

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097414.D
 Acq On : 5 Aug 2017 23:07
 Operator : SJ/JU
 Sample : I4614-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Manual Integrations
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Quant Time: Aug 06 05:18:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	8351	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	28191	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	9875	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	18125	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	18072	20.00	ng	-0.08
86) Perylene-d12	14.89	264	11699	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	62045	112.00	ng	-0.06
7) Phenol-d6	6.11	99	66598	105.31	ng	-0.06
23) Nitrobenzene-d5	7.00	82	33486	69.68	ng	-0.08
41) 2,4,6-Tribromophenol	10.25	330	9313	119.36	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	59801	102.77	ng	-0.08
78) Terphenyl-d14	12.50	244	52174	58.86	ng	-0.08
Target Compounds						
48) Acenaphthylene	9.32	152	6900	7.242	ng	Qvalue 96
49) Dimethylphthalate	9.19	163	8998	11.999	ng	98
70) Phenanthrene	10.95	178	24018	24.732	ng	99
71) Anthracene	11.00	178	7007	7.045	ng	97
73) Di-n-butylphthalate	11.50	149	10076	8.333	ng	99
74) Fluoranthene	12.13	202	38423	40.386	ng	98
77) Pyrene	12.35	202	48468	32.760	ng	99
80) Benzo(a)anthracene	13.54	228	17589	15.042	ng	# 87
82) Chrysene	13.57	228	16316	14.290	ng	# 92
87) Benzo(b)fluoranthene	14.54	252	15825m	22.503	ng	
88) Benzo(k)fluoranthene	14.56	252	3785m	5.648	ng	
89) Benzo(a)pyrene	14.84	252	10762	16.721	ng	# 83

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

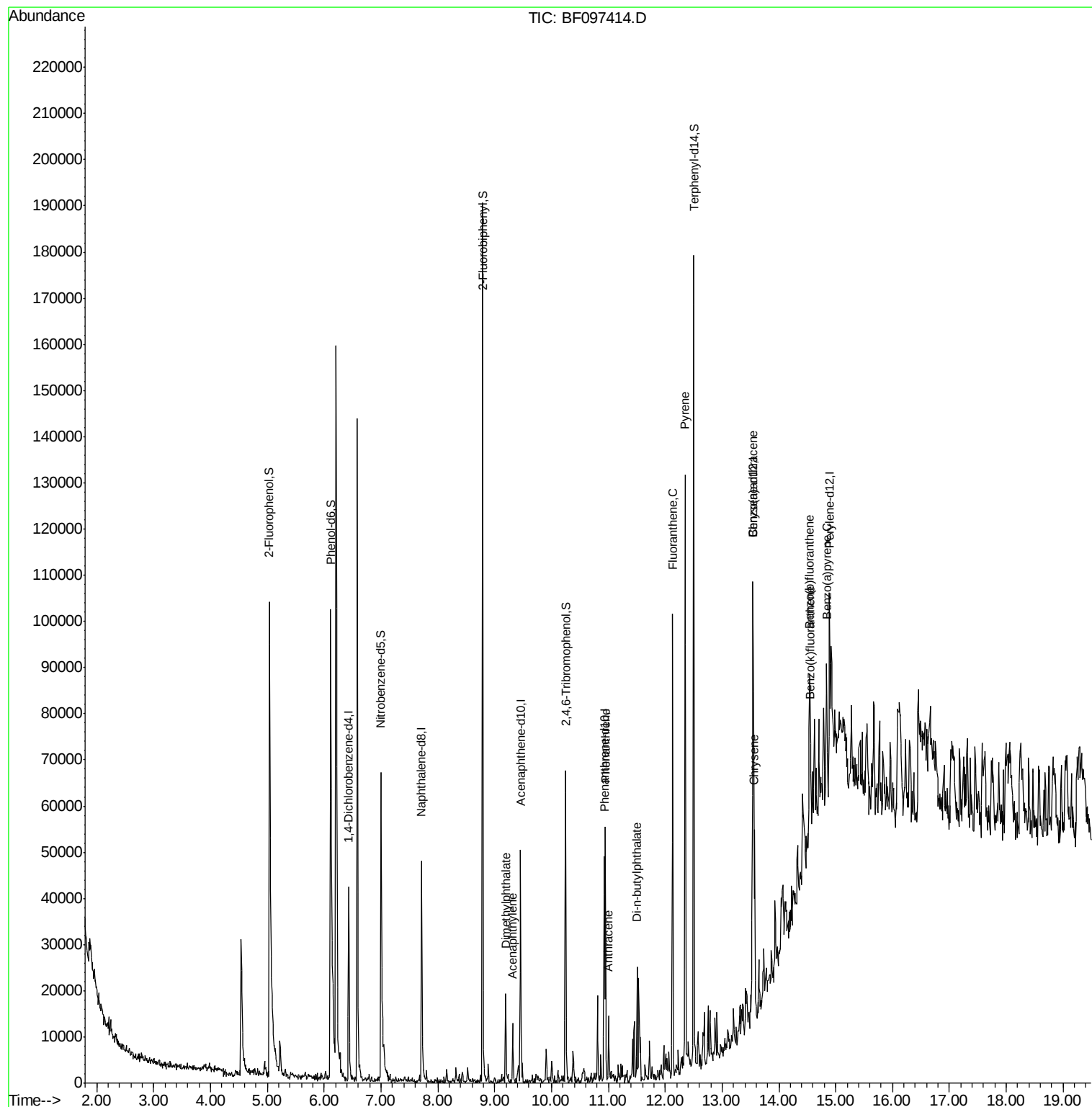
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097414.D
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Operator : SJ/JU
Sample : I4614-04 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

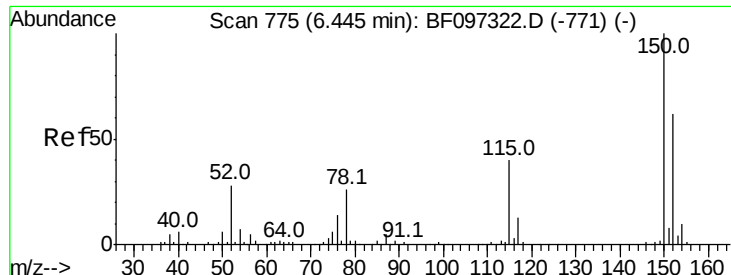
Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

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Quant Time: Aug 06 05:18:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

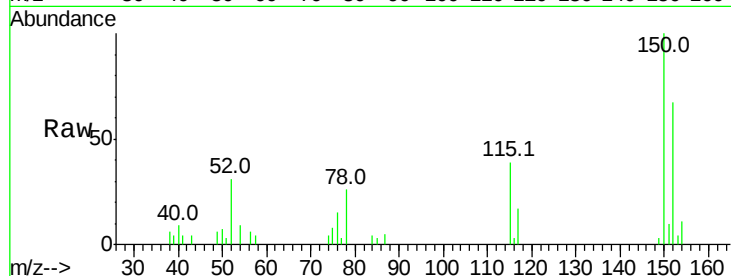
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	126.2	189.2
115	58.2	52.2	78.2

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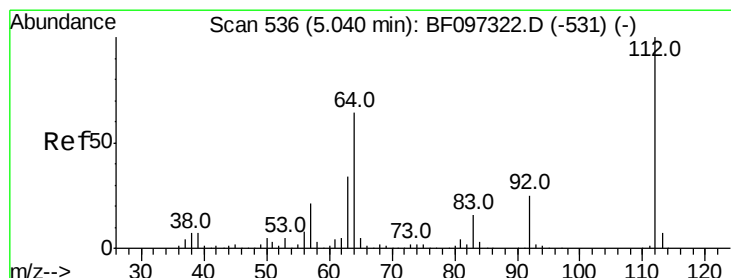
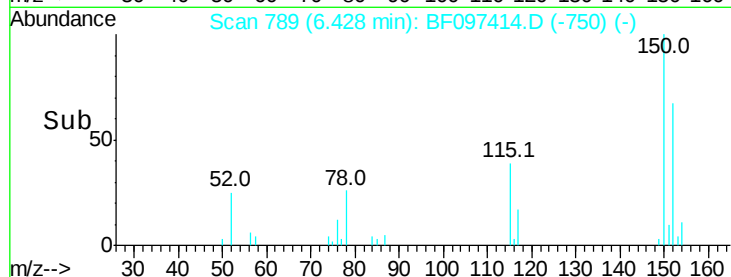
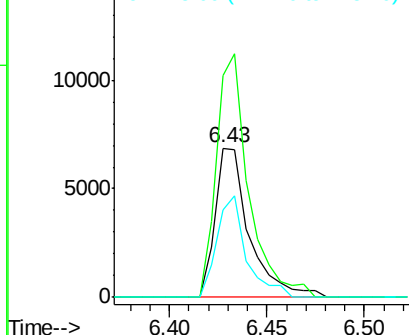


