

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097573.D
 Acq On : 10 Aug 2017 22:19
 Operator : SJ/JU
 Sample : I4697-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 11 04:07:28 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	109681	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	424985	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	185414	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	252471	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	184502	20.00	ng	-0.02
86) Perylene-d12	14.86	264	196316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	719871	98.94	ng	-0.02
7) Phenol-d6	6.07	99	822801	99.06	ng	-0.02
23) Nitrobenzene-d5	6.97	82	493112	68.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	115168	78.62	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	632116	57.86	ng	-0.02
78) Terphenyl-d14	12.47	244	305220	33.73	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	174576	12.399	ng	98
70) Phenanthrene	10.92	178	185647	13.724	ng	98
71) Anthracene	10.97	178	50341	3.633	ng	96
74) Fluoranthene	12.10	202	266691	20.124	ng	99
77) Pyrene	12.32	202	220895	14.624	ng	98
80) Benzo(a)anthracene	13.51	228	116958	9.797	ng	96
82) Chrysene	13.54	228	104391	8.955	ng	98
85) Indeno(1,2,3-cd)pyrene	16.05	276	53745	5.377	ng	98
87) Benzo(b)fluoranthene	14.52	252	155275m	13.158	ng	
88) Benzo(k)fluoranthene	14.54	252	39340m	3.498	ng	
89) Benzo(a)pyrene	14.81	252	102886	9.526	ng	96
91) Benzo(a,h,i)perylene	16.40	276	47683	5.134	ng	96

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

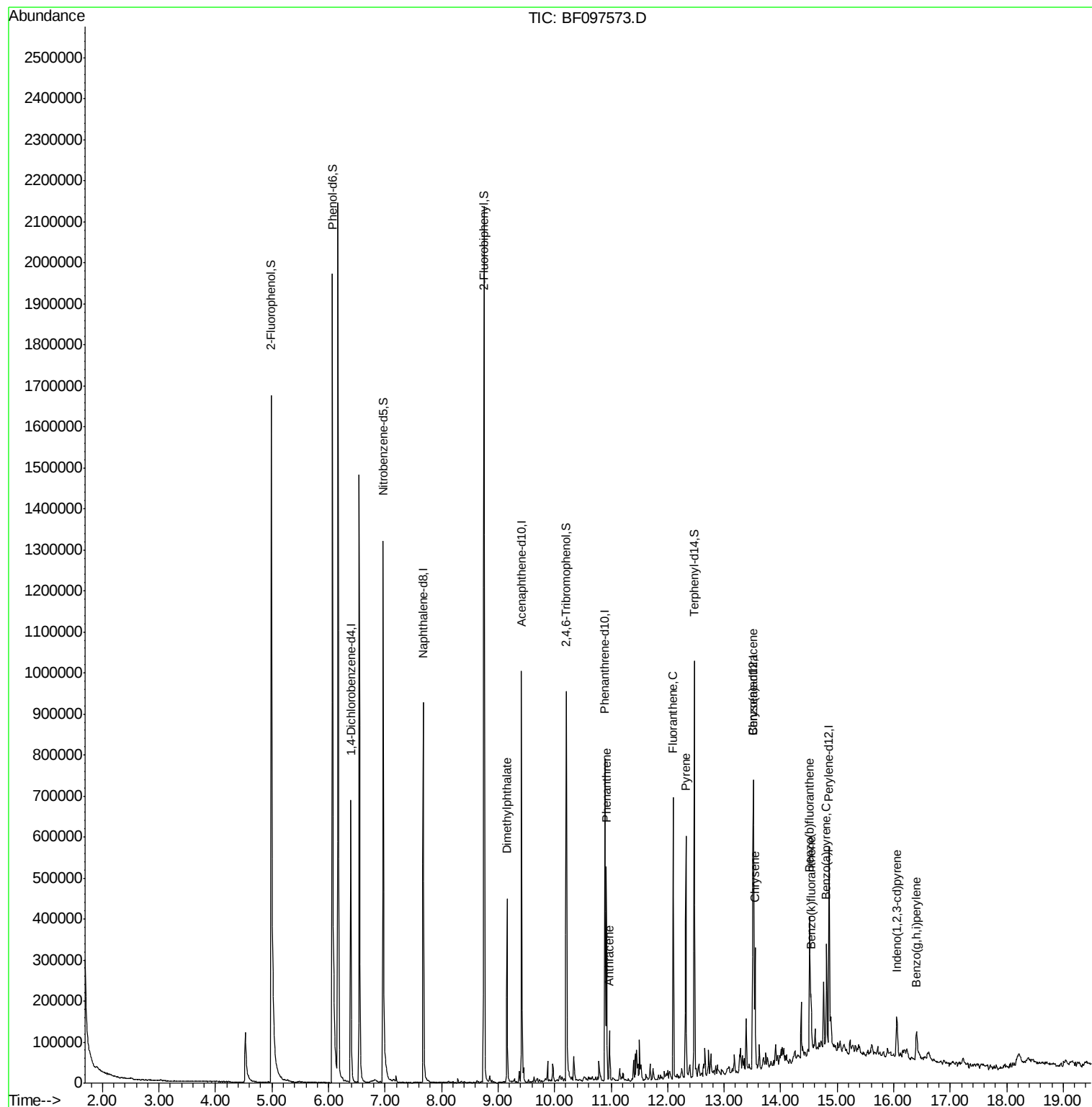
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097573.D
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Sample : I4697-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

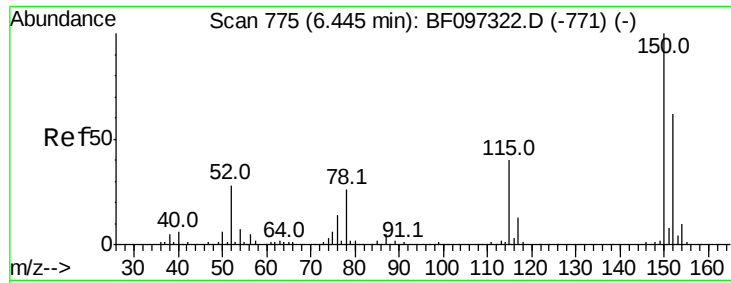
Instrument :
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#1

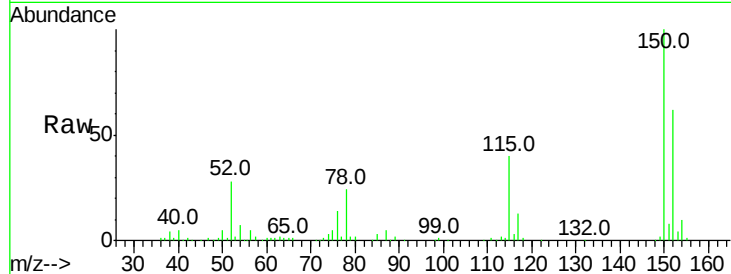
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	64.3	52.2	78.2

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Abundance

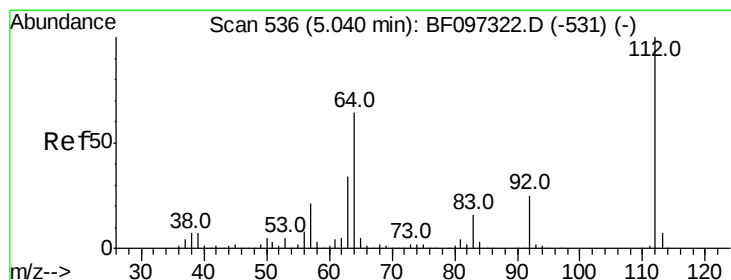
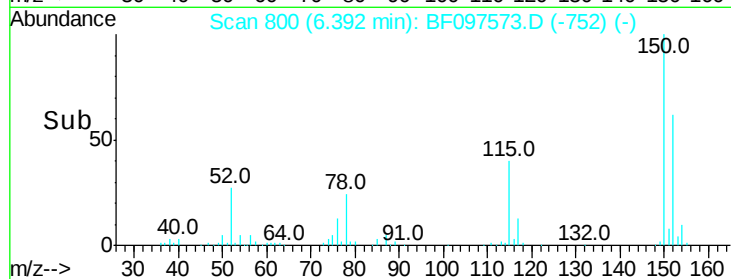
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

