

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097574.D
 Acq On : 10 Aug 2017 22:47
 Operator : SJ/JU
 Sample : I4697-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-2B

Manual Integrations
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Quant Time: Aug 11 04:23:53 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	117548	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	482491	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	199649	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	298271	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	205671	20.00	ng	-0.02
86) Perylene-d12	14.86	264	203832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	694534	89.07	ng	-0.02
7) Phenol-d6	6.07	99	899281	101.02	ng	-0.02
23) Nitrobenzene-d5	6.96	82	494819	60.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	126402	80.13	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	548164	46.60	ng	-0.02
78) Terphenyl-d14	12.47	244	325000	32.22	ng	-0.02
Target Compounds						
31) Naphthalene	7.70	128	96843	4.258	ng	Qvalue 97
49) Dimethylphthalate	9.16	163	212346	14.006	ng	99
51) Acenaphthene	9.45	154	45741	4.032	ng	93
57) Fluorene	9.96	166	58439	5.145	ng	97
70) Phenanthrene	10.92	178	211370	13.226	ng	100
71) Anthracene	10.97	178	82965	5.069	ng	97
74) Fluoranthene	12.10	202	284797	18.191	ng	98
77) Pyrene	12.32	202	241909	14.367	ng	99
80) Benzo(a)anthracene	13.51	228	134354	10.096	ng	99
82) Chrysene	13.54	228	124254	9.562	ng	96
85) Indeno(1,2,3-cd)pyrene	16.06	276	55694	4.998	ng	96
87) Benzo(b)fluoranthene	14.52	252	161717m	13.198	ng	
88) Benzo(k)fluoranthene	14.54	252	44846m	3.841	ng	
89) Benzo(a)pyrene	14.82	252	114752	10.233	ng	# 94
91) Benzo(a,h,i)perylene	16.41	276	49790	5.163	ng	94

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

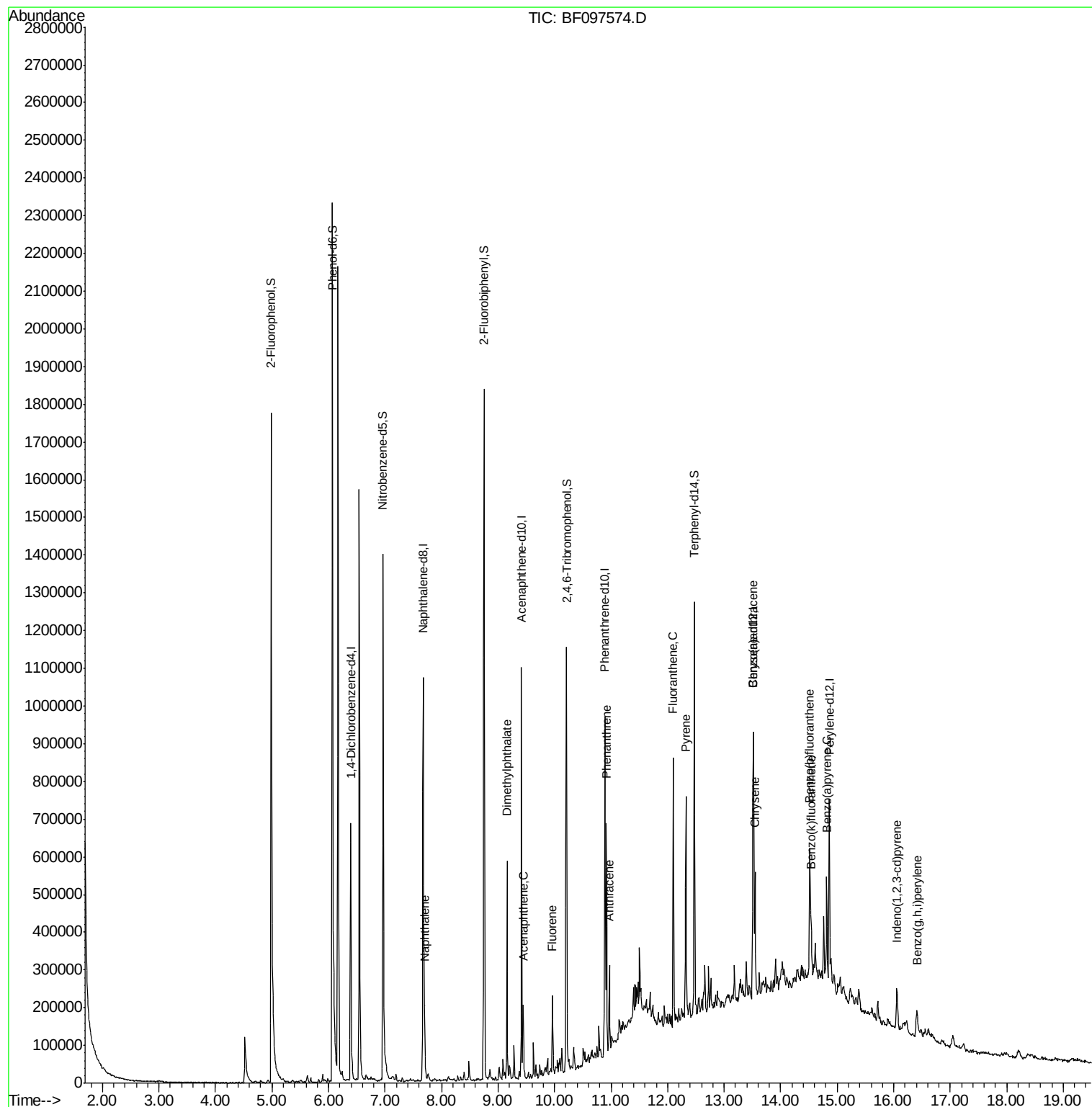
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
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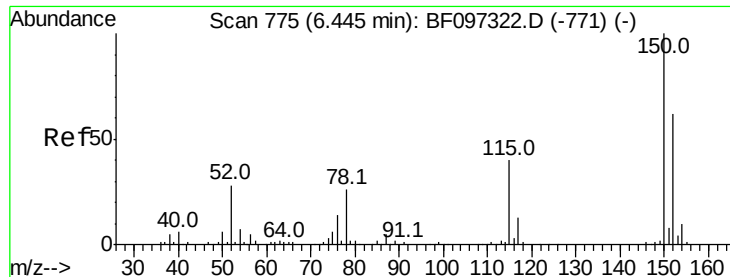
Instrument :
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#1

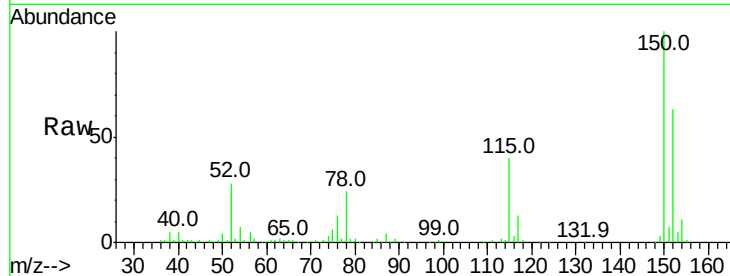
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	64.2	52.2	78.2

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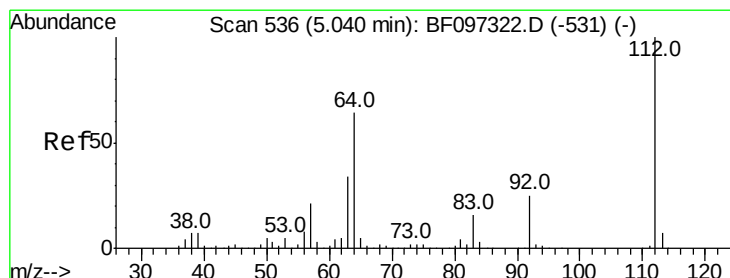
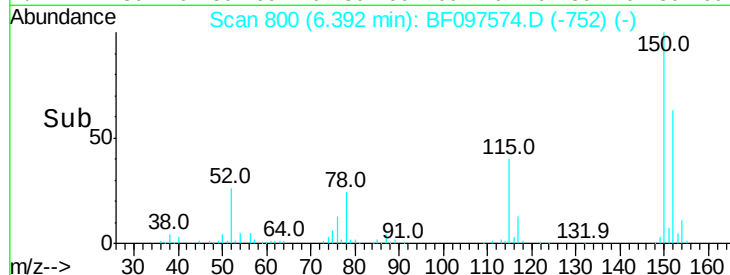
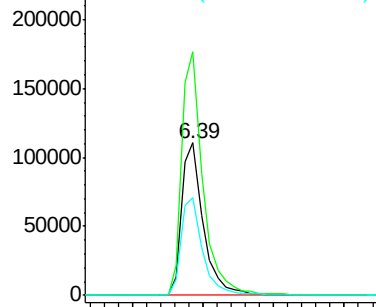


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

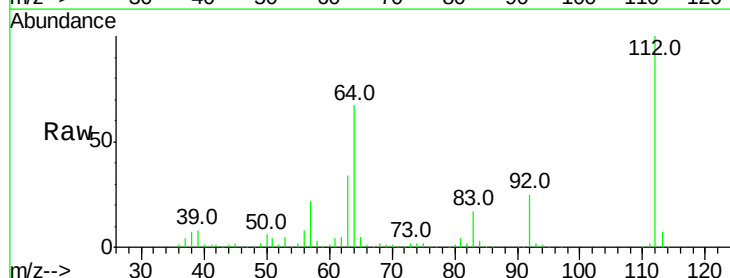
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.070 ng
RT: 4.99 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	34.3	23.4	35.0