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

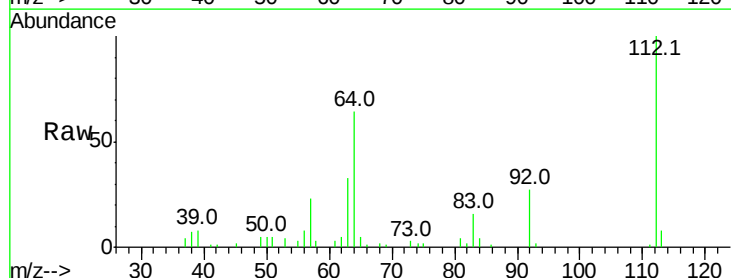
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.001 ng
RT: 5.03 min Scan# 552
Delta R.T. -0.06 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	46.0	69.0
63	33.4	23.4	35.0

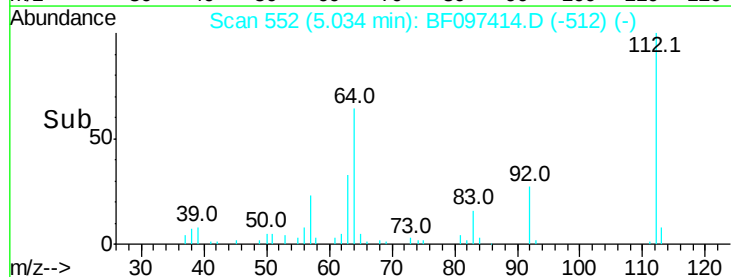
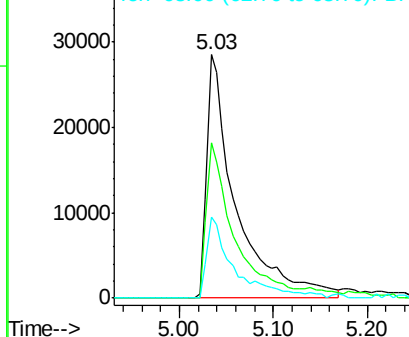


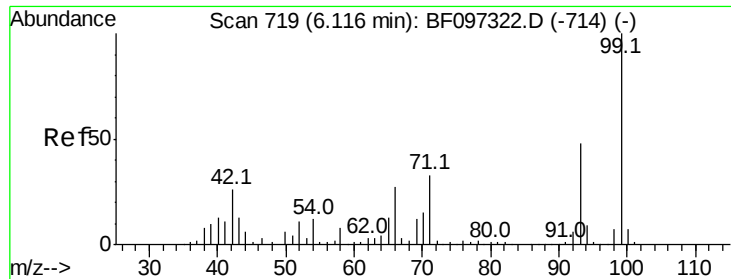
Abundance

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: 105.307 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097414.D

Acq: 5 Aug 2017 23:07

Instrument :

BNA_F

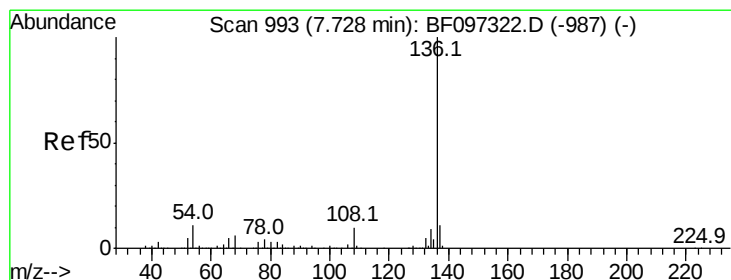
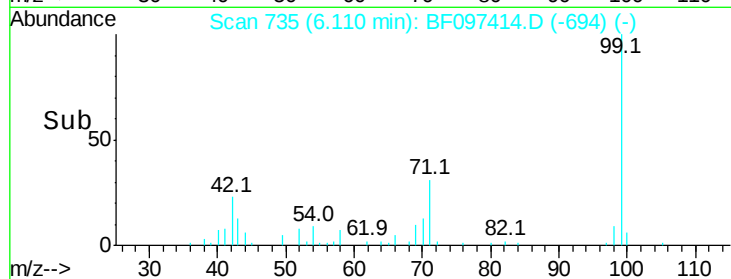
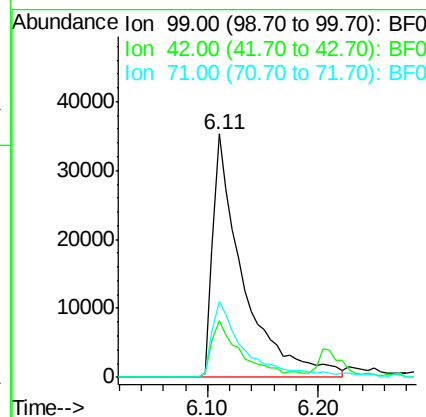
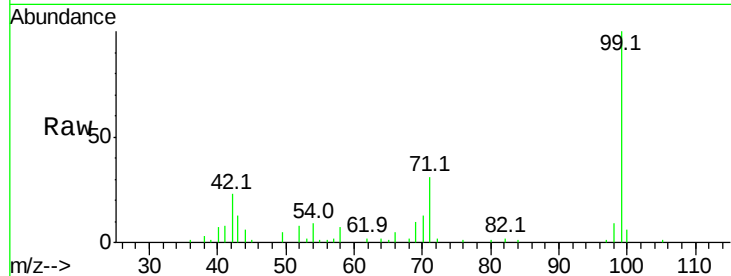
ClientSampleId :

E2-M10-ESW

Tot Ion:	99	Resp:	66598
Ion Ratio	Lower	Upper	
99	100		
42	23.4	13.5	20.3#
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

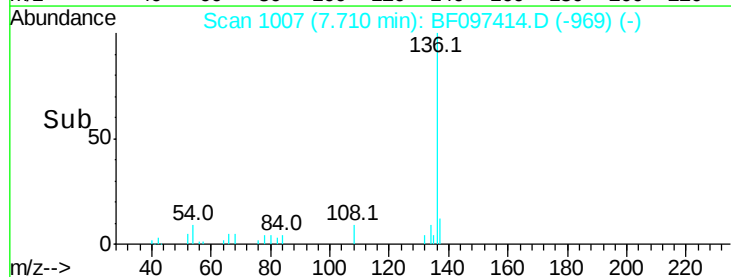
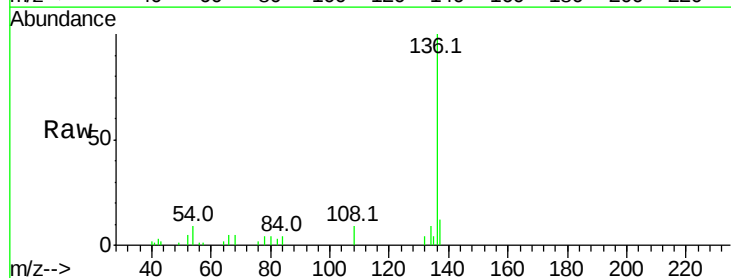
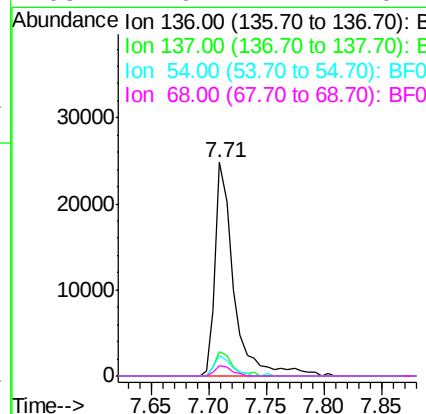
RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097414.D

Acq: 5 Aug 2017 23:07

Tgt Ion:	136	Resp:	28191
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.5	12.7
54	9.4	4.9	7.3#
68	4.9	4.1	6.1