6.39

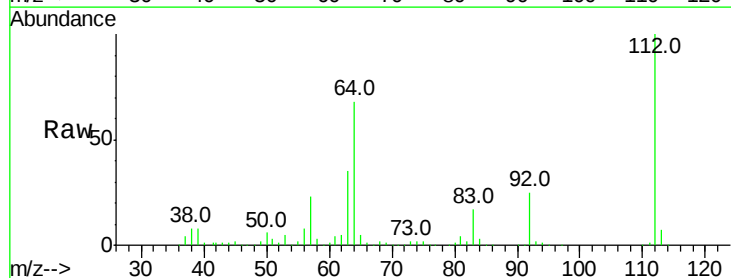
Time-->



#5

2-Fluorophenol
Concen: 98.941 ng
RT: 4.99 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.0	69.0
63	35.0	23.4	35.0



Abundance

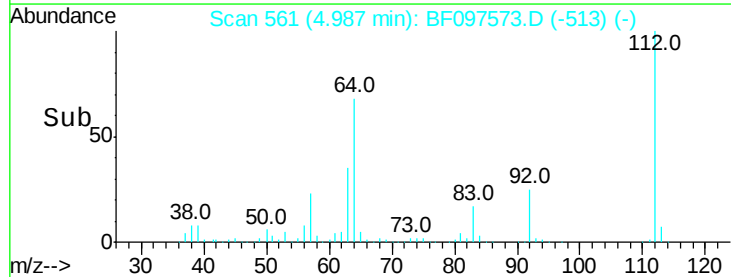
Ion 112.00 (111.70 to 112.70): E

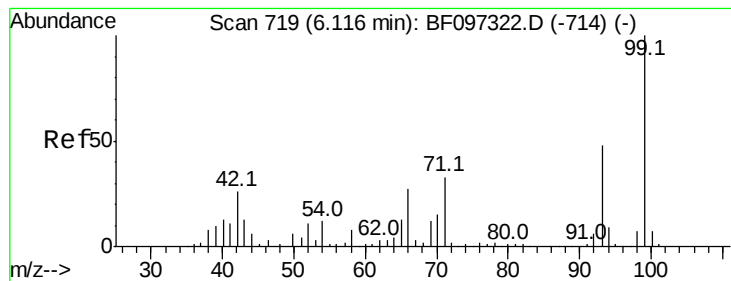
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

4.99

Time-->





#7

Phenol-d6

Concen: 99.060 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097573.D

Acq: 10 Aug 2017 22:19

Instrument :

BNA_F

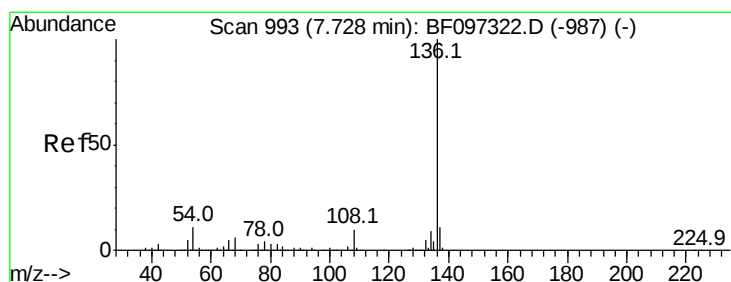
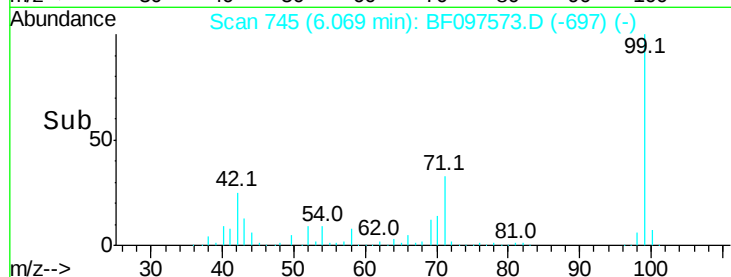
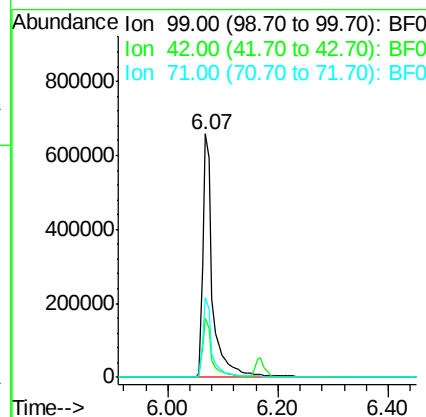
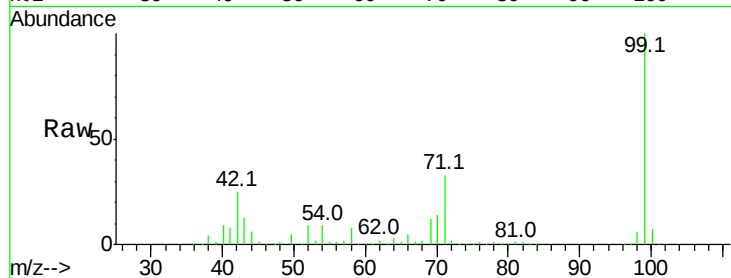
ClientSampleId :

NYSEG-PH4-ESMI-2A

Tot Ion:	99	Resp:	822801
Ion Ratio	Lower	Upper	
99	100		
42	24.5	13.5	20.3#
71	33.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

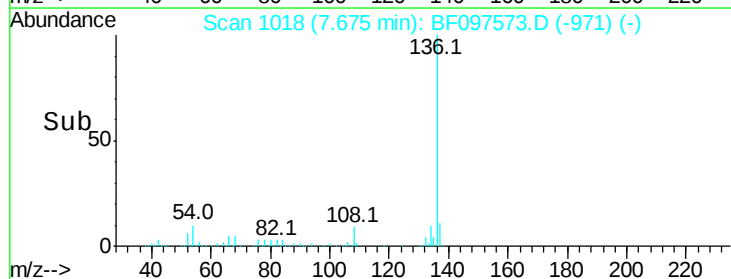
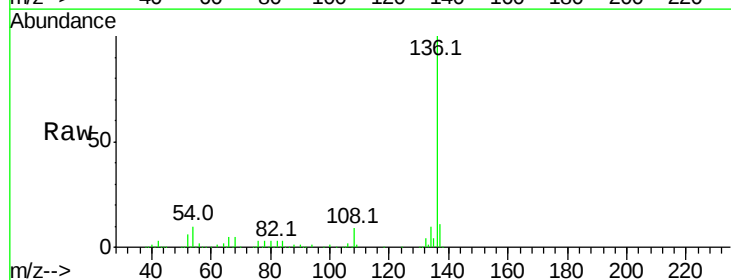
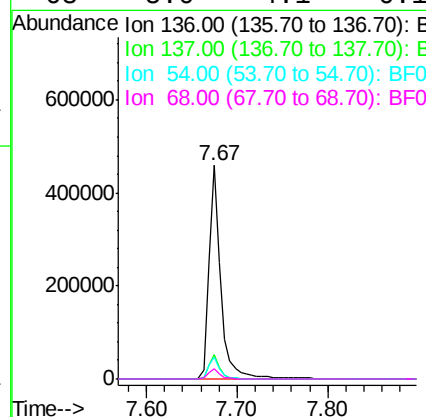
RT: 7.67 min Scan# 1018

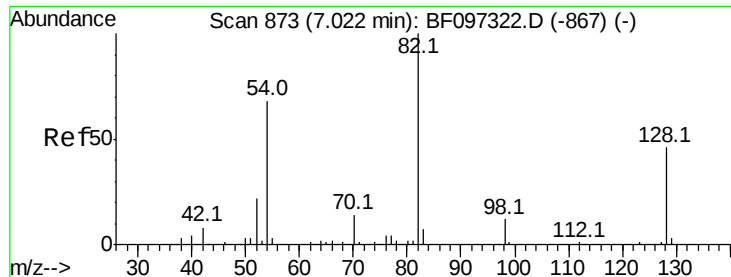
Delta R.T. -0.02 min

Lab File: BF097573.D

Acq: 10 Aug 2017 22:19

Tgt Ion:	136	Resp:	424985
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	5.0	4.1	6.1





