

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098541.D
 Acq On : 14 Sep 2017 21:24
 Operator : SJ/JU
 Sample : I5160-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-7-2

Manual Integrations
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Sohil
 9/15/2017 5:43:56 PM

Quant Time: Sep 15 06:35:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	131640	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	540757	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	241047	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	384014	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	255094	20.00	ng	-0.02
86) Perylene-d12	15.19	264	286828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1067961	119.95	ng	-0.02
7) Phenol-d6	6.30	99	1319511	116.73	ng	-0.02
23) Nitrobenzene-d5	7.22	82	840110	86.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	210124	130.61	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1343550	94.47	ng	-0.02
78) Terphenyl-d14	12.74	244	867845	73.43	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.32	94	42364	3.226	ng	98
37) 2-Methylnaphthalene	8.65	142	35707	2.205	ng	97
49) Dimethylphthalate	9.40	163	227040	12.168	ng	99
70) Phenanthrene	11.19	178	110150	5.411	ng	97
74) Fluoranthene	12.37	202	203898	10.005	ng	100
77) Pyrene	12.60	202	179417	8.916	ng	99
80) Benzo(a)anthracene	13.79	228	105384	7.046	ng	98
82) Chrysene	13.82	228	124197	8.215	ng	97
85) Indeno(1,2,3-cd)pyrene	16.53	276	88244	8.320	ng	# 92
87) Benzo(b)fluoranthene	14.80	252	193750m	10.743	ng	
88) Benzo(k)fluoranthene	14.83	252	63614m	3.778	ng	
89) Benzo(a)pyrene	15.14	252	123807	7.706	ng	99
91) Benzo(a,h,i)perylene	16.93	276	84111	7.155	ng	95

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

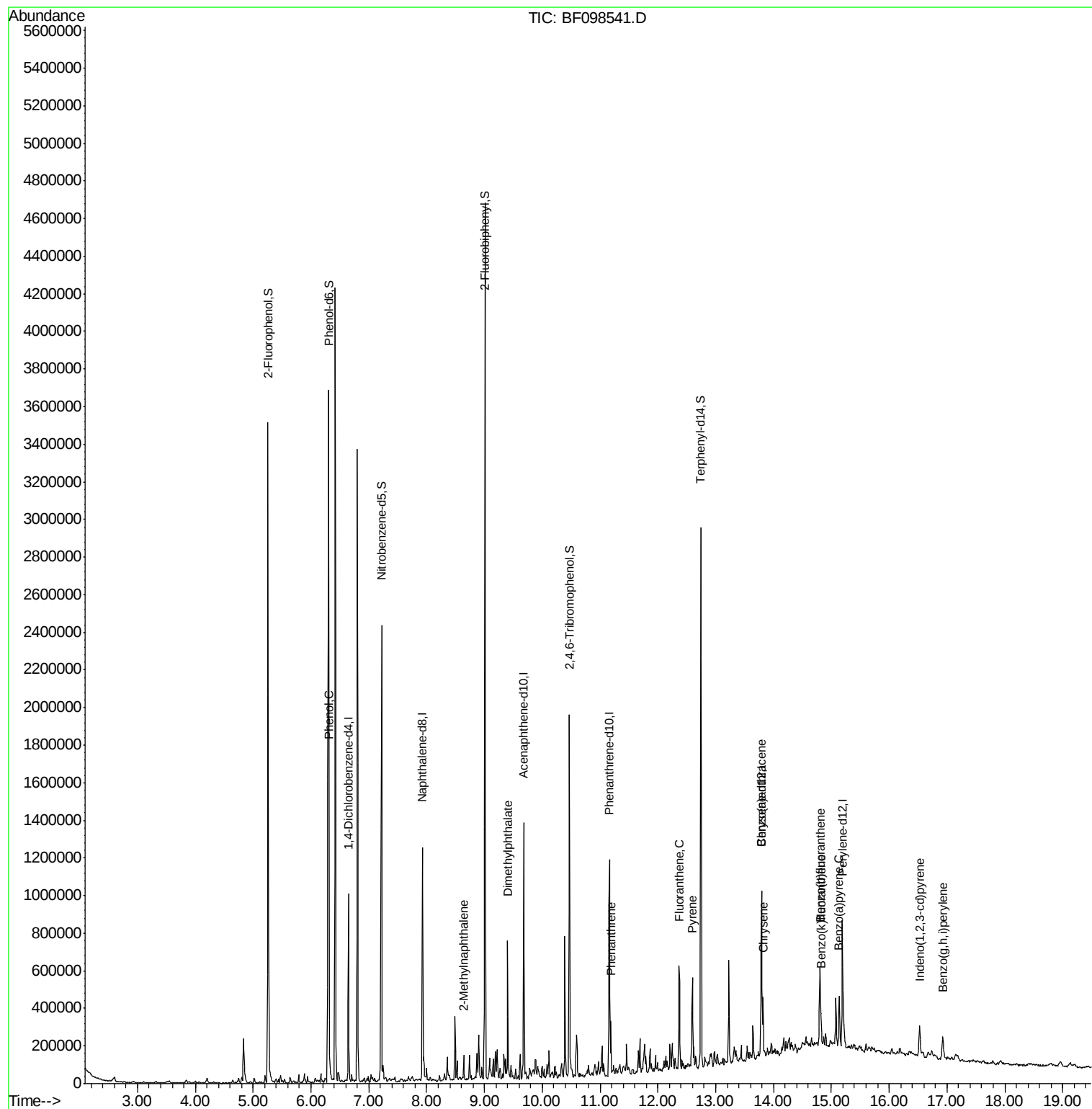
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
Operator : SJ/JU
Sample : I5160-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

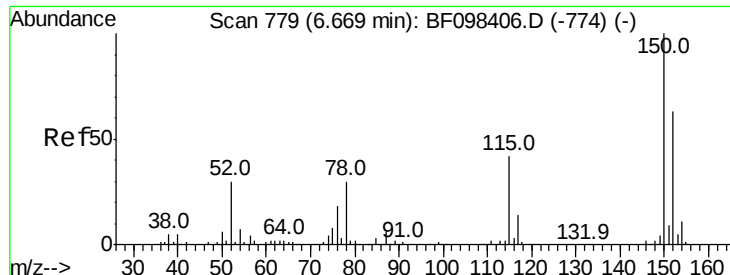
Instrument :
BNA_F
ClientSampleId :
G-7-2

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#1

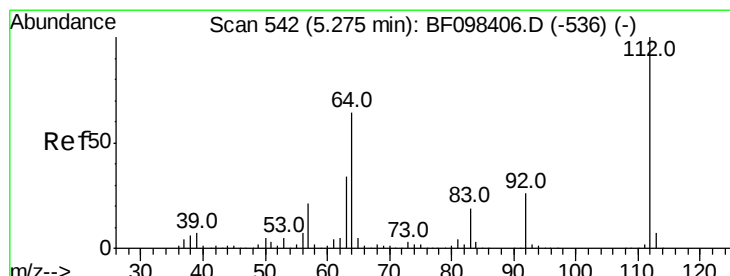
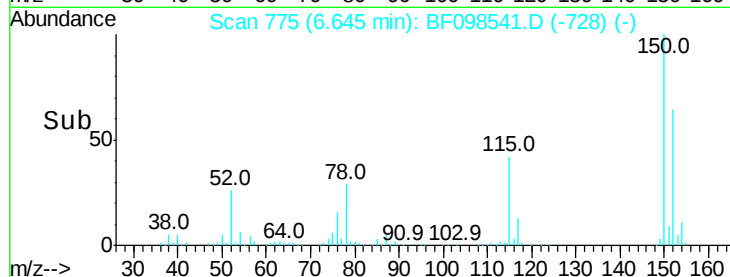
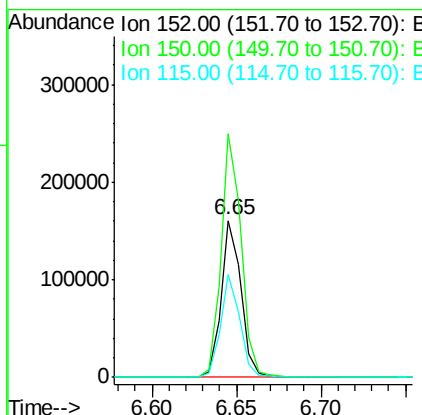
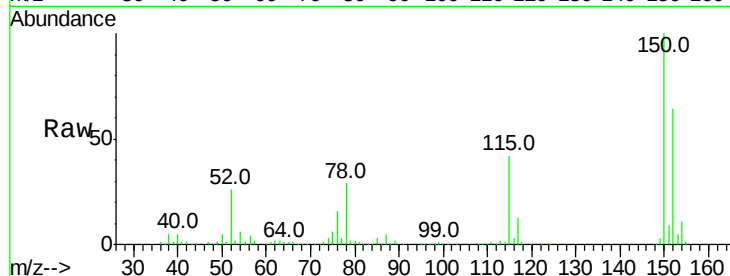
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
G-7-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	65.2	52.2	78.2

