

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097576.D
 Acq On : 10 Aug 2017 23:42
 Operator : SJ/JU
 Sample : I4697-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-9A

Manual Integrations
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Quant Time: Aug 11 05:21:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	101804	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	396332	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	176209	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	259998	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	184247	20.00	ng	-0.02
86) Perylene-d12	14.86	264	180726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	589997	87.37	ng	-0.02
7) Phenol-d6	6.07	99	729669	94.64	ng	-0.02
23) Nitrobenzene-d5	6.96	82	416838	61.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	108917	78.23	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	618534	59.57	ng	-0.02
78) Terphenyl-d14	12.47	244	332195	36.76	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.70	128	53588	2.868	ng	98
48) Acenaphthylene	9.28	152	37607	2.212	ng	98
49) Dimethylphthalate	9.16	163	120202	8.983	ng	99
51) Acenaphthene	9.45	154	47036	4.697	ng	99
57) Fluorene	9.96	166	50743	5.062	ng	99
70) Phenanthrene	10.92	178	434505	31.190	ng	99
71) Anthracene	10.97	178	118422	8.300	ng	98
74) Fluoranthene	12.10	202	487676	35.734	ng	99
77) Pyrene	12.32	202	422045	27.980	ng	100
80) Benzo(a)anthracene	13.51	228	199725	16.753	ng	96
82) Chrysene	13.54	228	147488	12.670	ng	97
85) Indeno(1,2,3-cd)pyrene	16.05	276	55258	5.536	ng	# 91
87) Benzo(b)fluoranthene	14.52	252	192327m	17.703	ng	
88) Benzo(k)fluoranthene	14.53	252	75897m	7.331	ng	
89) Benzo(a)pyrene	14.81	252	161941	16.287	ng	98
91) Benzo(g,h,i)perylene	16.40	276	50647	5.923	ng	91

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

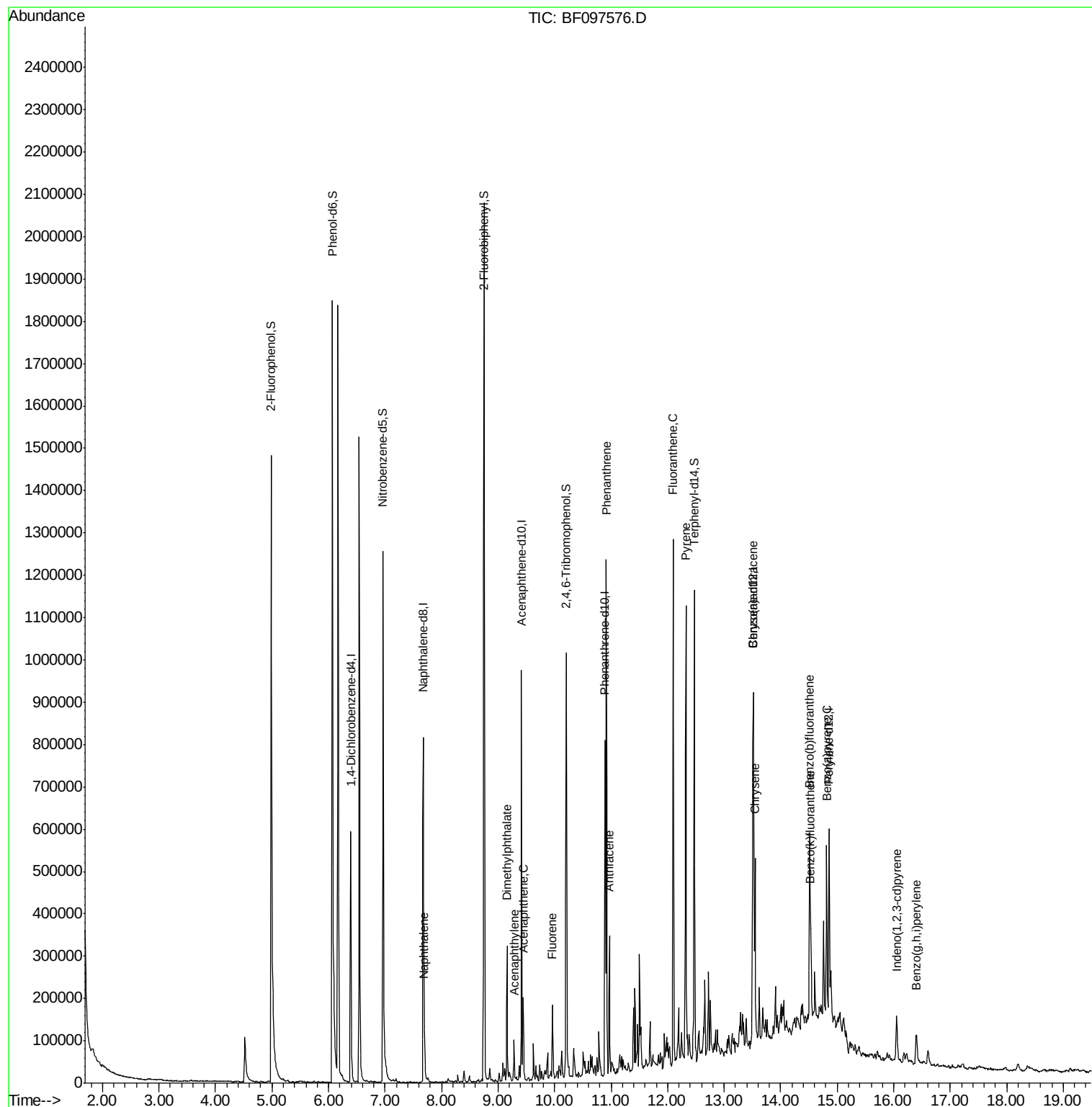
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097576.D
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ALS Vial : 18 Sample Multiplier: 1

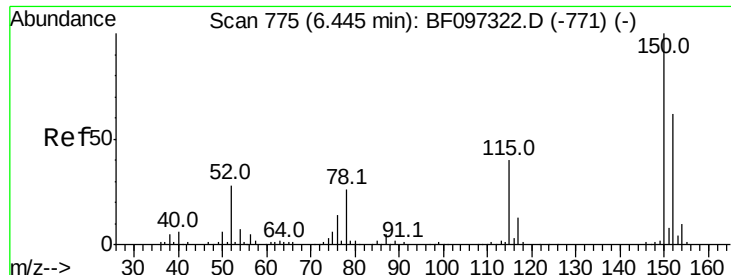
Instrument :
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#1

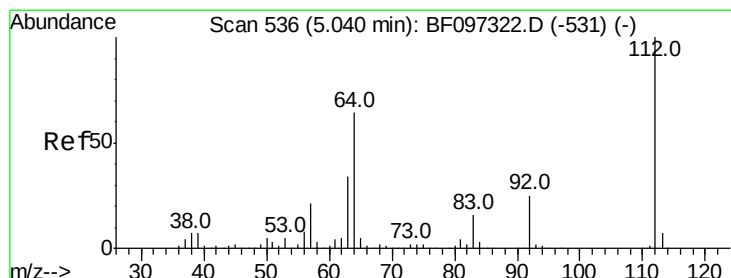
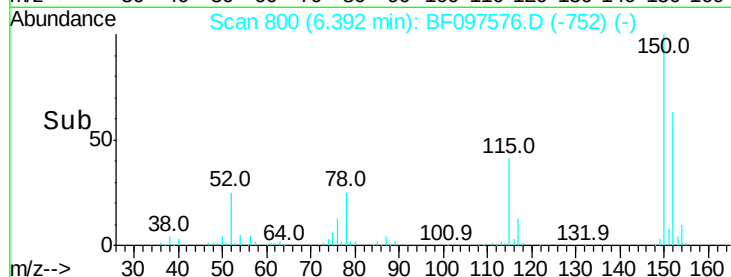
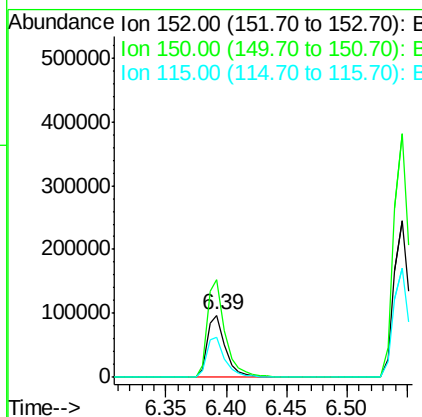
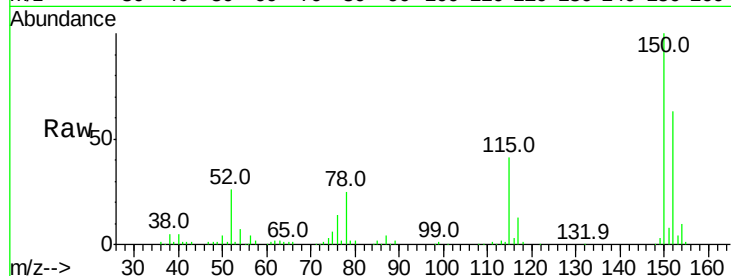
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	64.8	52.2	78.2