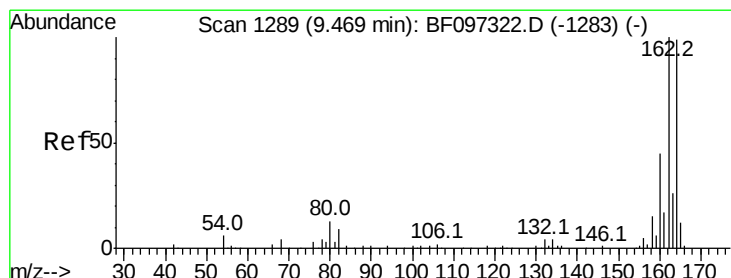
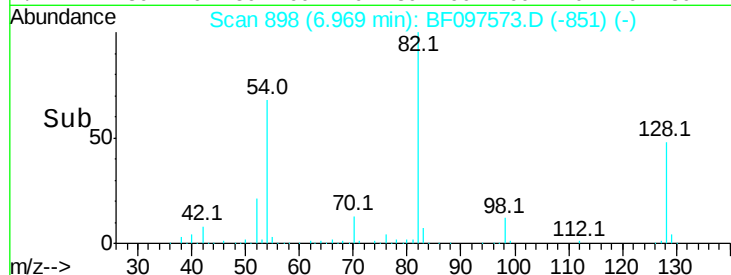
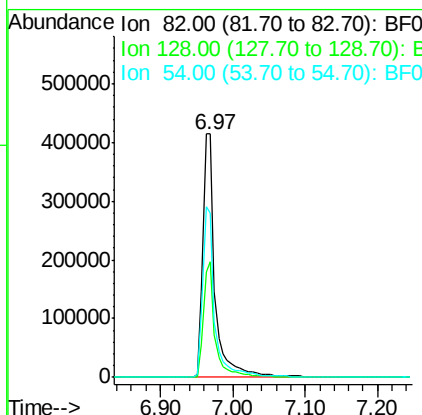
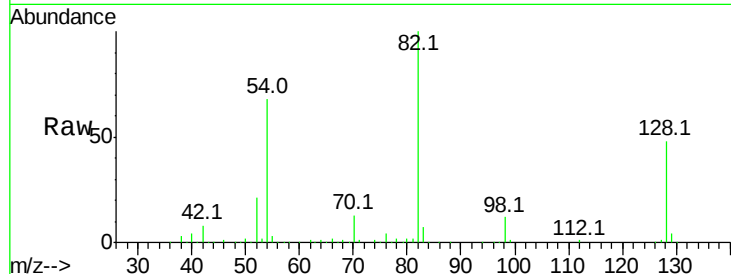
#23
 Nitrobenzene-d5
 Concen: 68.068 ng
 RT: 6.97 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF097573.D
 Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	34.0	51.0	
54	67.6	42.2	63.2	

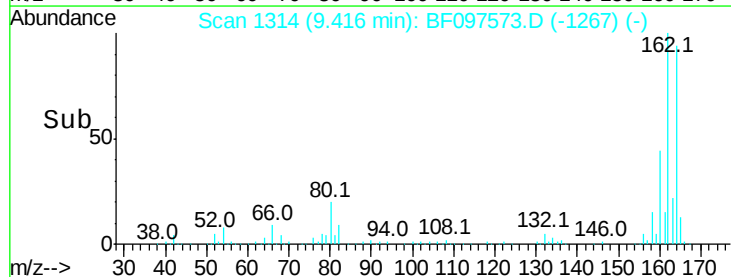
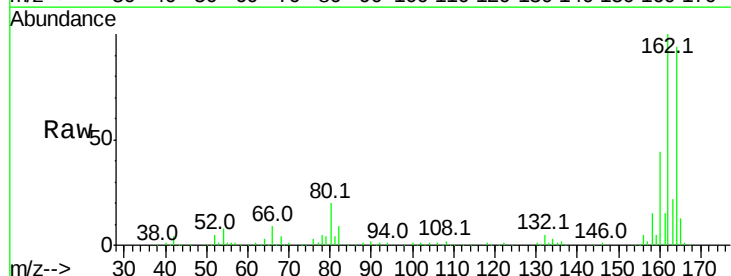
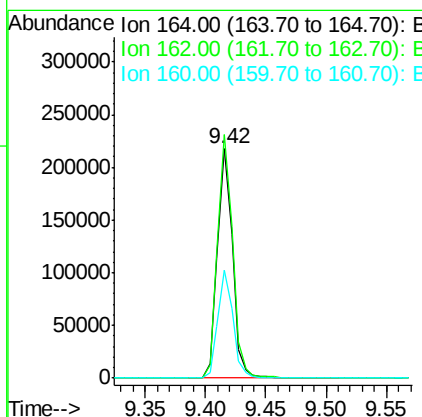
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF097573.D
 Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	82.6	123.8	
160	46.8	36.2	54.2	





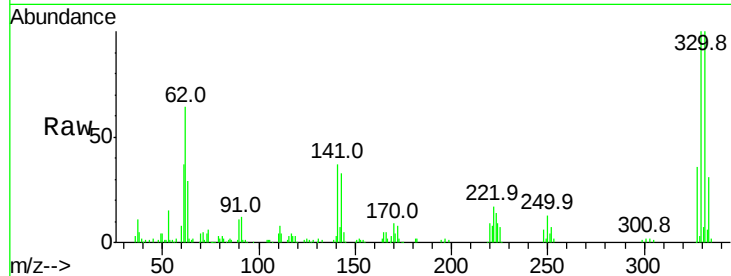
#41
 2,4,6-Tribromophenol
 Concen: 78.616 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097573.D
 Acq: 10 Aug 2017 22:19

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

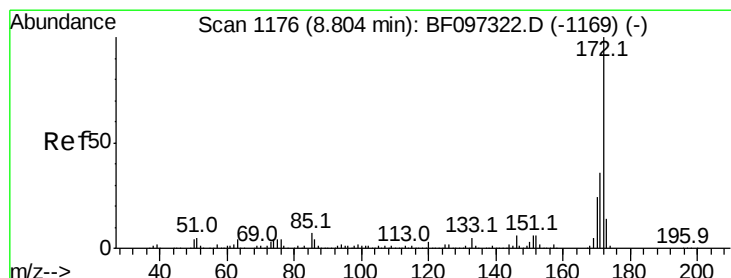
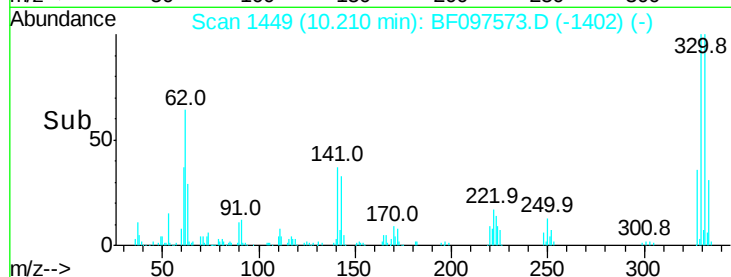
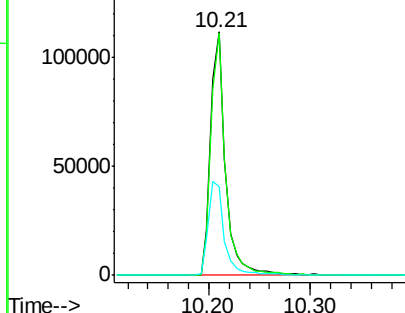
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.6	115.0	
141	41.7	31.4	47.2	

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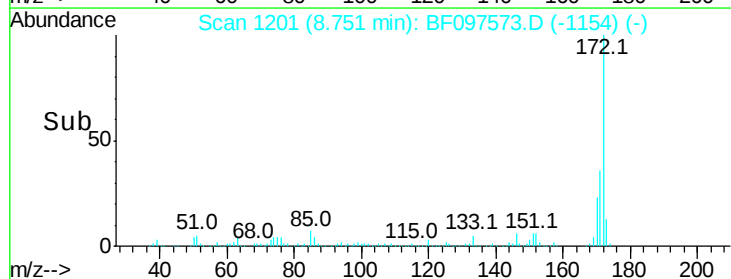
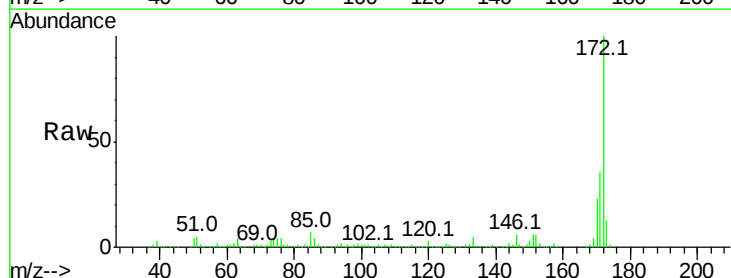
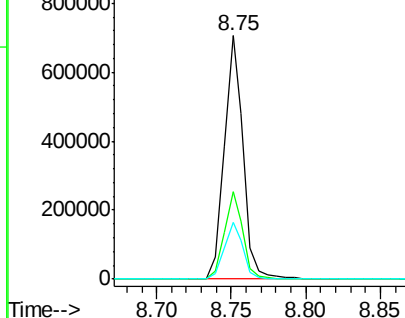
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