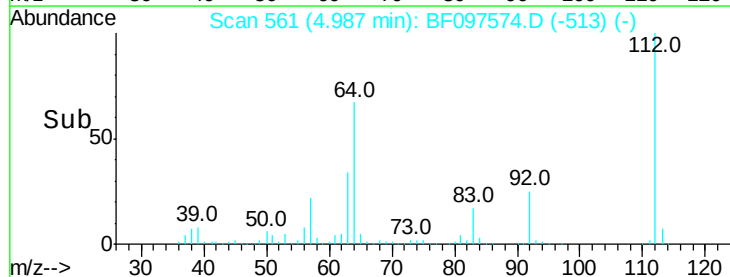
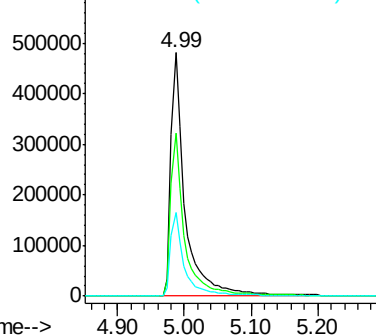


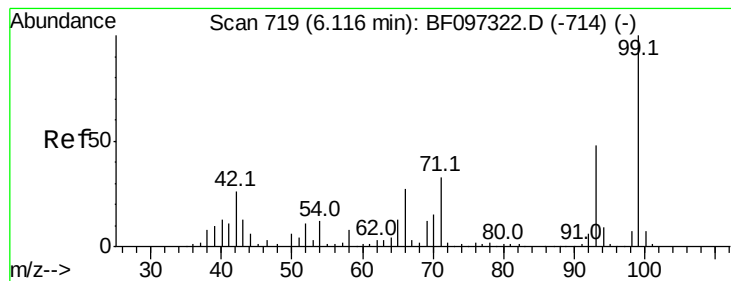
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.021 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Instrument :

BNA_F

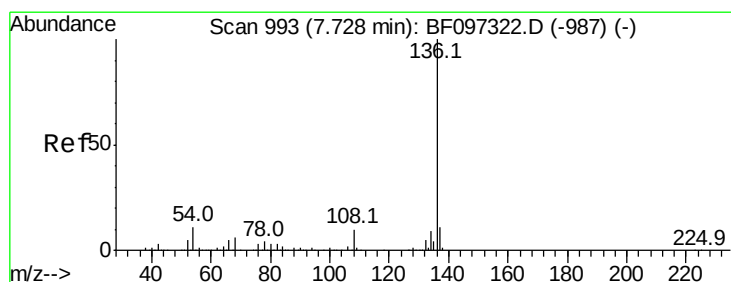
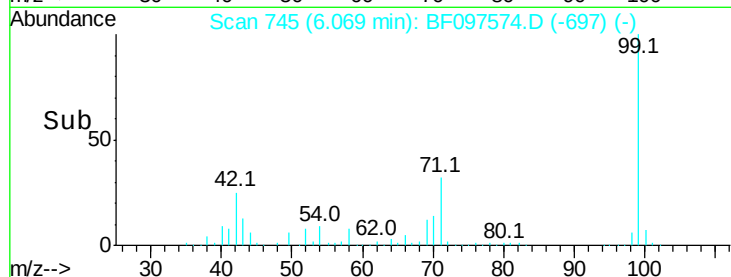
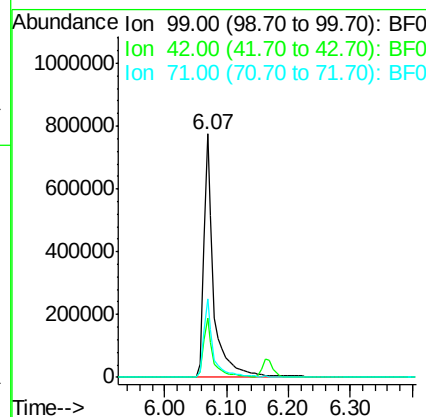
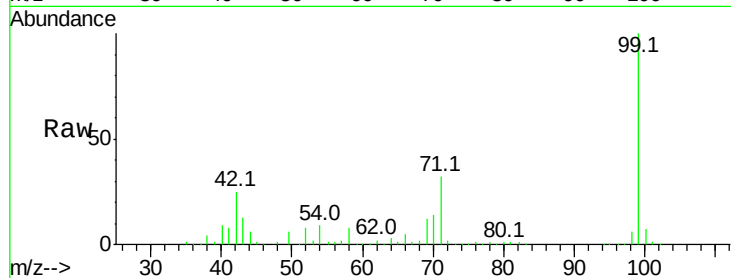
ClientSampleId :

NYSEG-PH4-ESMI-2B

Tot Ion:	99	Resp:	899281
Ion Ratio	Lower	Upper	
99	100		
42	24.6	13.5	20.3#
71	32.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

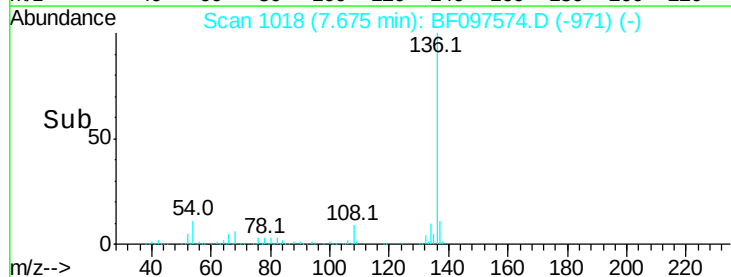
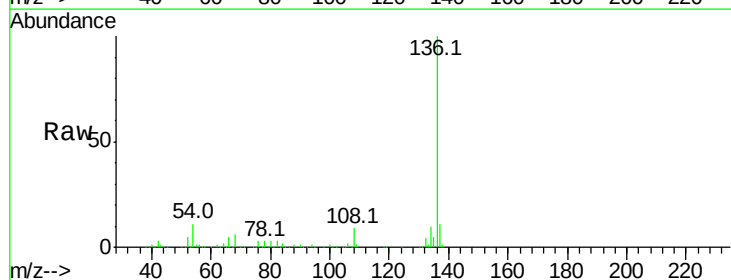
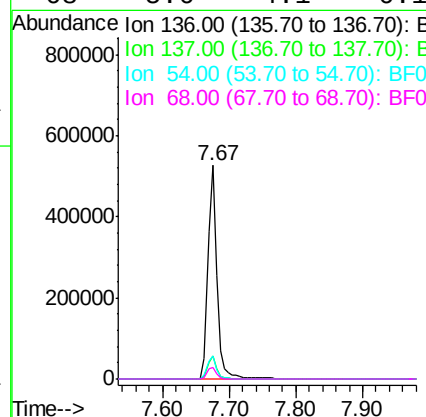
RT: 7.67 min Scan# 1018

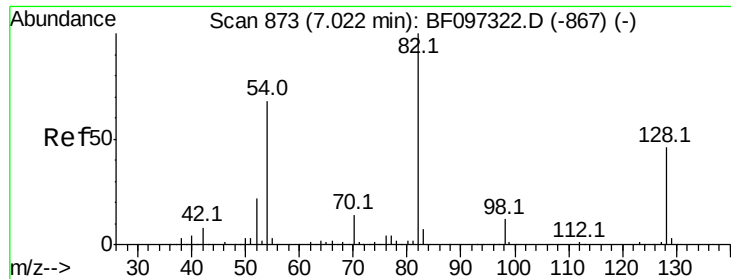
Delta R.T. -0.02 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Tgt Ion:	136	Resp:	482491
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.6	4.1	6.1





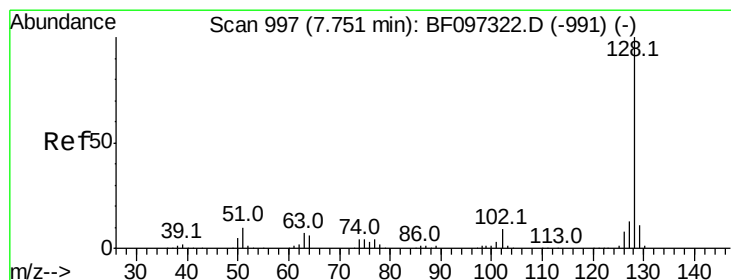
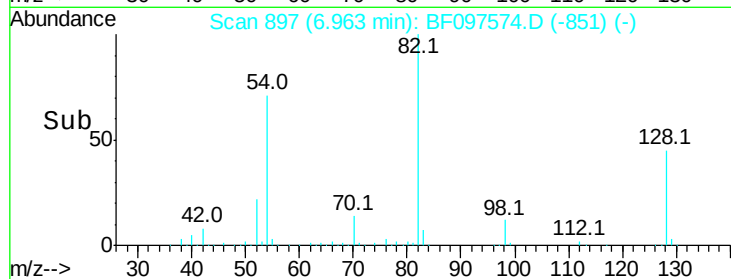
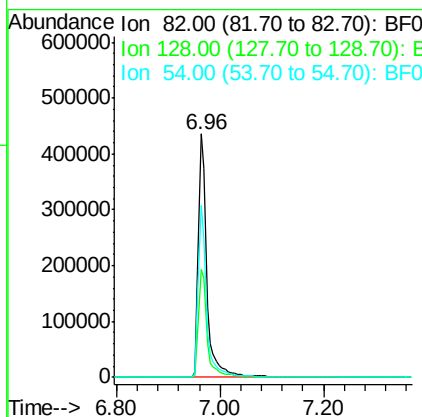
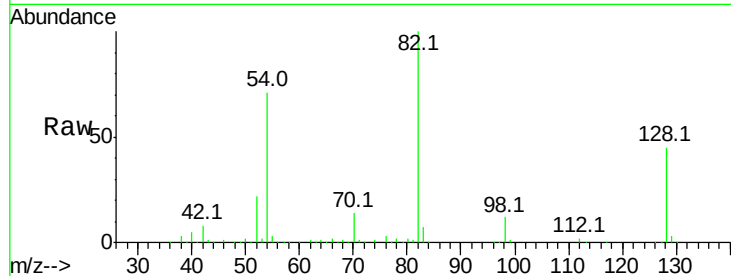
#23
 Nitrobenzene-d5
 Concen: 60.163 ng
 RT: 6.96 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	70.6	42.2	63.2