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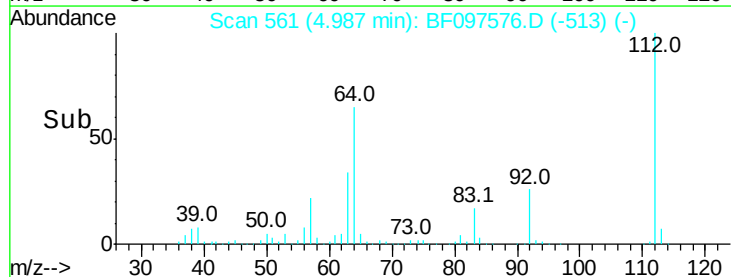
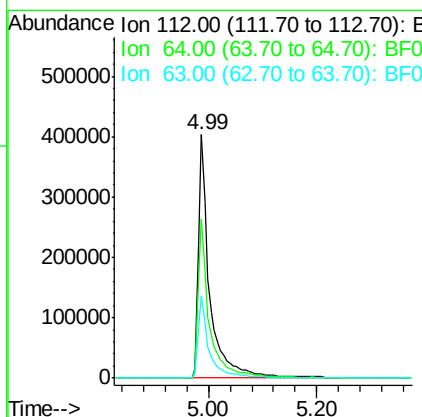
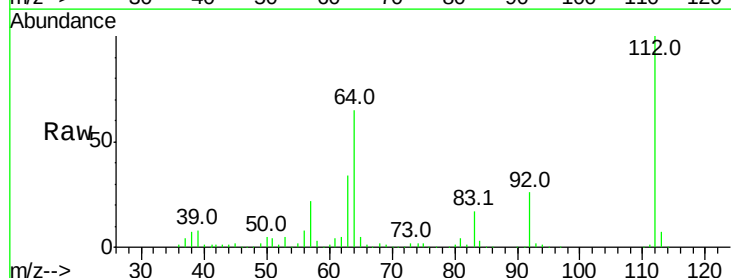
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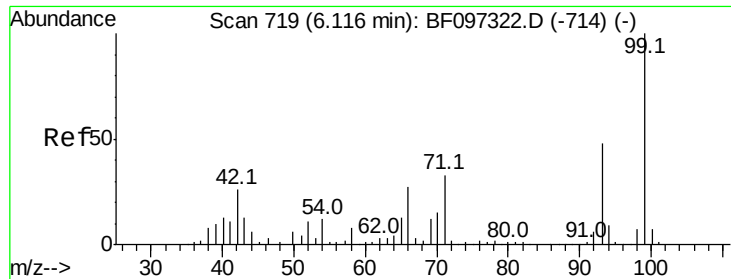


#5

2-Fluorophenol
Concen: 87.365 ng
RT: 4.99 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	33.8	23.4	35.0





#7

Phenol-d6

Concen: 94.644 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Instrument :

BNA_F

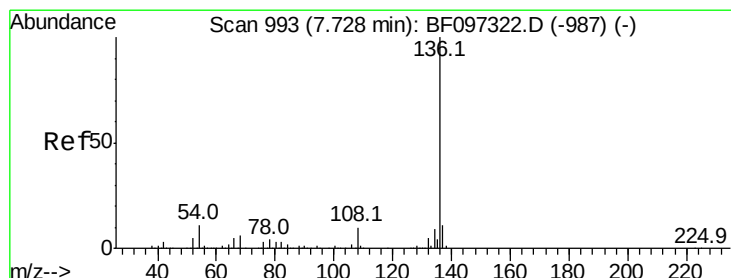
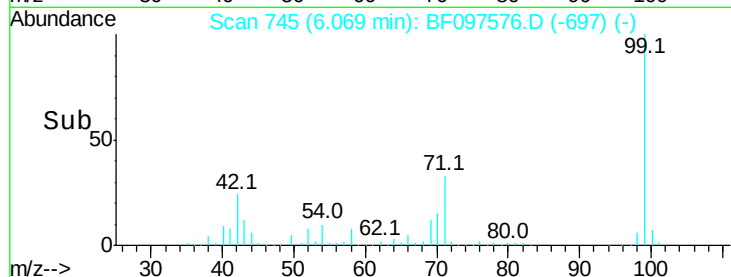
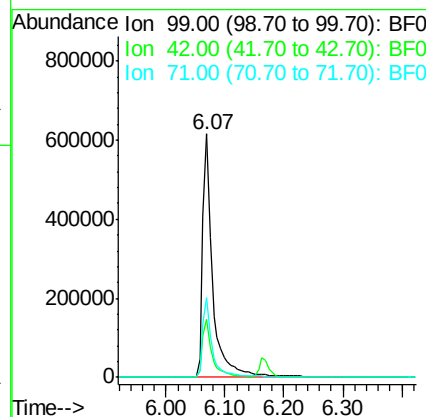
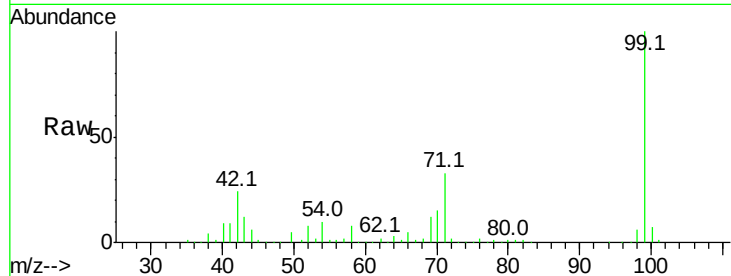
ClientSampleId :

NYSEG-PH4-ESMI-9A

Tot Ion:	99	Resp:	729669
Ion Ratio	Lower	Upper	
99	100		
42	23.9	13.5	20.3#
71	32.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

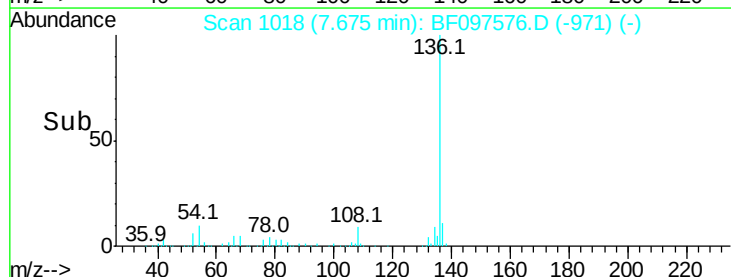
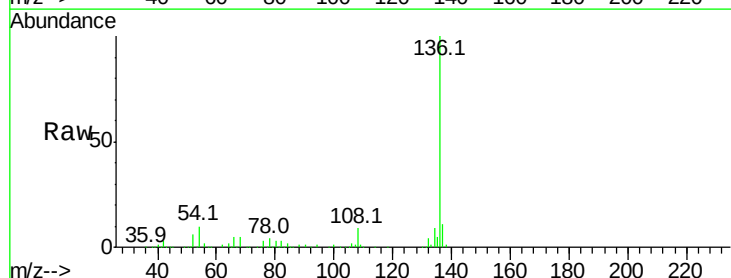
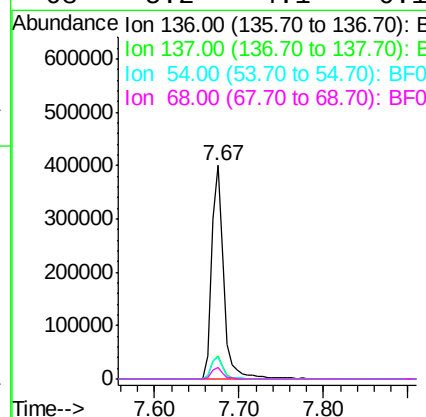
RT: 7.67 min Scan# 1018

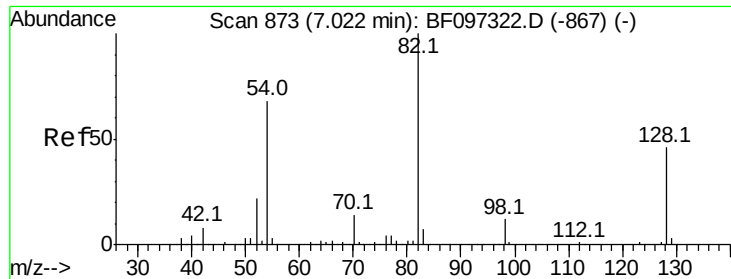
Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Tgt Ion:	136	Resp:	396332
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	10.4	4.9	7.3#
68	5.2	4.1	6.1





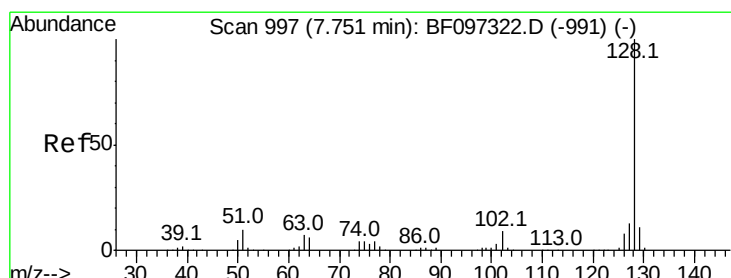
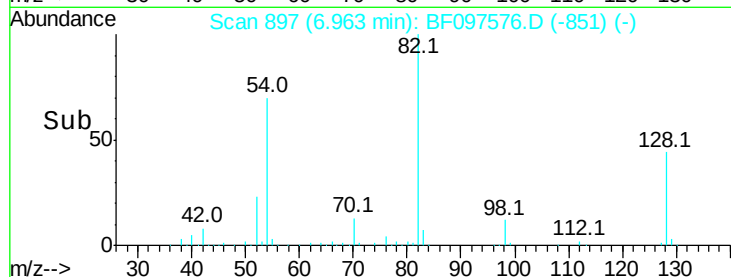
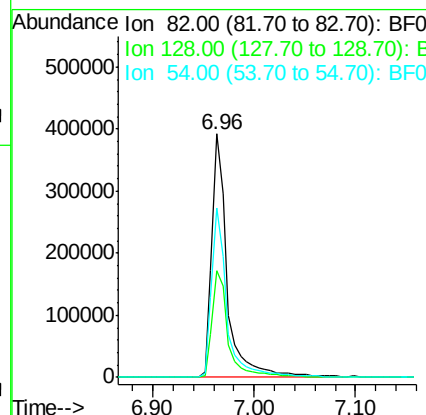
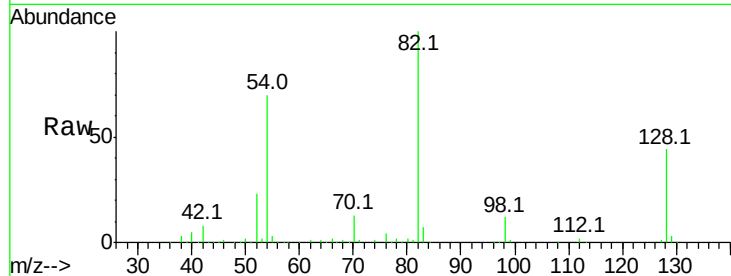
#23
 Nitrobenzene-d5
 Concen: 61.699 ng
 RT: 6.96 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BF097576.D
 Acq: 10 Aug 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	69.8	42.2	63.2