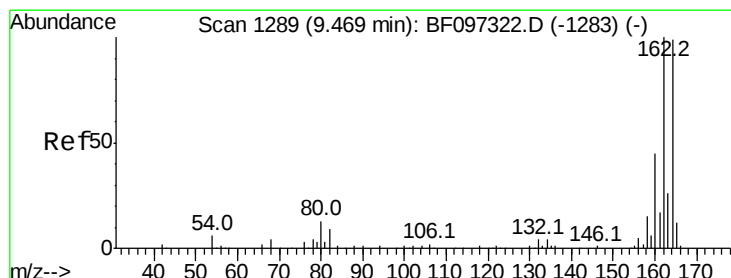
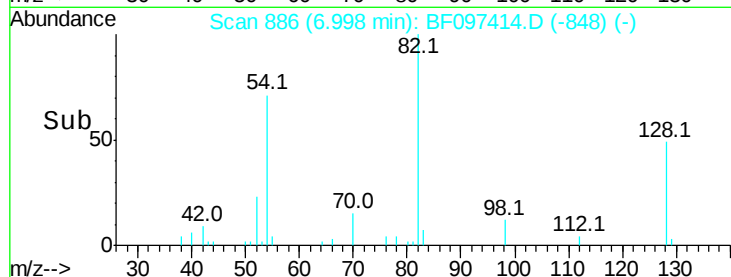
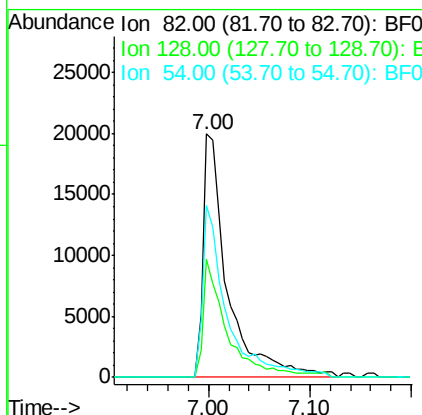
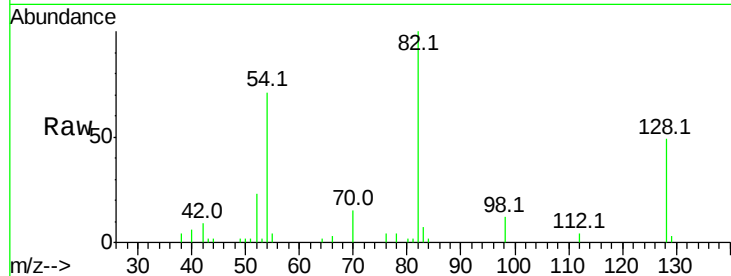
#23
 Nitrobenzene-d5
 Concen: 69.683 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	70.9	42.2	63.2

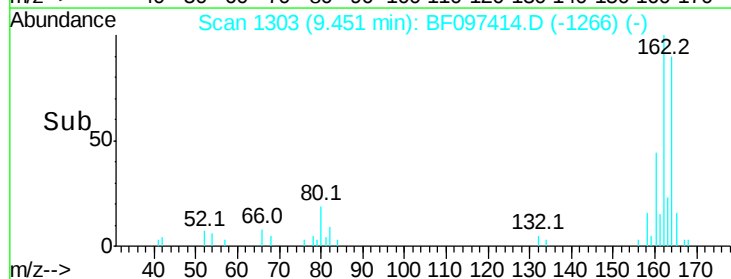
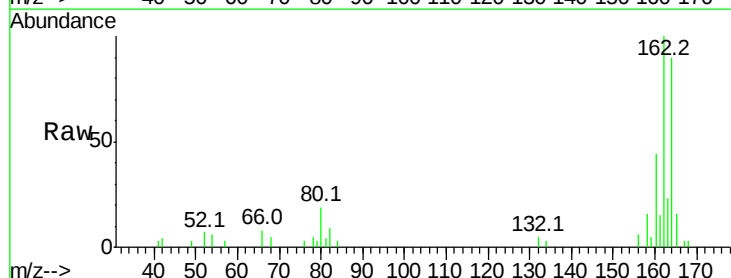
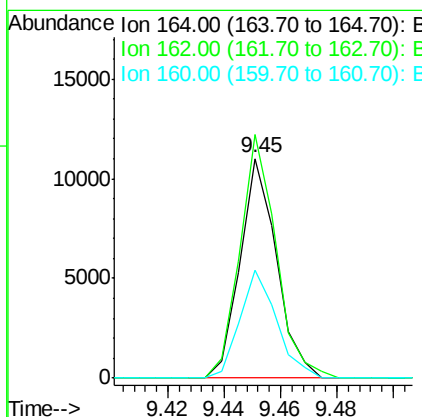
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.9	82.6	123.8
160	49.2	36.2	54.2





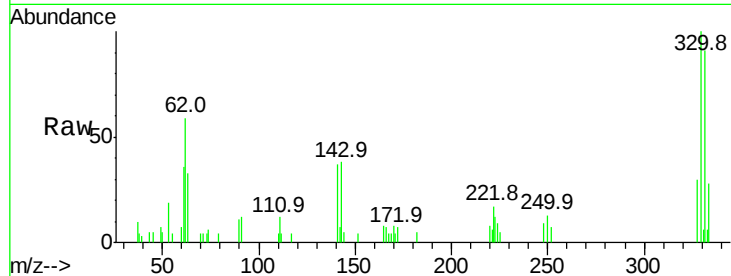
#41
 2,4,6-Tribromophenol
 Concen: 119.364 ng
 RT: 10.25 min Scan# 1438
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

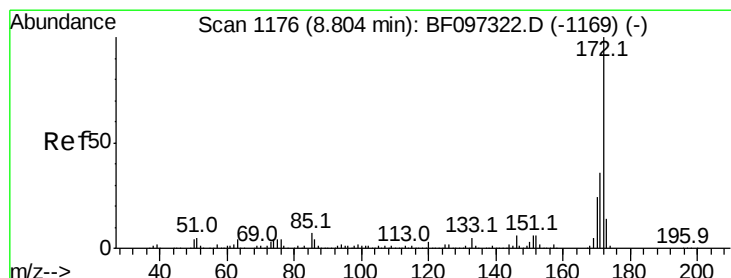
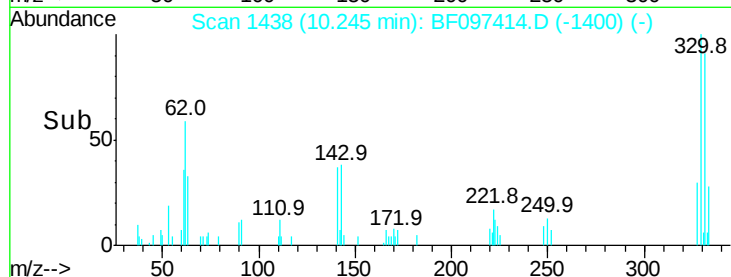
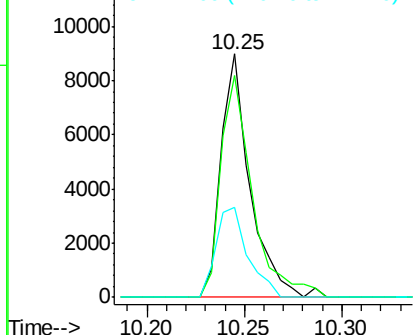
Tot Ion	Ratio	Resp	Lower	Upper
330	100	9313		
332	98.9	76.6	115.0	
141	40.5	31.4	47.2	

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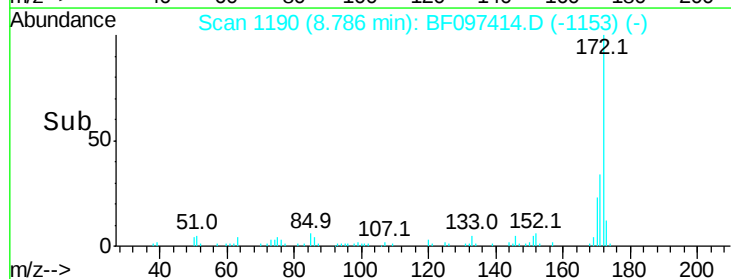
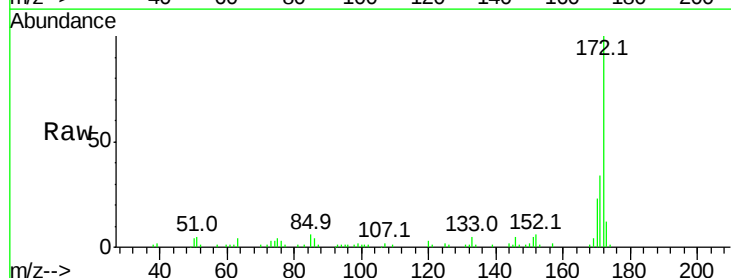
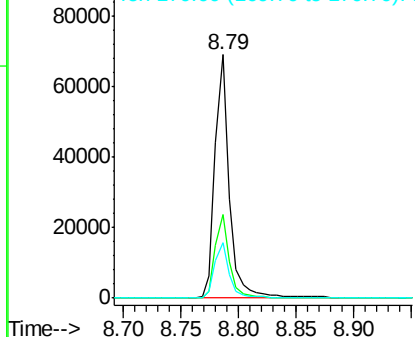
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

