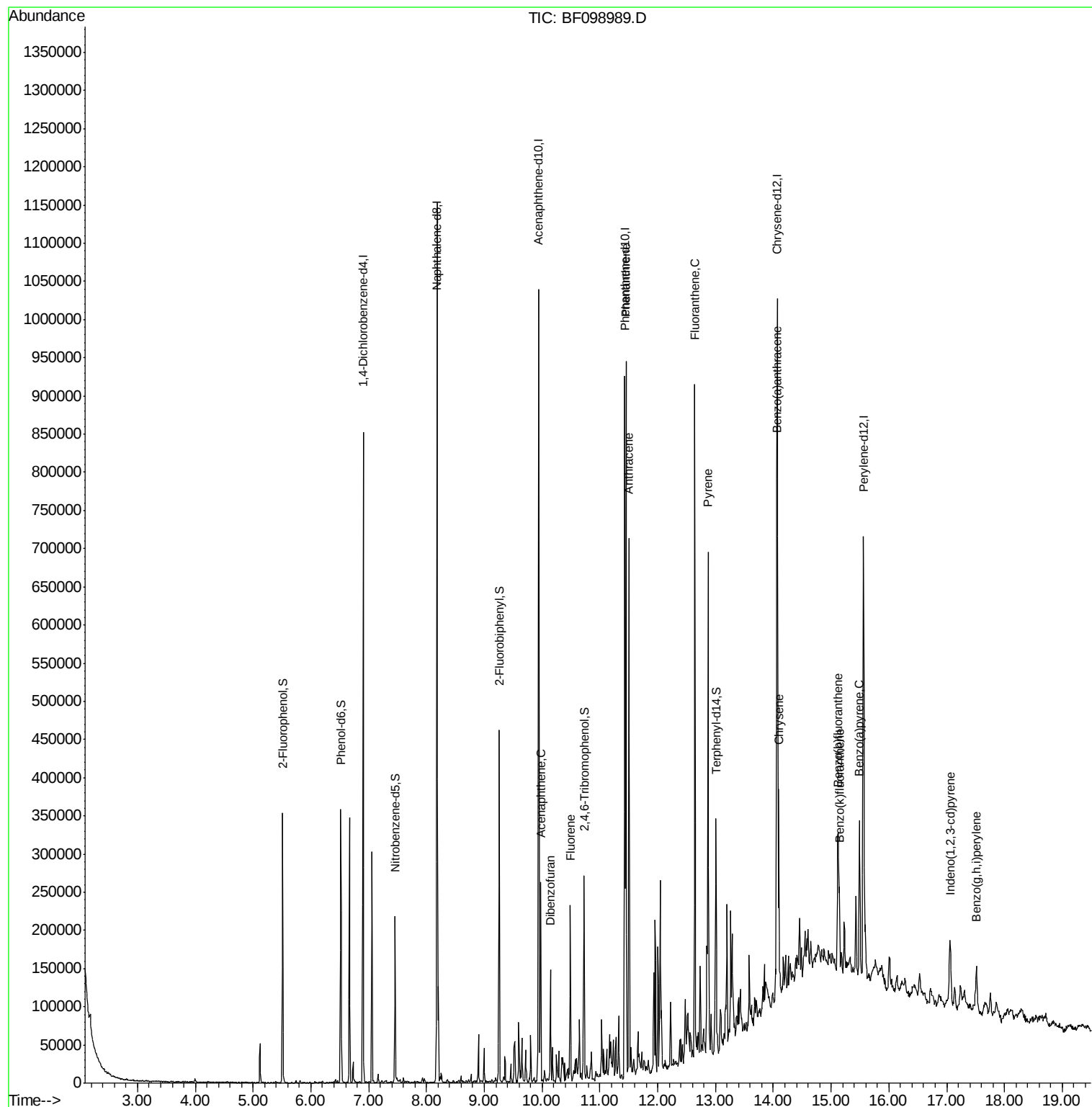
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
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ALS Vial : 7 Sample Multiplier: 1

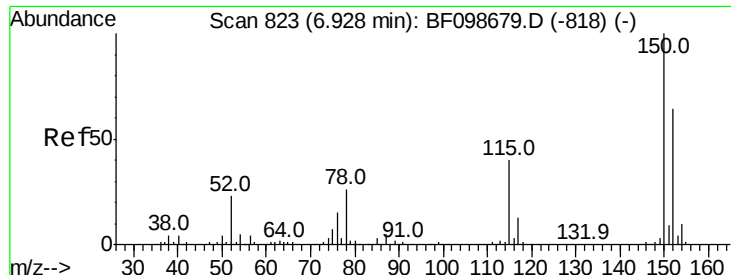
Instrument :
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ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

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#1

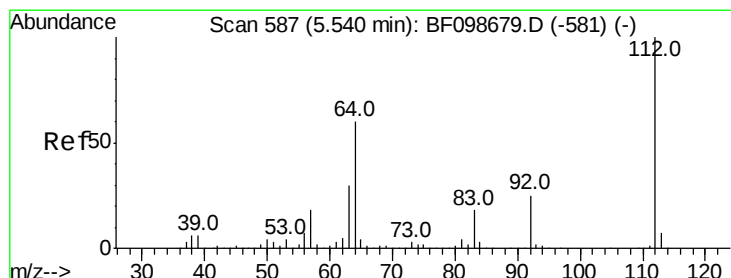
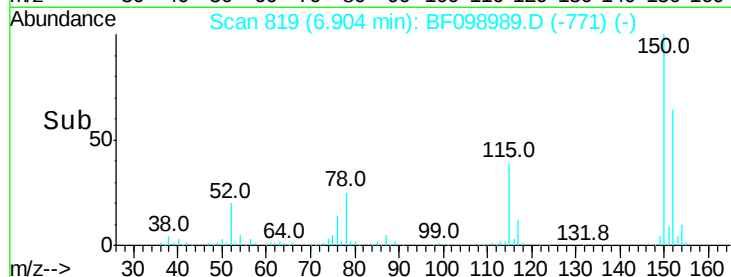
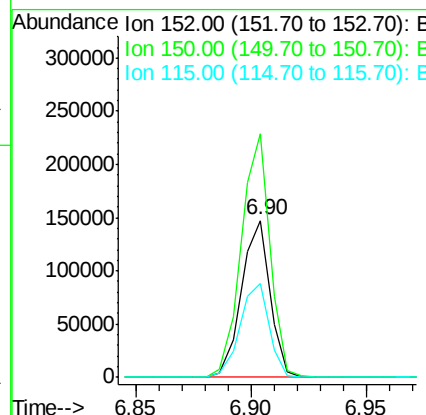
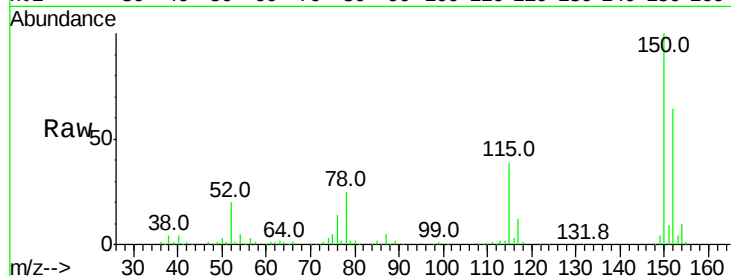
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.9	50.1	75.1

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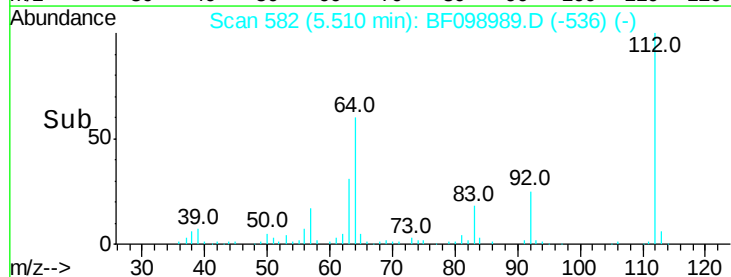
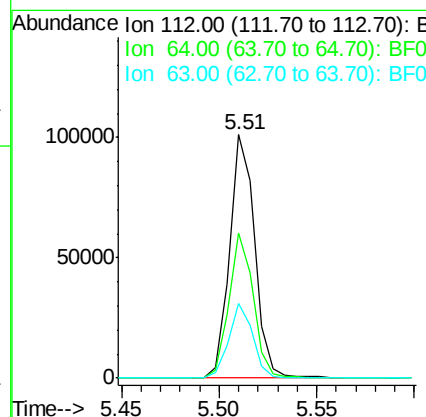
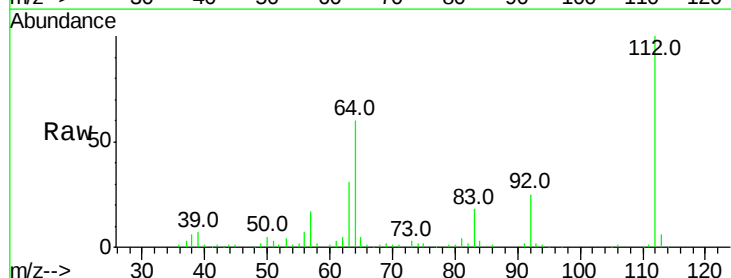
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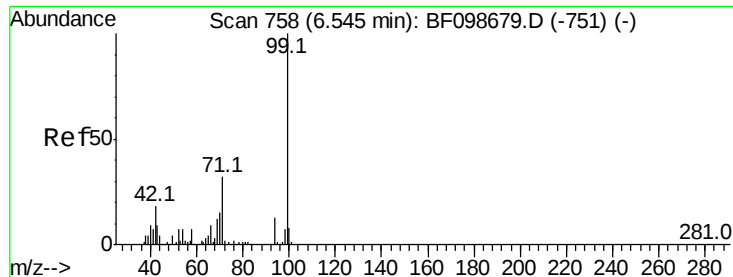