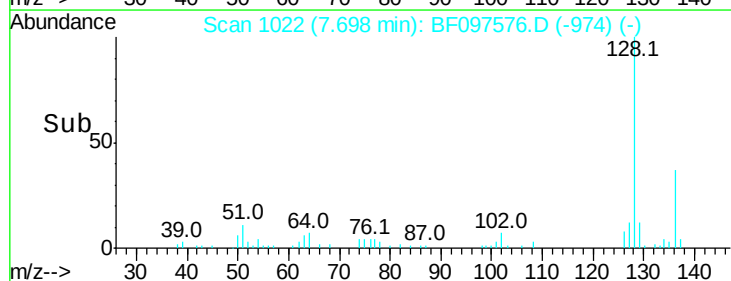
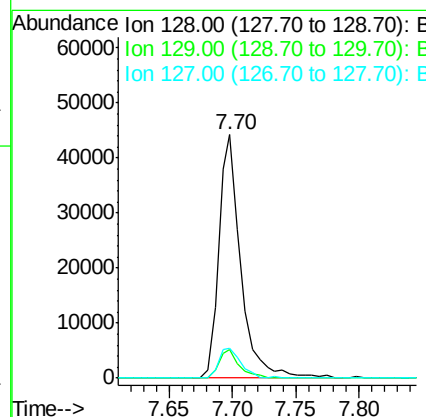
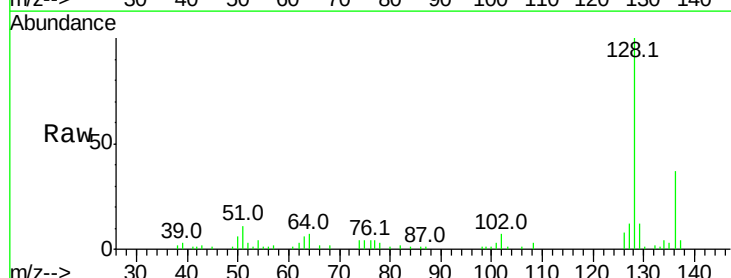
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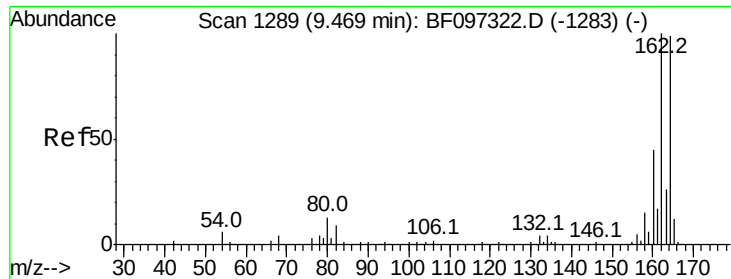
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#31
 Naphthalene
 Concen: 2.868 ng
 RT: 7.70 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF097576.D
 Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	12.1	10.8	16.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Instrument :

BNA_F

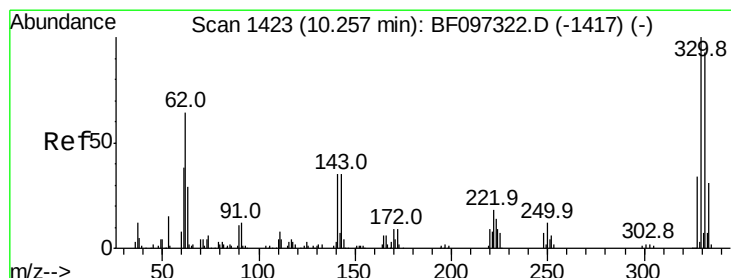
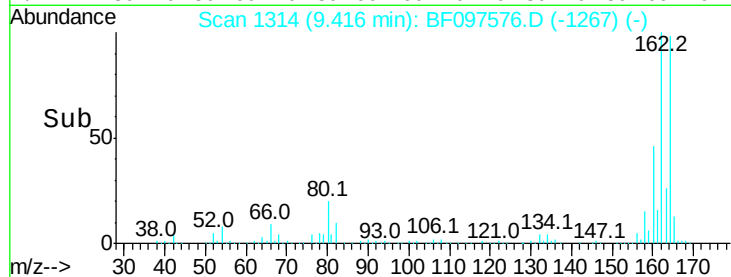
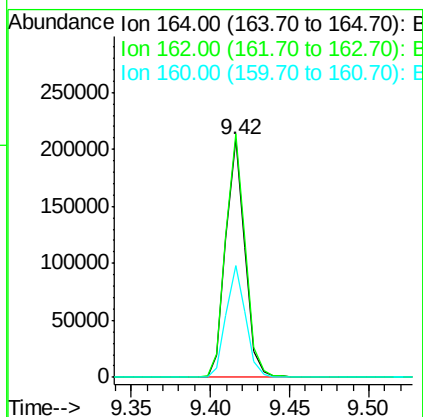
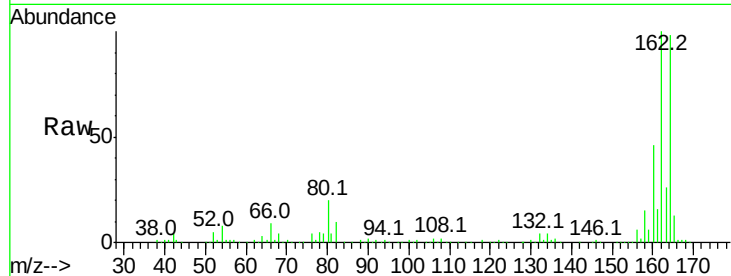
ClientSampleId :

NYSEG-PH4-ESMI-9A

Tot Ion:	164	Resp:	176209
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.6	123.8
160	46.9	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 78.233 ng

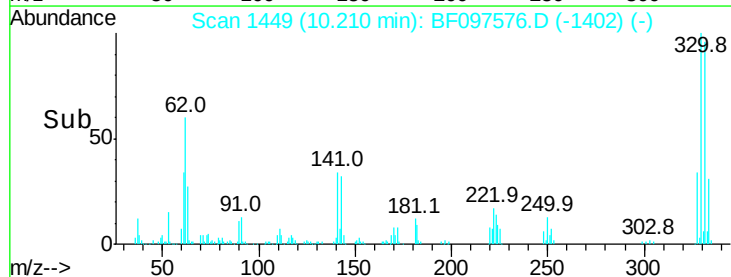
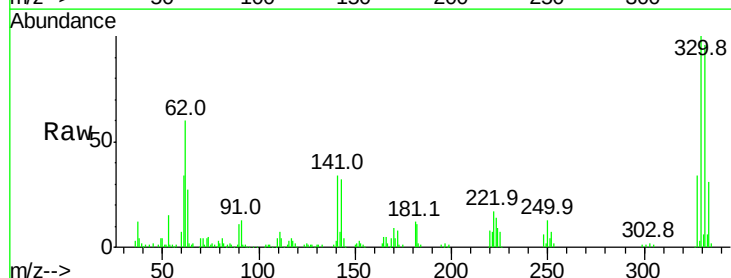
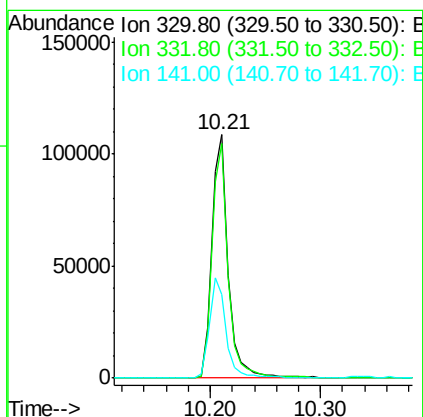
RT: 10.21 min Scan# 1449

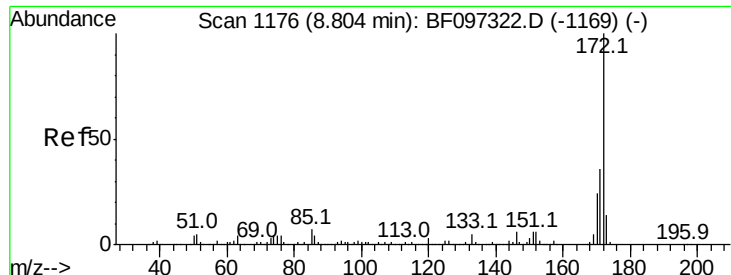
Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Tgt Ion:	330	Resp:	108917
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	115.0
141	41.5	31.4	47.2





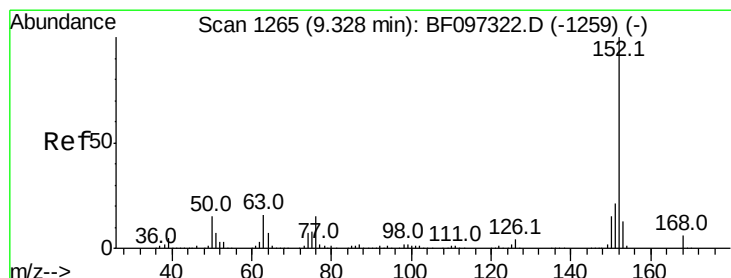
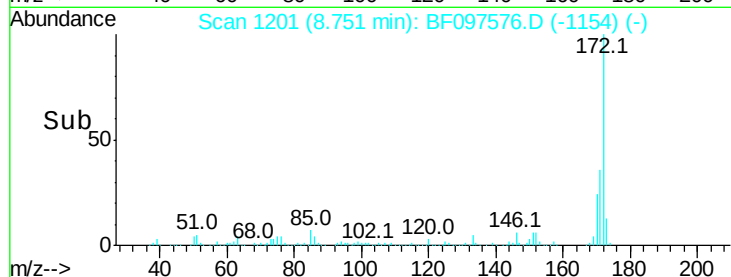
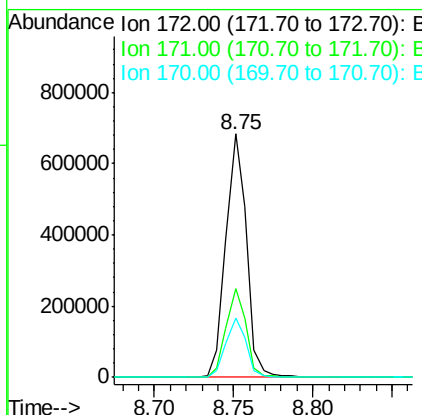
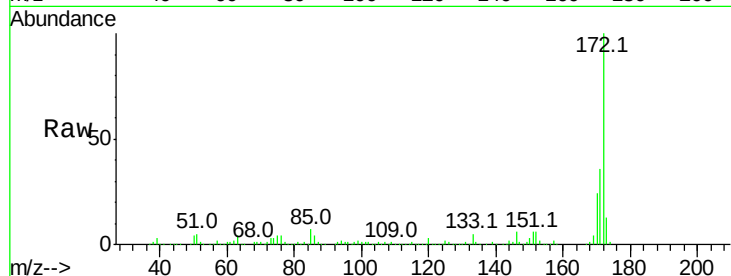
#44
2-Fluorobiphenyl
Concen: 59.572 ng
RT: 8.75 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	618534		
171	36.2		29.6	44.4
170	24.4		19.8	29.8