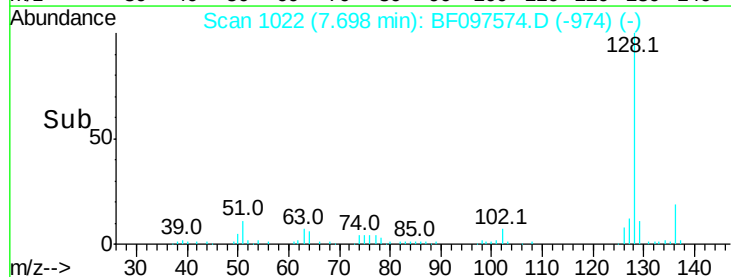
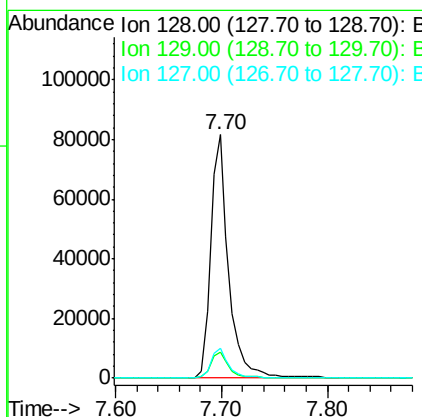
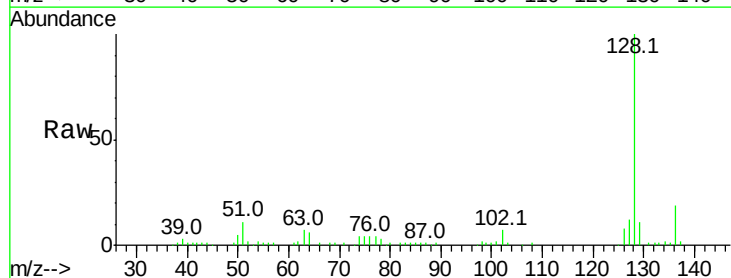
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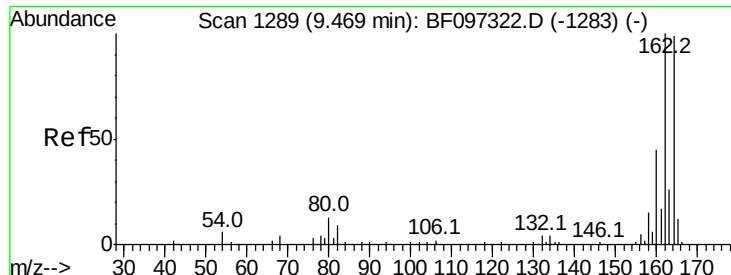
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#31
 Naphthalene
 Concen: 4.258 ng
 RT: 7.70 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.2	10.8	16.2





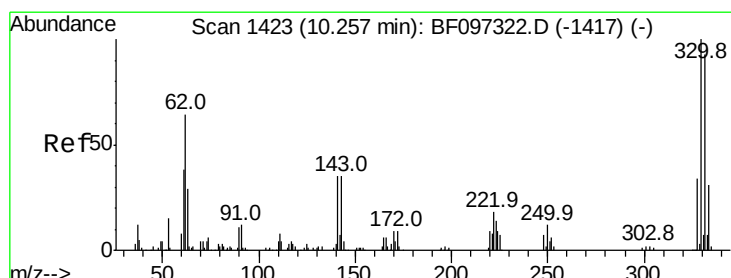
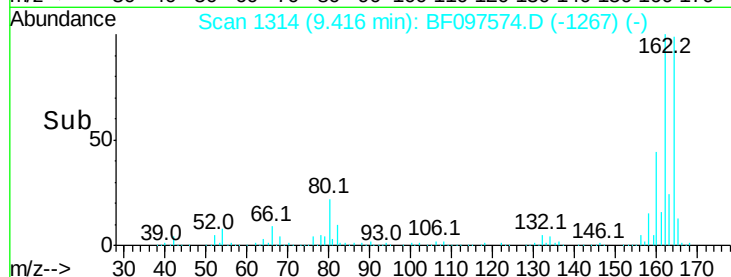
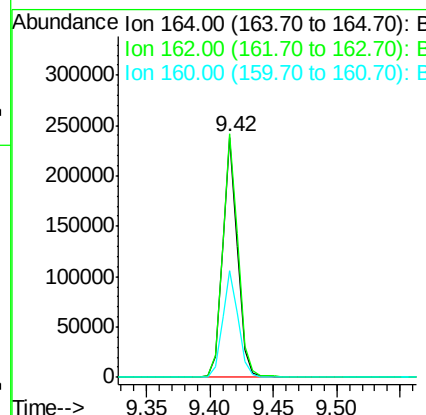
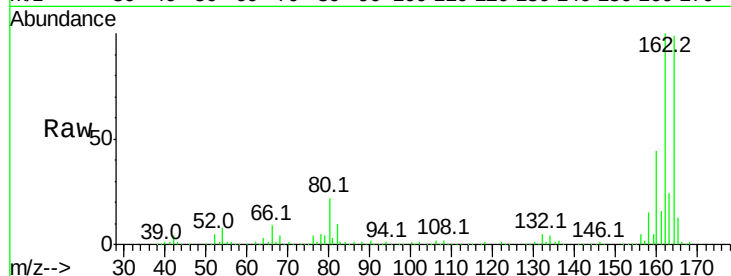
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	44.3	36.2	54.2

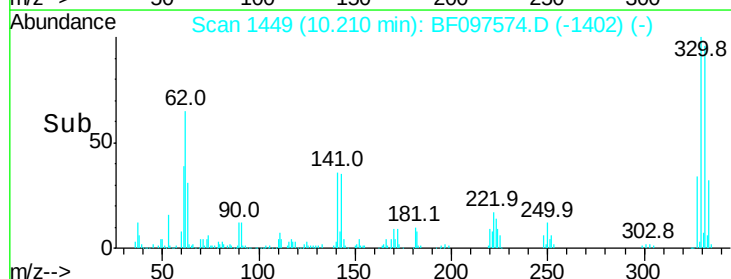
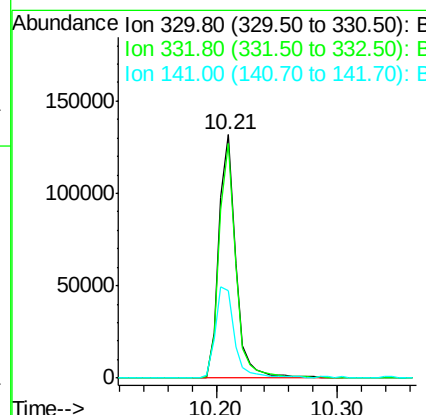
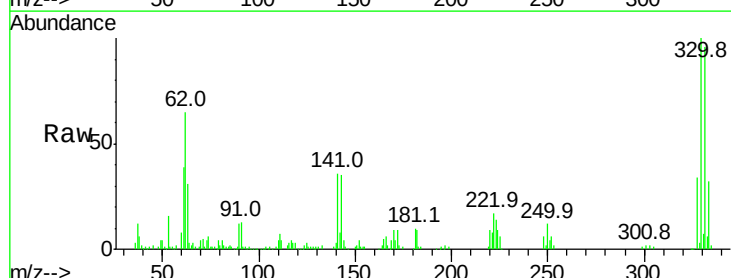
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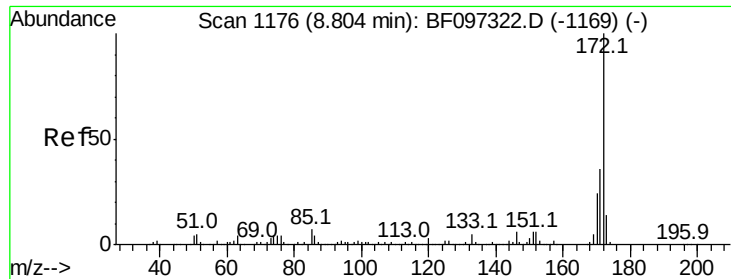
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#41
 2,4,6-Tribromophenol
 Concen: 80.132 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	42.7	31.4	47.2





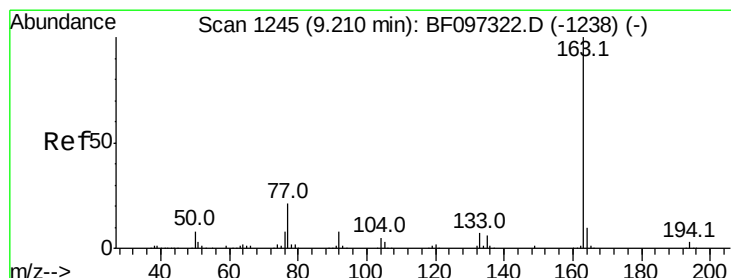
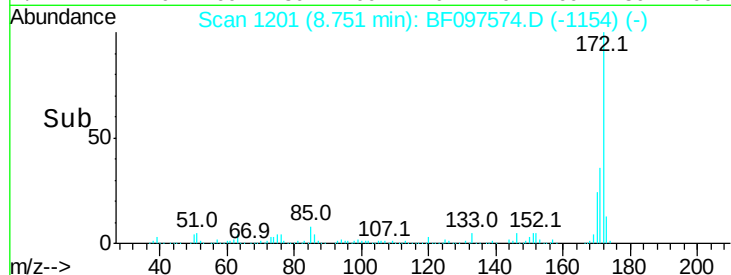
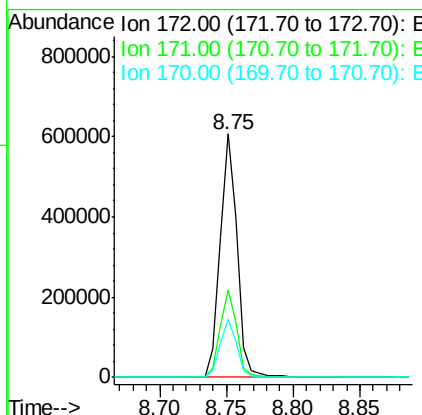
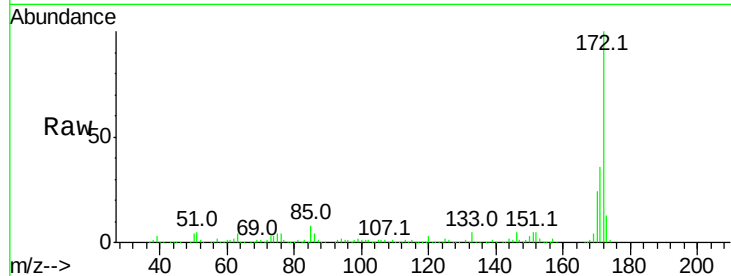
#44
 2-Fluorobiphenyl
 Concen: 46.596 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.6	44.4	
170	23.8	19.8	29.8	