#5

2-Fluorophenol
Concen: 11.242 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 11.114 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Instrument :

BNA_F

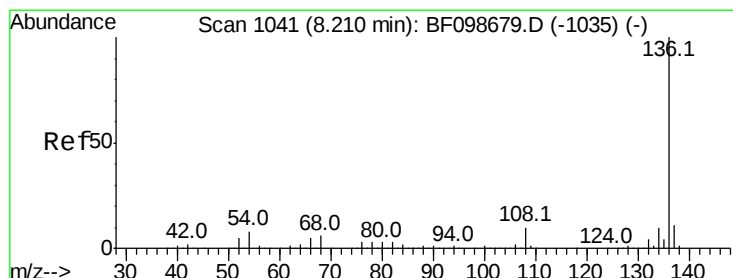
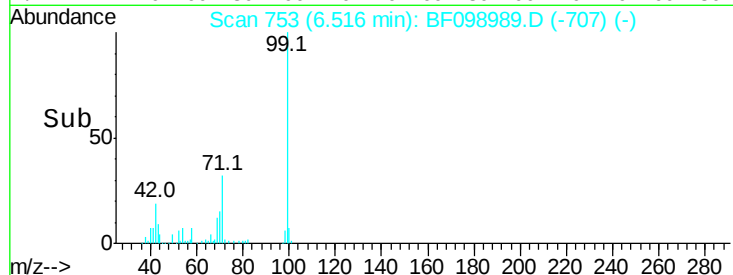
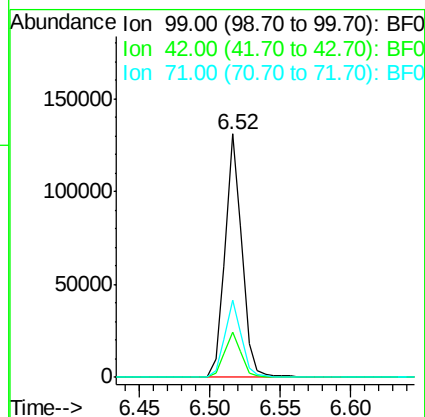
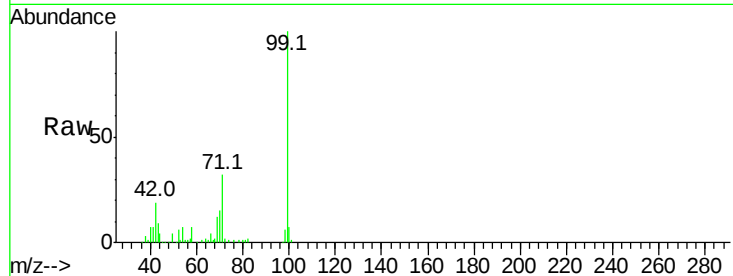
ClientSampleId :

NYSEG-PH4-SB-ESMI-1DL

Tot Ion:	99	Resp:	109680
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	31.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

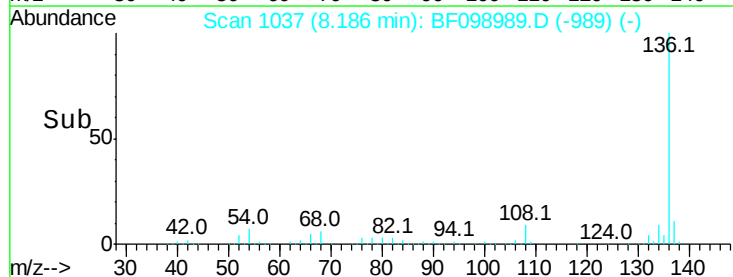
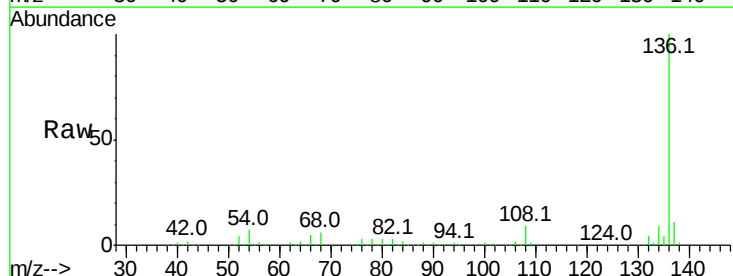
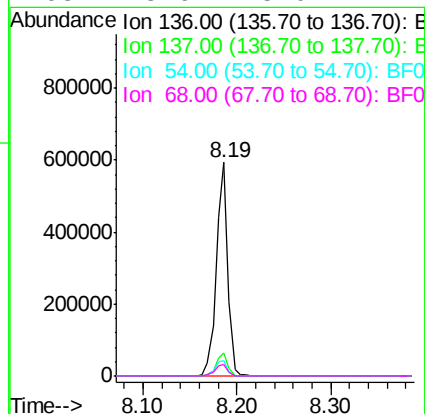
RT: 8.19 min Scan# 1037

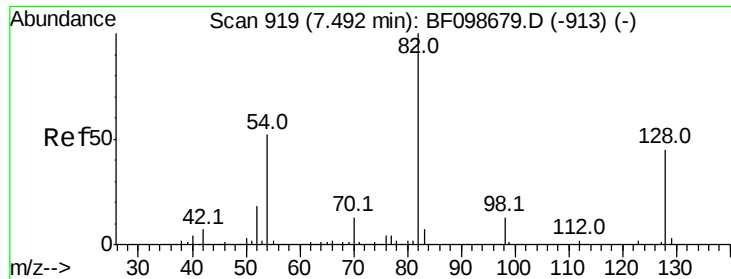
Delta R.T. -0.02 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Tgt Ion:	136	Resp:	516133
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	7.4	6.6	9.8
68	5.6	5.0	7.4





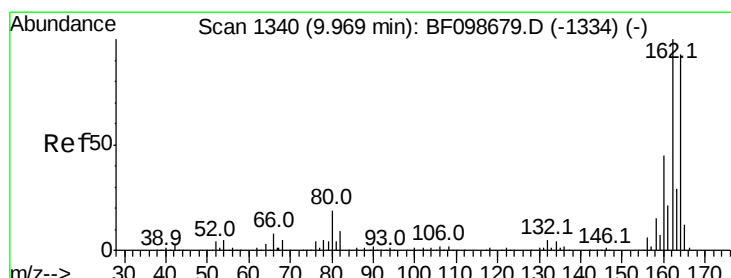
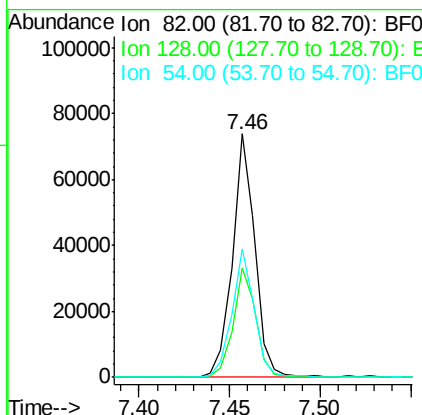
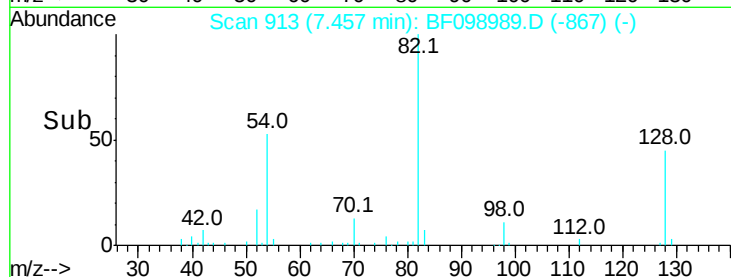
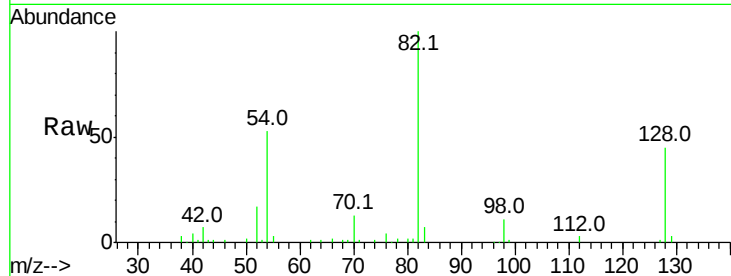
#23
Nitrobenzene-d5
Concen: 7.928 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	52.5	41.4	62.2