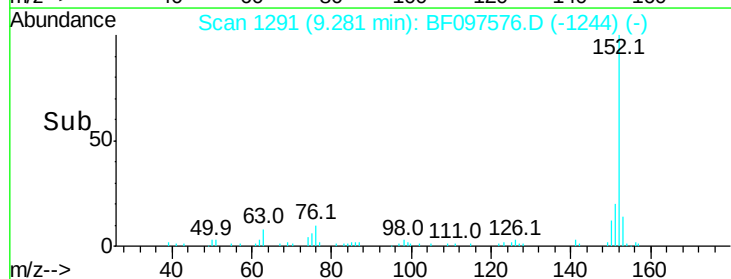
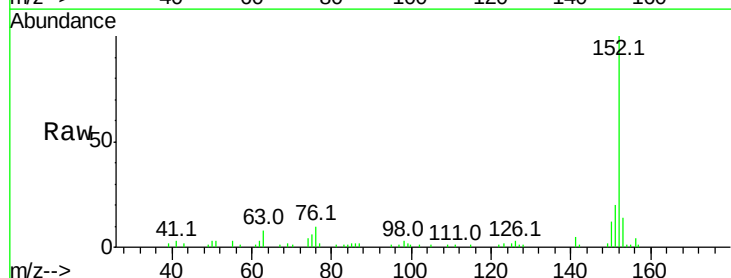
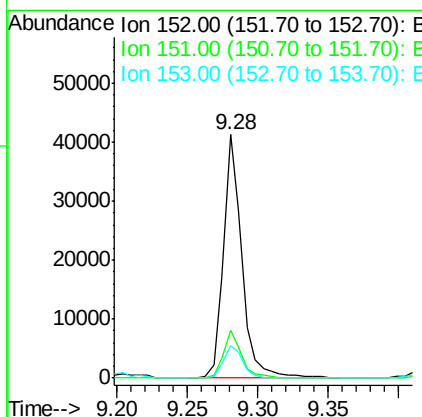
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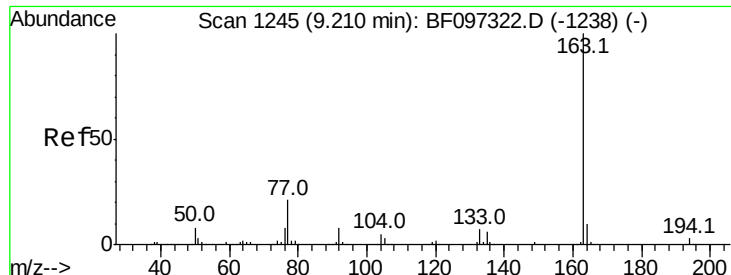
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#48
Acenaphthylene
Concen: 2.212 ng
RT: 9.28 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	37607		
151	19.6		16.8	25.2
153	13.5		10.8	16.2





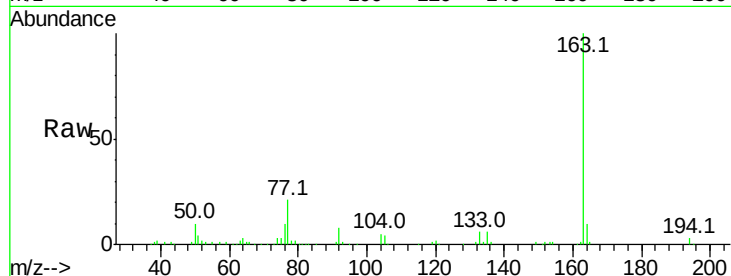
#49
Dimethylphthalate
Concen: 8.983 ng
RT: 9.16 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

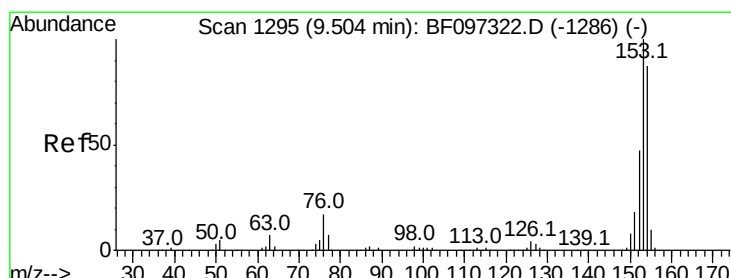
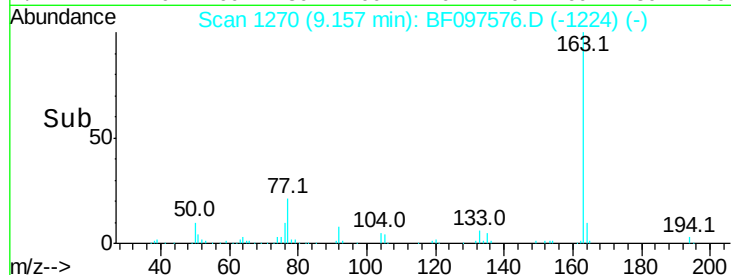
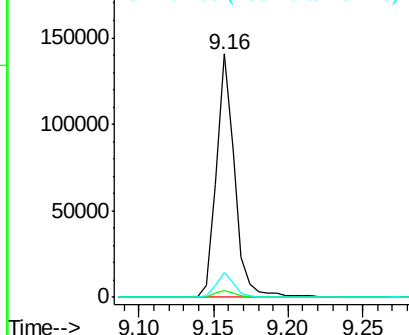
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9	2.6	4.0	
164	10.1	8.4	12.6	

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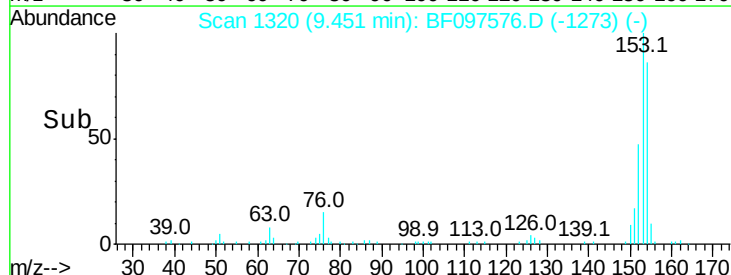
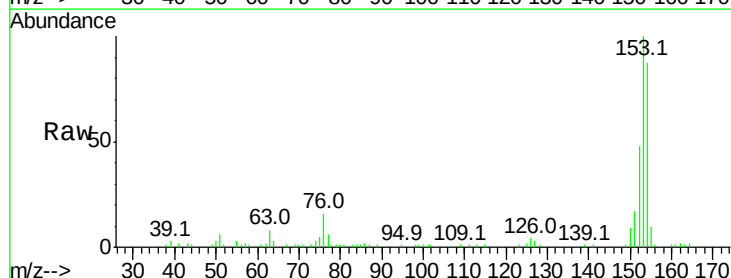
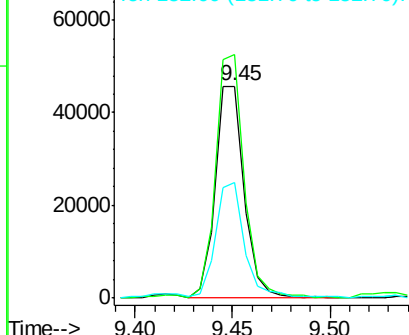
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

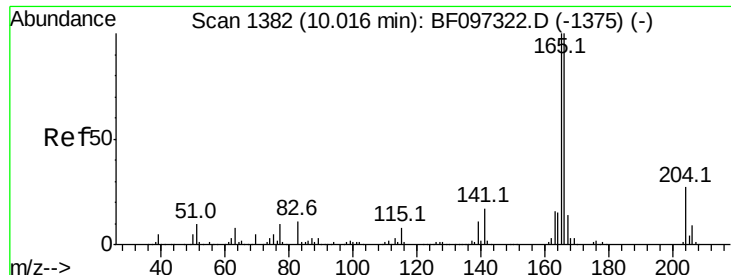


#51
Acenaphthene
Concen: 4.697 ng
RT: 9.45 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.8	90.5	135.7	
152	54.8	43.6	65.4	