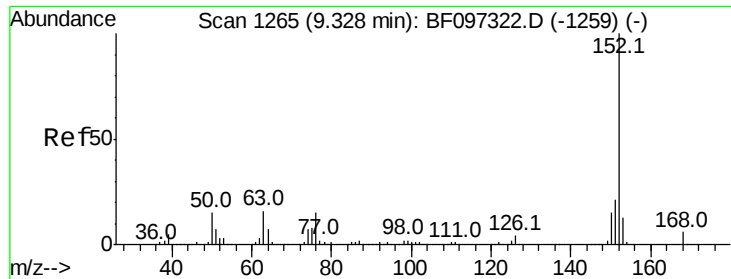


#44
 2-Fluorobiphenyl
 Concen: 102.773 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	59801		
171	34.5	29.6	44.4	
170	22.8	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





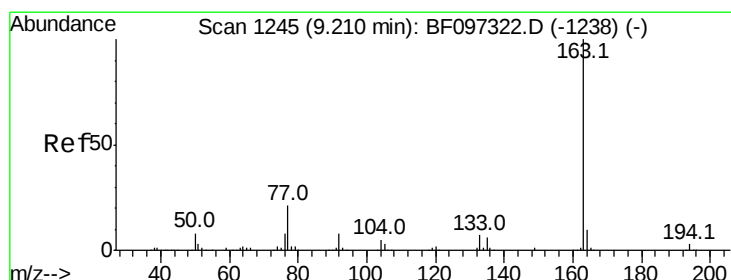
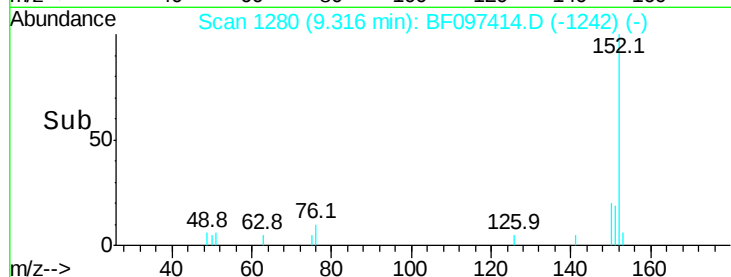
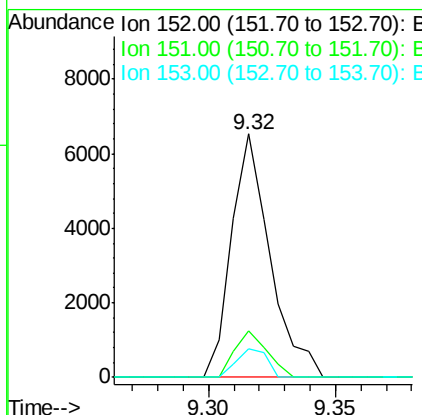
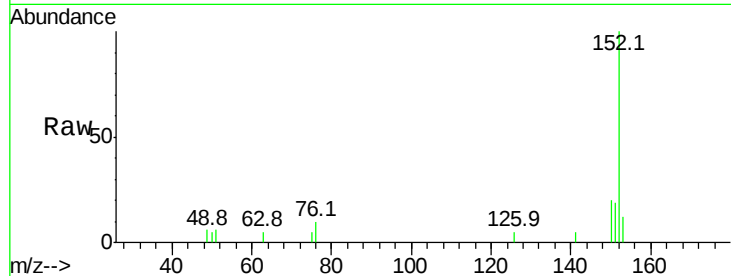
#48
 Acenaphthylene
 Concen: 7.242 ng
 RT: 9.32 min Scan# 1280
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		6900		
151	19.0			16.8	25.2
153	11.6			10.8	16.2

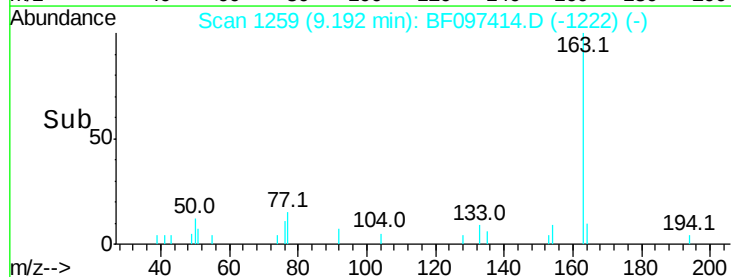
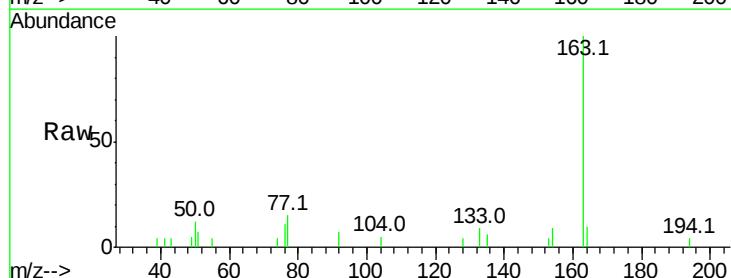
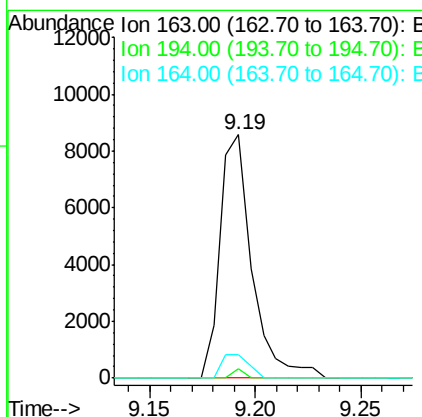
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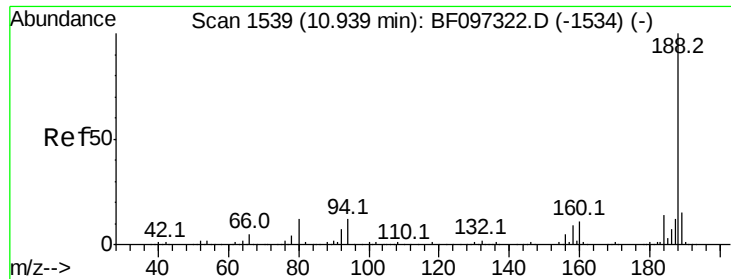
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#49
 Dimethylphthalate
 Concen: 11.999 ng
 RT: 9.19 min Scan# 1259
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		8998		
194	3.7			2.6	4.0
164	9.6			8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.93 min Scan# 1554

Delta R.T. -0.08 min

Lab File: BF097414.D

Acq: 5 Aug 2017 23:07

Instrument :

BNA_F

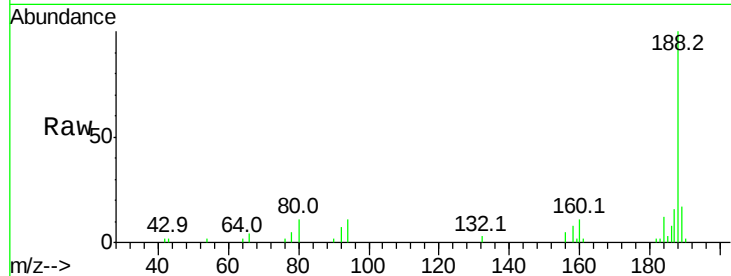
ClientSampled :

E2-M10-ESW

Tot Ion:	188	Resp:	18125
Ion Ratio	Lower	Upper	
188	100		
94	10.9	9.4	14.2
80	11.1	10.2	15.2