Manual Integrations
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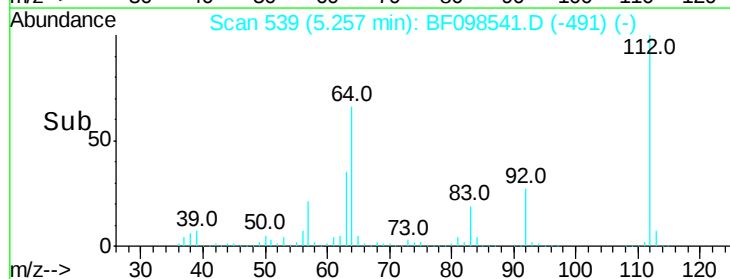
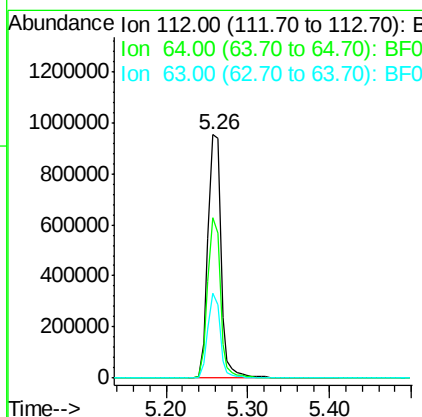
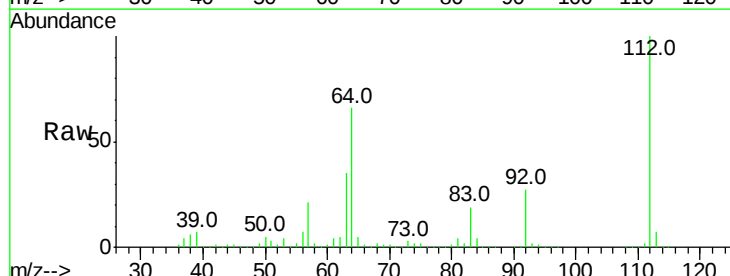
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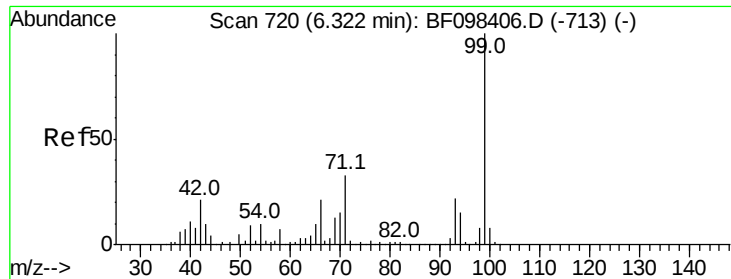


#5

2-Fluorophenol
Concen: 119.949 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	34.7	23.4	35.0





#7

Phenol-d6

Concen: 116.725 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

G-7-2

Tot Ion: 99 Resp: 1319511

Ion Ratio Lower Upper

99 100

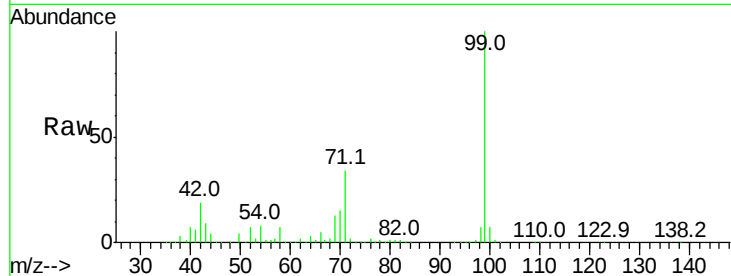
42 18.5 13.5 20.3

71 34.3 24.5 36.7

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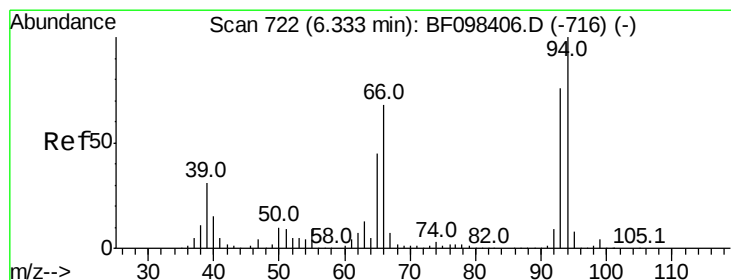
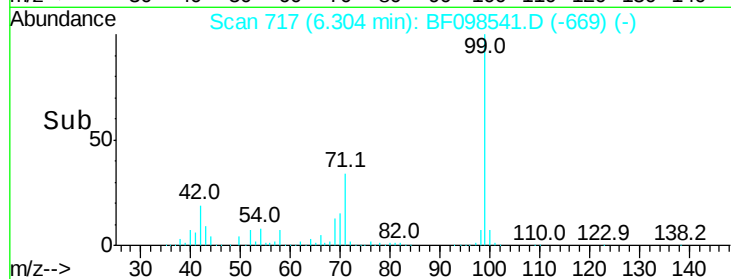
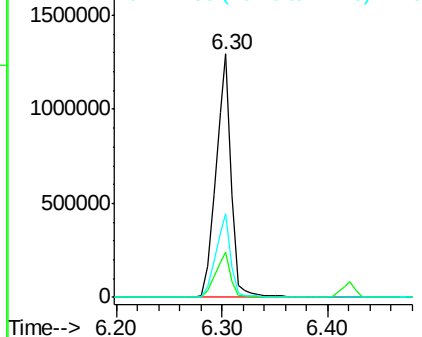
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.226 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

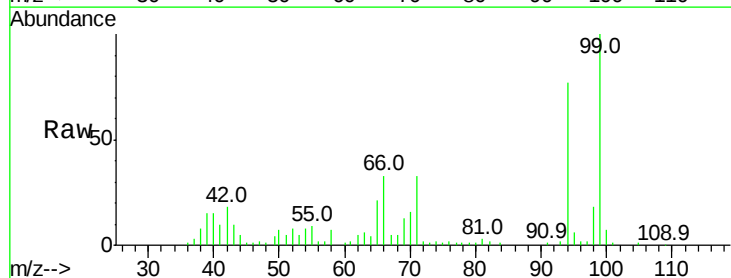
Tgt Ion: 94 Resp: 42364

Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

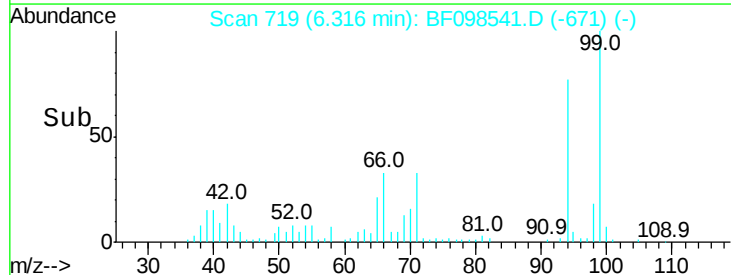
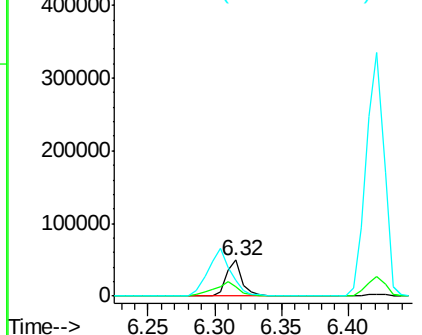
66 42.7 23.1 63.1