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





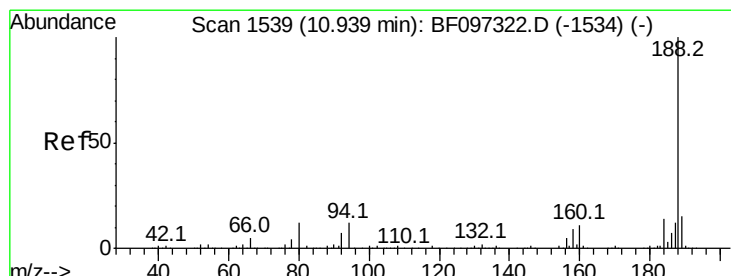
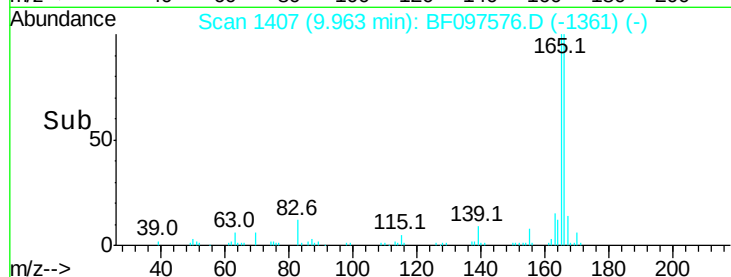
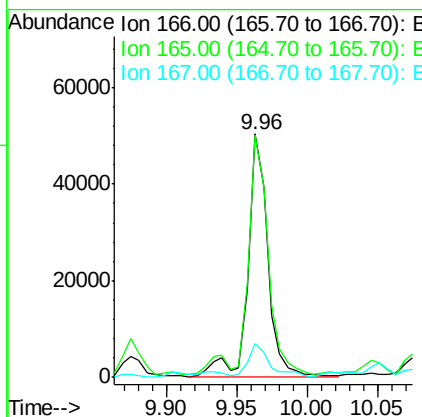
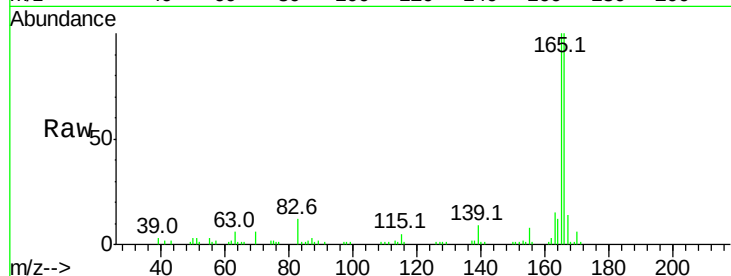
#57
Fluorene
 Concen: 5.062 ng
 RT: 9.96 min Scan# 1407
 Delta R.T. -0.03 min
 Lab File: BF097576.D
 Acq: 10 Aug 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Resp	Lower	Upper
166	100	50743		
165	99.5	78.8	118.2	
167	13.9	10.6	16.0	

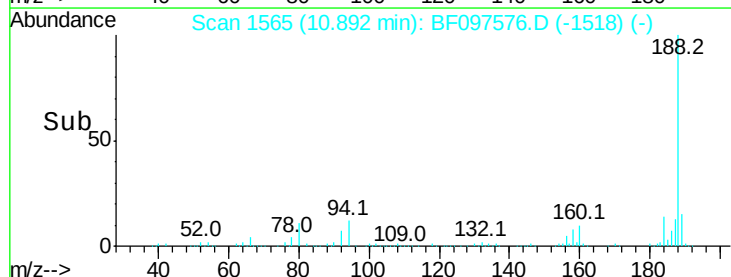
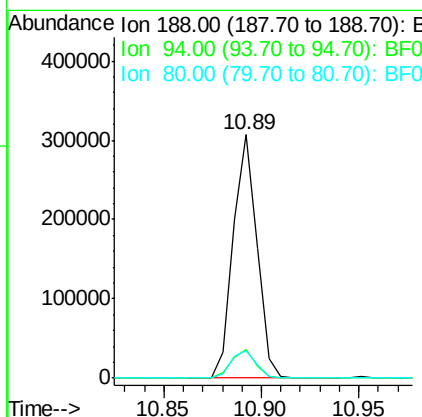
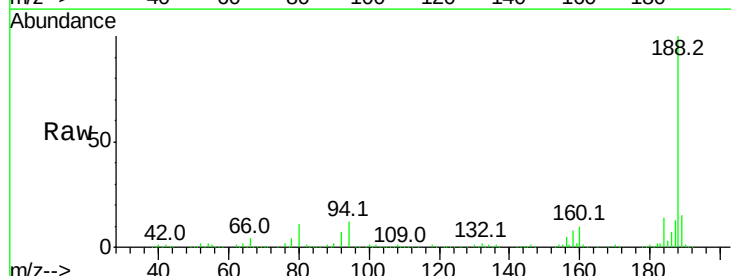
Manual Integrations
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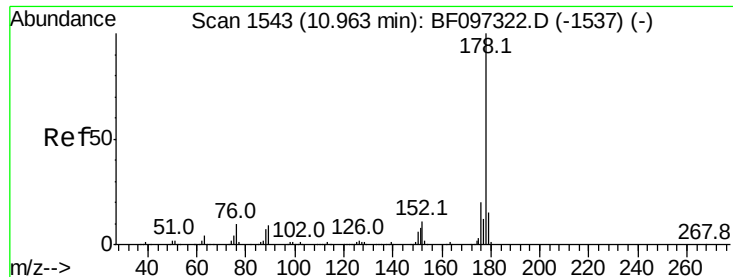
sohil
 8/14/2017 6:34:59 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF097576.D
 Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	259998		
94	11.5	9.4	14.2	
80	11.2	10.2	15.2	





#70

Phenanthrene

Concen: 31.190 ng

RT: 10.92 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Instrument :

BNA_F

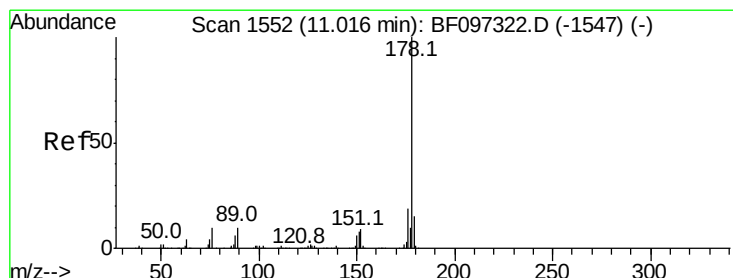
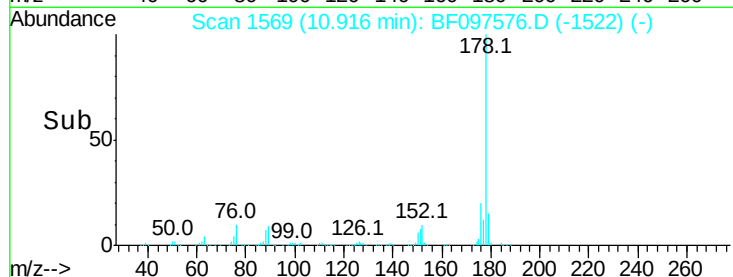
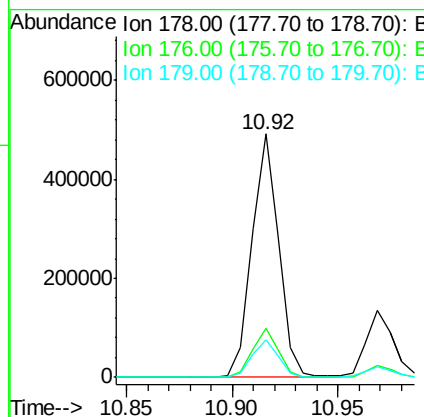
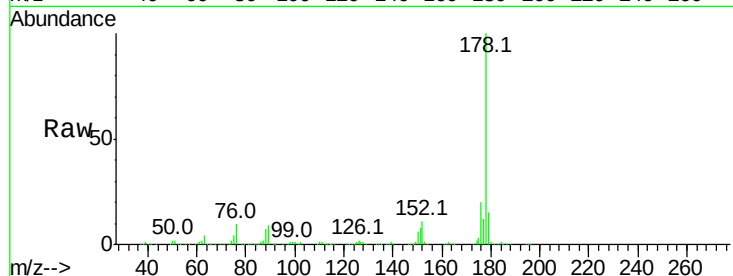
ClientSampleId :

NYSEG-PH4-ESMI-9A

Tot Ion:	178	Resp:	434505
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.2	24.4
179	15.2	12.6	19.0

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#71

Anthracene

Concen: 8.300 ng

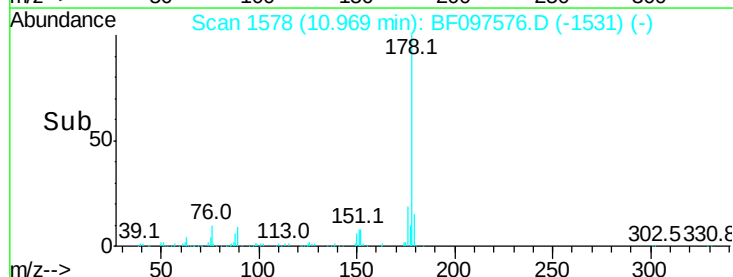
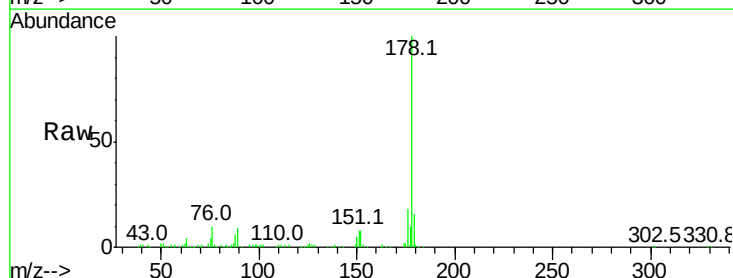
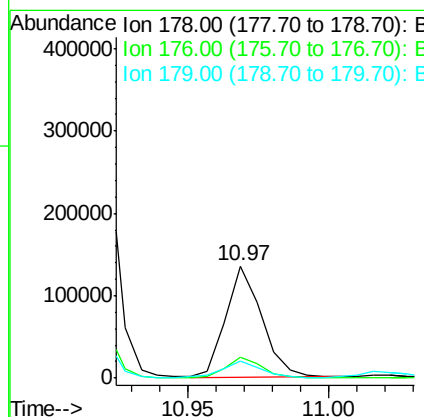
RT: 10.97 min Scan# 1578

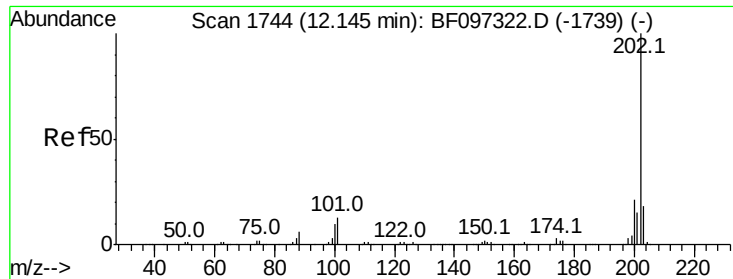
Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Tgt Ion:	178	Resp:	118422
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.8	23.8
179	15.5	12.7	19.1