Manual Integrations
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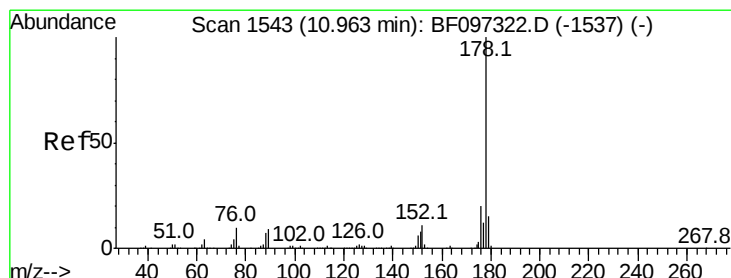
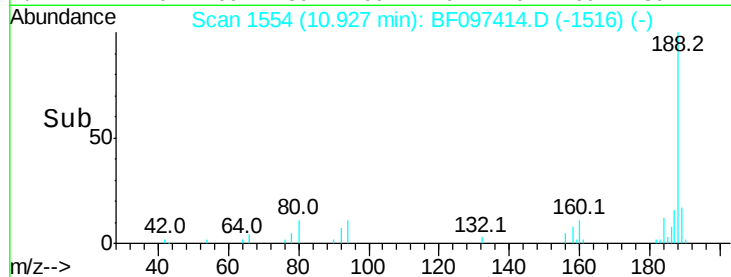
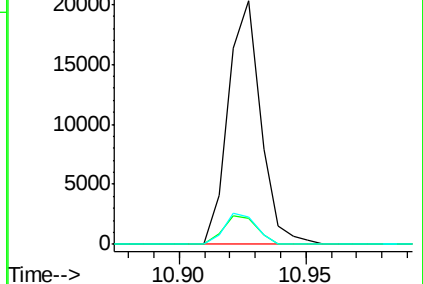
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 24.732 ng

RT: 10.95 min Scan# 1558

Delta R.T. -0.08 min

Lab File: BF097414.D

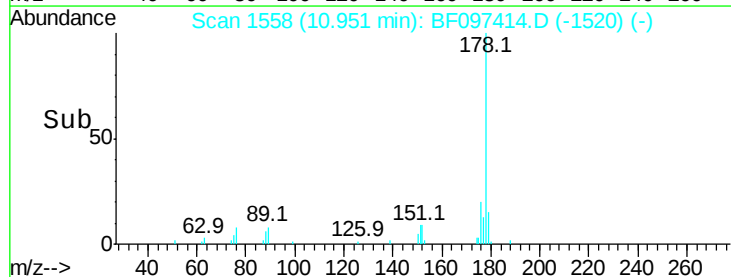
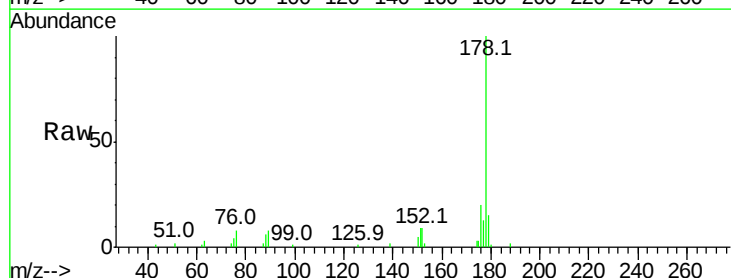
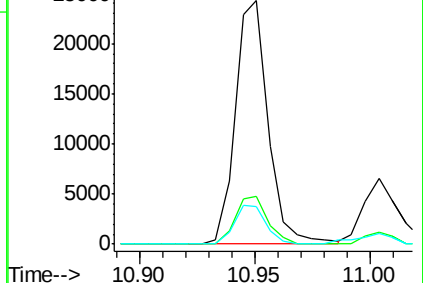
Acq: 5 Aug 2017 23:07

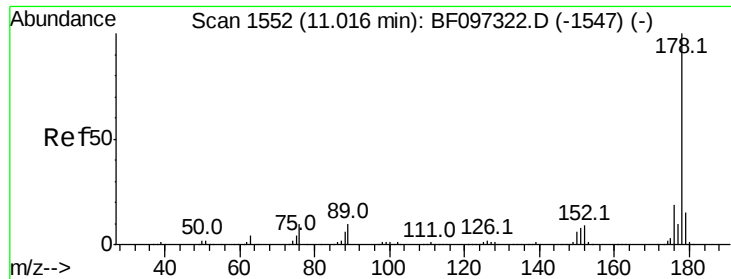
Tgt Ion:	178	Resp:	24018
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.4
179	15.3	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





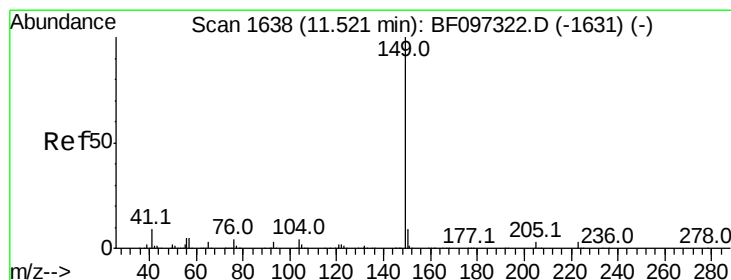
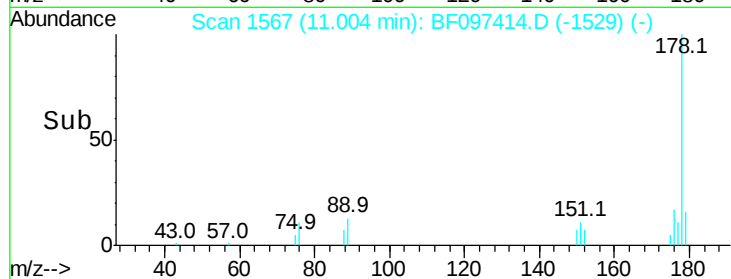
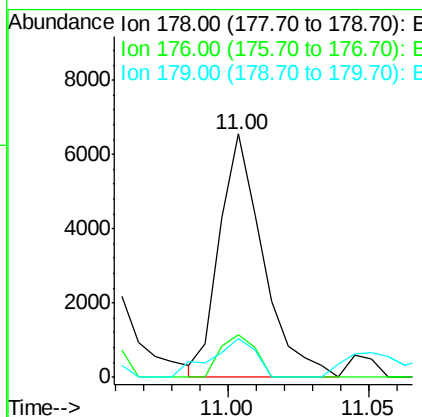
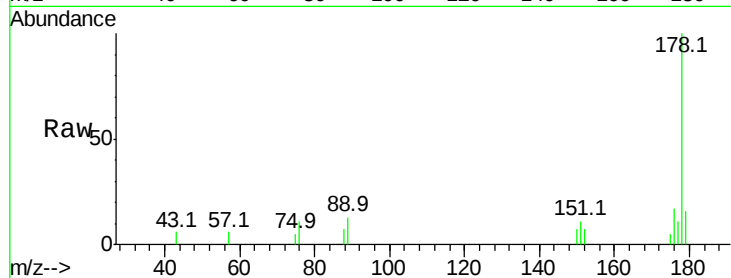
#71
 Anthracene
 Concen: 7.045 ng
 RT: 11.00 min Scan# 1567
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.8	23.8
179	16.1	12.7	19.1

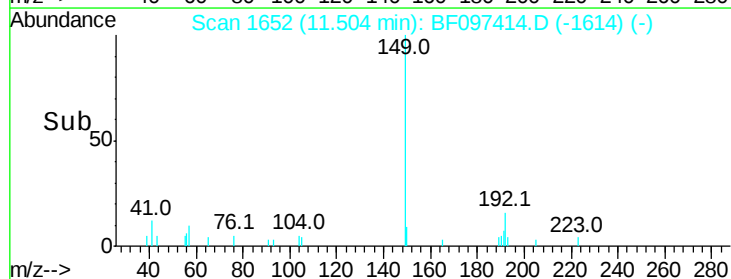
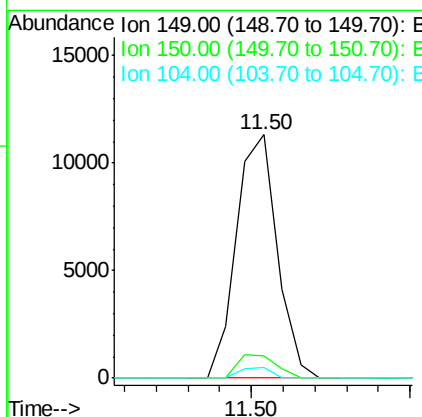
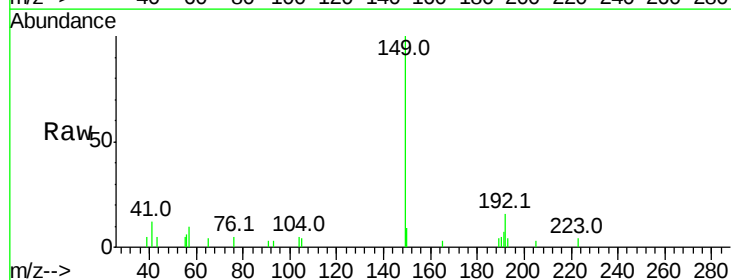
Manual Integrations
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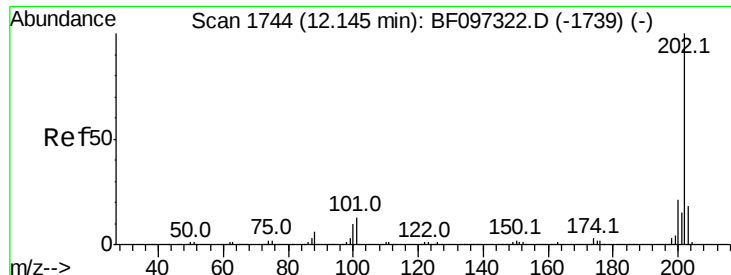
Sohil
 8/7/2017 6:01:05 PM