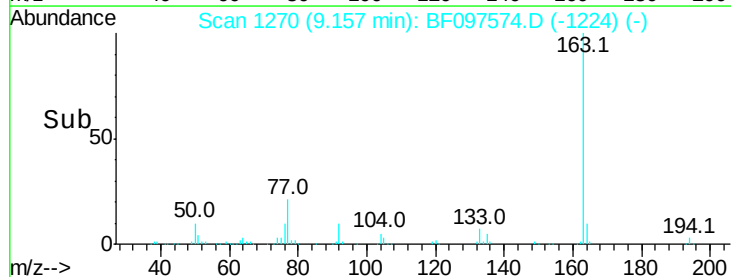
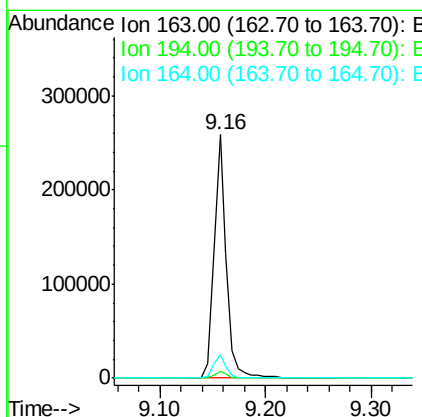
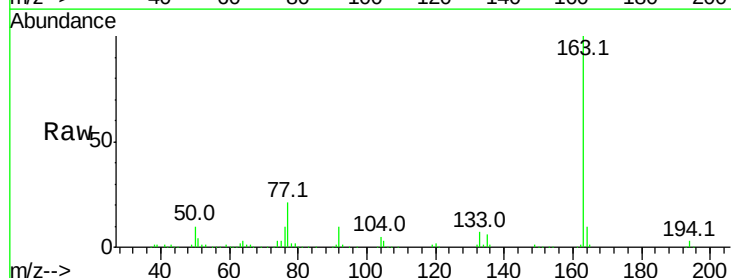
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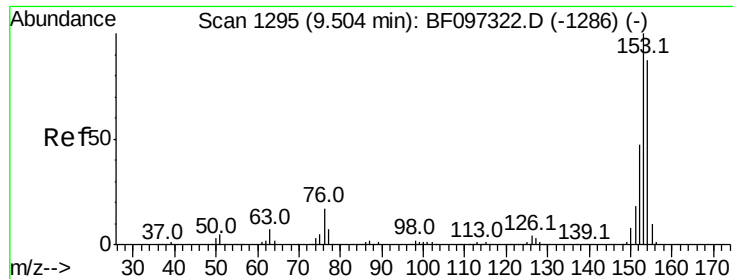
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#49
 Dimethylphthalate
 Concen: 14.006 ng
 RT: 9.16 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.0	2.6	4.0	
164	9.9	8.4	12.6	





#51

Acenaphthene

Concen: 4.032 ng

RT: 9.45 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Instrument :

BNA_F

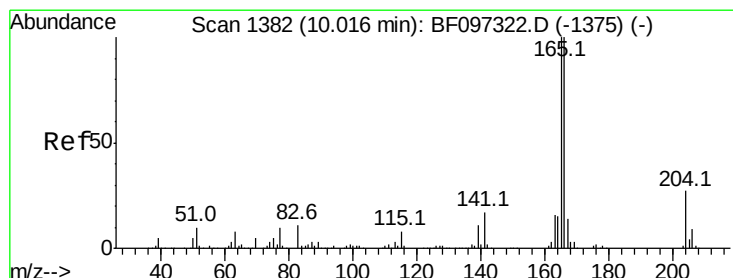
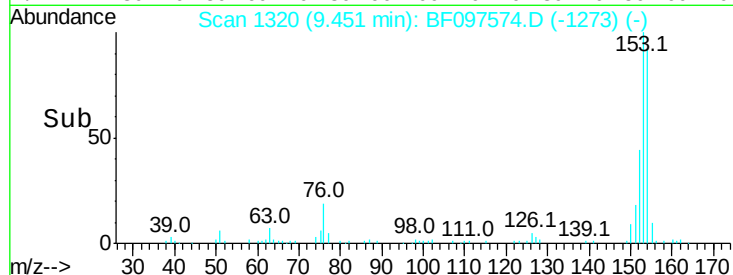
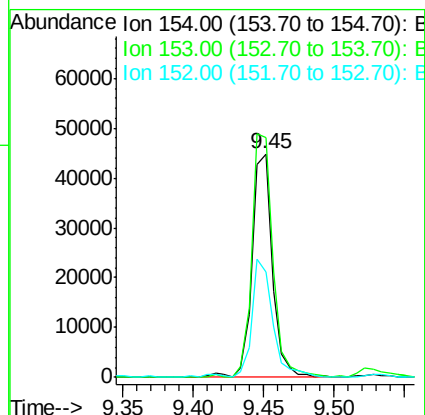
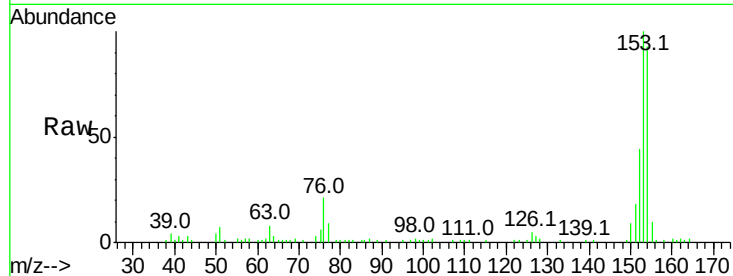
ClientSampleId :

NYSEG-PH4-ESMI-2B

Tot Ion:	154	Resp:	45741
Ion Ratio	Lower	Upper	
154	100		
153	107.5	90.5	135.7
152	47.1	43.6	65.4

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#57

Fluorene

Concen: 5.145 ng

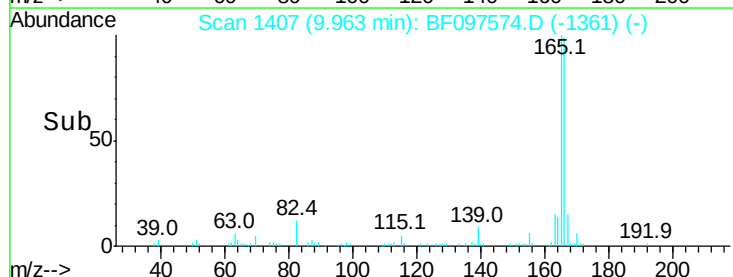
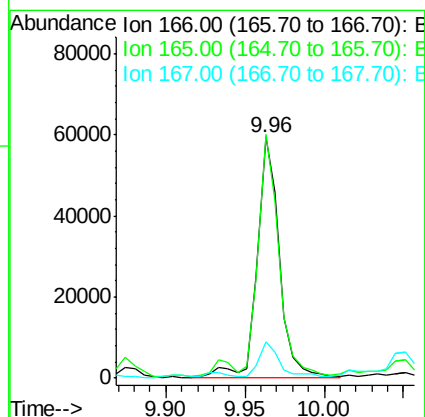
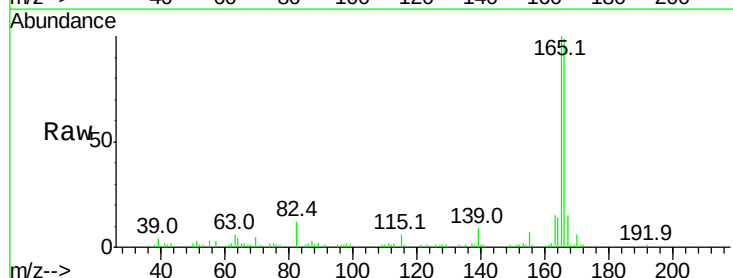
RT: 9.96 min Scan# 1407

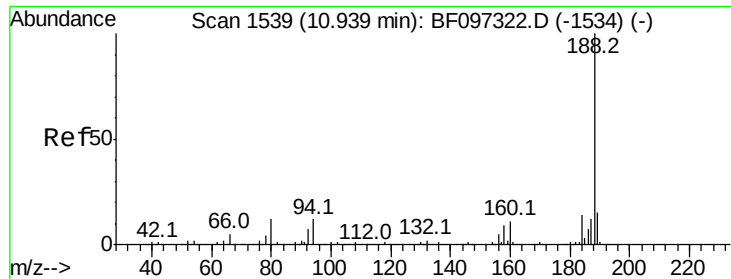
Delta R.T. -0.03 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Tgt Ion:	166	Resp:	58439
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.8	118.2
167	15.1	10.6	16.0