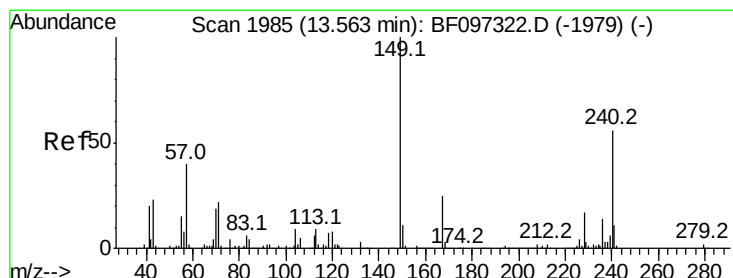
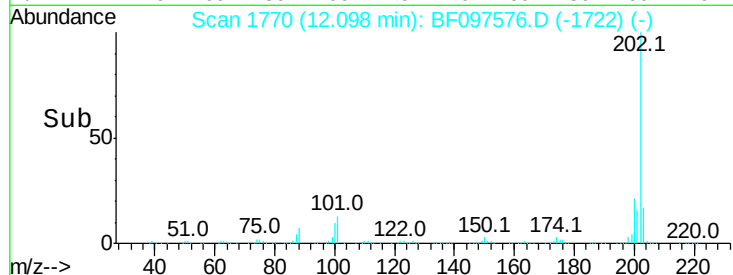
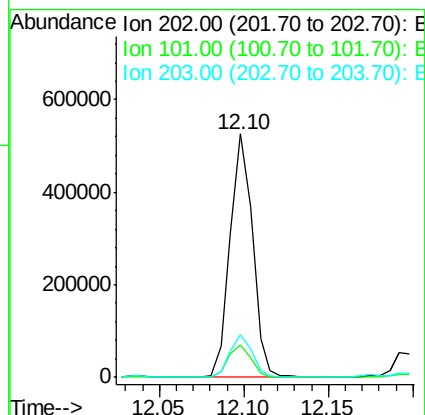
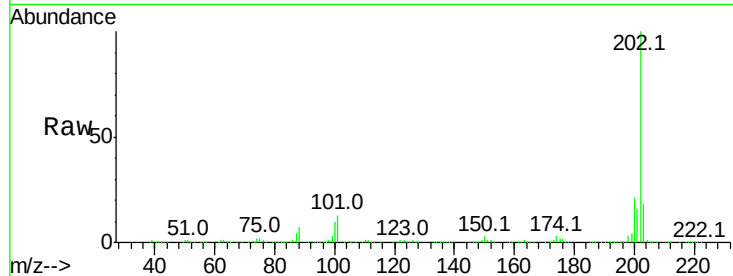
#74
Fluoranthene
Concen: 35.734 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.6	0.0	38.1

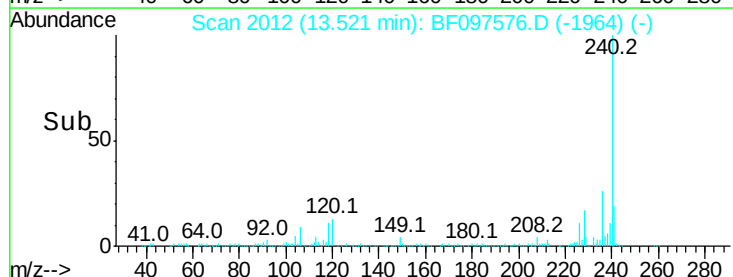
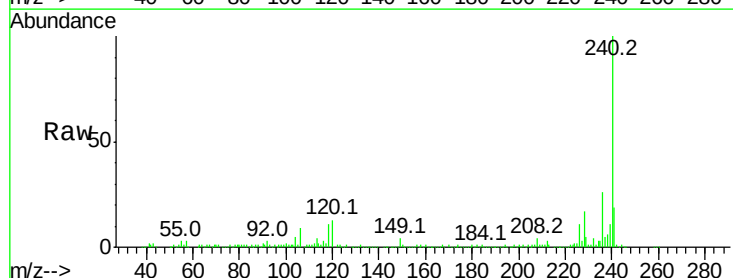
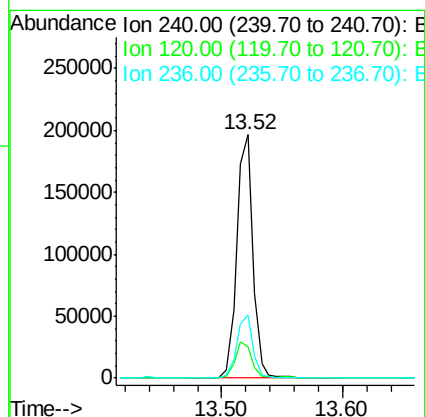
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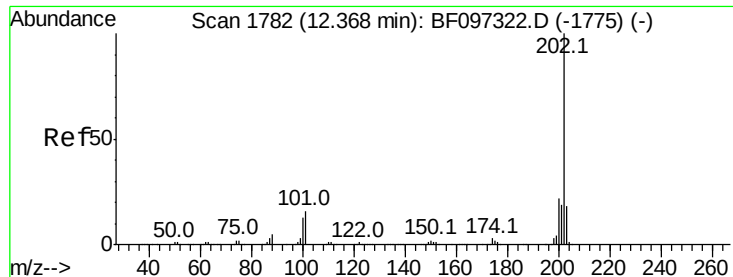
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	25.9	20.5	30.7





#77

Pvrene

Concen: 27.980 ng

RT: 12.32 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Instrument :

BNA_F

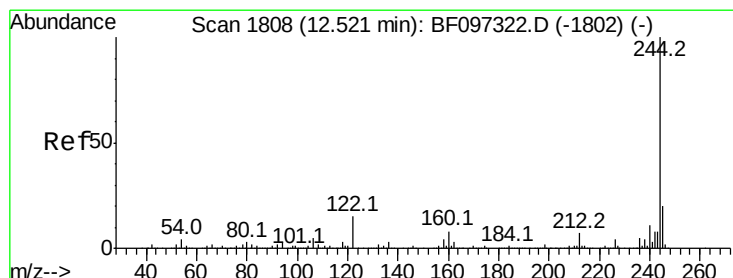
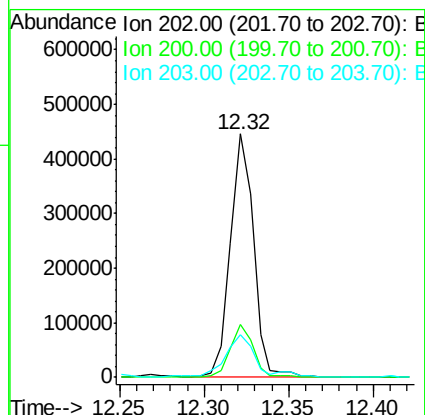
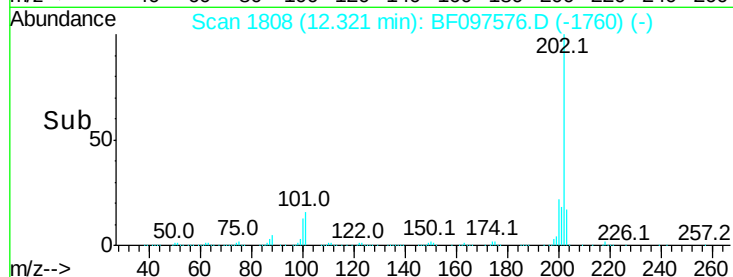
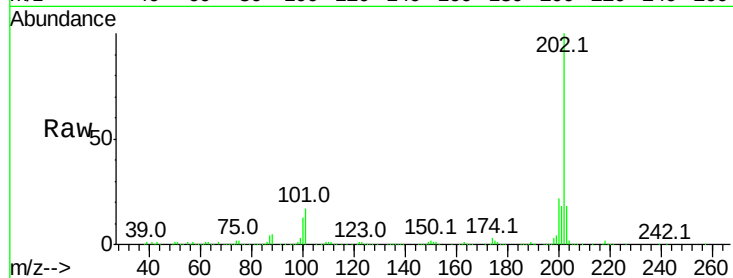
ClientSampleId :

NYSEG-PH4-ESMI-9A

Tot Ion:	202	Resp:	422045
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.8	14.4	21.6

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#78

Terphenyl-d14

Concen: 36.760 ng

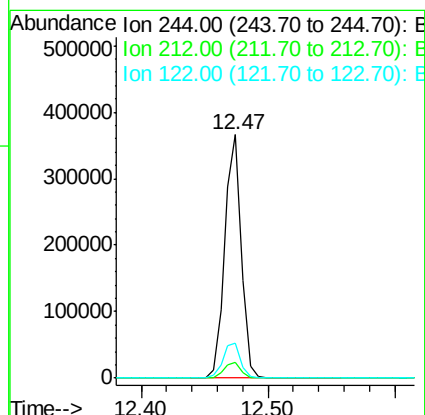
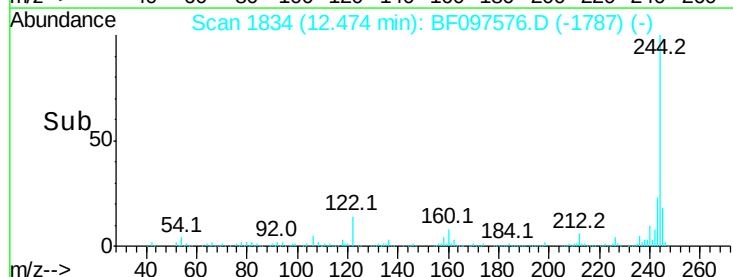
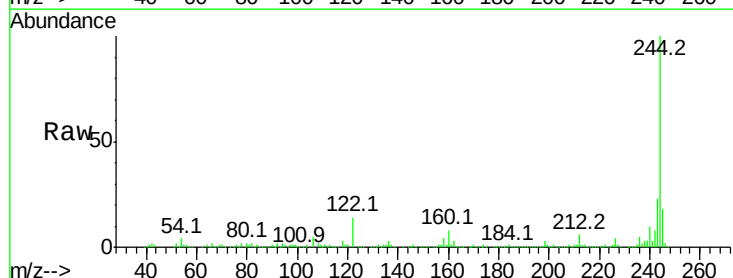
RT: 12.47 min Scan# 1834