#73
 Di-n-butylphthalate
 Concen: 8.333 ng
 RT: 11.50 min Scan# 1652
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.6	4.0	6.0





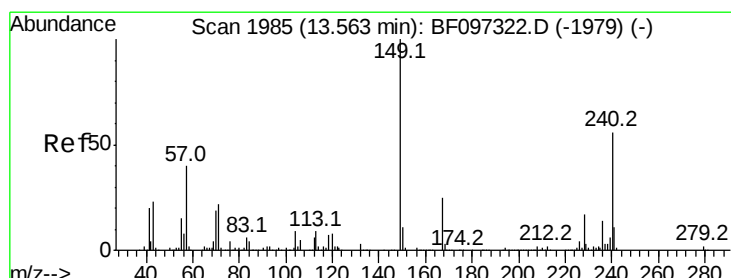
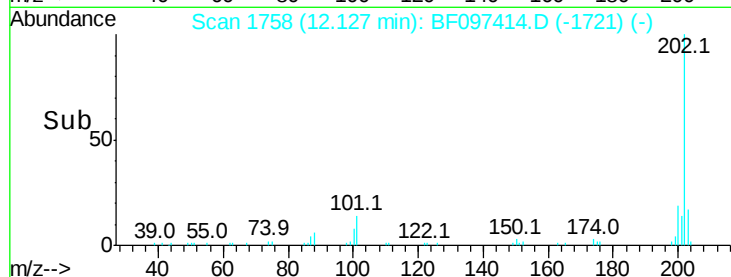
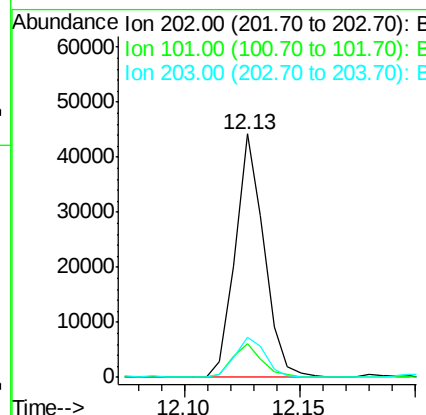
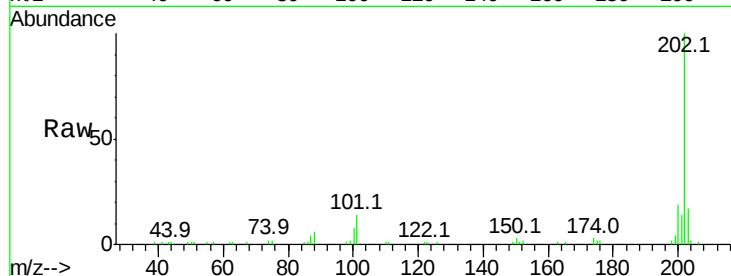
#74
 Fluoranthene
 Concen: 40.386 ng
 RT: 12.13 min Scan# 1758
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.2
203	16.6	0.0	38.1

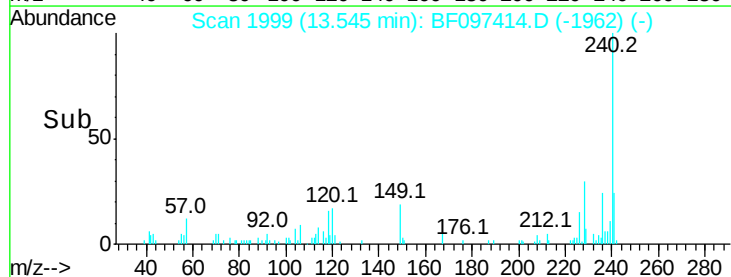
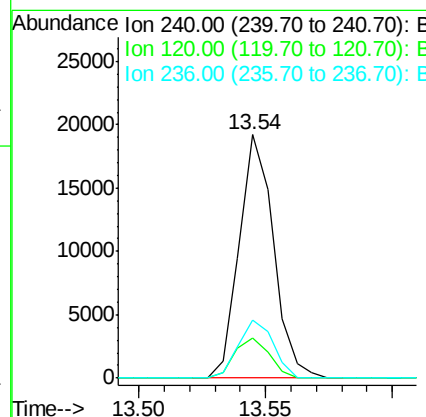
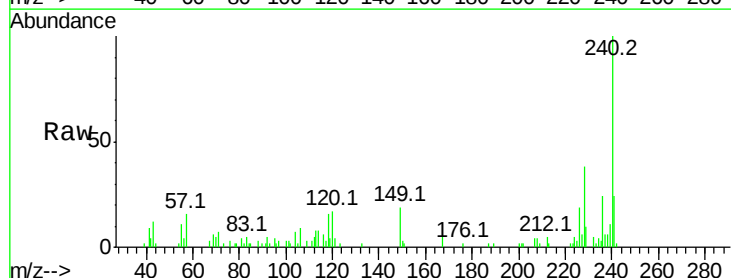
Manual Integrations
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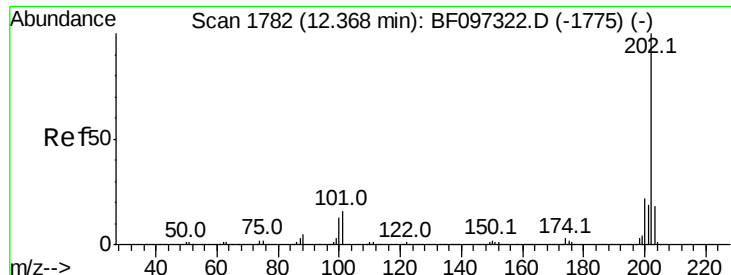
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.54 min Scan# 1999
 Delta R.T. -0.08 min
 Lab File: BF097414.D
 Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	24.0	20.5	30.7





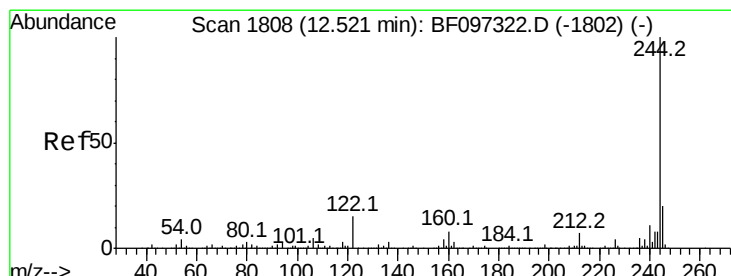
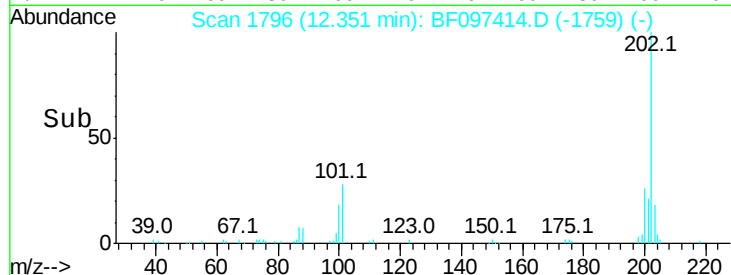
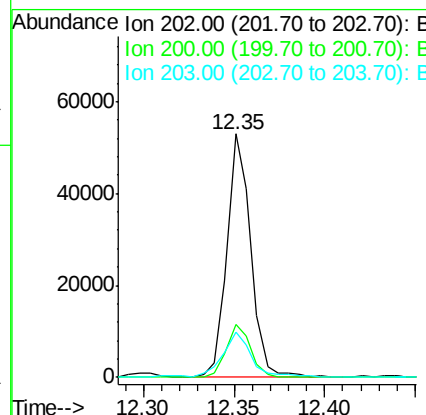
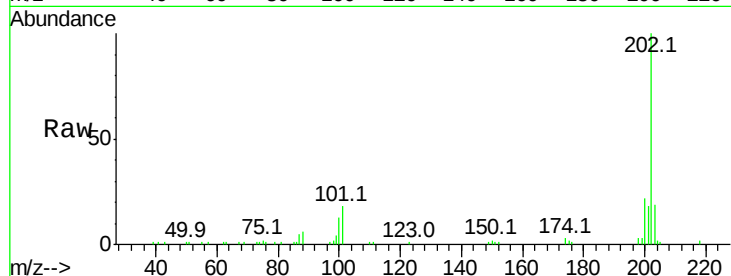
#77
Pvrene
Concen: 32.760 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	48468		
200	21.9		17.6	26.4
203	18.8		14.4	21.6