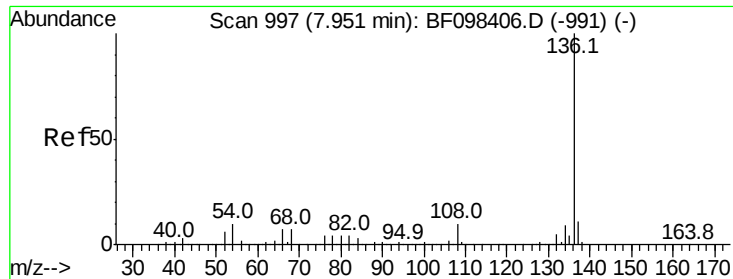


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





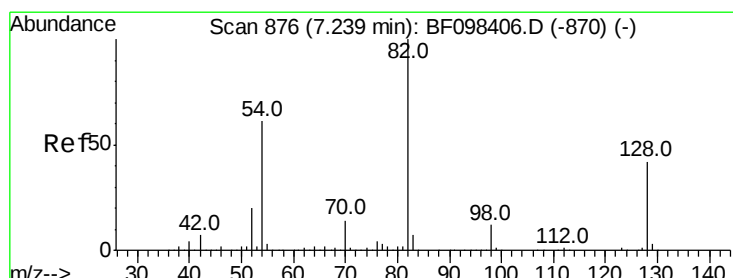
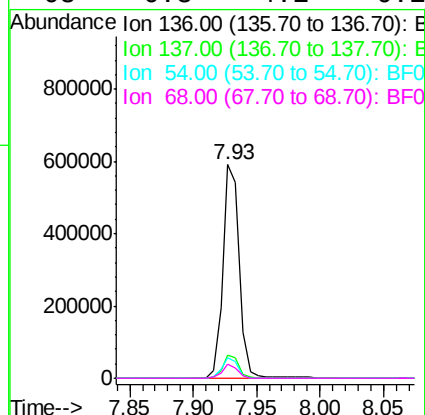
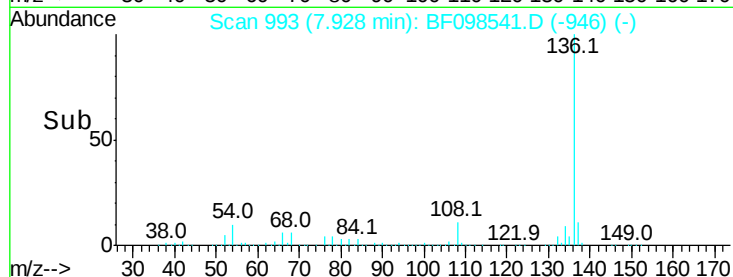
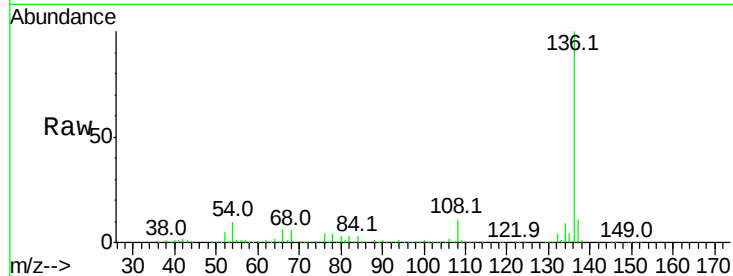
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
G-7-2

Tot Ion:	136	Resp:	540757
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	9.9	4.9	7.3#
68	6.3	4.1	6.1#

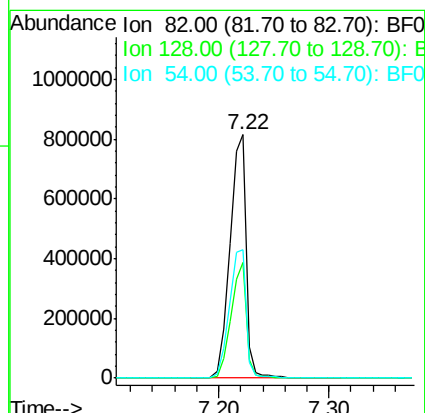
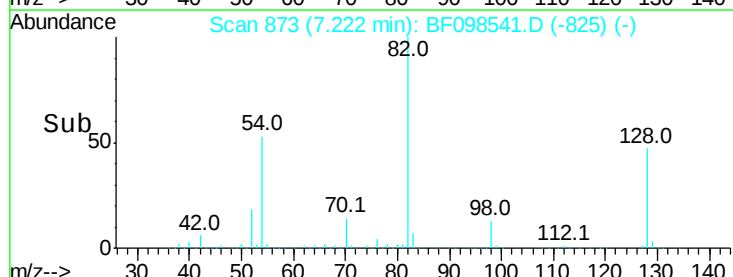
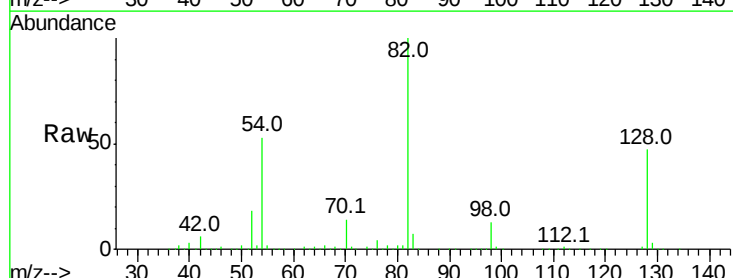
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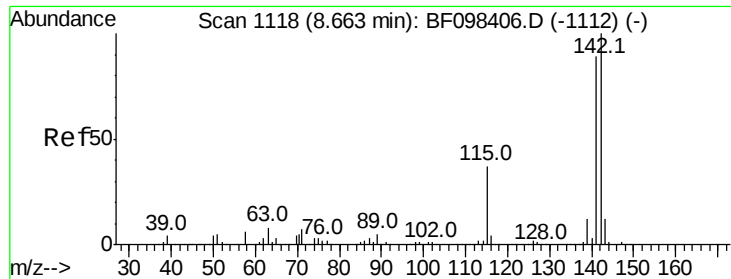
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#23
Nitrobenzene-d5
Concen: 86.612 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion:	82	Resp:	840110
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.0	51.0
54	52.6	42.2	63.2





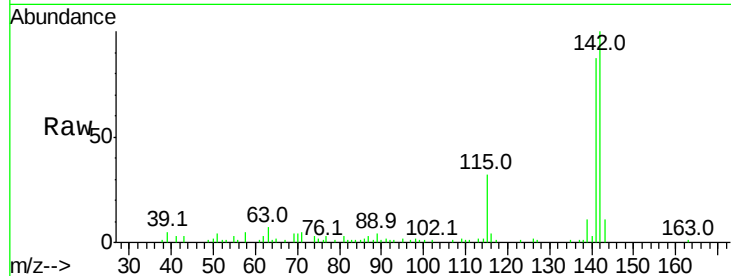
#37
2-Methylnaphthalene
Concen: 2.205 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampled :
G-7-2

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.3	106.9
115	31.5	27.1	40.7

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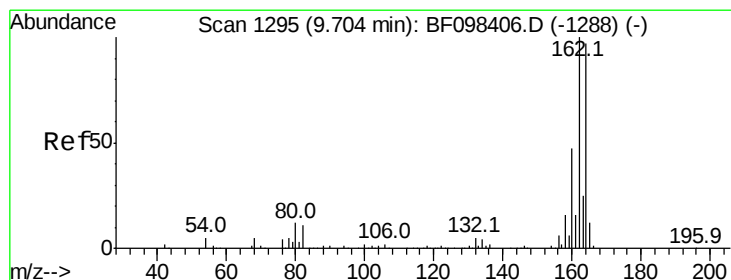
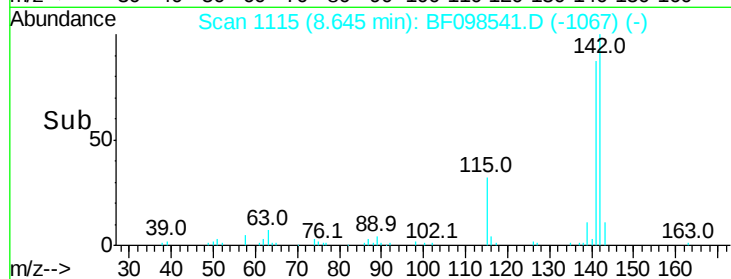
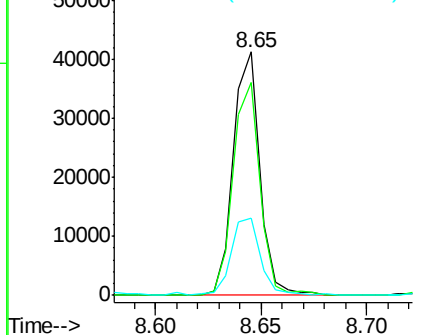


Abundance

Ion 142.00 (141.70 to 142.70): E

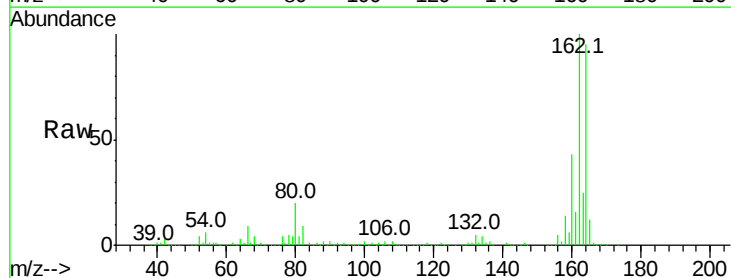
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	46.0	36.2	54.2

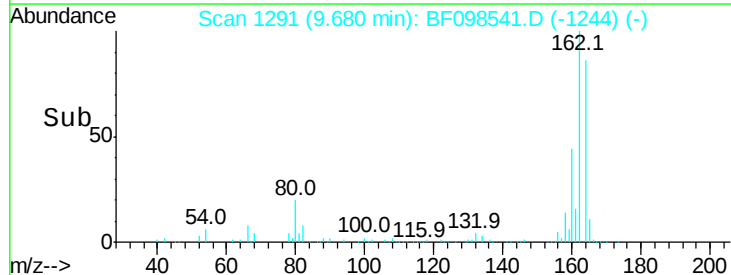
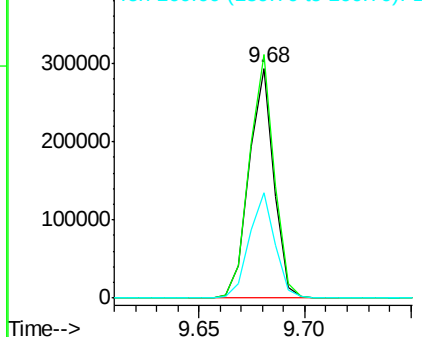