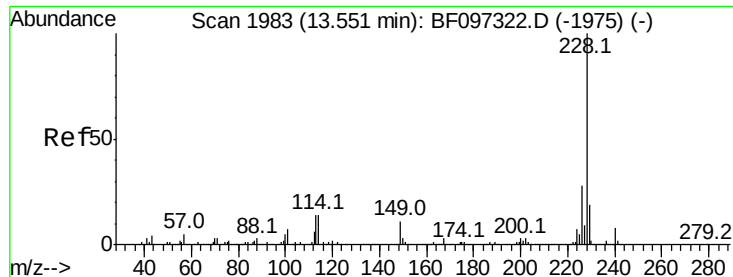
Delta R.T. -0.02 min

Lab File: BF097576.D

Acq: 10 Aug 2017 23:42

Tgt Ion:	244	Resp:	332195
Ion Ratio		Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.2	10.3	15.5





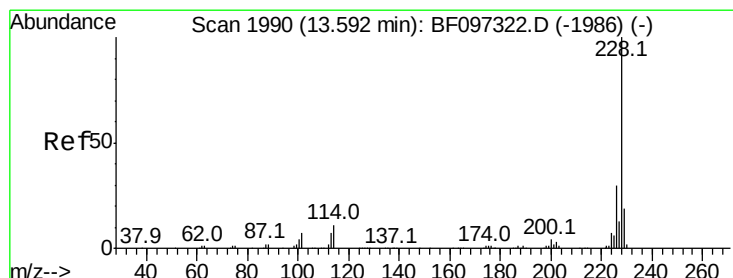
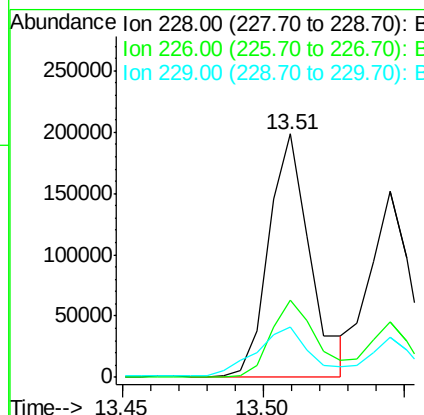
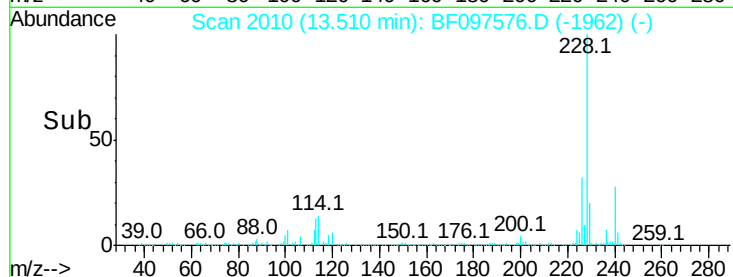
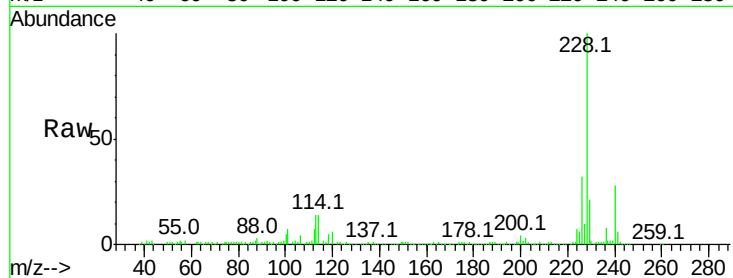
#80
Benzo(a)anthracene
Concen: 16.753 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	20.8	16.3	24.5

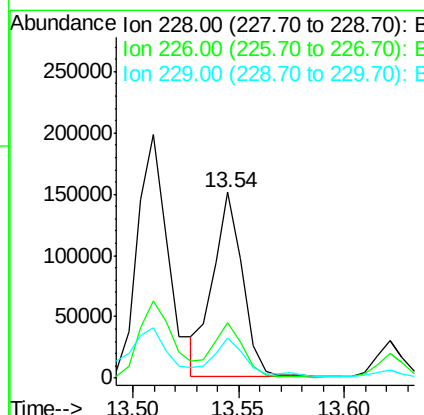
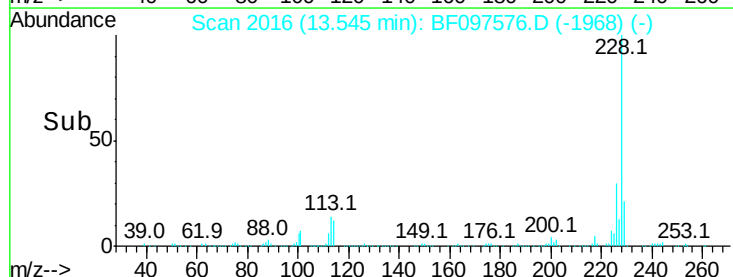
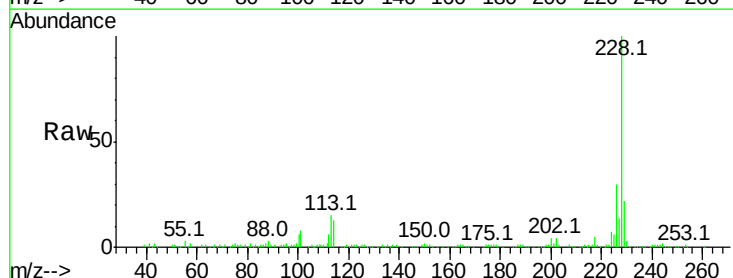
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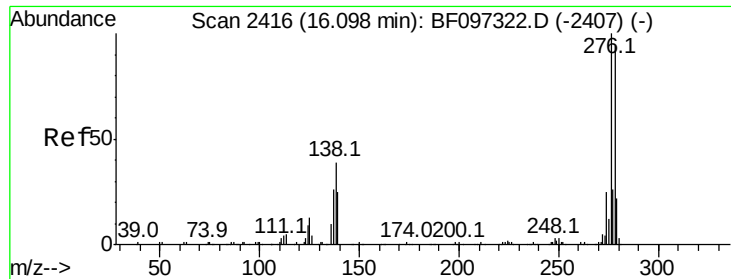
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#82
Chrysene
Concen: 12.670 ng
RT: 13.54 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.8	15.8	23.6





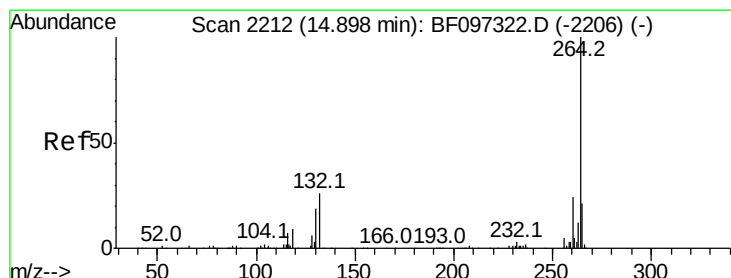
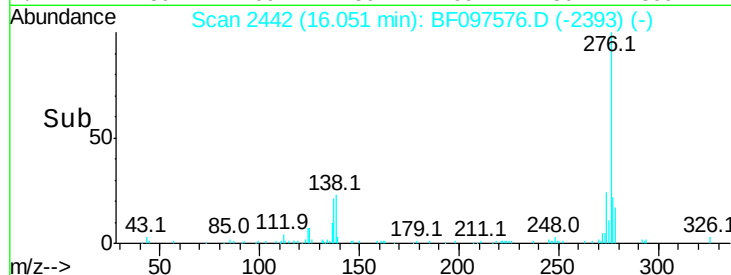
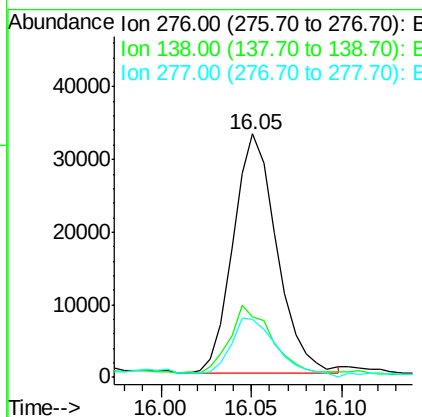
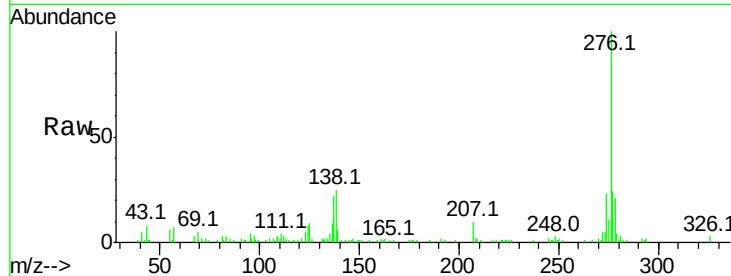
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.536 ng
 RT: 16.05 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BF097576.D
 Acq: 10 Aug 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.8	41.6#
277	27.2	20.2	30.4