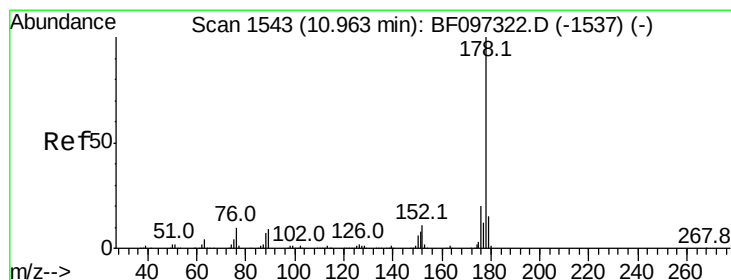
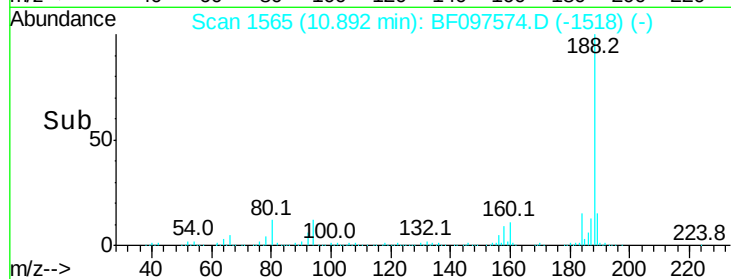
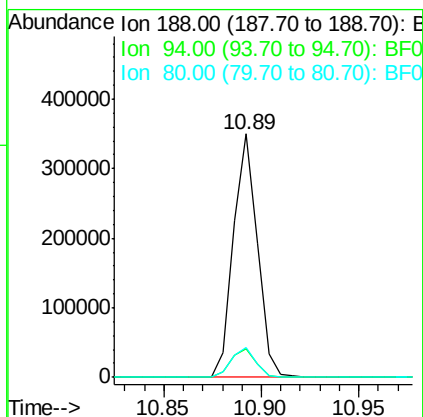
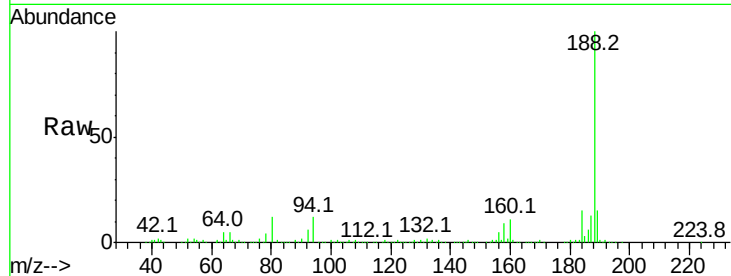
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	9.4	14.2
80	12.1	10.2	15.2

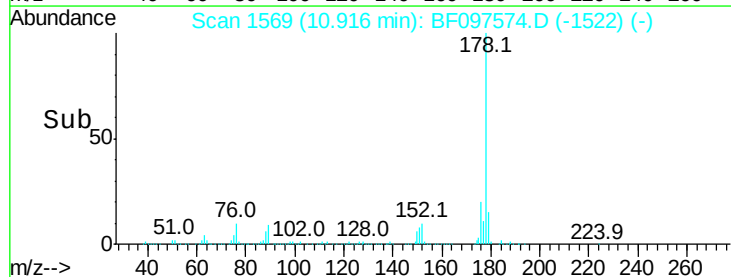
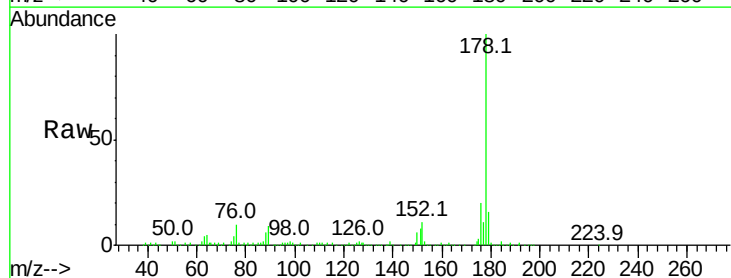
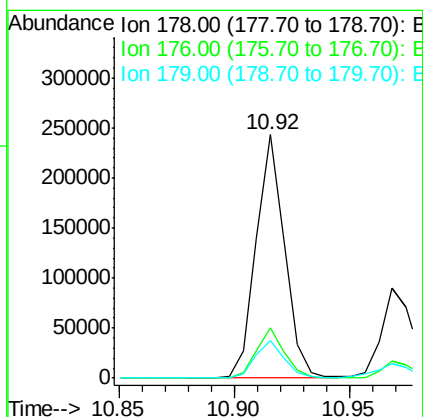
Manual Integrations
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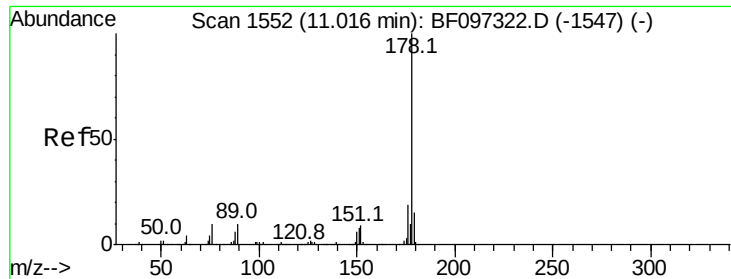
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#70
Phenanthrene
Concen: 13.226 ng
RT: 10.92 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.5	16.2	24.4
179	15.6	12.6	19.0





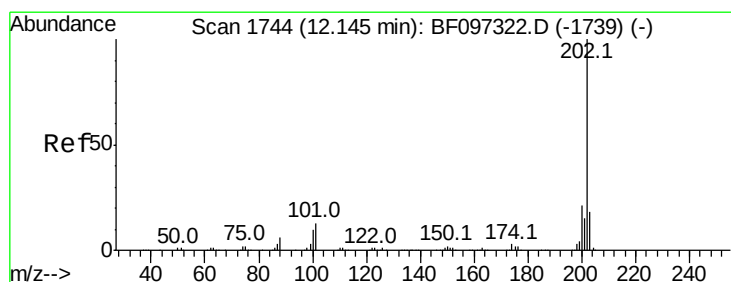
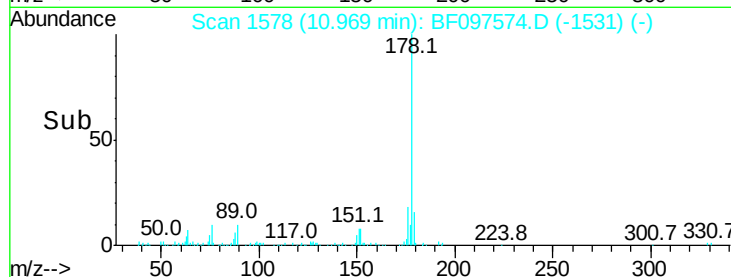
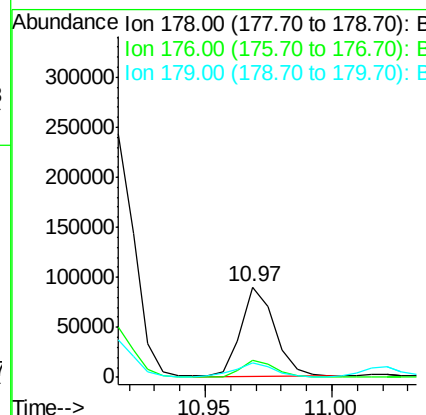
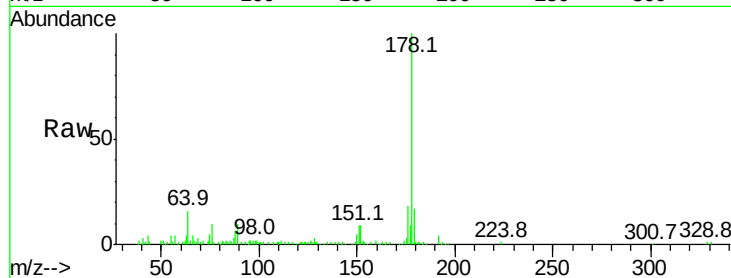
#71
 Anthracene
 Concen: 5.069 ng
 RT: 10.97 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	16.6	12.7	19.1

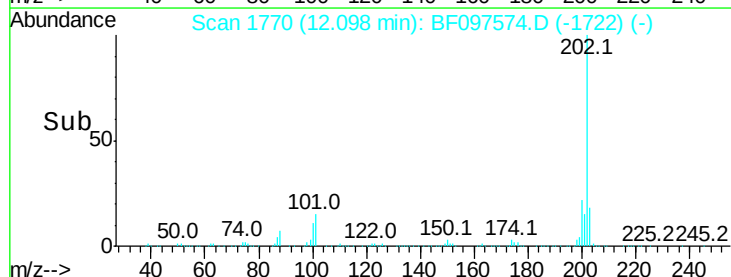
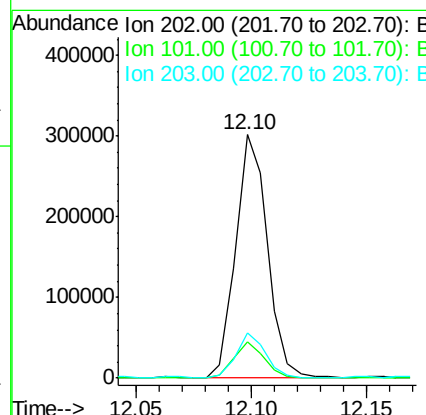
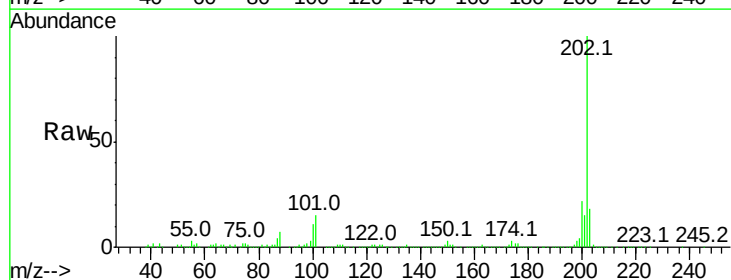
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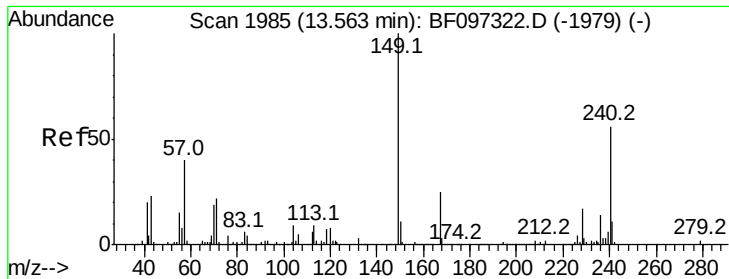
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#74
 Fluoranthene
 Concen: 18.191 ng
 RT: 12.10 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Instrument :