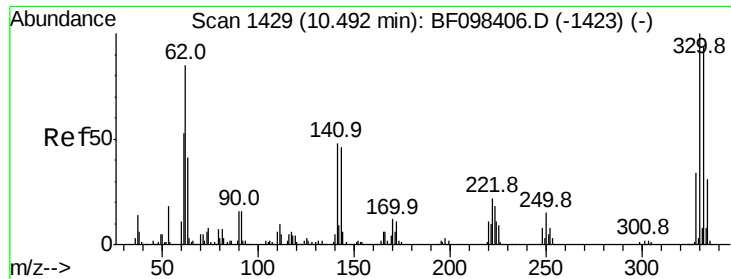
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





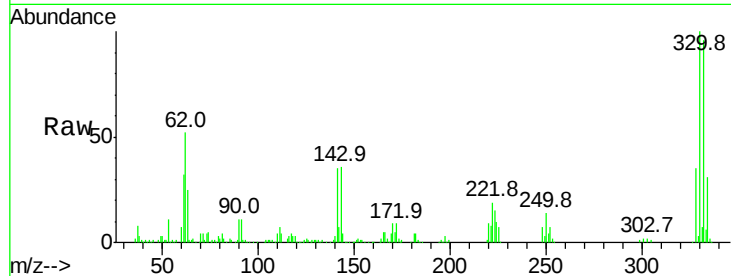
#41
 2,4,6-Tribromophenol
 Concen: 130.610 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098541.D
 Acq: 14 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampled :
 G-7-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210124		
332	95.7	76.6	115.0	
141	43.4	31.4	47.2	

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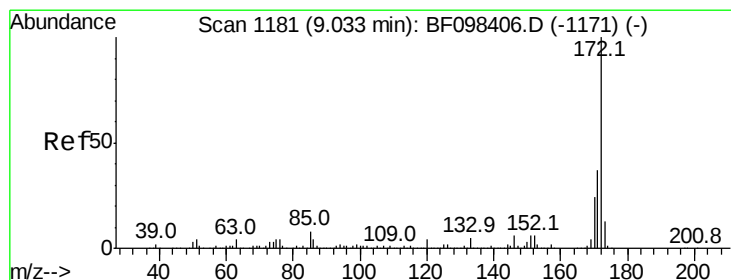
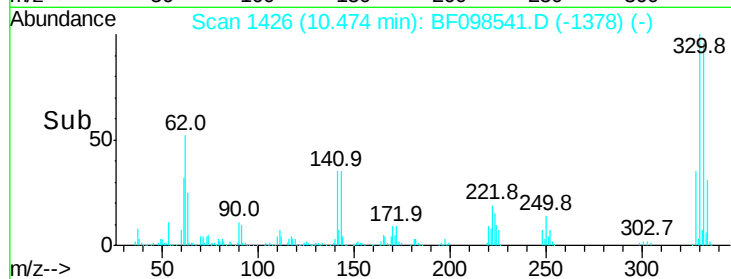
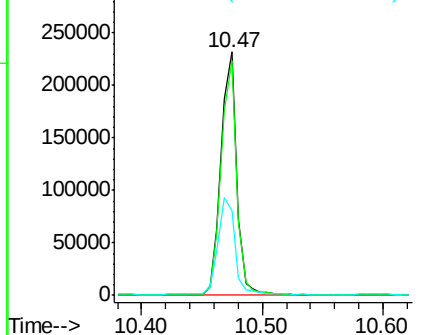


Abundance

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: 94.471 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098541.D
 Acq: 14 Sep 2017 21:24

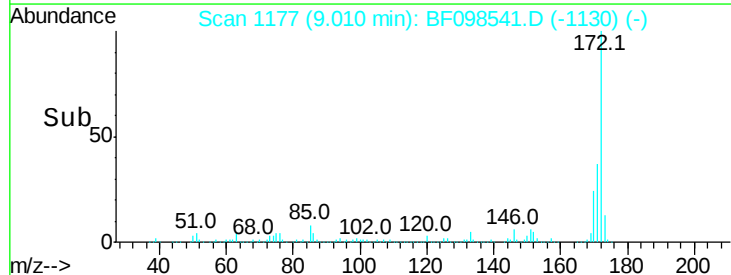
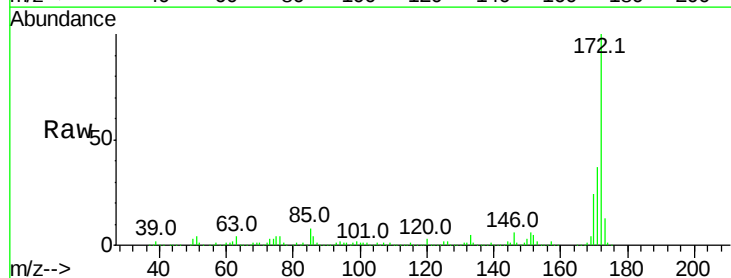
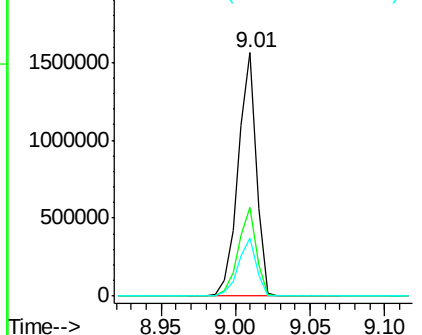
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1343550		
171	36.6	29.6	44.4	
170	24.0	19.8	29.8	

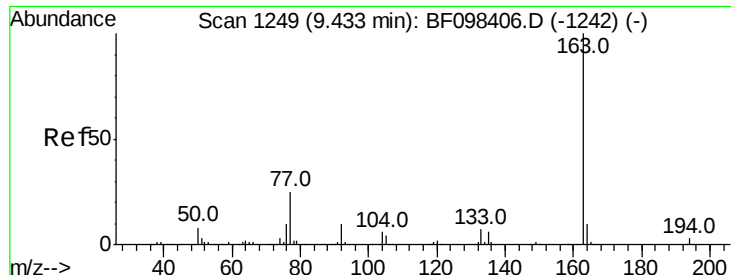
Abundance

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





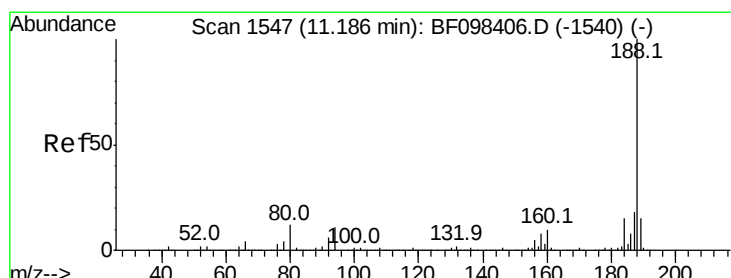
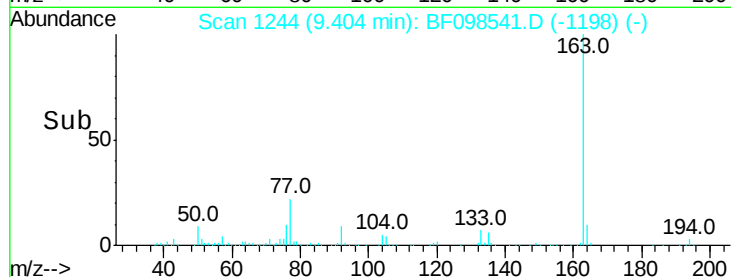
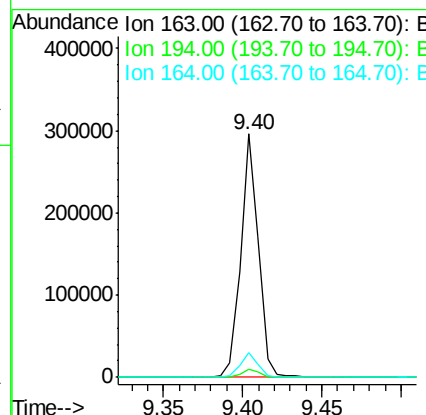
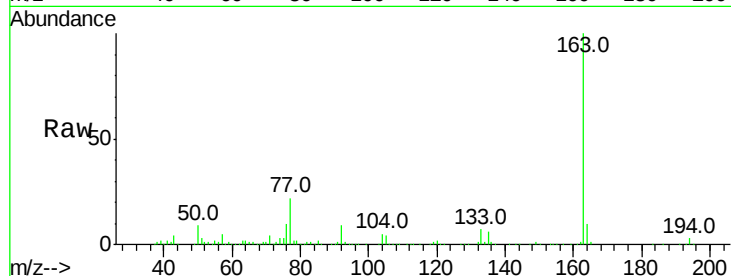
#49
Dimethylphthalate
Concen: 12.168 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampled :
G-7-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.2	8.4	12.6	