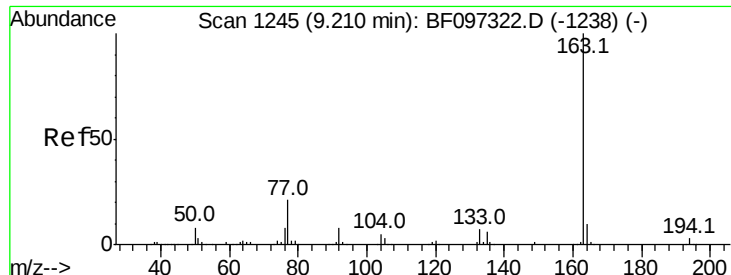


#44
 2-Fluorobiphenyl
 Concen: 57.858 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097573.D
 Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	23.4	19.8	29.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





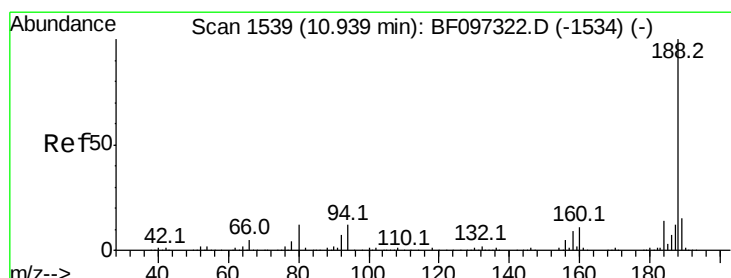
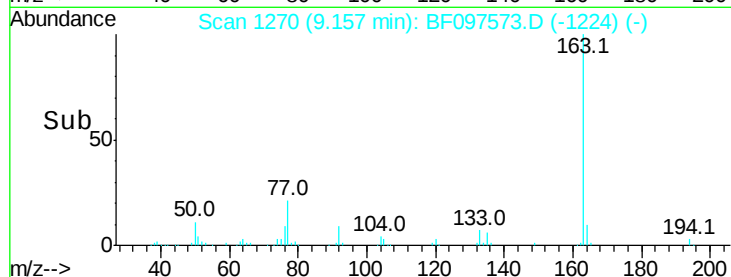
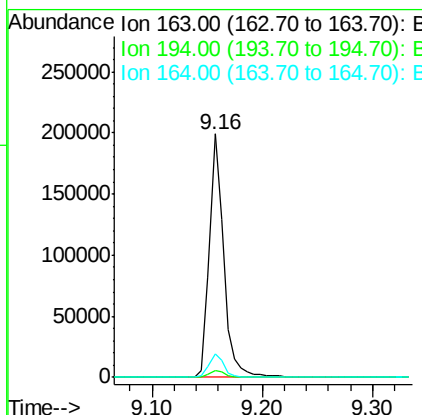
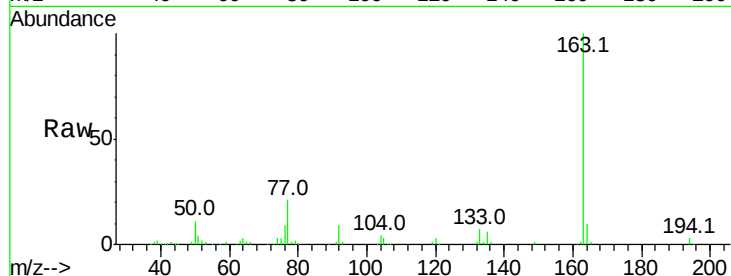
#49
 Dimethylphthalate
 Concen: 12.399 ng
 RT: 9.16 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF097573.D
 Acq: 10 Aug 2017 22:19

Instrument :
 BNA_F
 ClientSampleID :
 NYSEG-PH4-ESMI-2A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	174576		
194	2.9		2.6	4.0
164	9.9		8.4	12.6

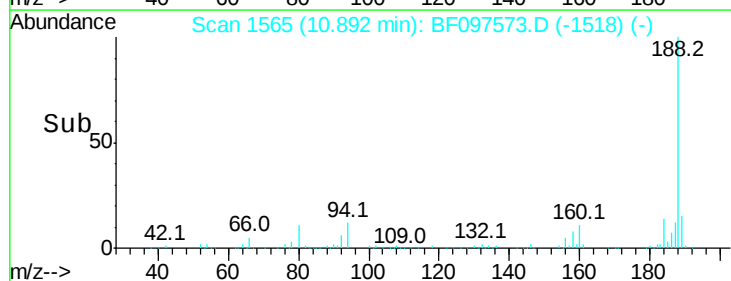
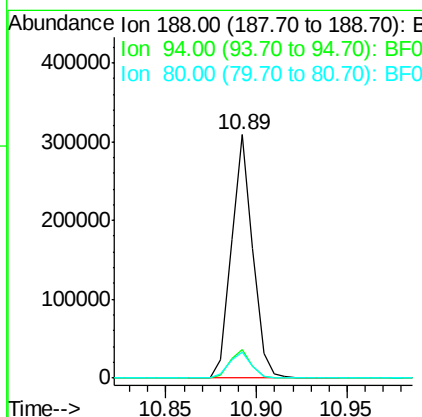
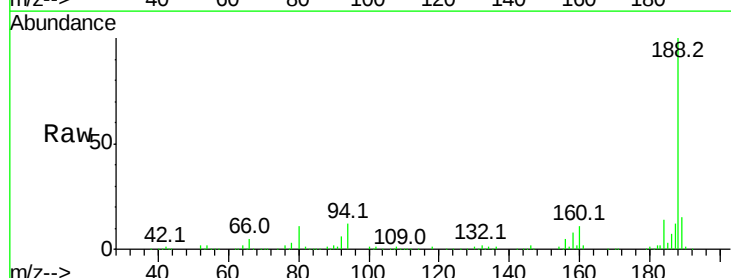
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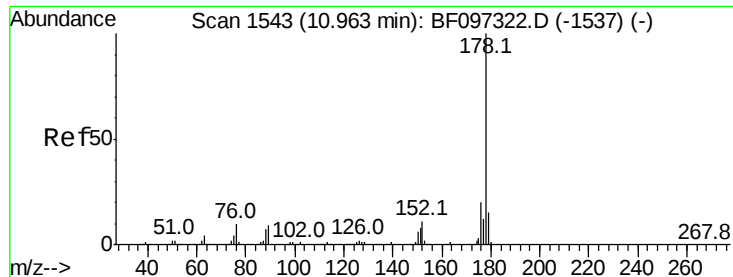
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF097573.D
 Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	252471		
94	11.6		9.4	14.2
80	10.9		10.2	15.2





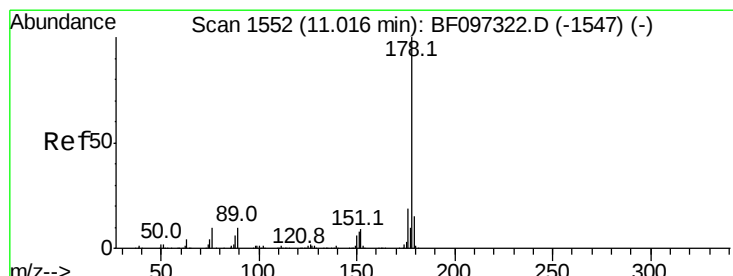
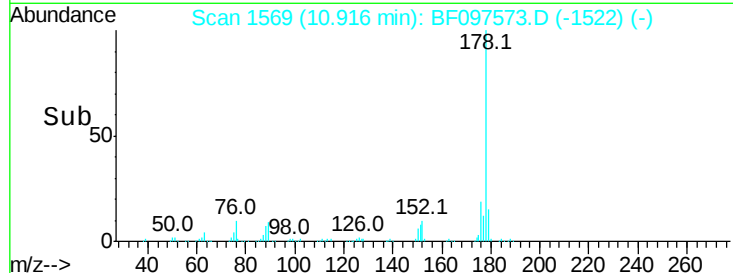
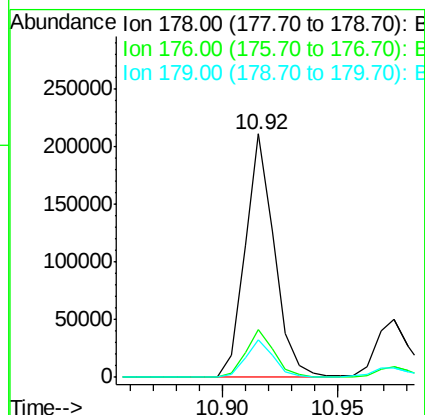
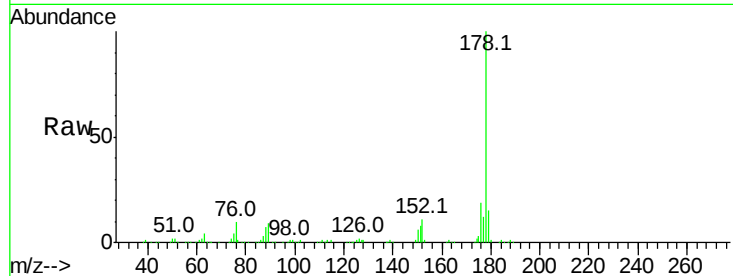
#70
Phenanthrene
Concen: 13.724 ng
RT: 10.92 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0