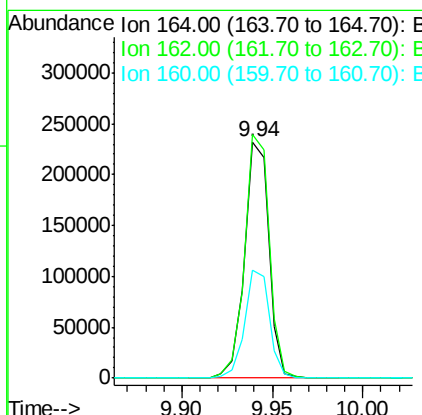
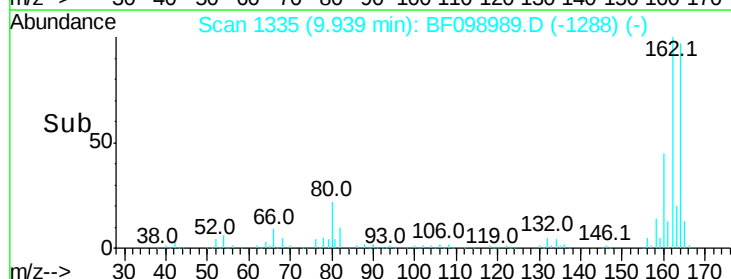
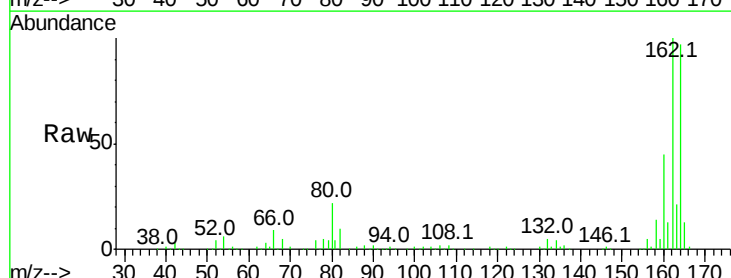
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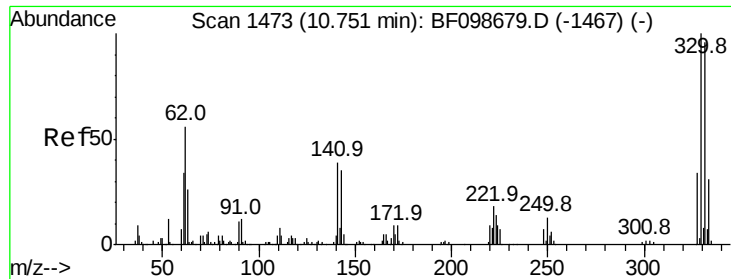
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.9	38.3	57.5





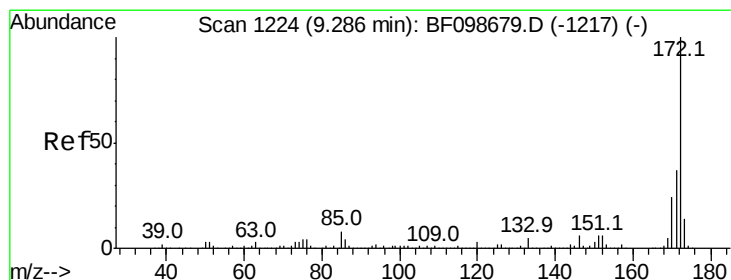
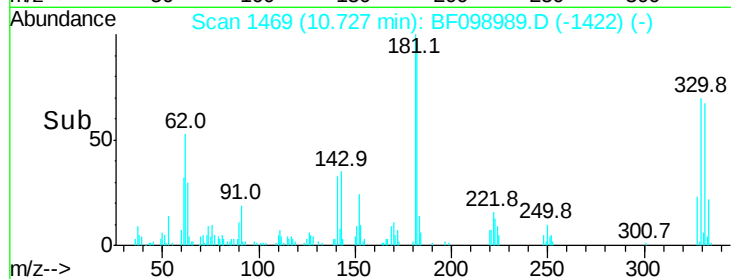
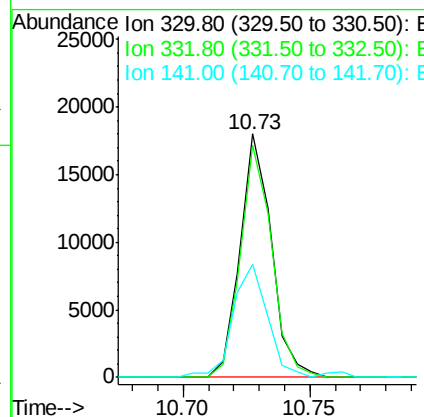
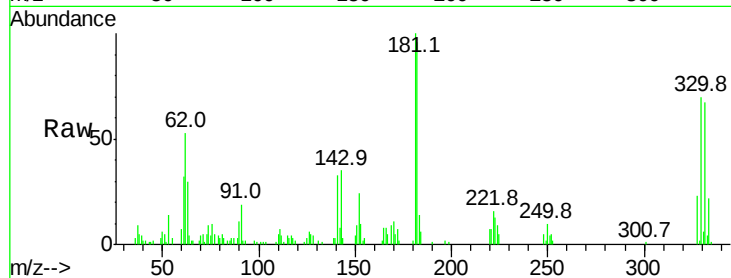
#41
 2,4,6-Tribromophenol
 Concen: 8.721 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BF098989.D
 Acq: 1 Oct 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	50.7	29.9	44.9

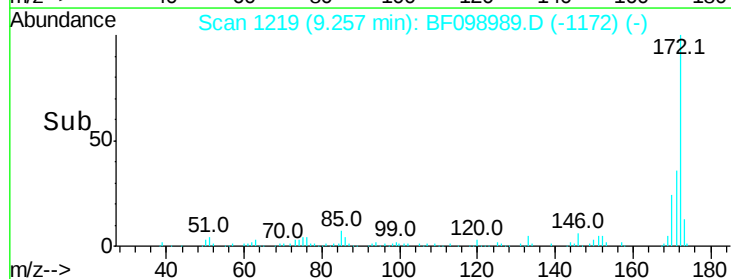
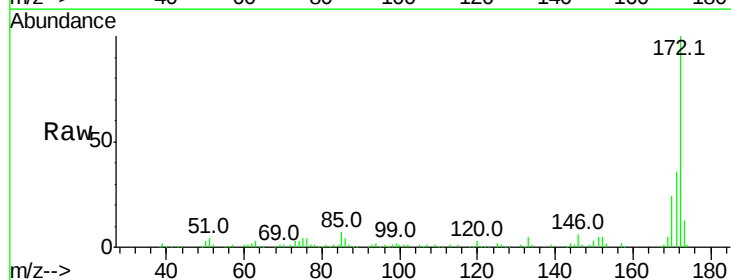
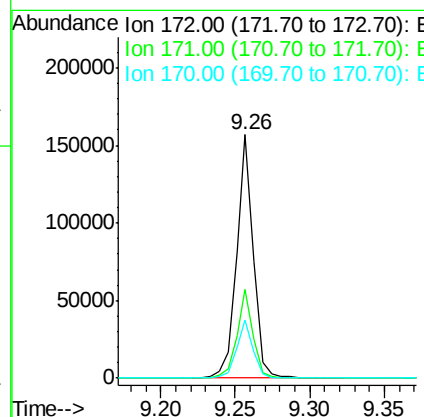
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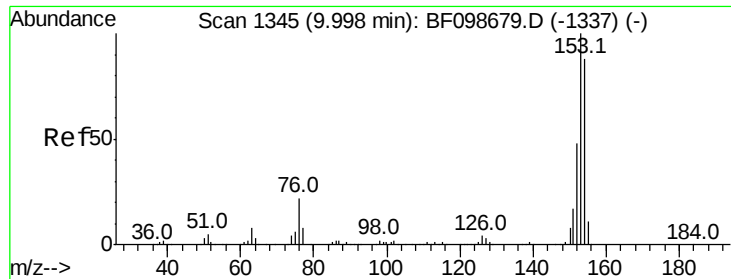
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#44
 2-Fluorobiphenyl
 Concen: 9.562 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF098989.D
 Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4





#51

Acenaphthene

Concen: 3.553 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Instrument :