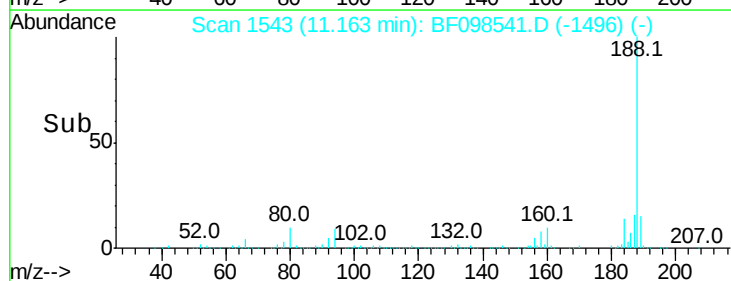
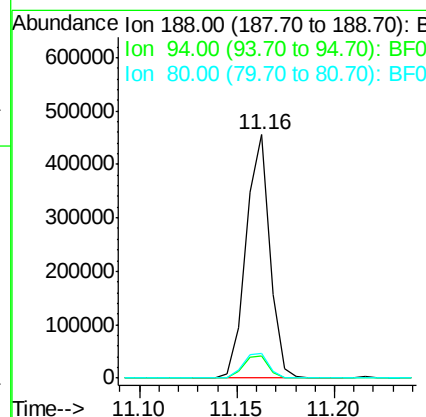
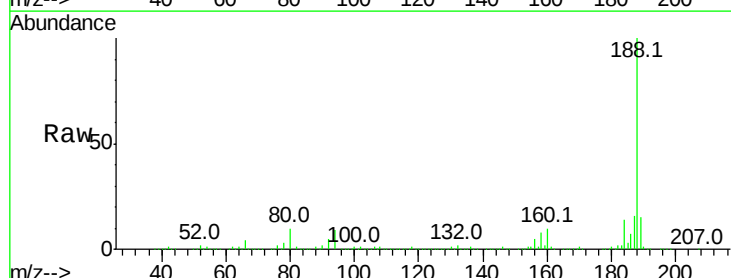
Manual Integrations
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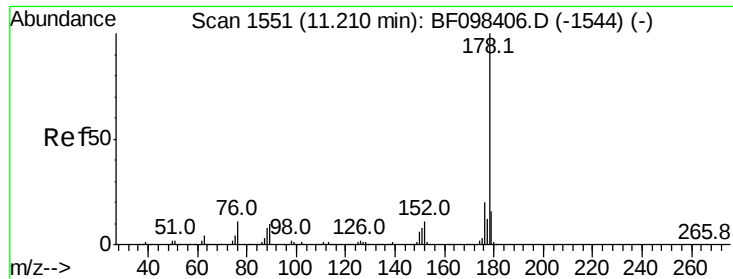
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	9.4	14.2#	
80	10.4	10.2	15.2	





#70

Phenanthrene

Concen: 5.411 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

Instrument :

BNA_F

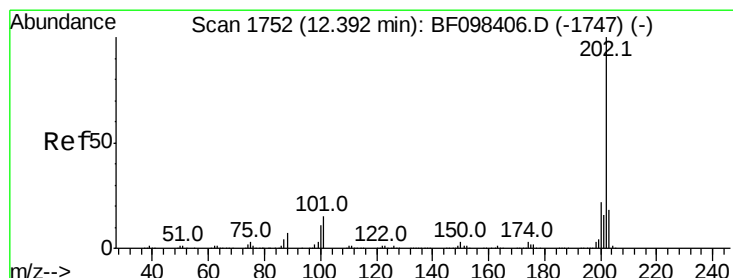
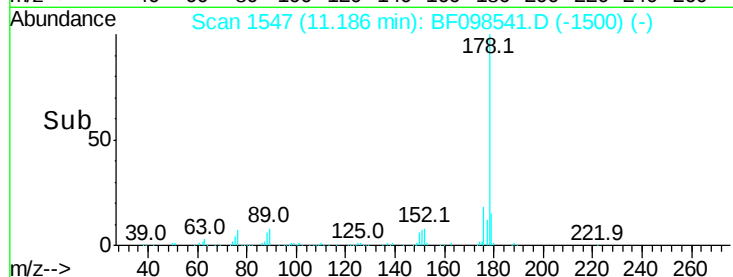
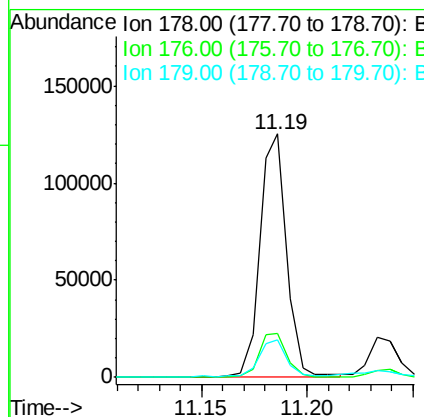
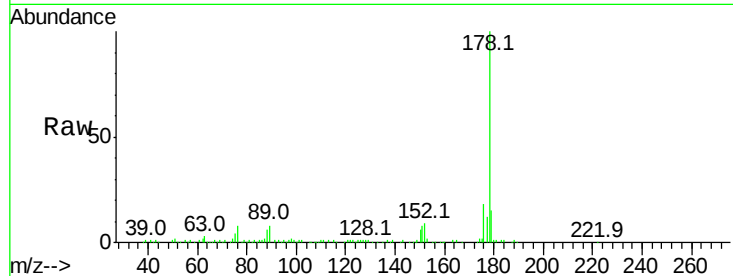
ClientSampleId :

G-7-2

Tot Ion:	178	Resp:	110150
Ion Ratio	Lower	Upper	
178	100		
176	18.1	16.2	24.4
179	15.3	12.6	19.0

Manual Integrations
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#74

Fluoranthene

Concen: 10.005 ng

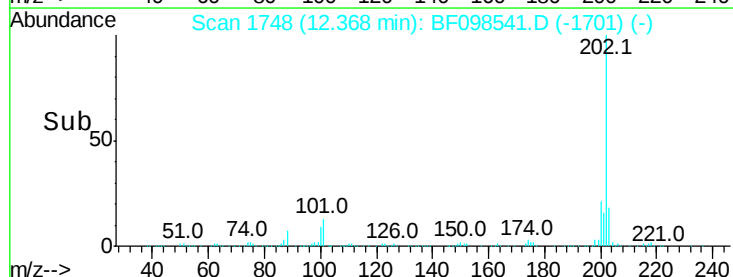
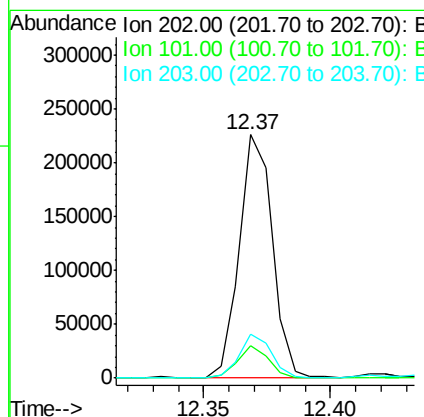
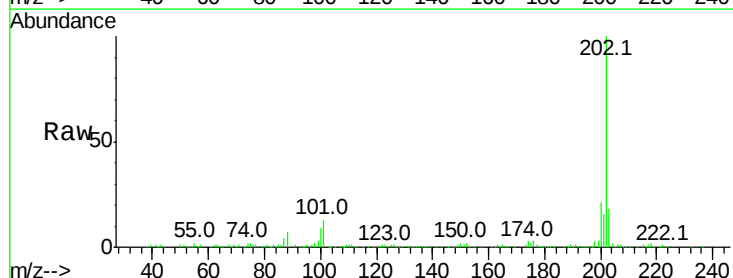
RT: 12.37 min Scan# 1748

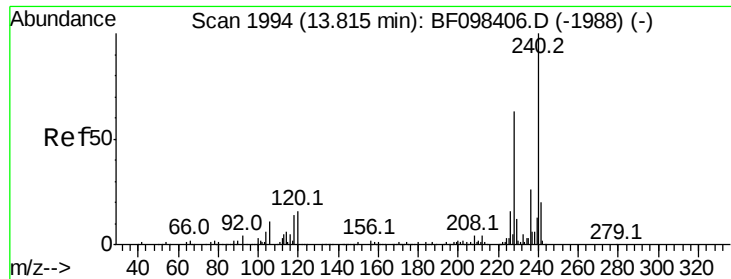
Delta R.T. -0.02 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