BNA_F

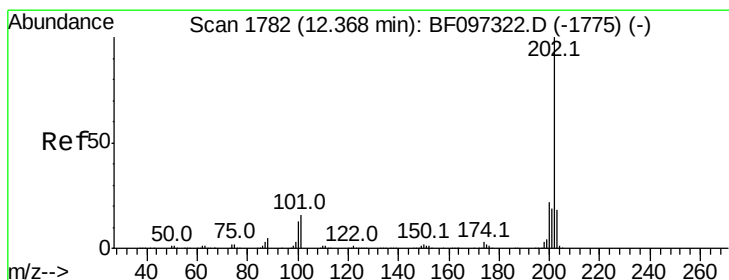
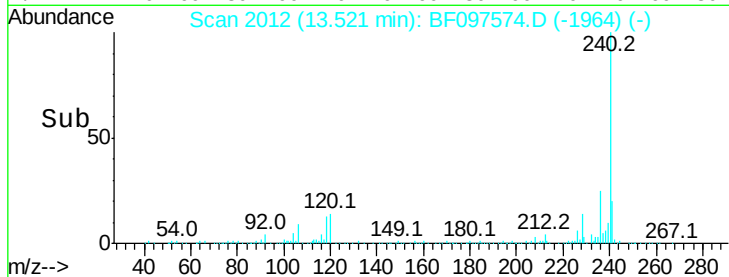
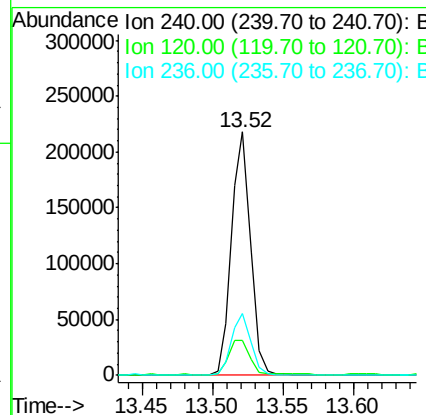
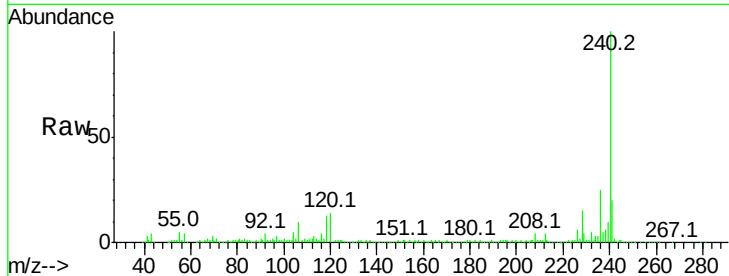
ClientSampleId :

NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.3	5.8	8.8#	
236	25.2	20.5	30.7	

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#77

Pyrene

Concen: 14.367 ng

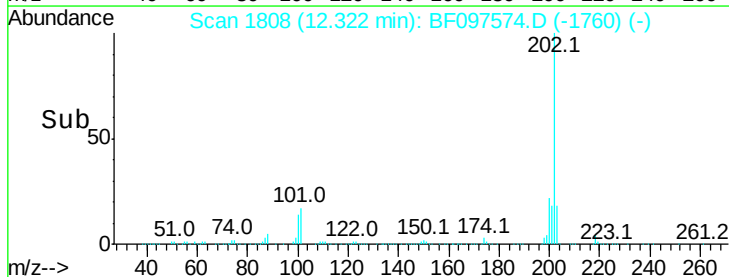
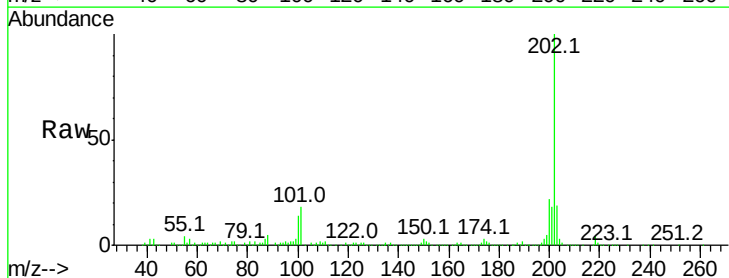
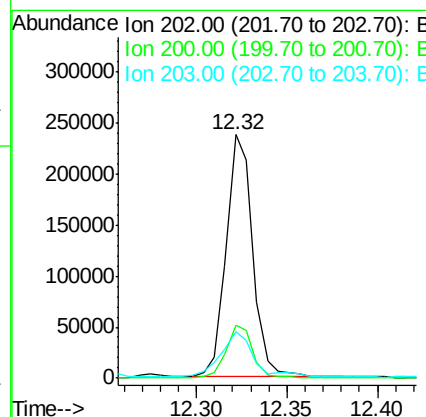
RT: 12.32 min Scan# 1808

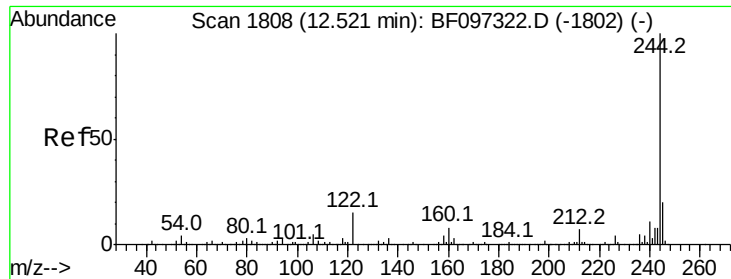
Delta R.T. -0.02 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.0	17.6	26.4	
203	19.0	14.4	21.6	





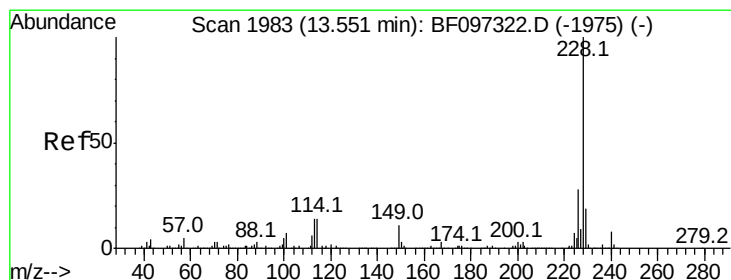
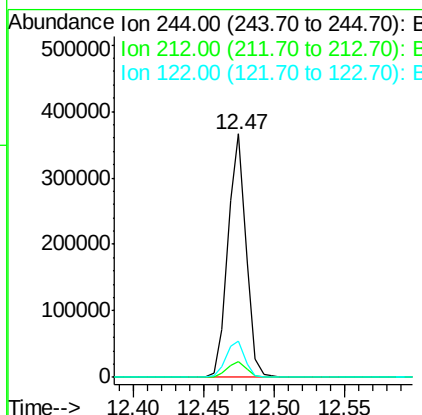
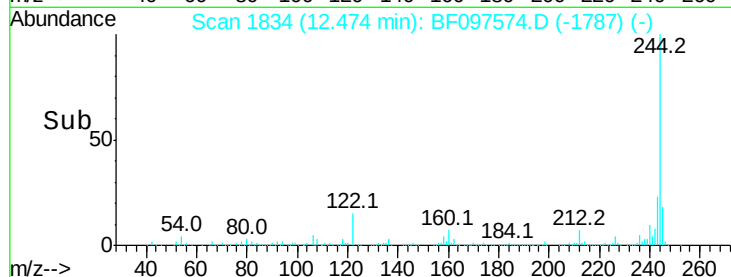
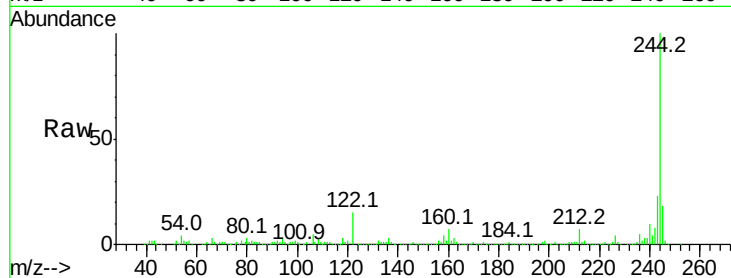
#78
 Terphenyl-d14
 Concen: 32.218 ng
 RT: 12.47 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.7	10.3	15.5