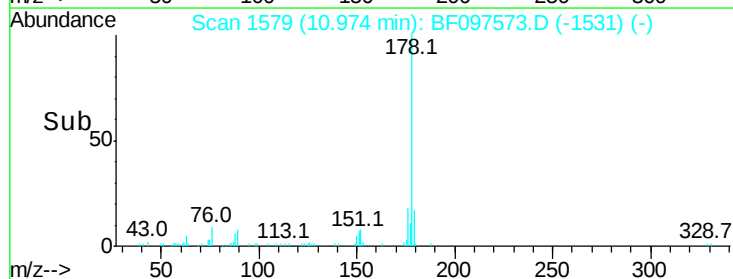
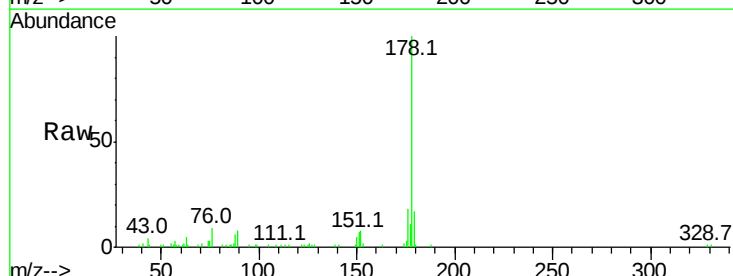
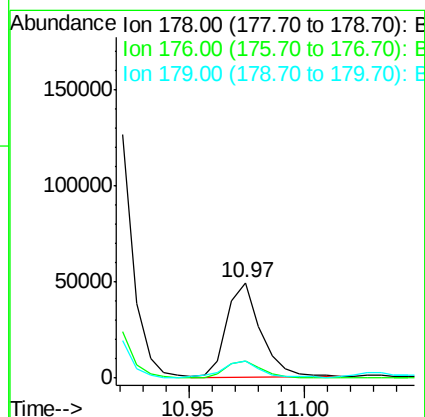
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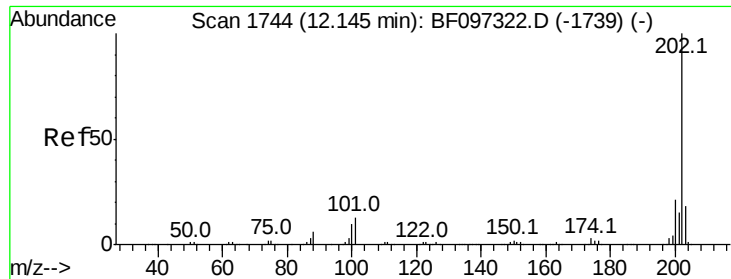
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#71
Anthracene
Concen: 3.633 ng
RT: 10.97 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	17.3	12.7	19.1





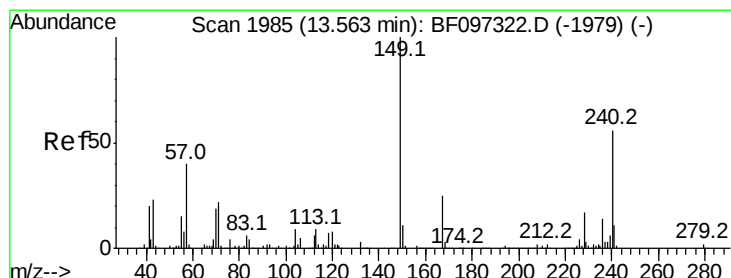
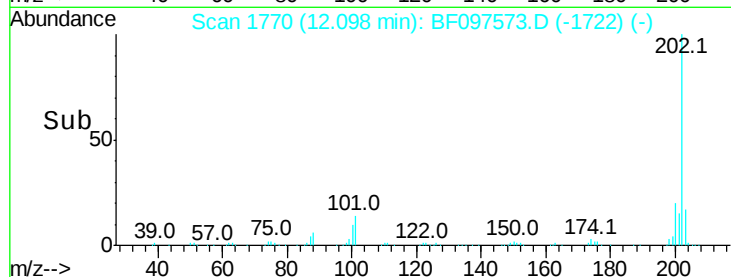
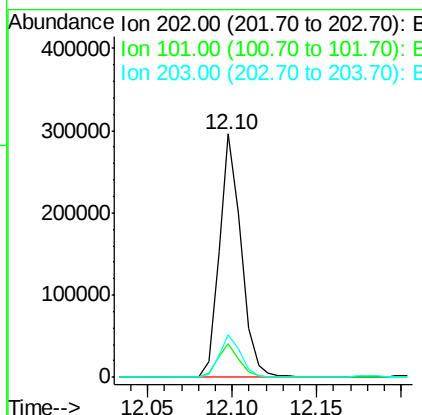
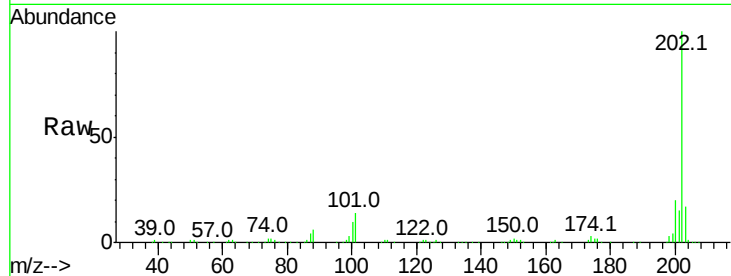
#74
Fluoranthene
Concen: 20.124 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.4	0.0	38.1

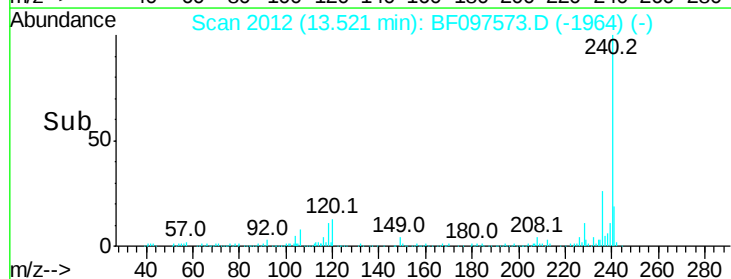
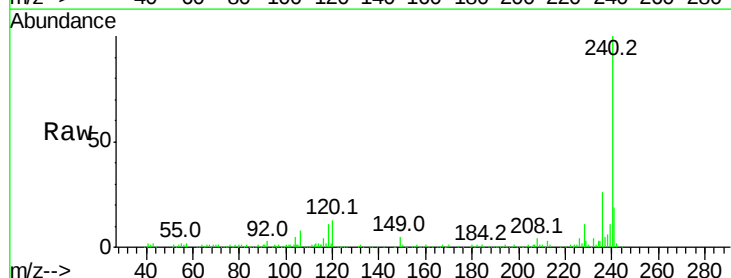
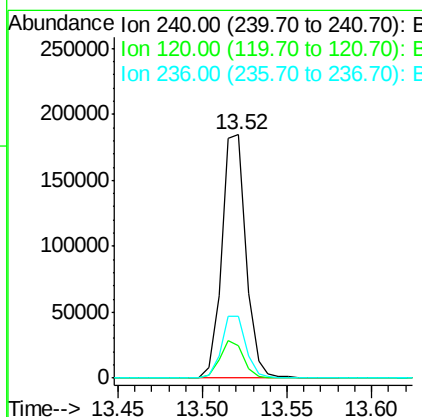
Manual Integrations
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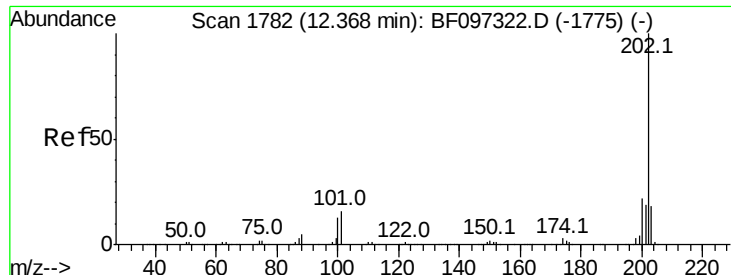
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.6	20.5	30.7