Tgt Ion:	202	Resp:	203898
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

Instrument :

BNA_F

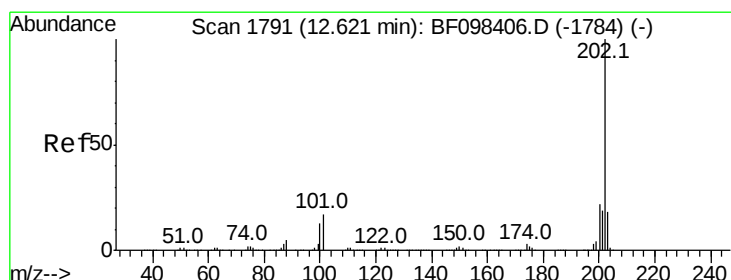
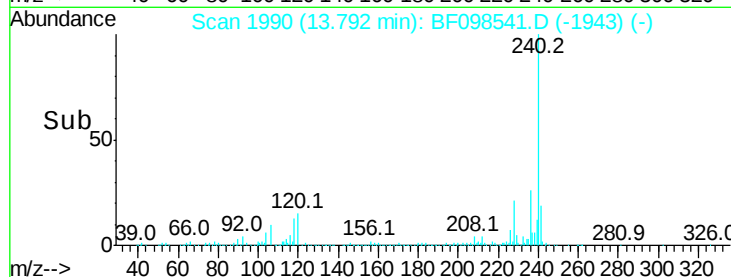
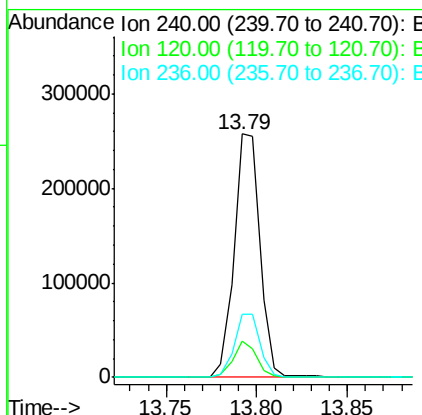
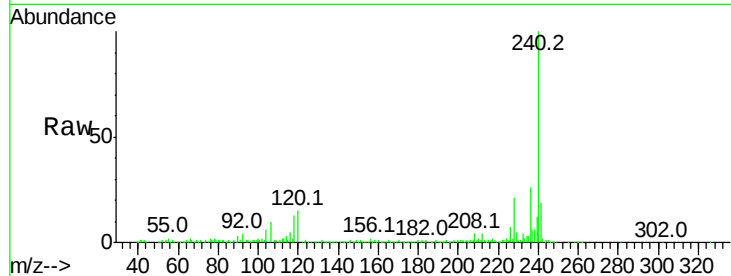
ClientSampled :

G-7-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.7	20.5	30.7

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#77

Pyrene

Concen: 8.916 ng

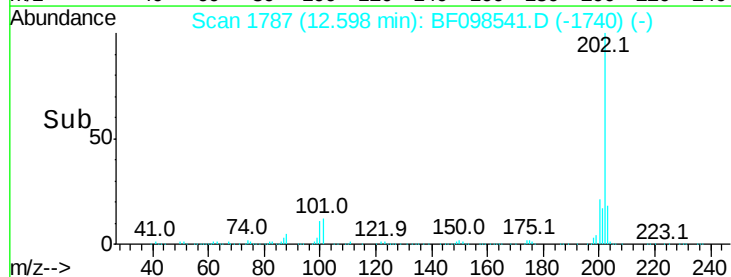
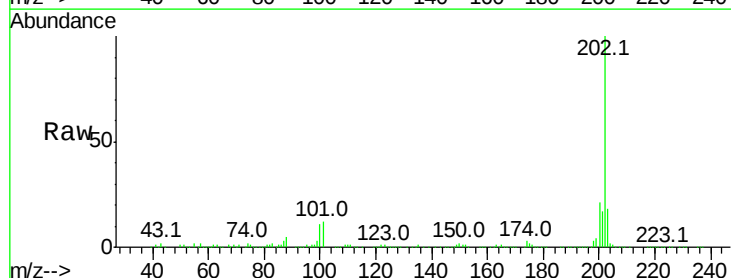
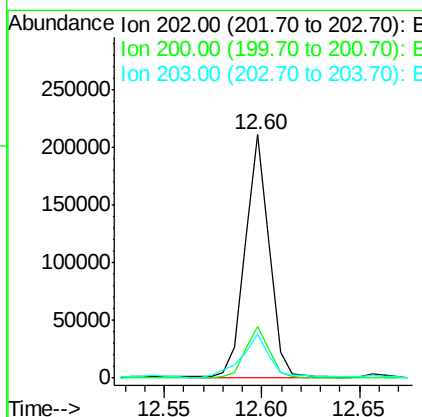
RT: 12.60 min Scan# 1787

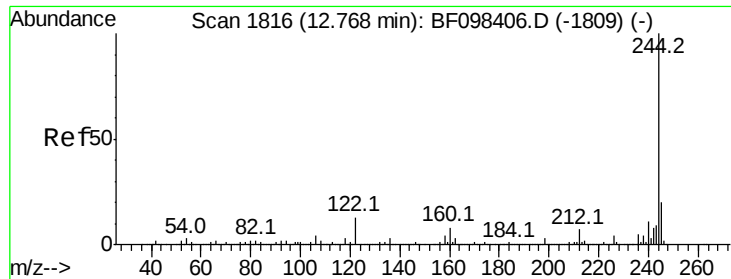
Delta R.T. -0.02 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.1	14.4	21.6





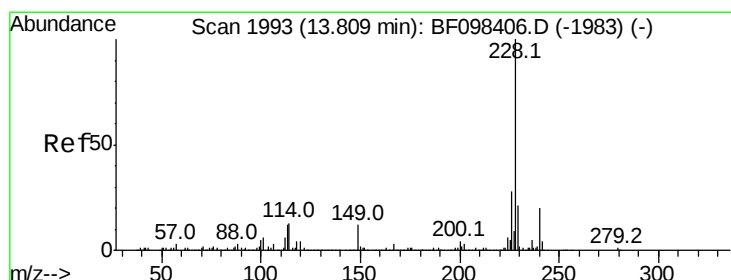
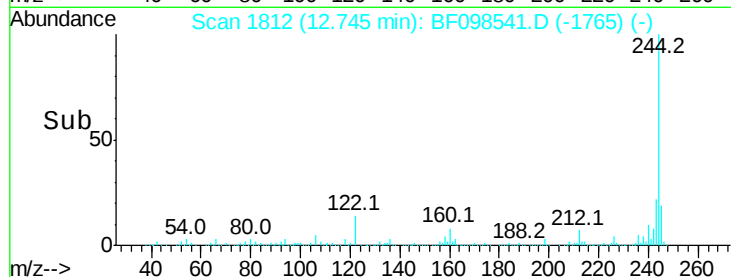
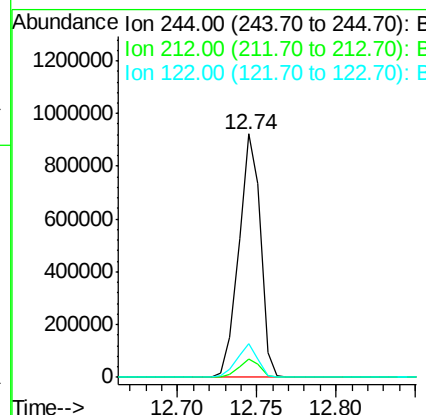
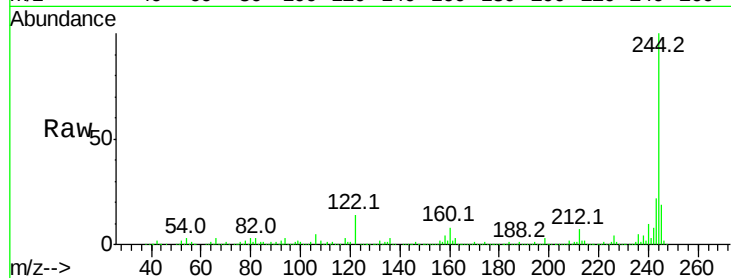
#78
 Terphenyl-d14
 Concen: 73.432 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF098541.D
 Acq: 14 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampled :
 G-7-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.7	10.3	15.5