BNA_F

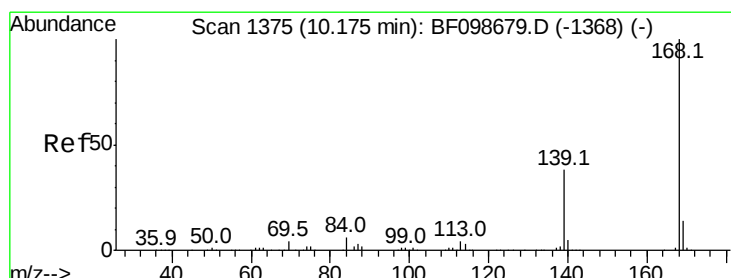
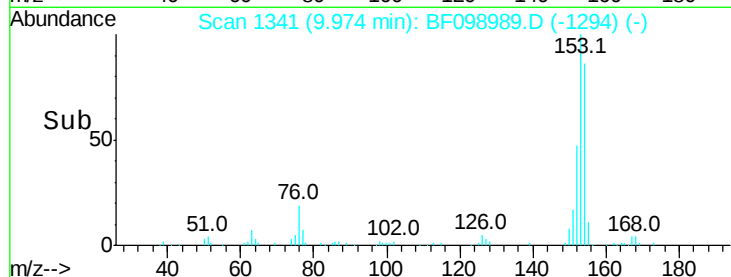
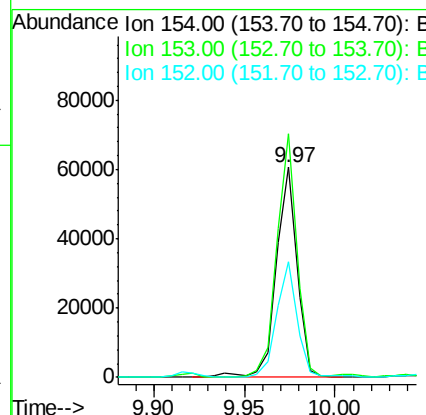
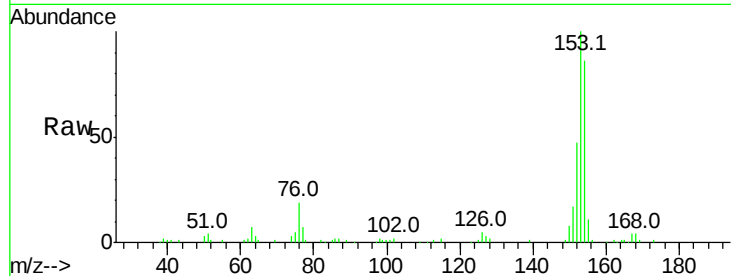
ClientSampleId :

NYSEG-PH4-SB-ESMI-1DL

Tot Ion:	154	Resp:	48197
Ion Ratio	Lower	Upper	
154	100		
153	115.9	91.2	136.8
152	55.0	43.8	65.8

Manual Integrations
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#54

Dibenzofuran

Concen: 2.468 ng

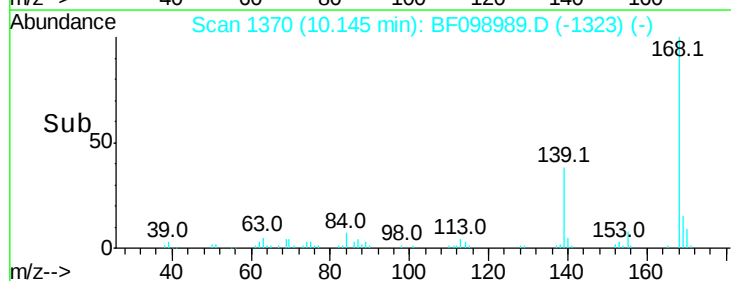
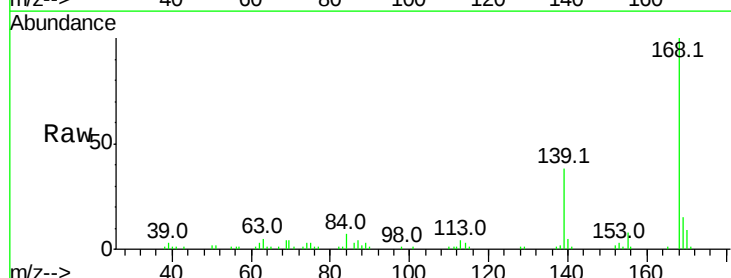
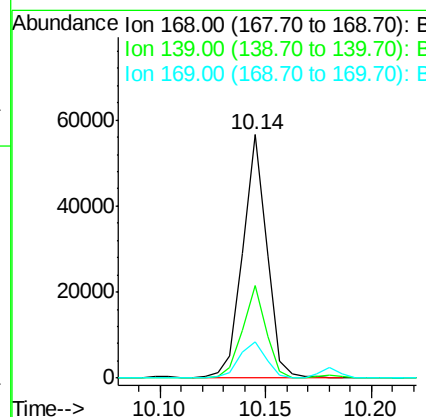
RT: 10.14 min Scan# 1370

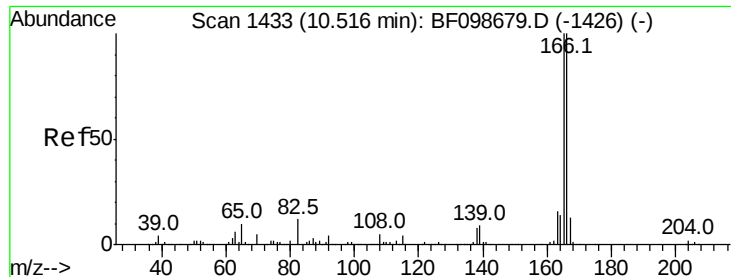
Delta R.T. -0.02 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Tgt Ion:	168	Resp:	44579
Ion Ratio	Lower	Upper	
168	100		
139	38.0	30.1	45.1
169	15.1	10.9	16.3





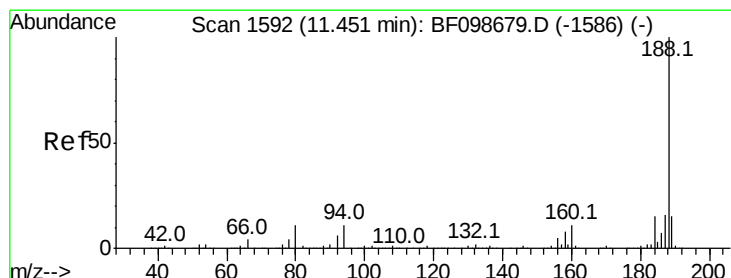
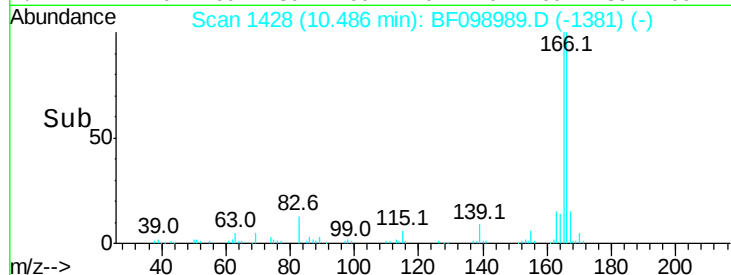
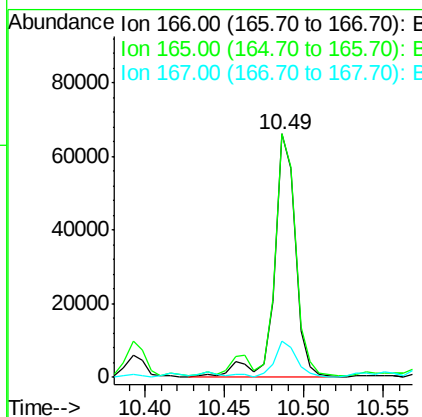
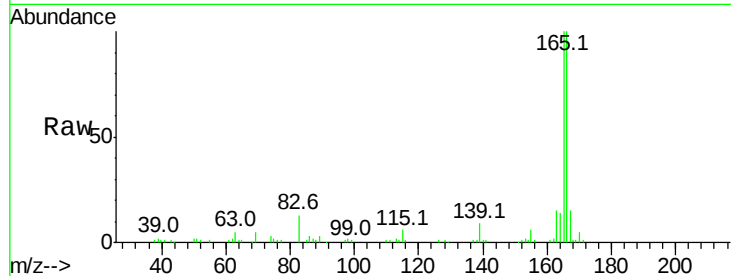
#57
Fluorene
 Concen: 4.283 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.02 min
 Lab File: BF098989.D
 Acq: 1 Oct 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	15.2	10.6	16.0

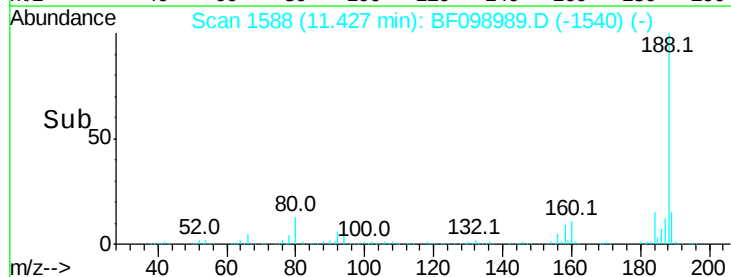
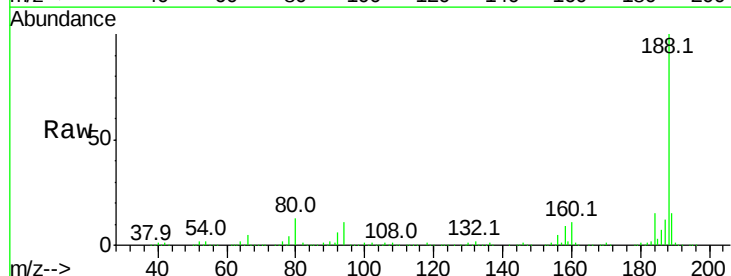
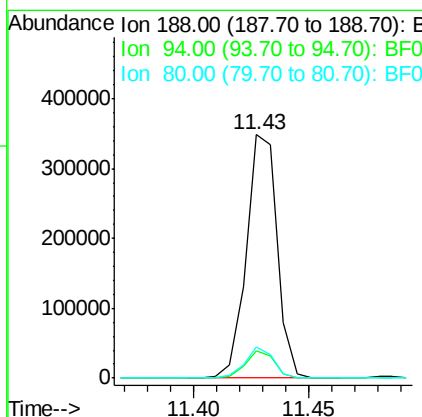
Manual Integrations
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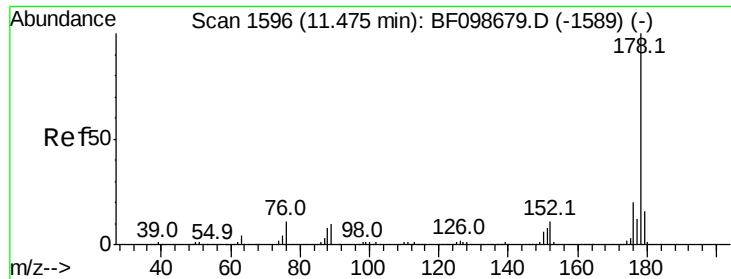
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF098989.D
 Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	13.0	9.2	13.8