#77

Pvrene

Concen: 14.624 ng

RT: 12.32 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF097573.D

Acq: 10 Aug 2017 22:19

Instrument :

BNA_F

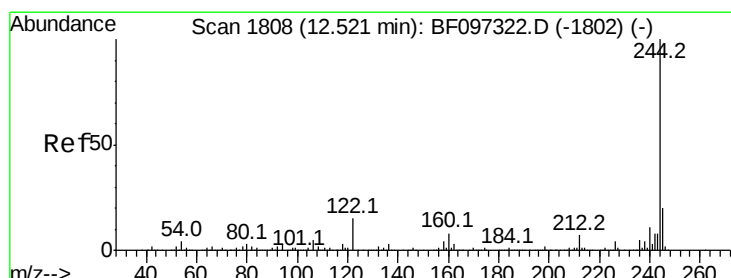
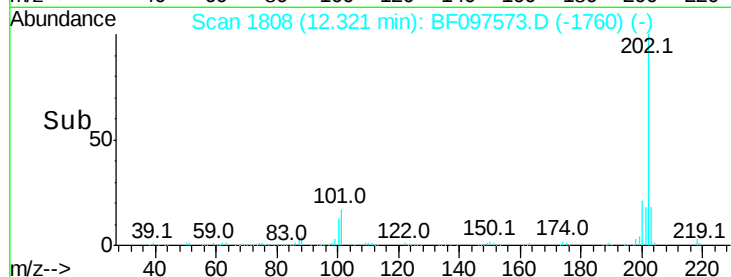
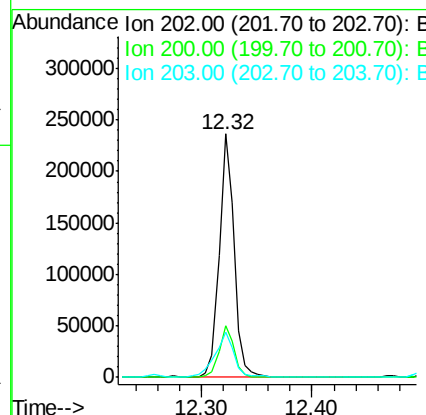
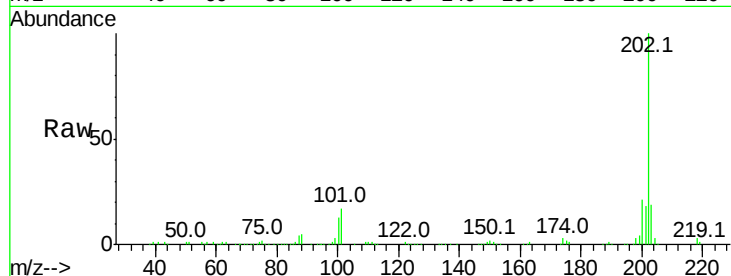
ClientSampleId :

NYSEG-PH4-ESMI-2A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.8	14.4	21.6

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#78

Terphenyl-d14

Concen: 33.729 ng

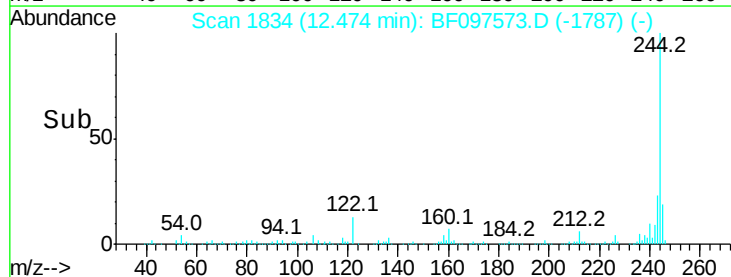
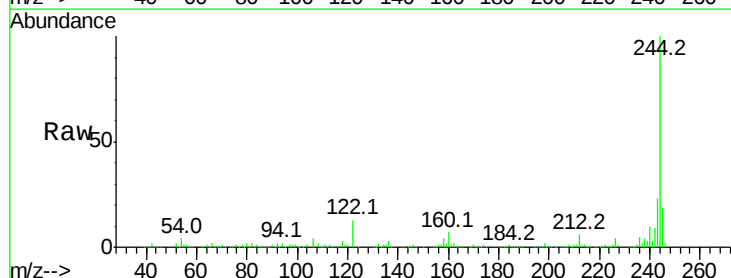
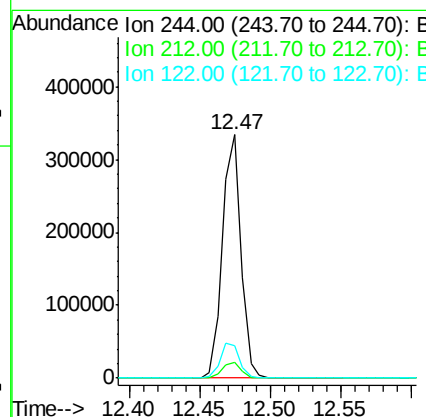
RT: 12.47 min Scan# 1834

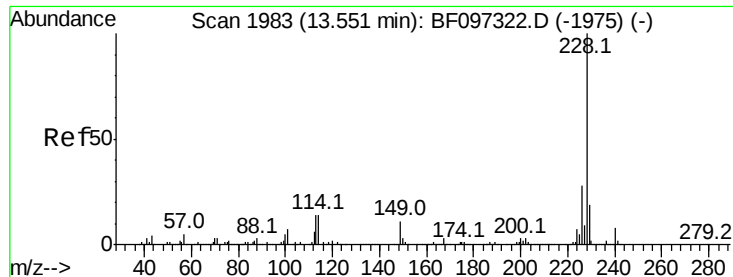
Delta R.T. -0.02 min

Lab File: BF097573.D

Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.4	10.3	15.5





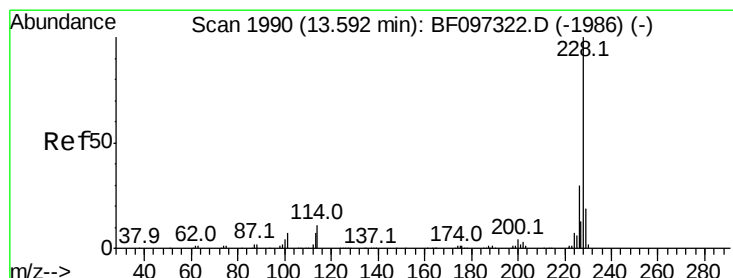
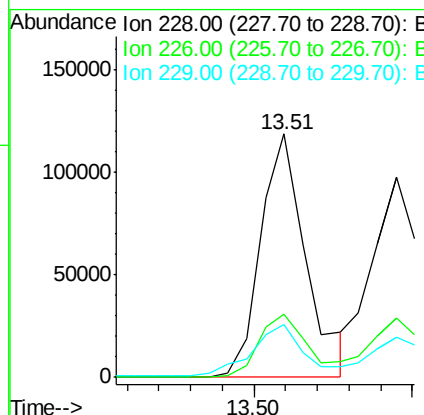
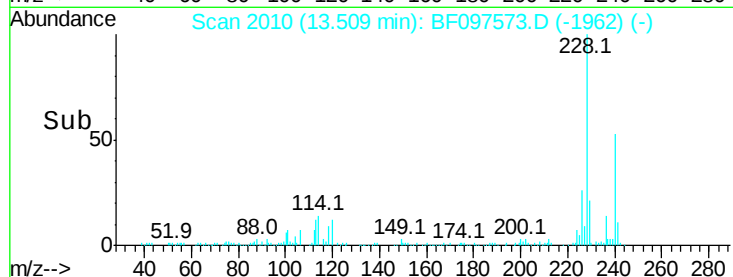
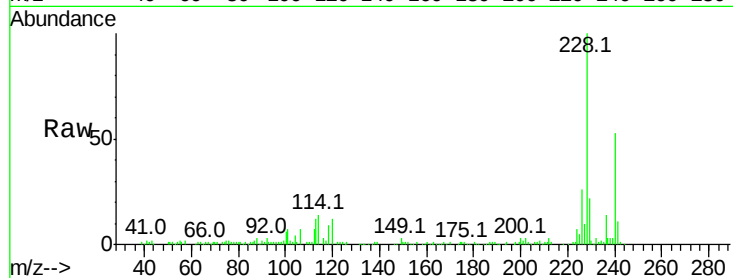
#80
Benzo(a)anthracene
Concen: 9.797 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	21.9	16.3	24.5