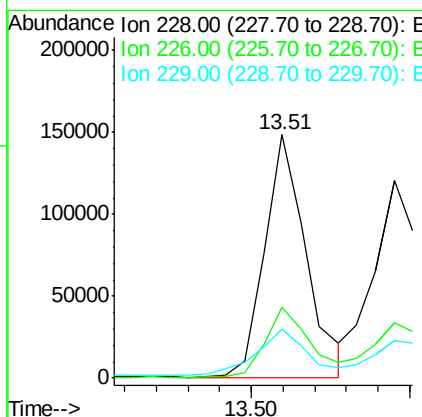
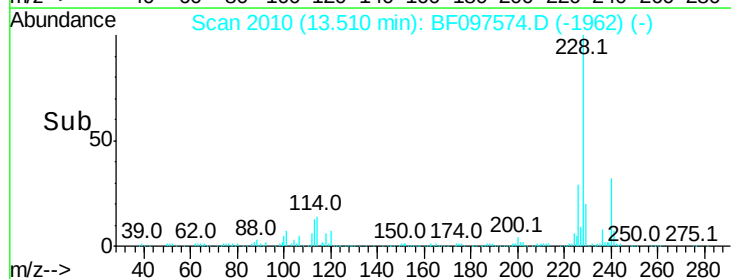
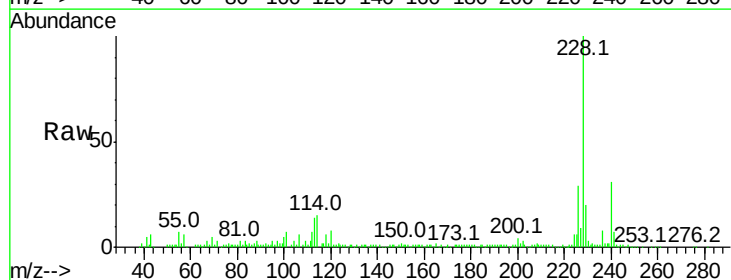
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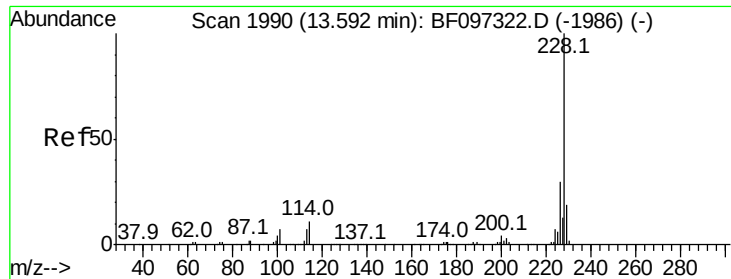
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#80
 Benzo(a)anthracene
 Concen: 10.096 ng
 RT: 13.51 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF097574.D
 Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.4	16.3	24.5





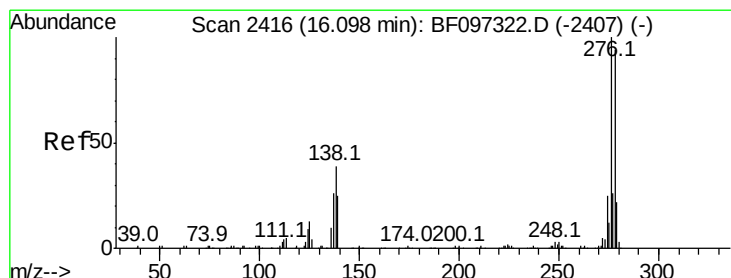
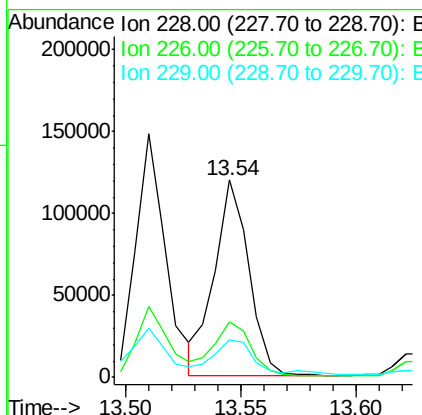
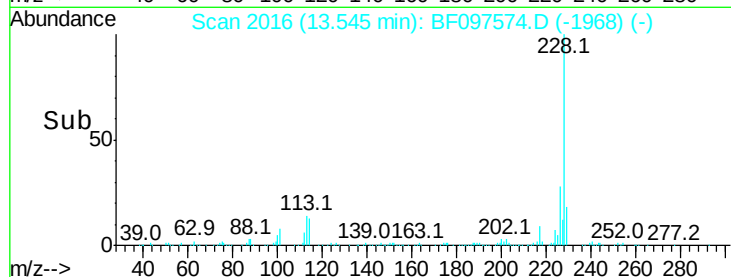
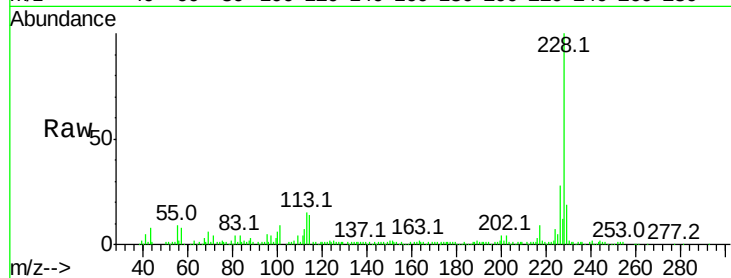
#82
Chrysene
Concen: 9.562 ng
RT: 13.54 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	18.9	15.8	23.6

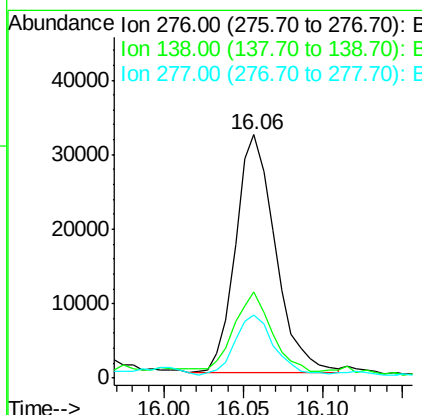
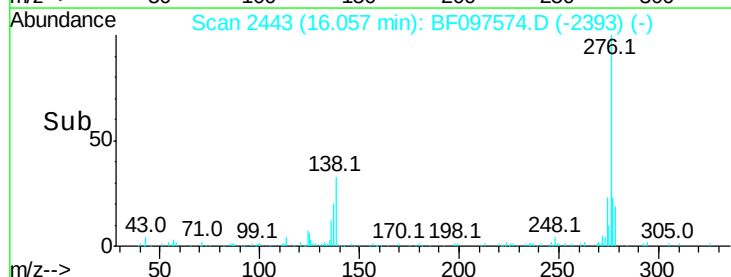
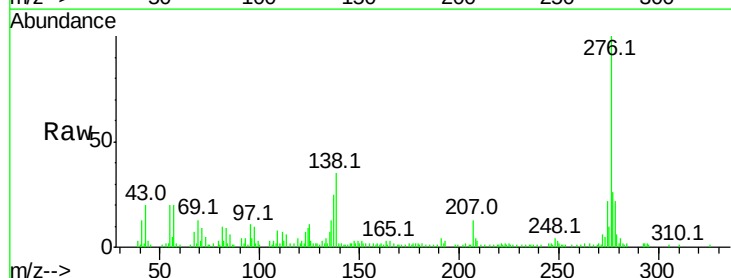
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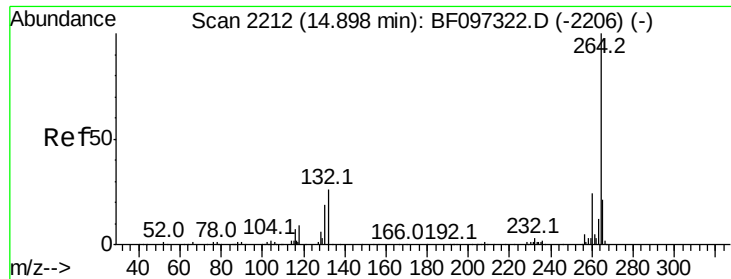
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.998 ng
RT: 16.06 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	27.8	41.6
277	24.4	20.2	30.4





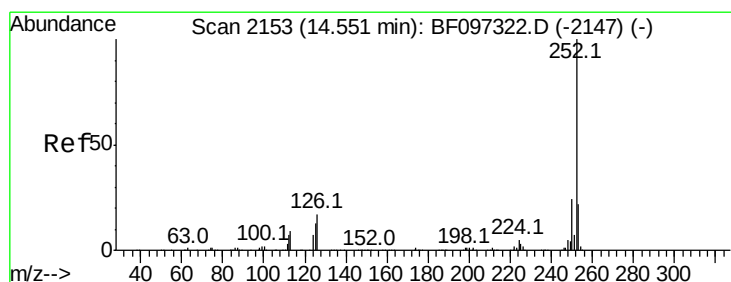
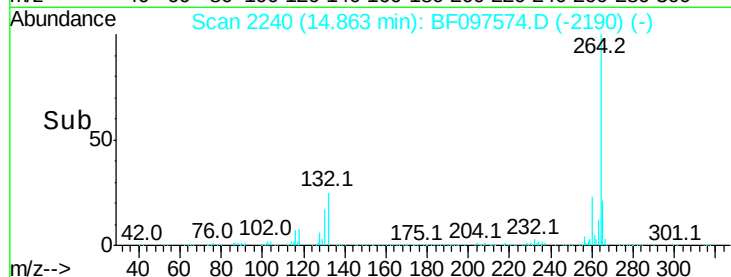
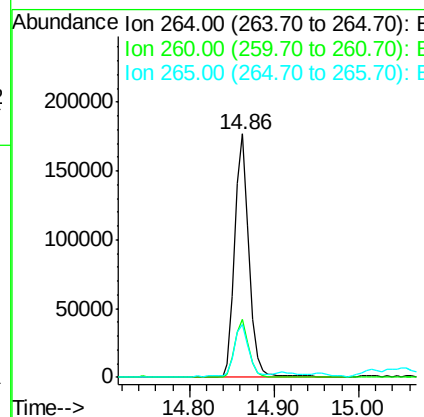
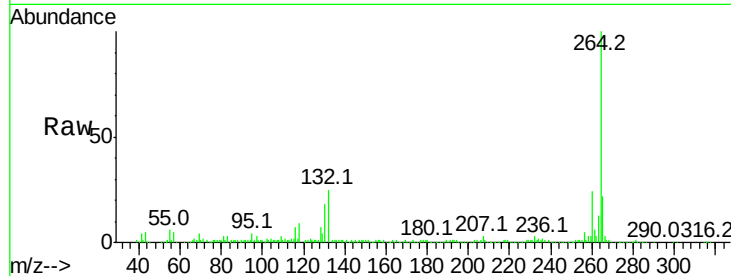
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.5	17.2	25.8