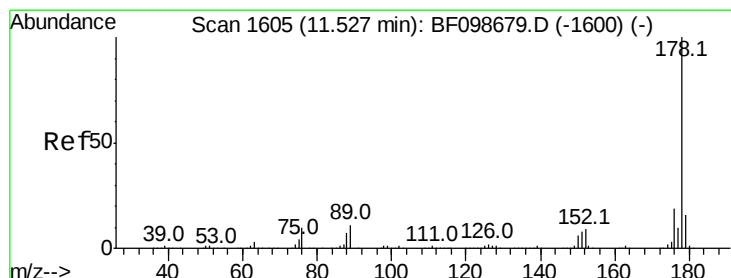
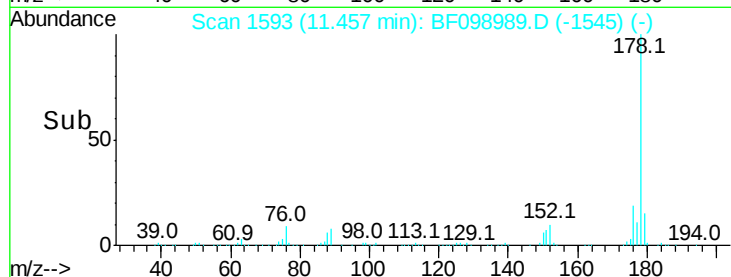
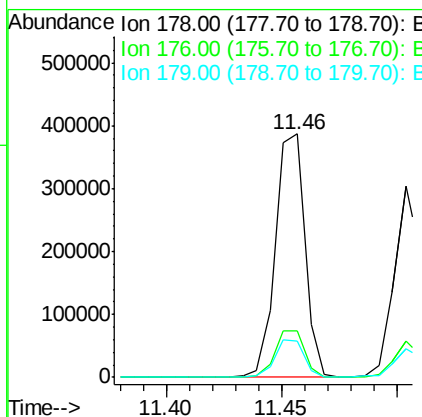
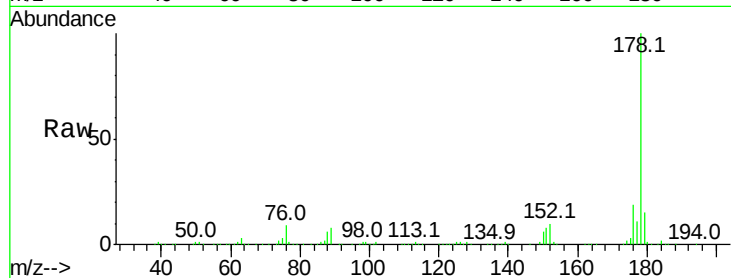
#70
Phenanthrene
Concen: 19.733 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6

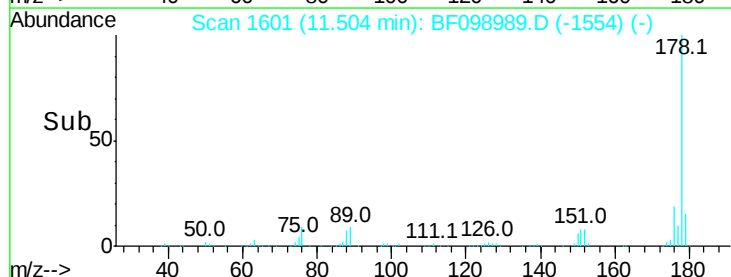
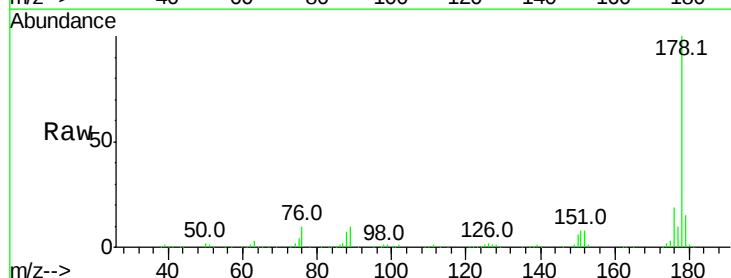
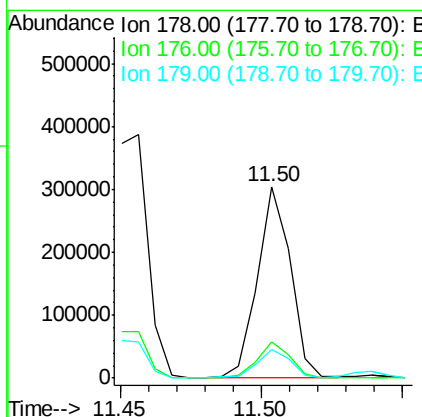
Manual Integrations
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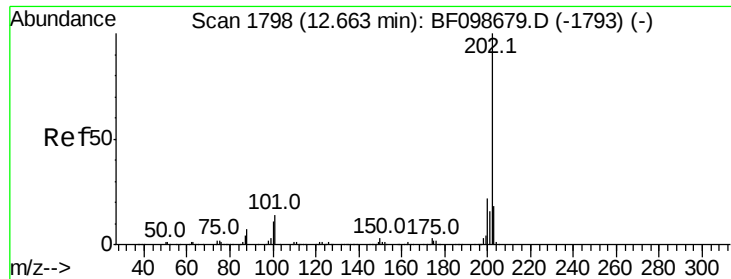
Sohil
10/2/2017 5:49:05 PM



#71
Anthracene
Concen: 13.748 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0





#74

Fluoranthene

Concen: 17.977 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Instrument :

BNA_F

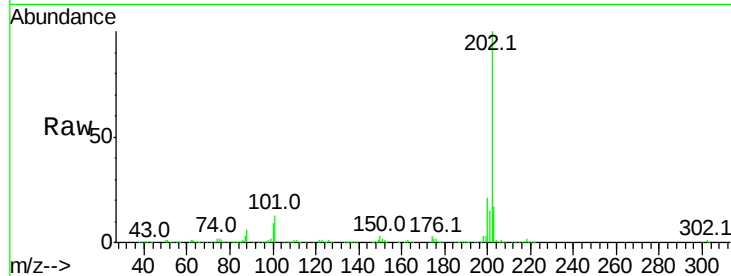
ClientSampleId :

NYSEG-PH4-SB-ESMI-1DL

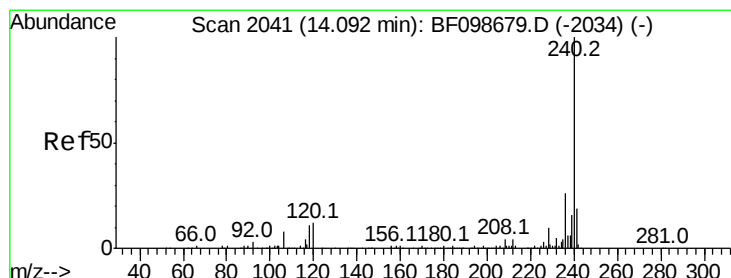
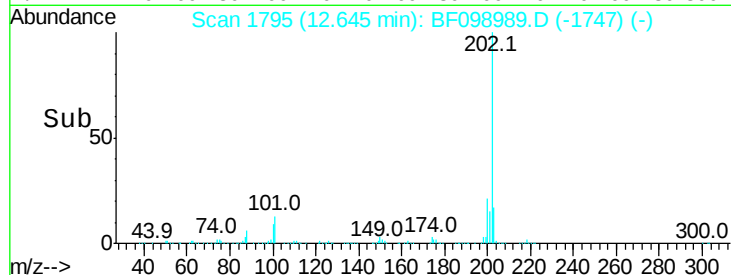
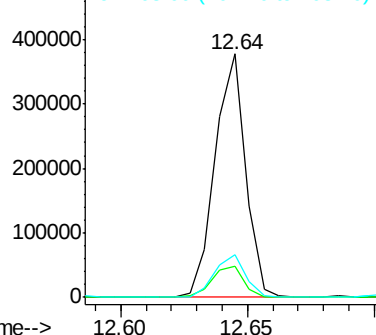
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.4	0.0	38.1