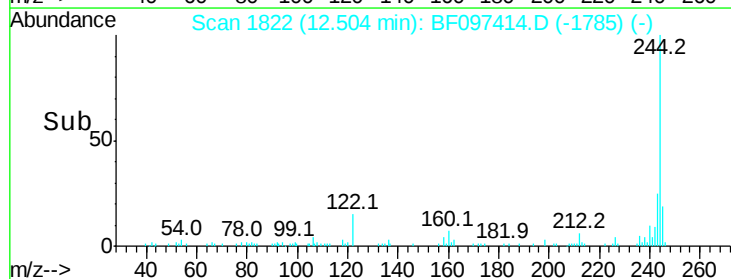
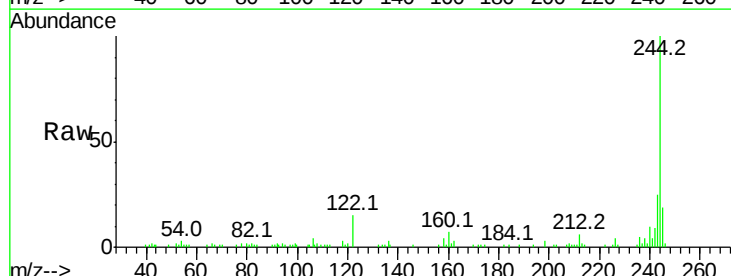
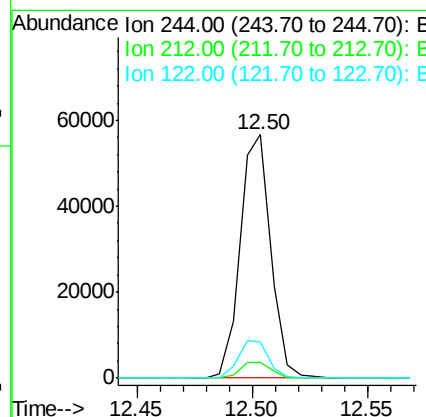
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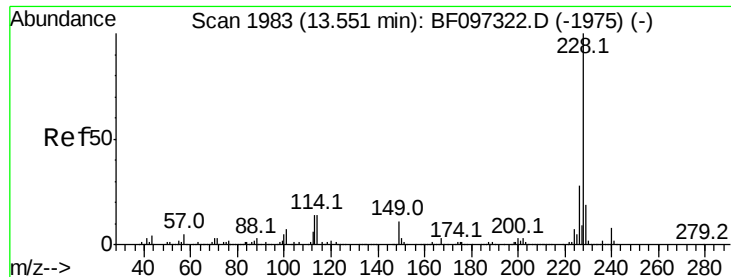
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#78
Terphenyl-d14
Concen: 58.862 ng
RT: 12.50 min Scan# 1822
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	52174		
212	6.2		6.0	9.0
122	14.7		10.3	15.5





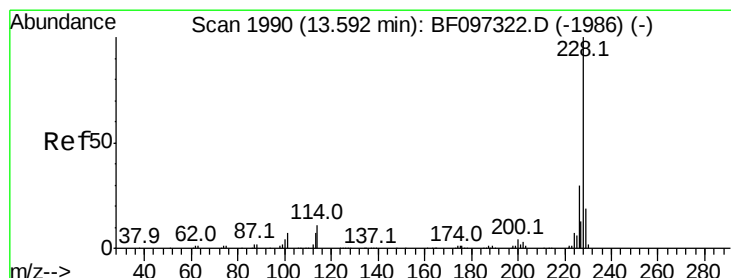
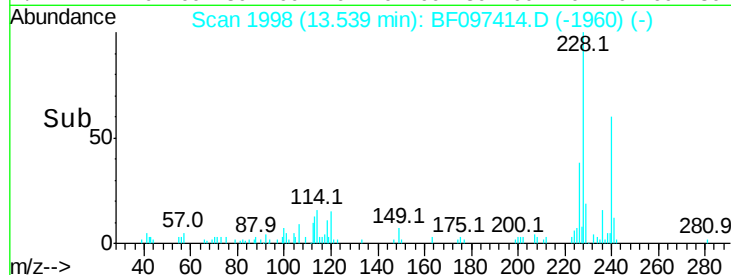
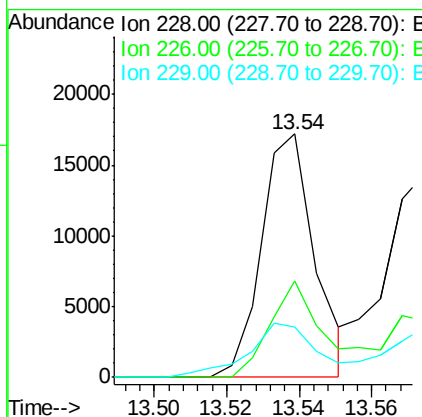
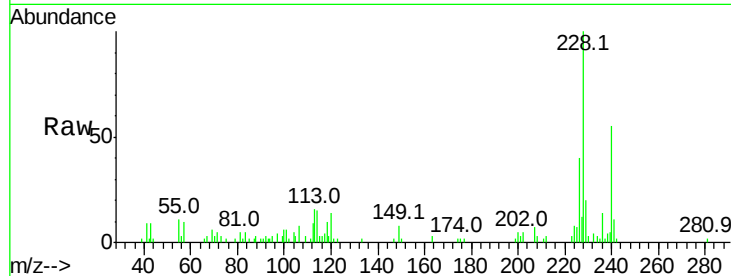
#80
Benzo(a)anthracene
Concen: 15.042 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.8	22.6	33.8#
229	20.5	16.3	24.5

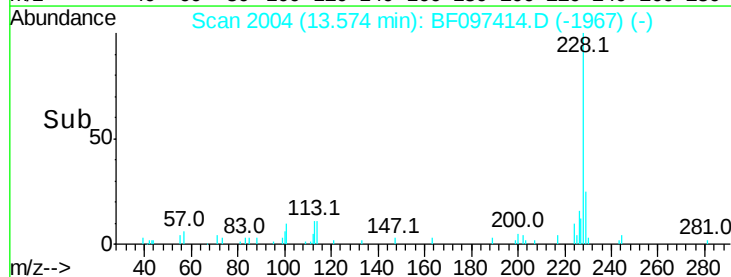
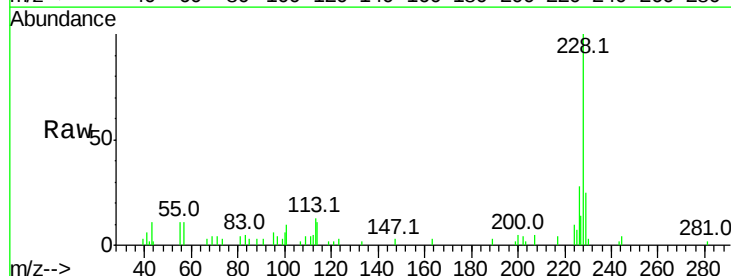
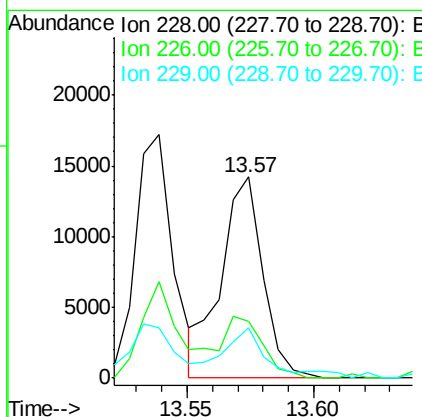
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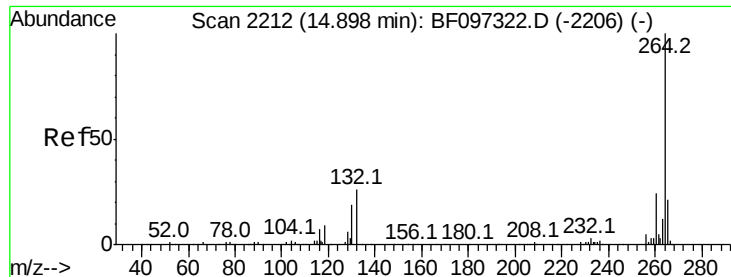
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#82
Chrysene
Concen: 14.290 ng
RT: 13.57 min Scan# 2004
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	25.0	15.8	23.6#