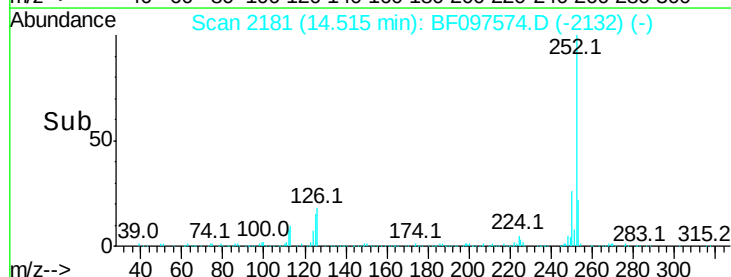
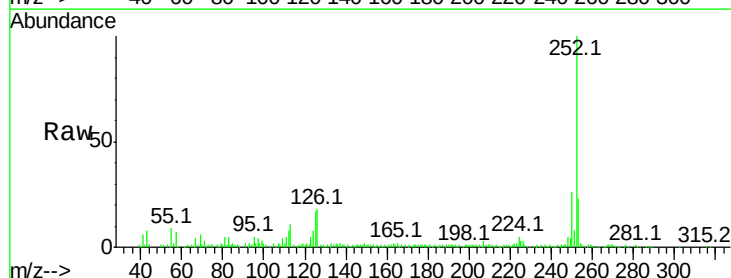
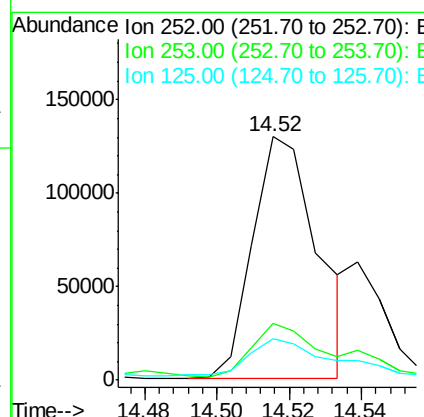
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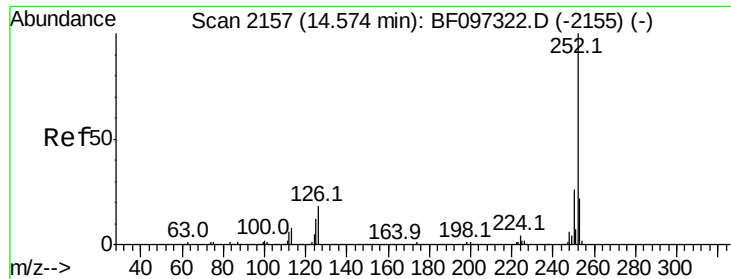
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#87
Benzo(b)fluoranthene
Concen: 13.198 ng m
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	17.2	9.8	14.8#





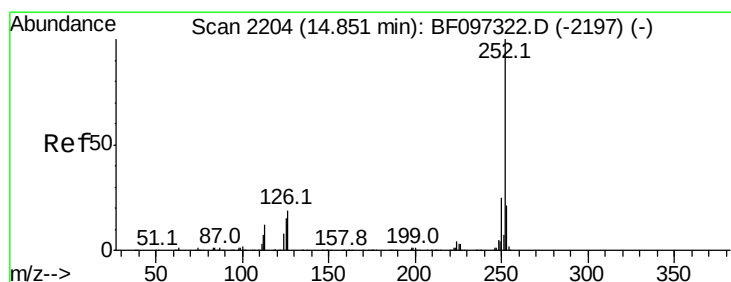
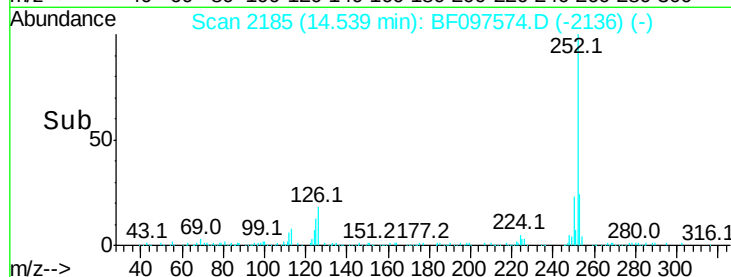
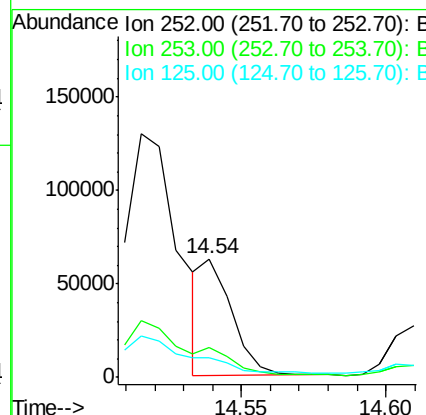
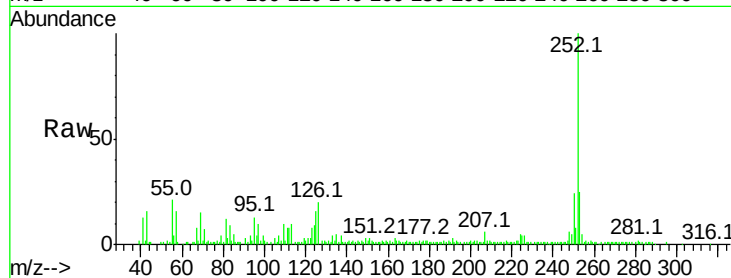
#88
Benzo(k)fluoranthene
Concen: 3.841 ng m
RT: 14.54 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-2B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	16.4	13.1	19.7

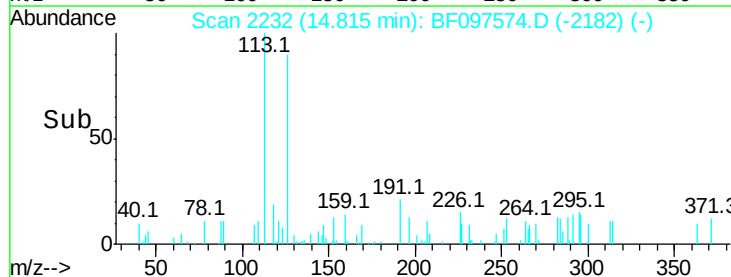
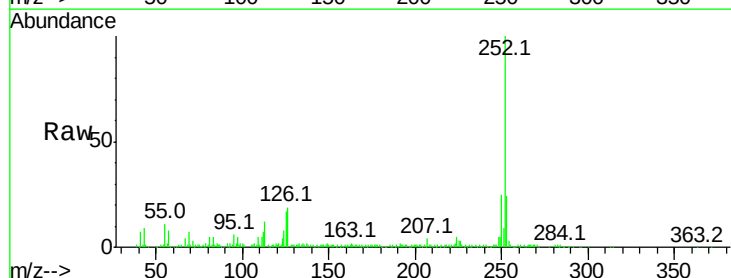
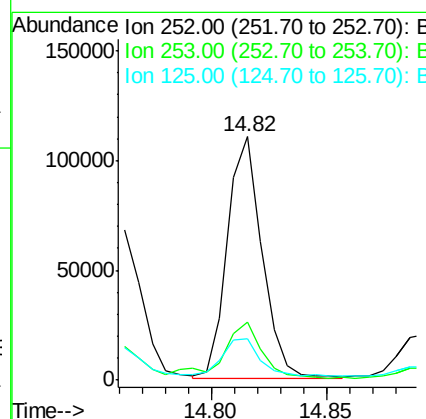
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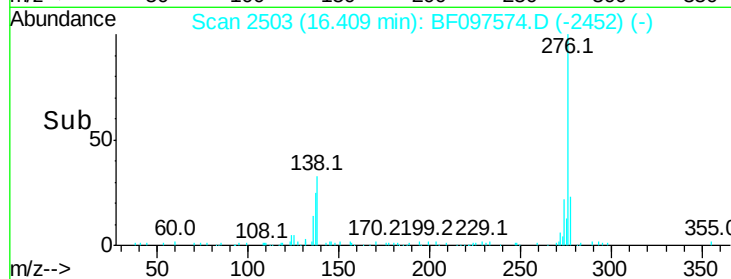
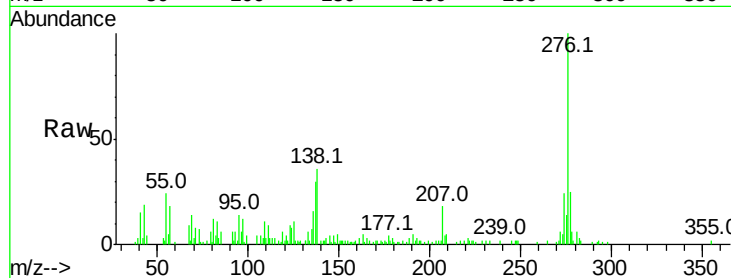
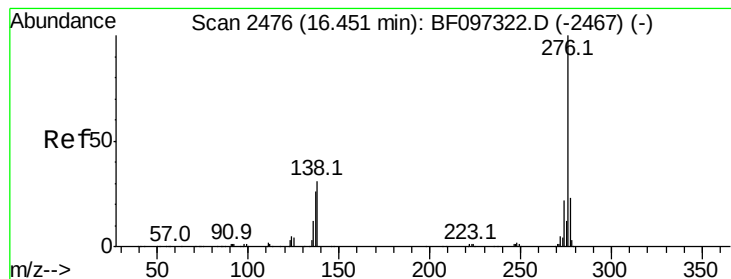
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#89
Benzo(a)pyrene
Concen: 10.233 ng
RT: 14.82 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF097574.D
Acq: 10 Aug 2017 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	16.9	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 5.163 ng

RT: 16.41 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BF097574.D

Acq: 10 Aug 2017 22:47

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-2B

Tot Ion: 276 Resp: 49790

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 35.8 25.4 38.0

Manual Integrations

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