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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: 20.000 ng

RT: 14.07 min Scan# 2037

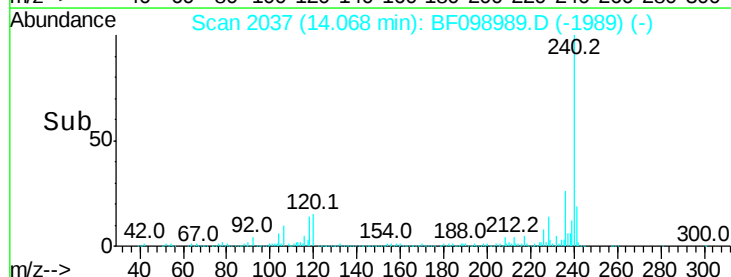
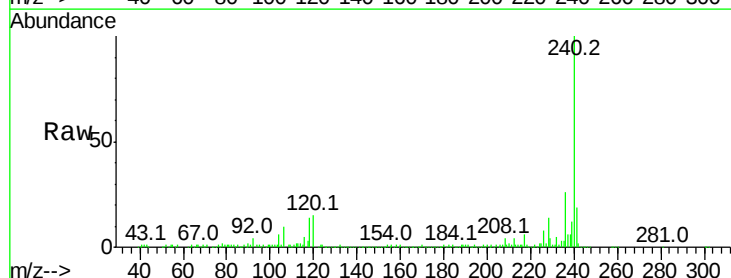
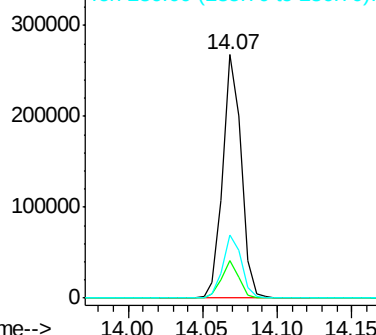
Delta R.T. -0.02 min

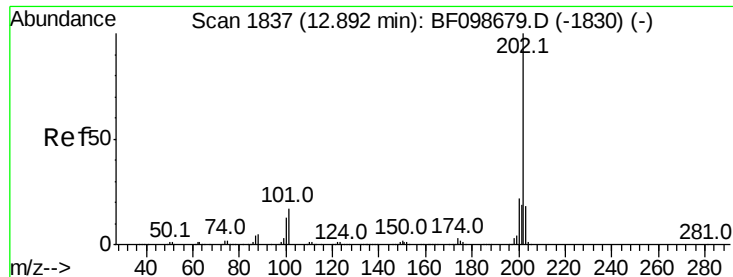
Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.8	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 14.057 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Instrument :

BNA_F

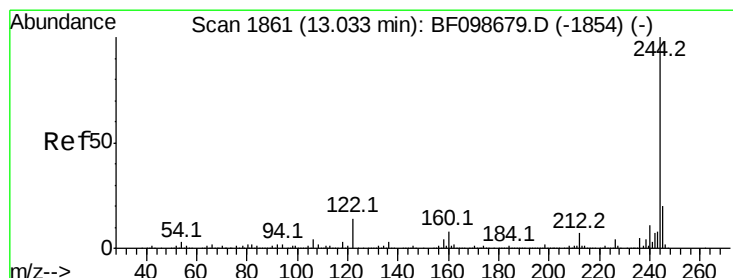
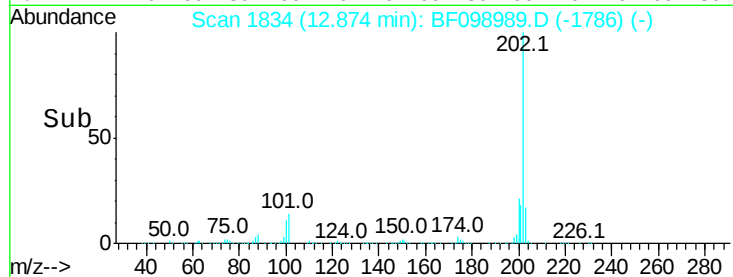
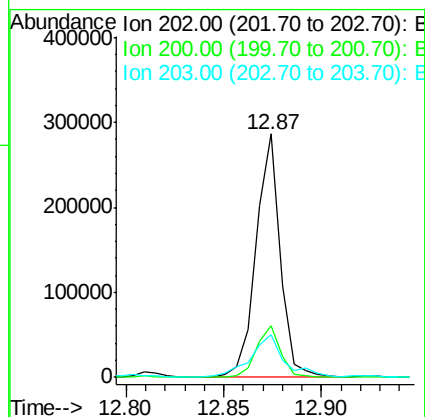
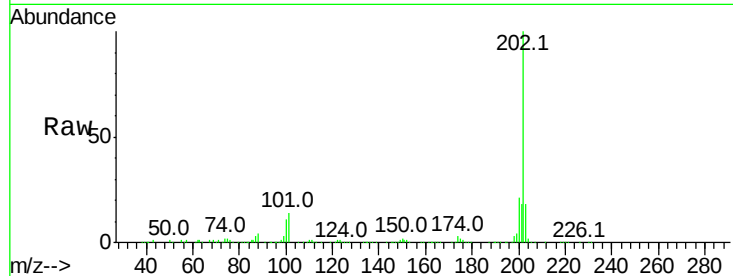
ClientSampleId :

NYSEG-PH4-SB-ESMI-1DL

Tot Ion:	202	Resp:	245212
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 7.759 ng

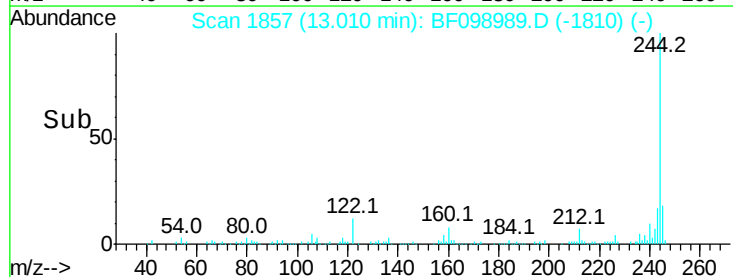
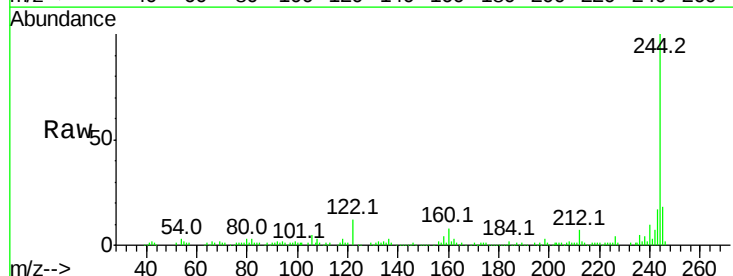
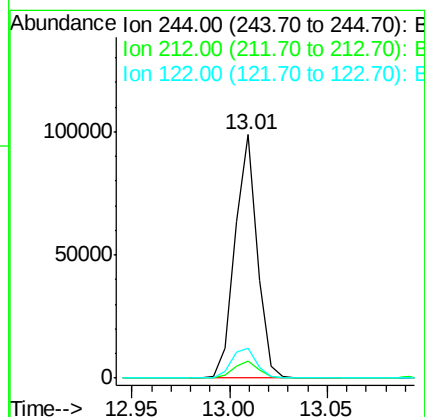
RT: 13.01 min Scan# 1857