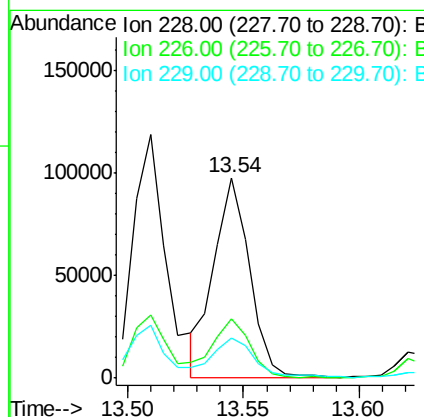
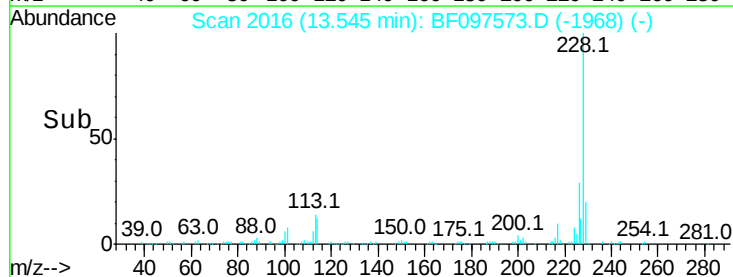
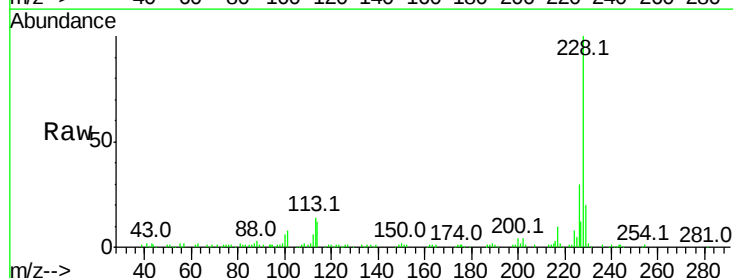
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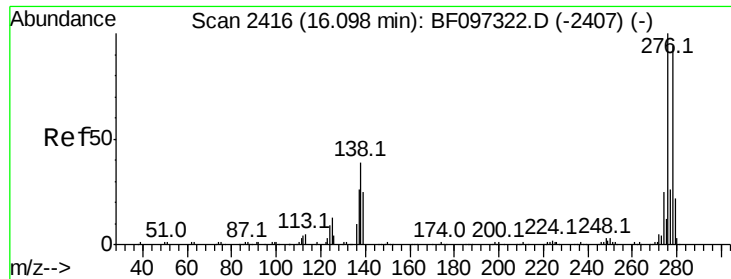
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#82
Chrysene
Concen: 8.955 ng
RT: 13.54 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.2	15.8	23.6





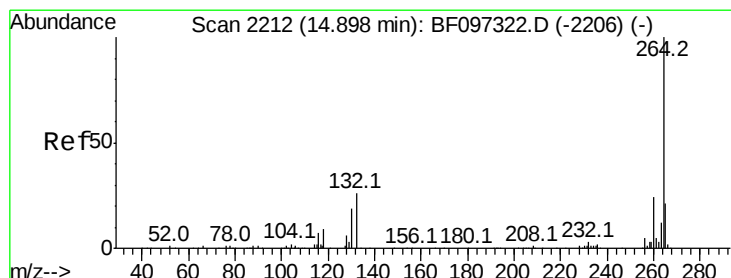
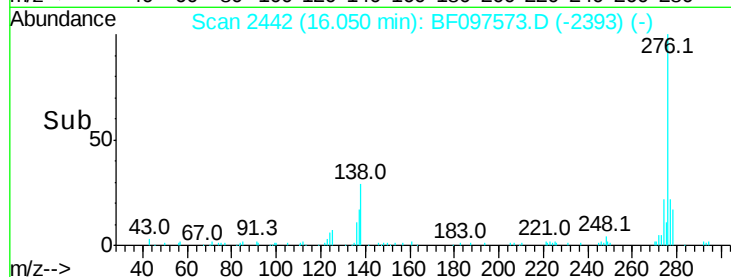
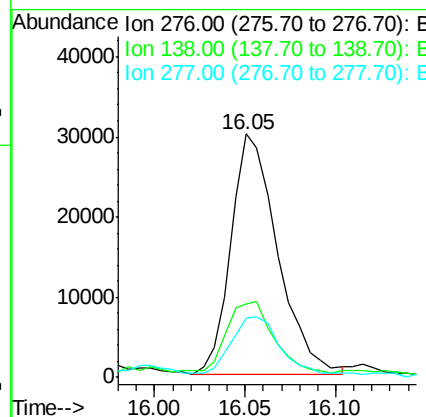
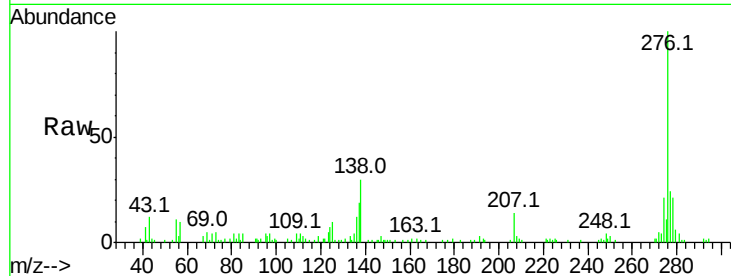
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.377 ng
RT: 16.05 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.8	41.6
277	24.5	20.2	30.4

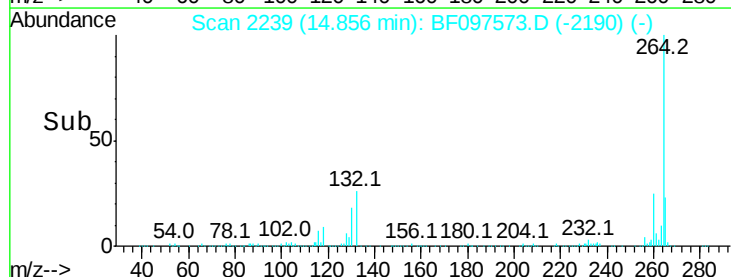
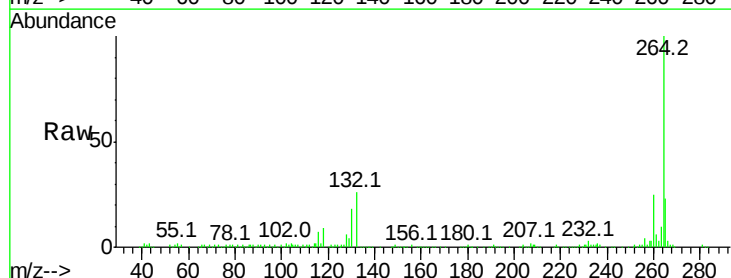
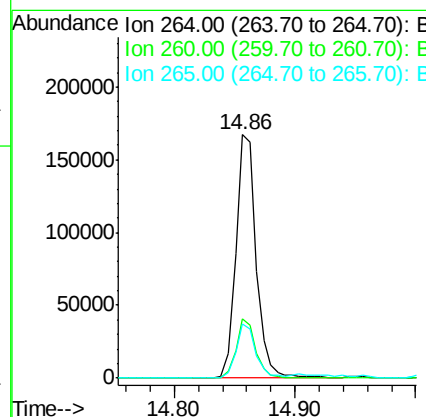
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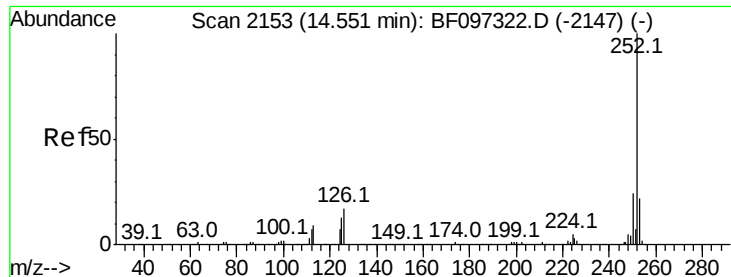
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 13.158 ng m