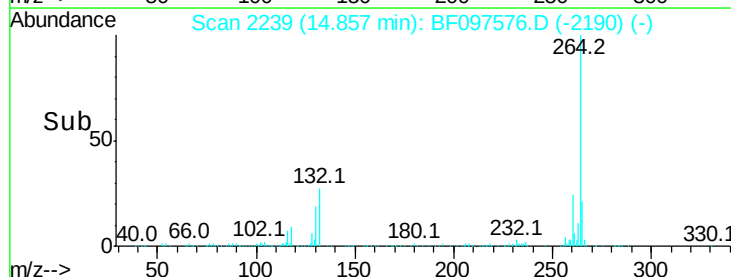
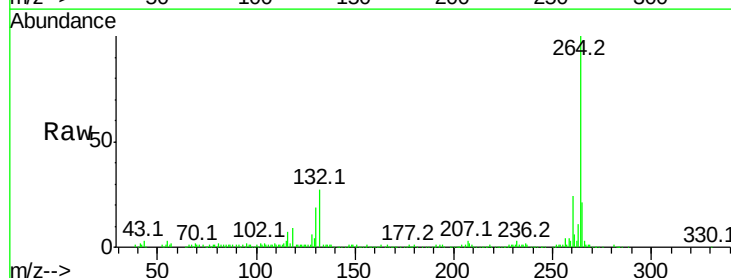
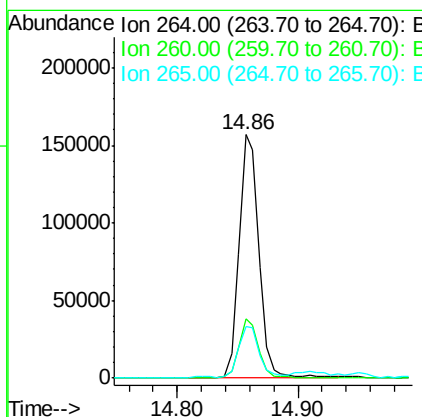
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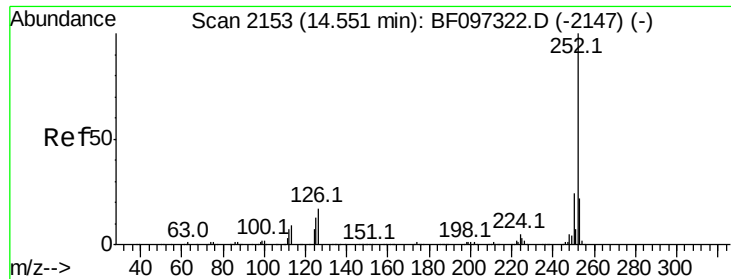
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF097576.D
 Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.2	25.8





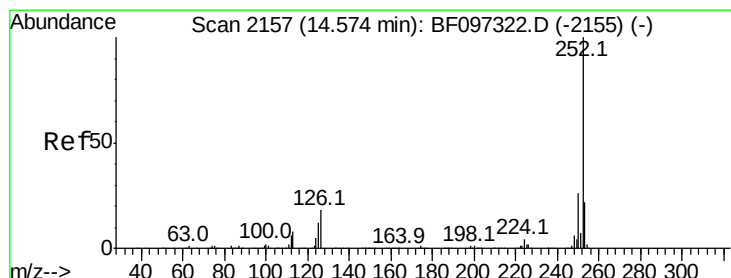
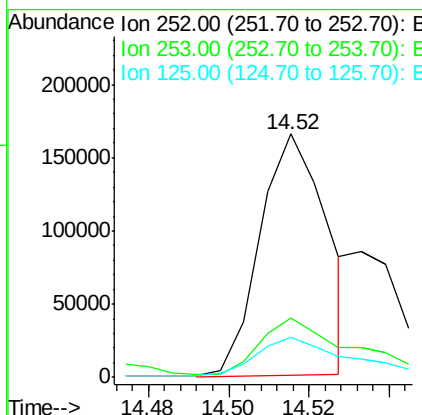
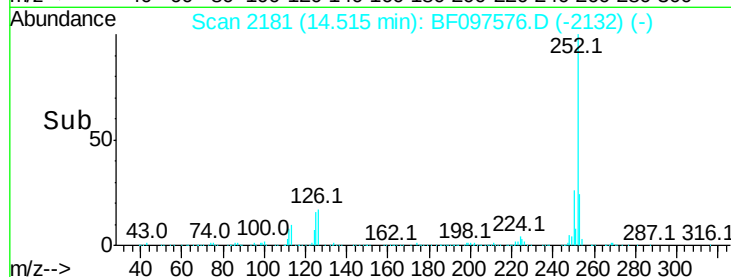
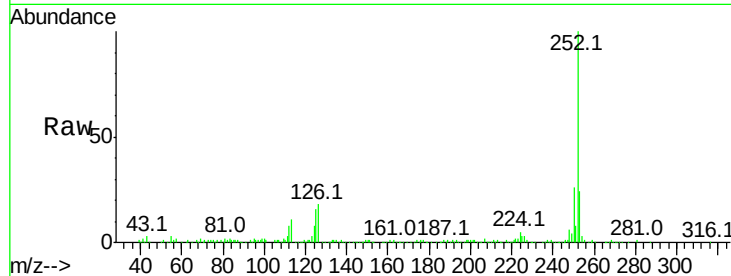
#87
Benzo(b)fluoranthene
Concen: 17.703 ng m
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	16.2	9.8	14.8

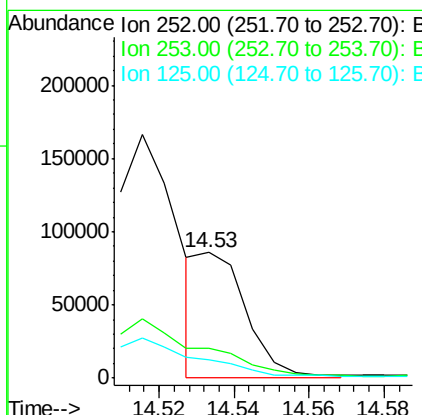
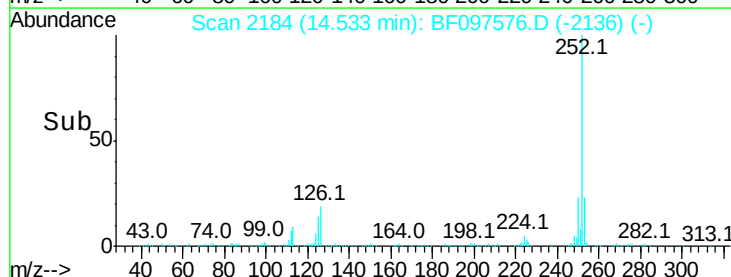
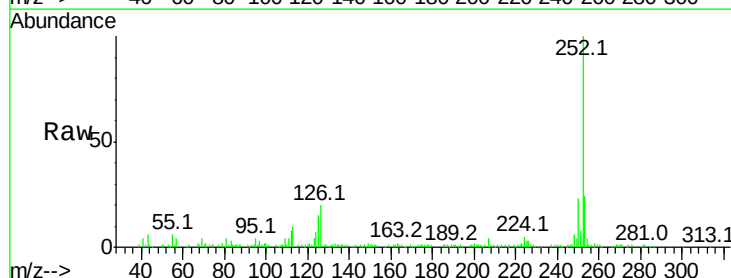
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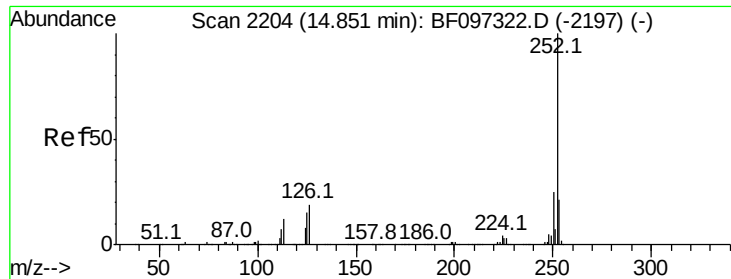
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#88
Benzo(k)fluoranthene
Concen: 7.331 ng m
RT: 14.53 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	14.9	13.1	19.7





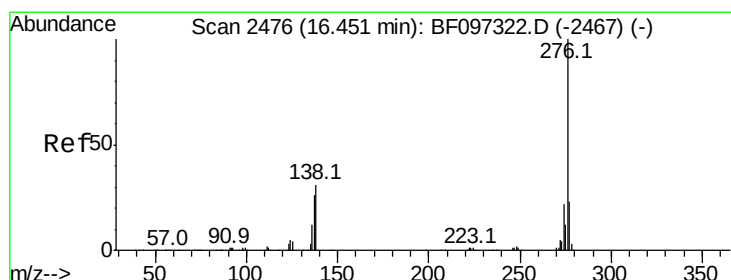
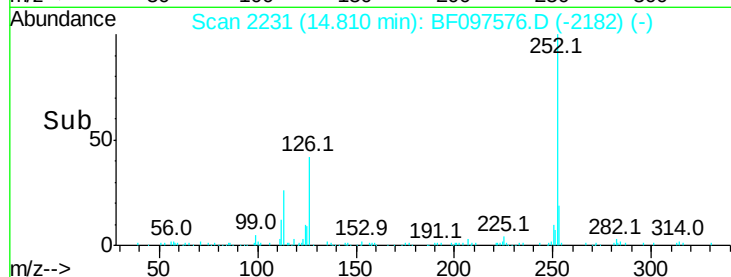
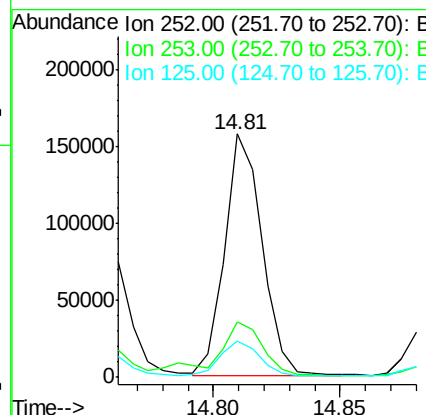
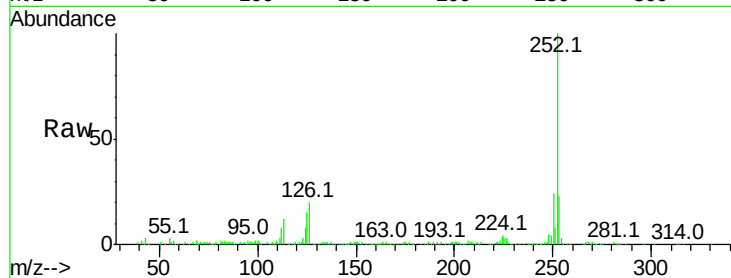
#89
Benzo(a)pyrene
Concen: 16.287 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	15.1	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 5.923 ng
RT: 16.40 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BF097576.D
Acq: 10 Aug 2017 23:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.0	18.6	28.0
138	25.5	25.4	38.0