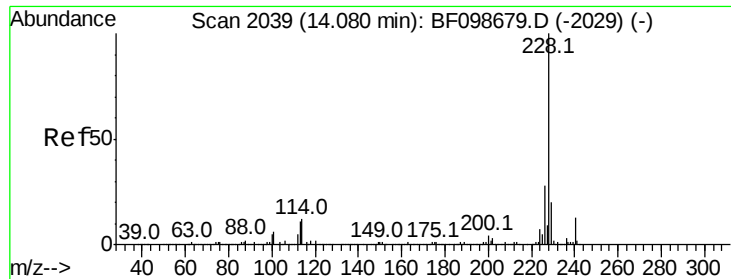
Delta R.T. -0.02 min

Lab File: BF098989.D

Acq: 1 Oct 2017 13:53

Tgt Ion:	244	Resp:	78046
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4





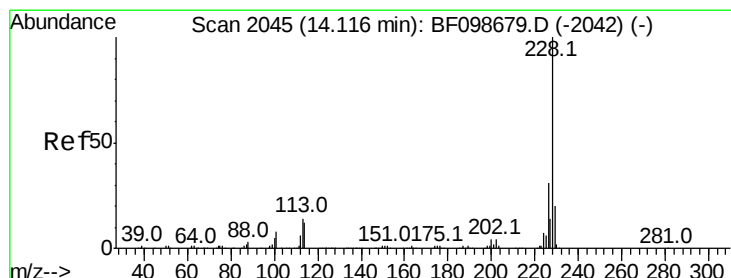
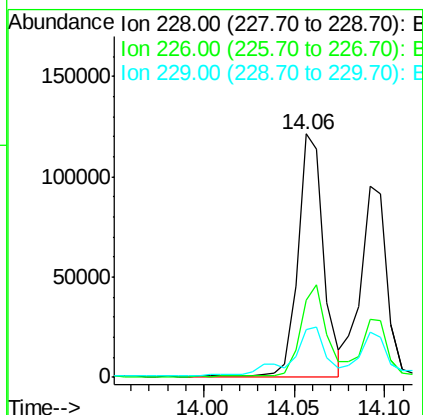
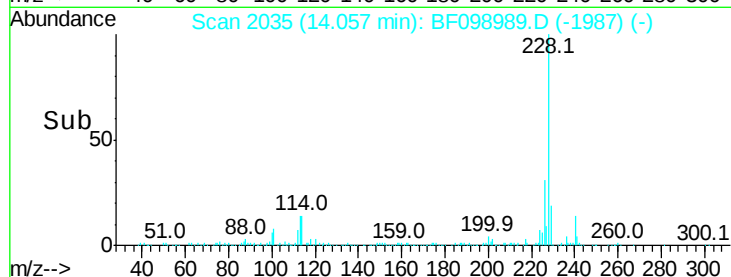
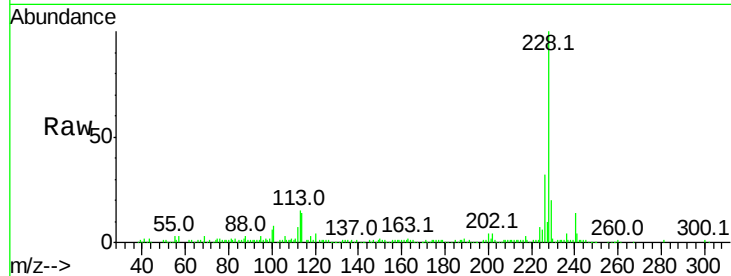
#80
Benzo(a)anthracene
Concen: 8.702 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	19.5	15.8	23.6

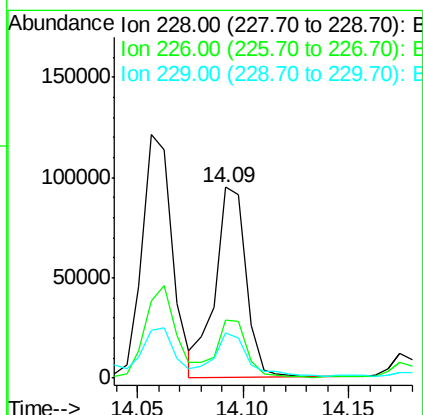
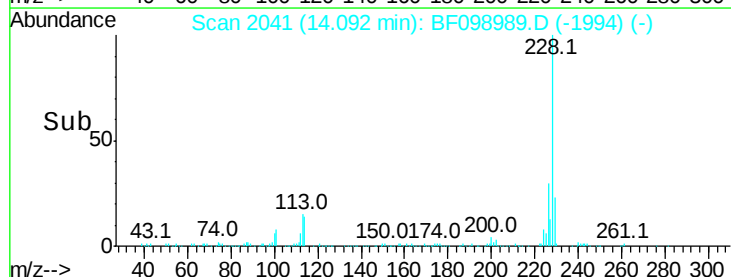
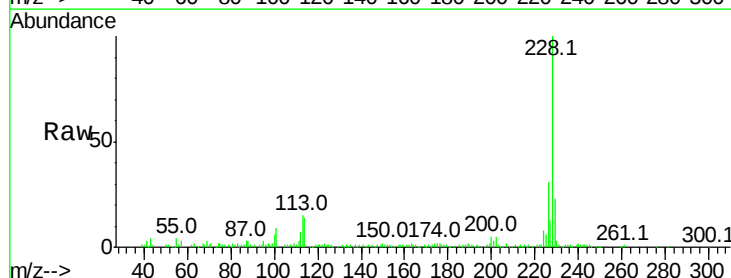
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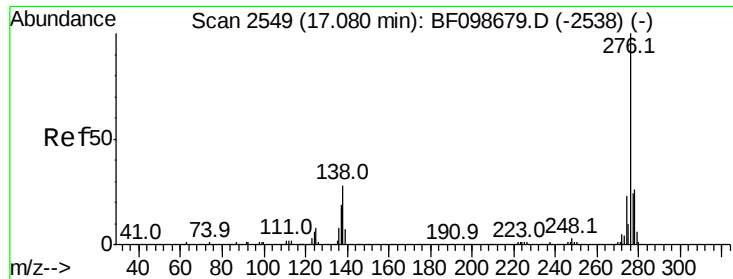
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#82
Chrysene
Concen: 7.314 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.4	16.2	24.4





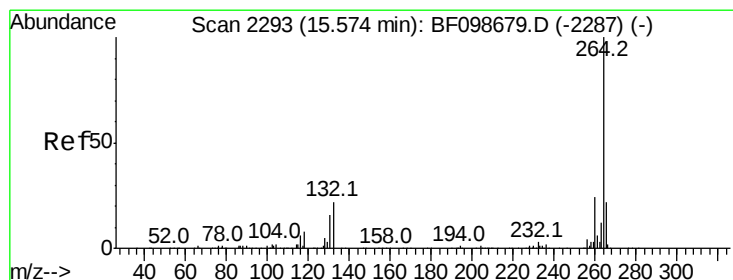
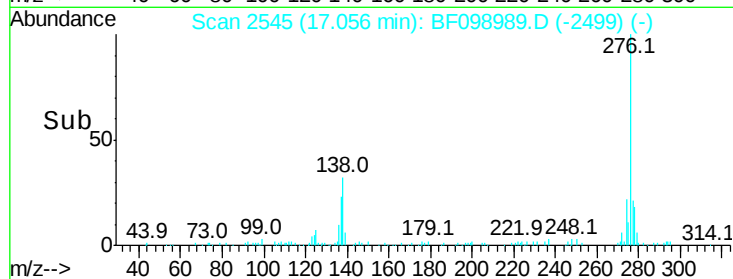
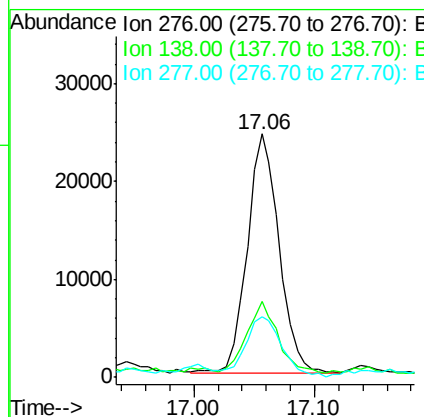
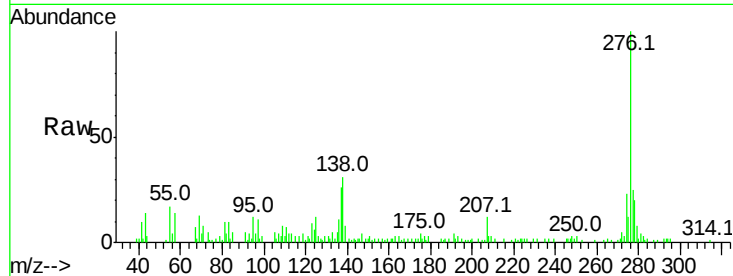
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.234 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.03 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	29.3	20.1	30.1

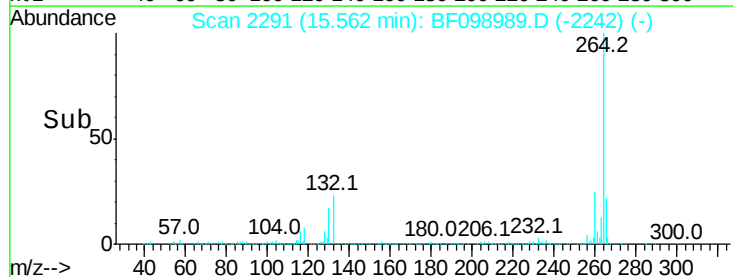
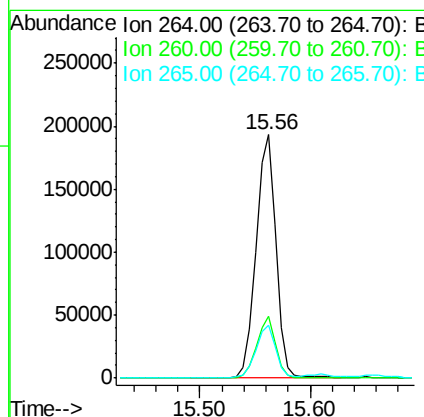
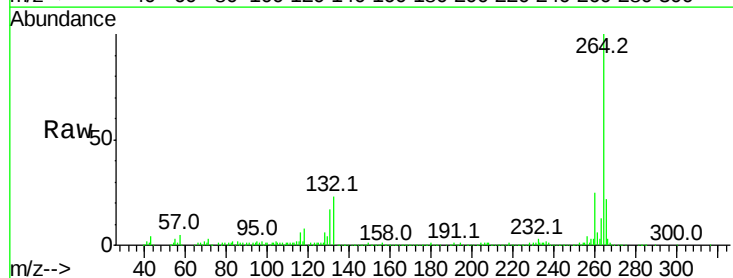
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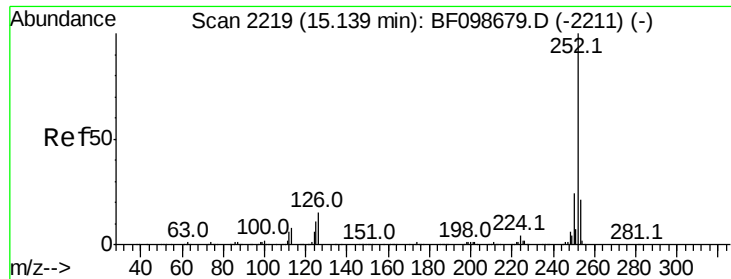
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	21.8	17.5	26.3