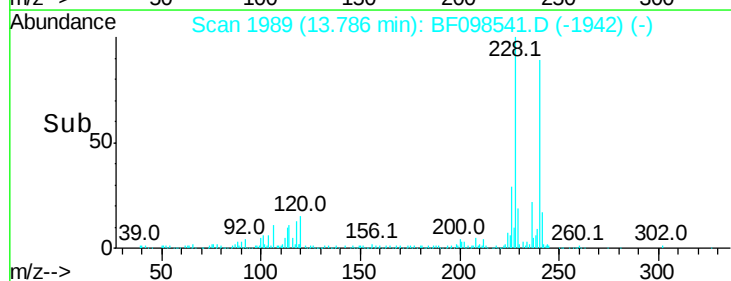
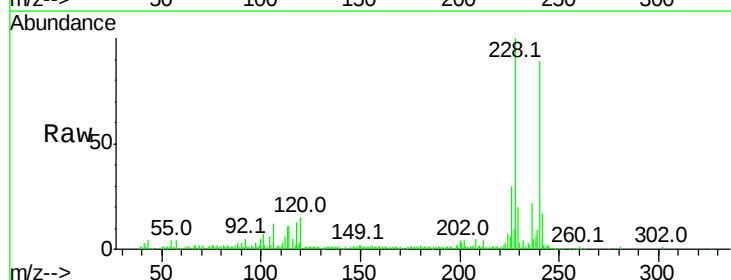
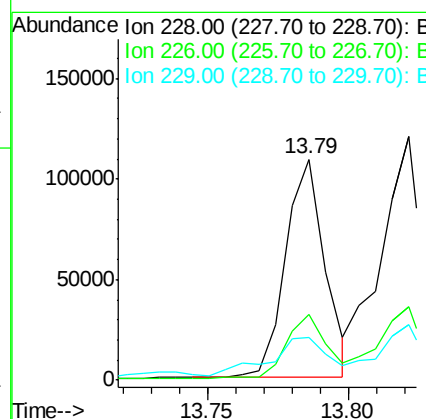
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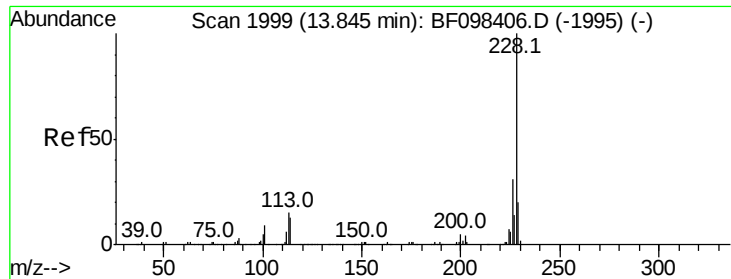
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#80
 Benzo(a)anthracene
 Concen: 7.046 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BF098541.D
 Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	19.6	16.3	24.5





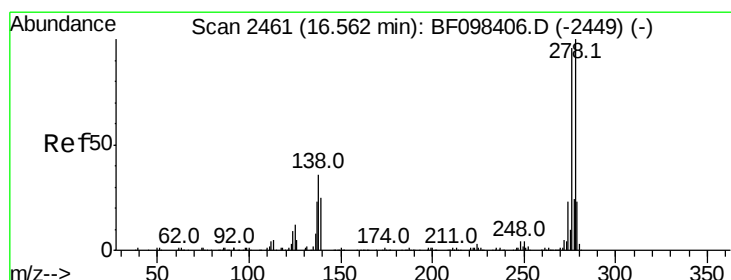
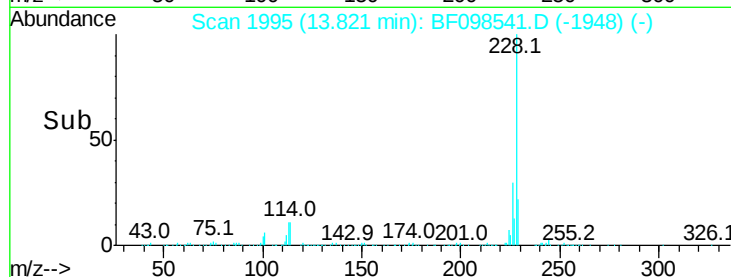
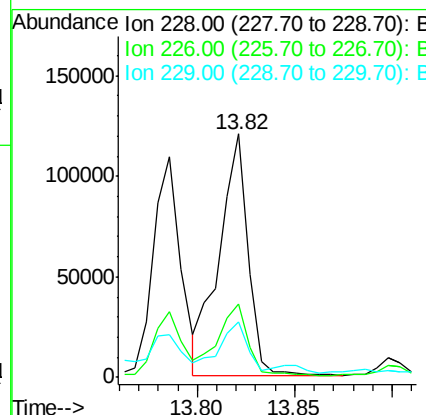
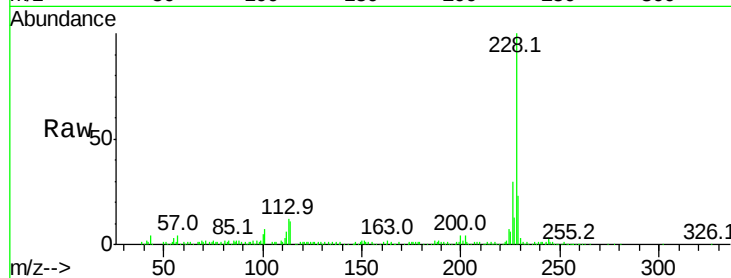
#82
Chrysene
Concen: 8.215 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
G-7-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.6	15.8	23.6

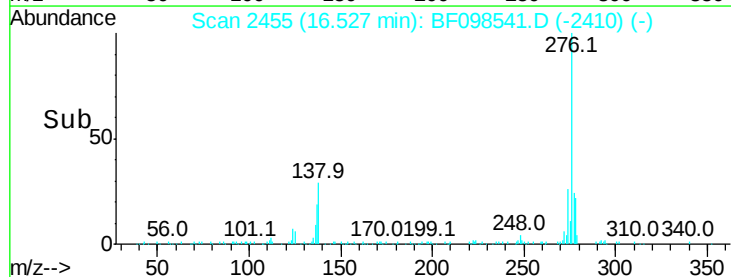
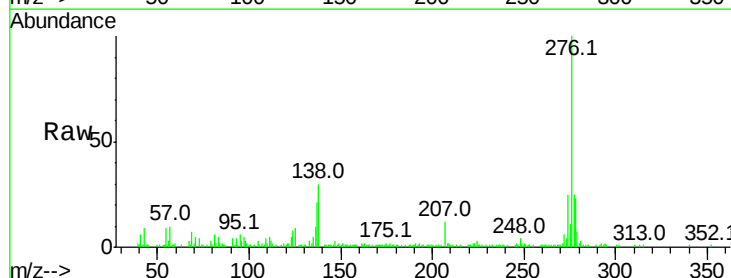
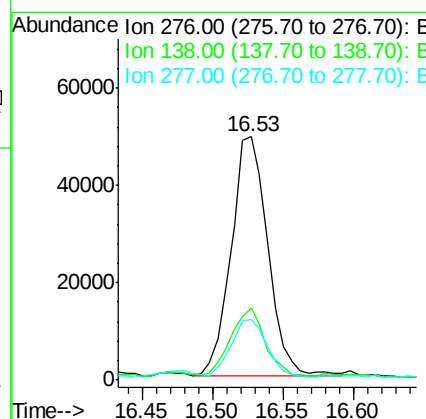
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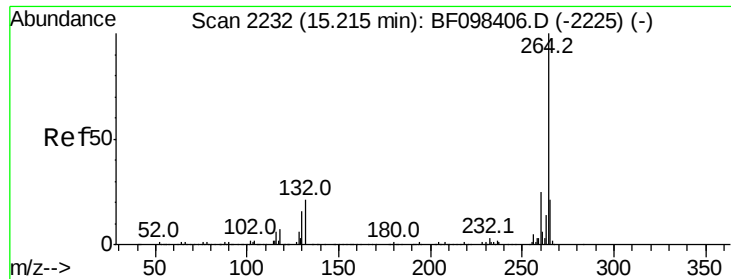
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.320 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	27.8	41.6#
277	23.8	20.2	30.4





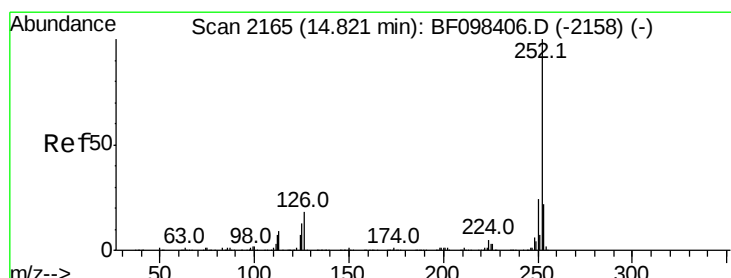
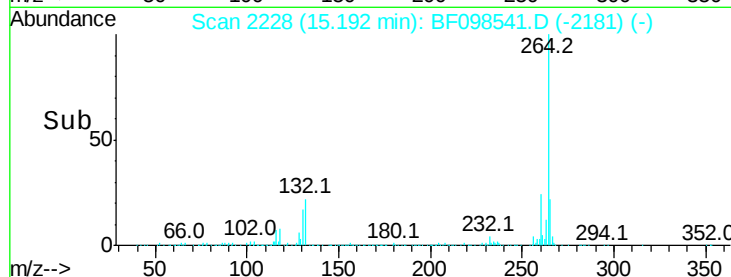
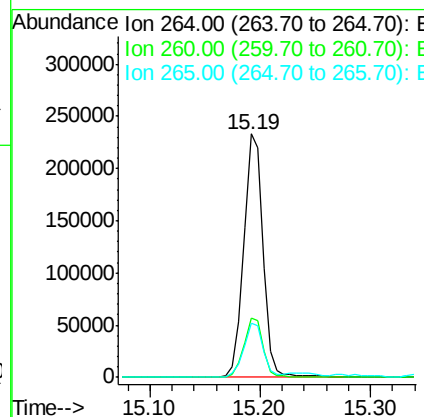
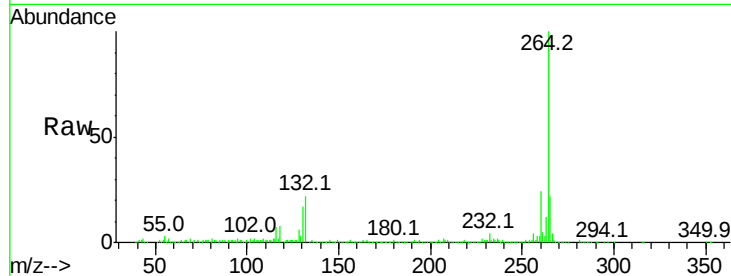
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
G-7-2