RT: 14.52 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF097573.D

Acq: 10 Aug 2017 22:19

Instrument :

BNA_F

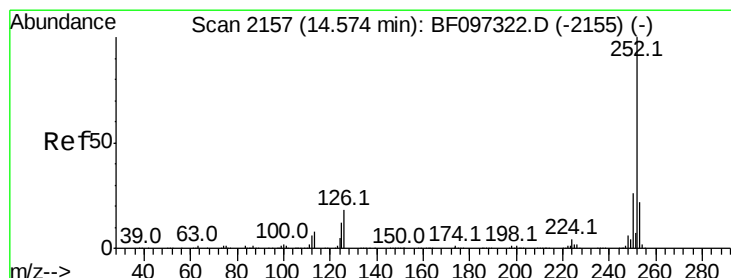
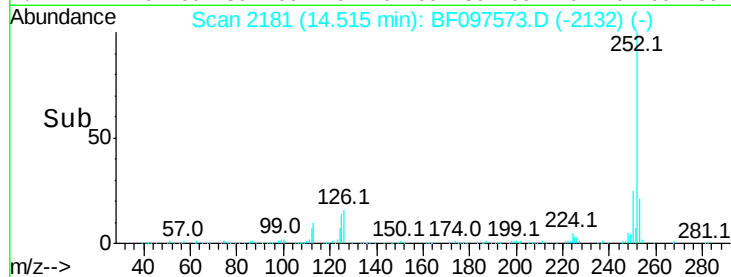
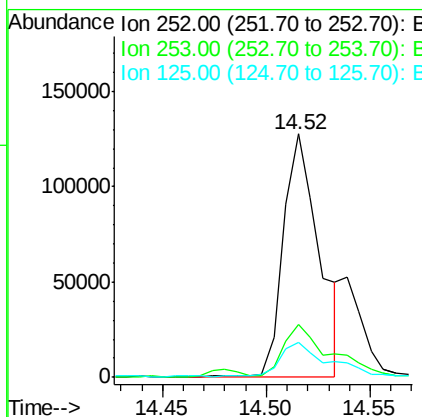
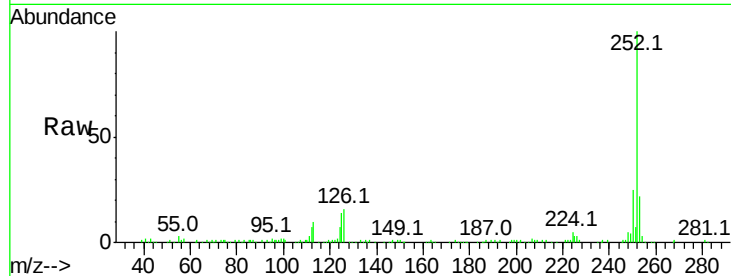
ClientSampleId :

NYSEG-PH4-ESMI-2A

Tot Ion:	252	Resp:	155275
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	14.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 3.498 ng m

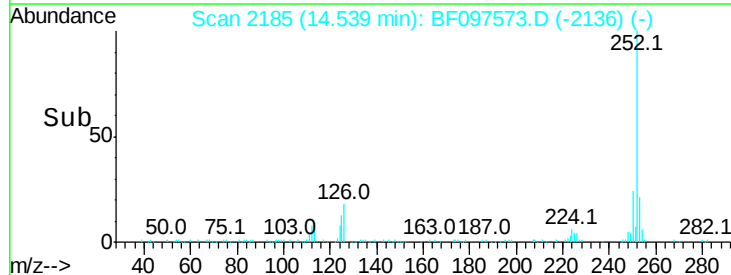
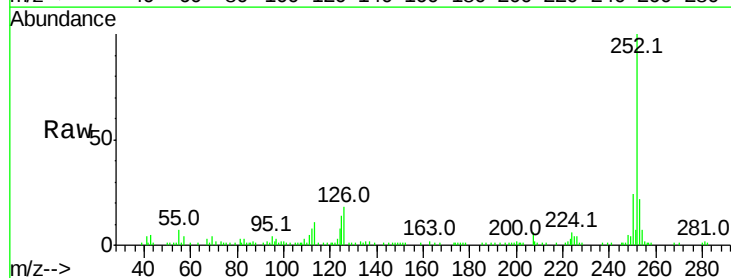
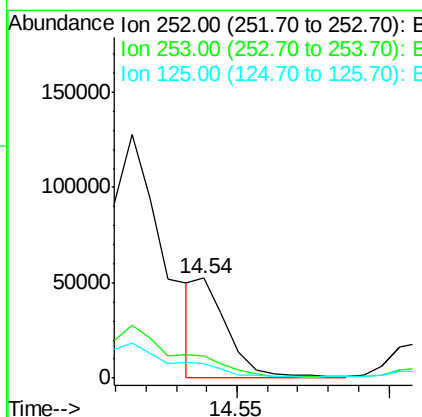
RT: 14.54 min Scan# 2185

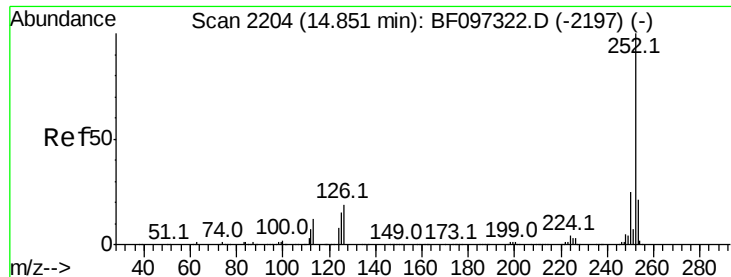
Delta R.T. -0.01 min

Lab File: BF097573.D

Acq: 10 Aug 2017 22:19

Tgt Ion:	252	Resp:	39340
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	14.5	13.1	19.7





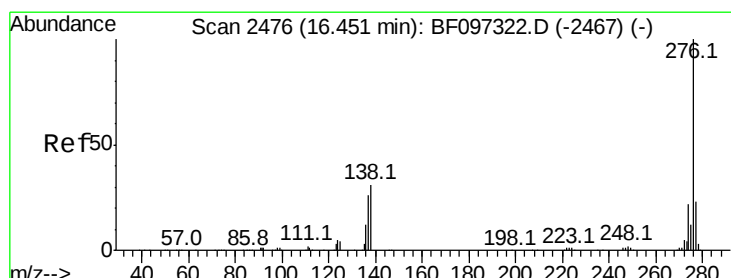
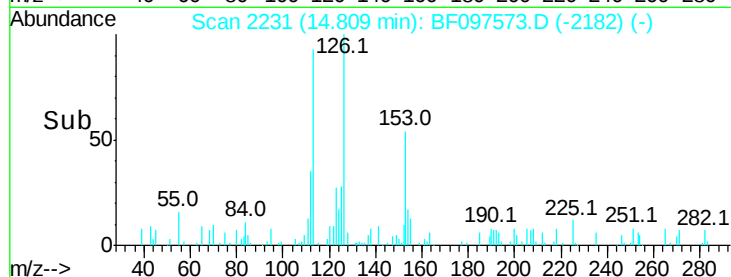
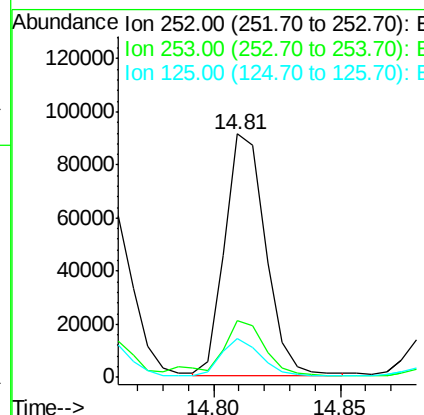
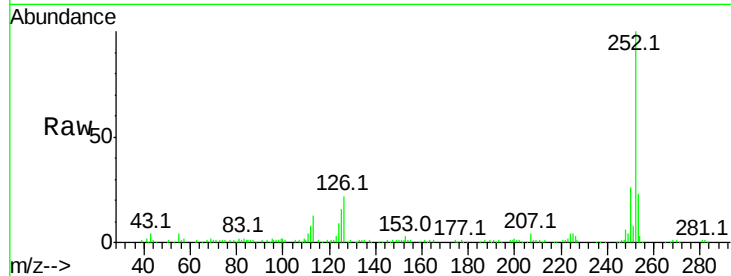
#89
Benzo(a)pyrene
Concen: 9.526 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.8	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.134 ng
RT: 16.40 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF097573.D
Acq: 10 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	34.5	25.4	38.0