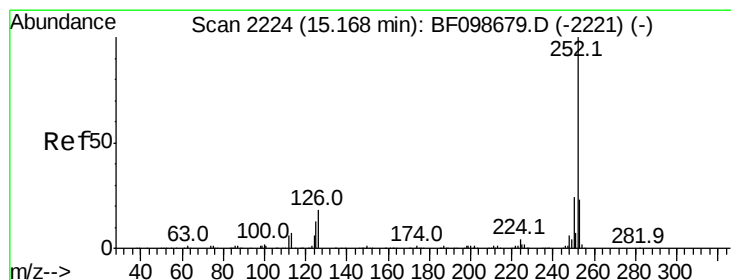
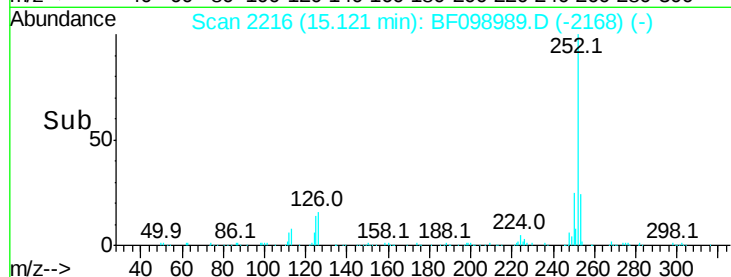
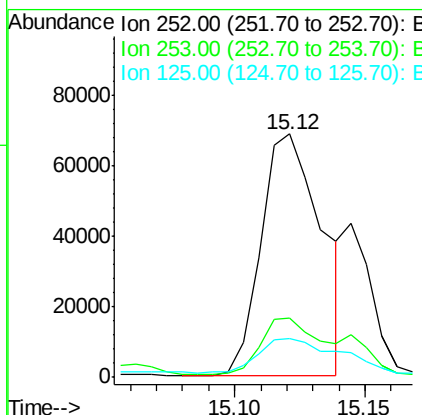
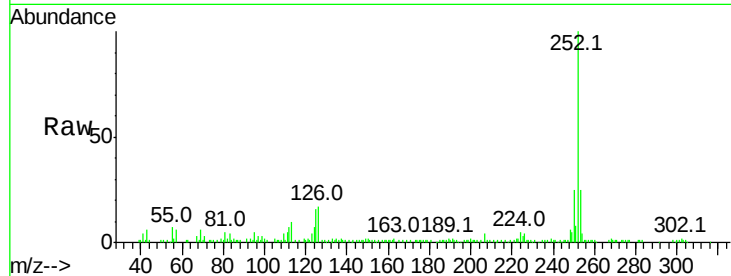
#87
Benzo(b)fluoranthene
Concen: 7.359 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	16.2	9.0	13.6

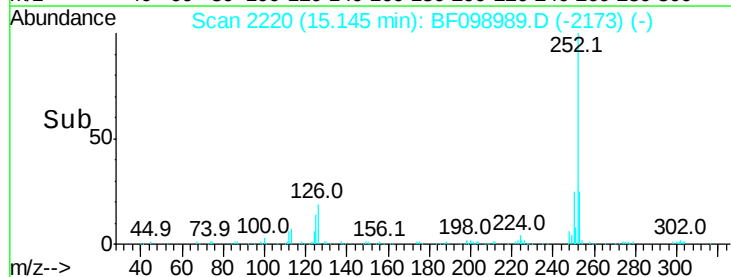
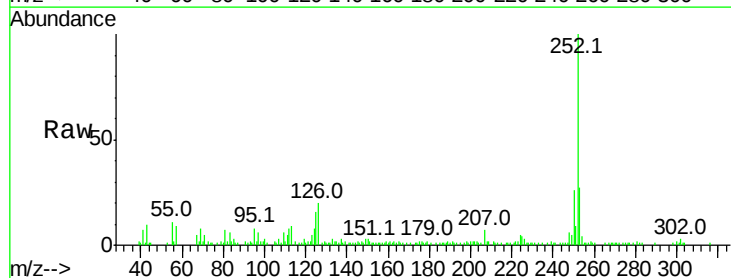
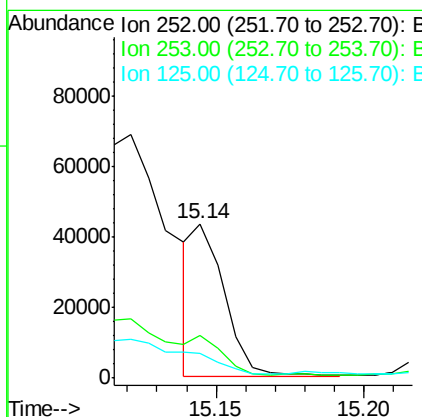
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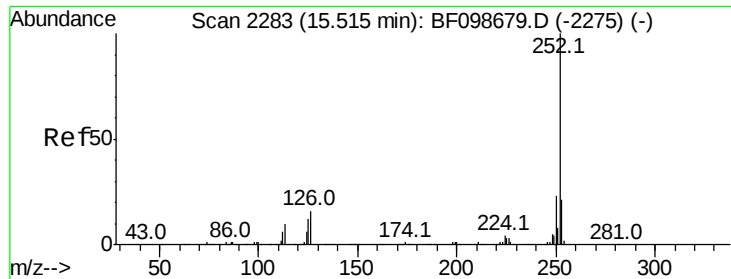
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#88
Benzo(k)fluoranthene
Concen: 2.177 ng m
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.9	26.9
125	16.2	10.2	15.2





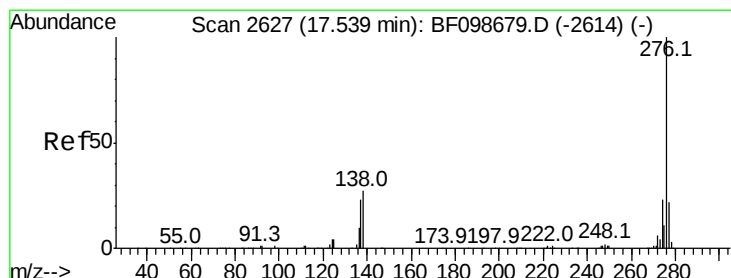
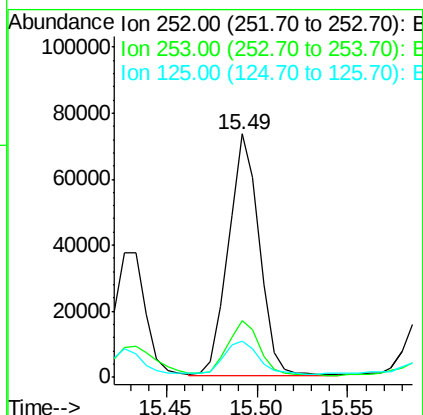
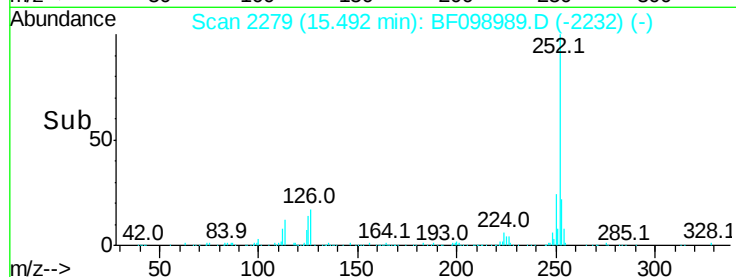
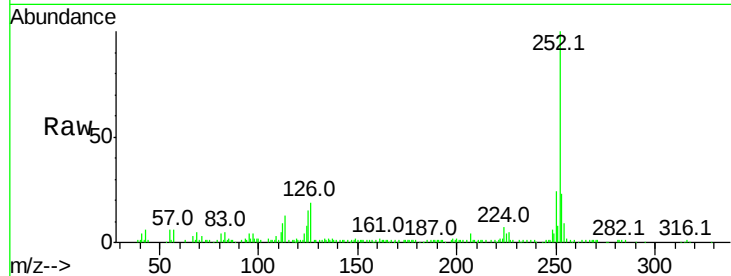
#89
Benzo(a)pyrene
Concen: 6.277 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	15.0	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 3.621 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.03 min
Lab File: BF098989.D
Acq: 1 Oct 2017 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	29.8	21.8	32.8