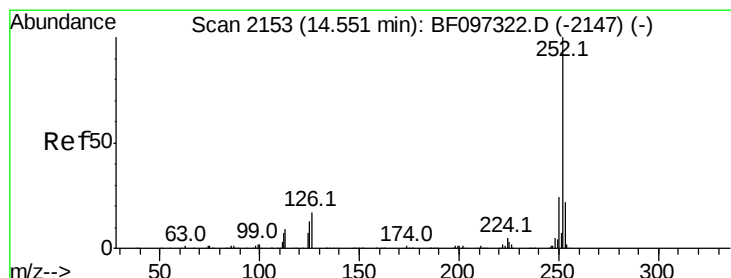
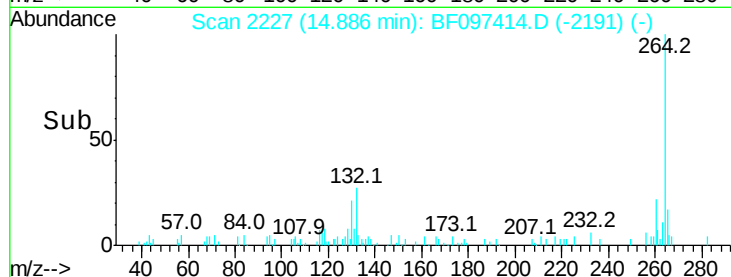
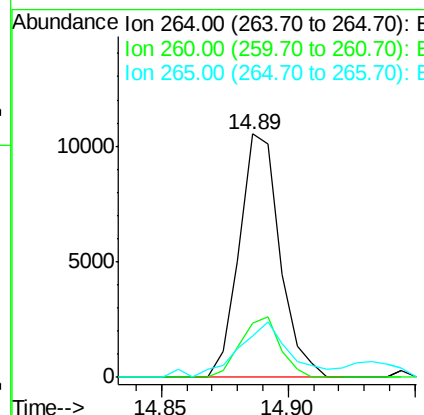
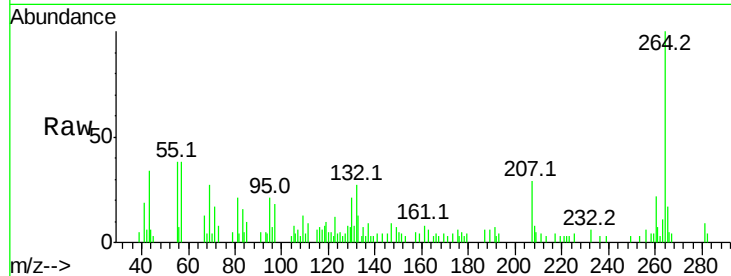
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Instrument :
BNA_F
ClientSampled :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	17.2	17.2	25.8

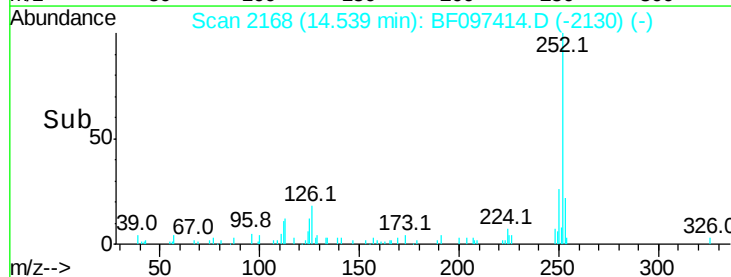
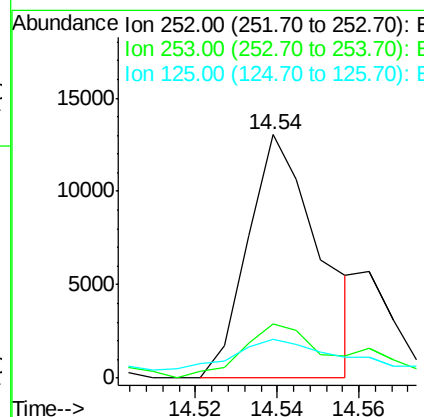
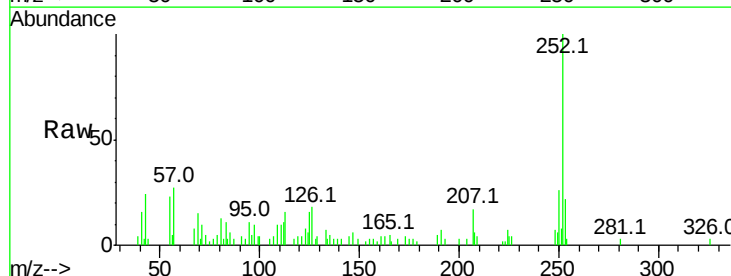
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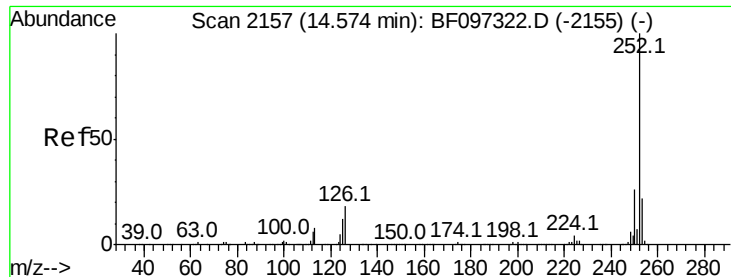
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#87
Benzo(b)fluoranthene
Concen: 22.503 ng m
RT: 14.54 min Scan# 2168
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.9	9.8	14.8#





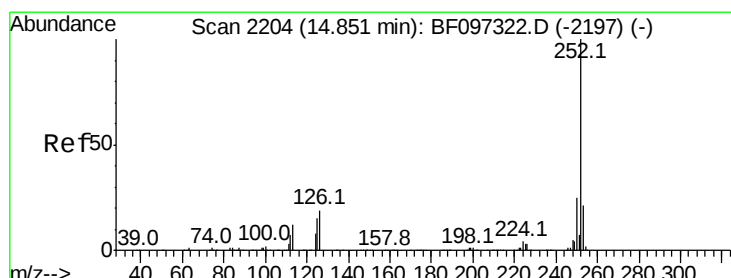
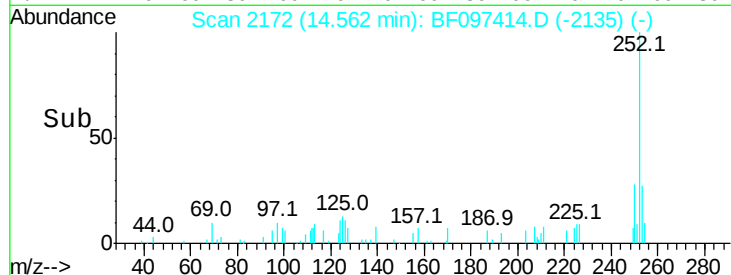
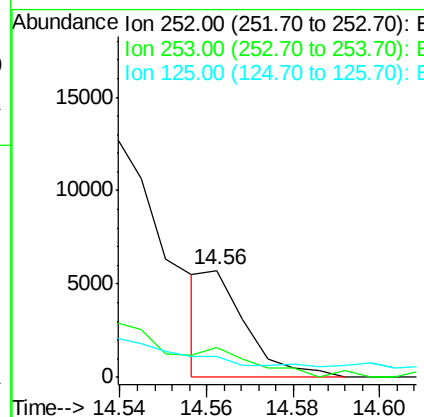
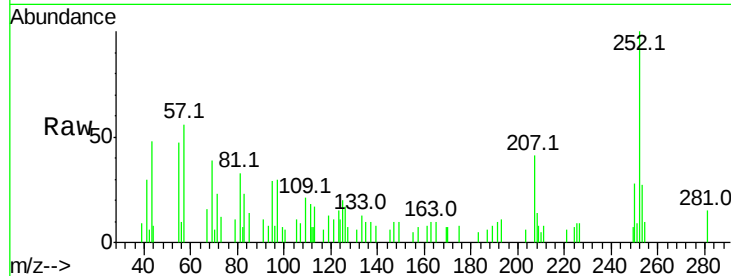
#88
Benzo(k)fluoranthene
Concen: 5.648 ng m
RT: 14.56 min Scan# 2172
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.4	27.6
125	19.7	13.1	19.7

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 16.721 ng
RT: 14.84 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BF097414.D
Acq: 5 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	24.6	11.0	16.4#