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.5	29.3	
265	22.4	17.2	25.8	

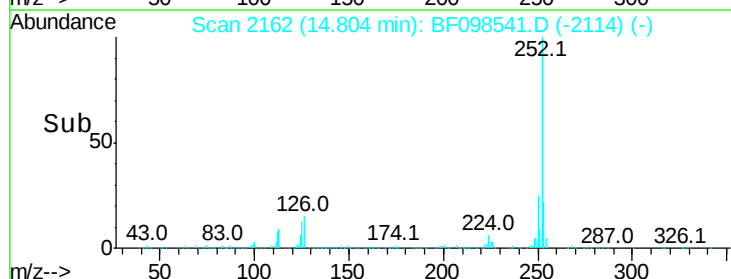
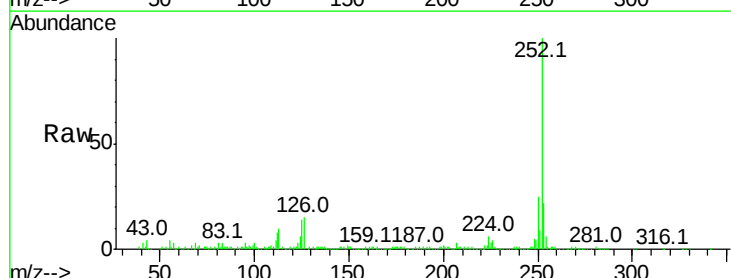
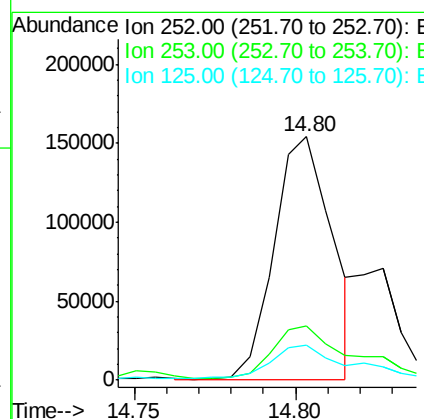
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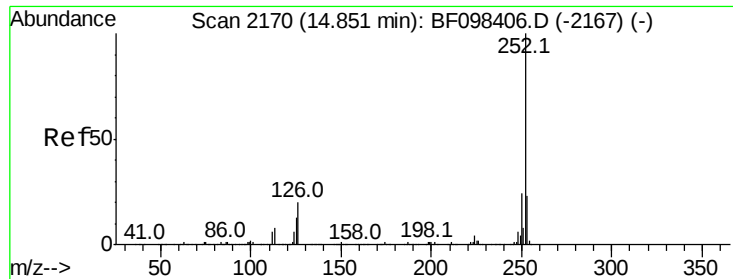
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#87
Benzo(b)fluoranthene
Concen: 10.743 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.4	18.1	27.1	
125	14.1	9.8	14.8	





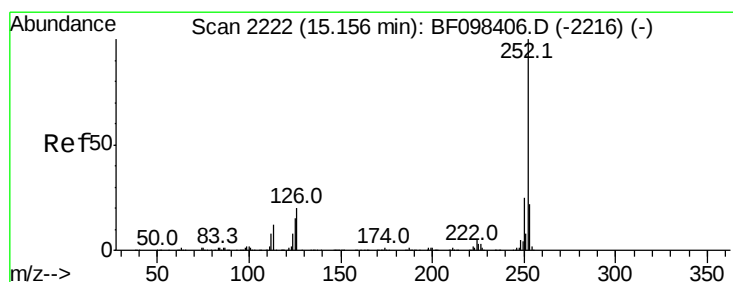
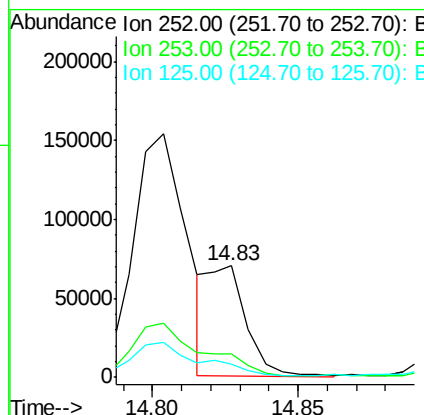
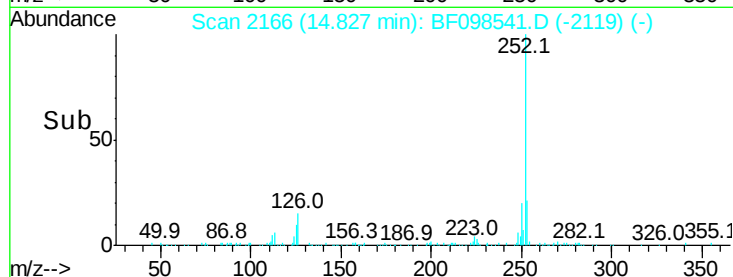
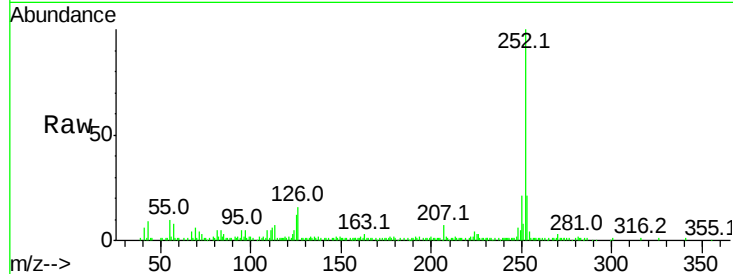
#88
Benzo(k)fluoranthene
Concen: 3.778 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Instrument :
BNA_F
ClientSampled :
G-7-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.4	27.6
125	11.8	13.1	19.7

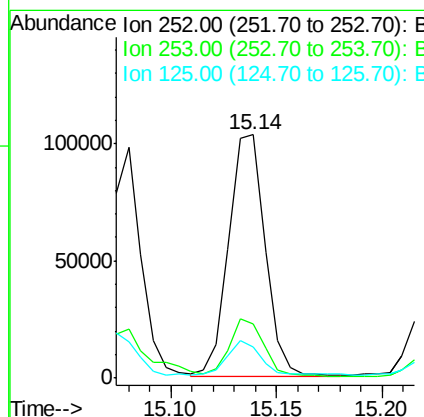
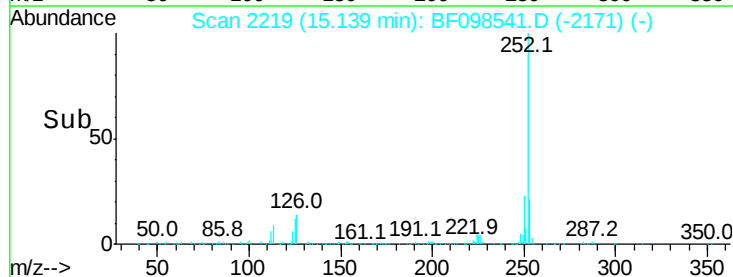
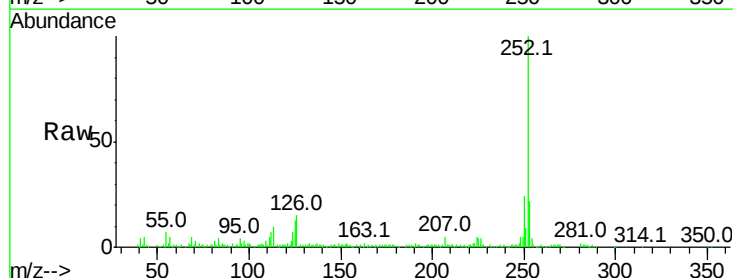
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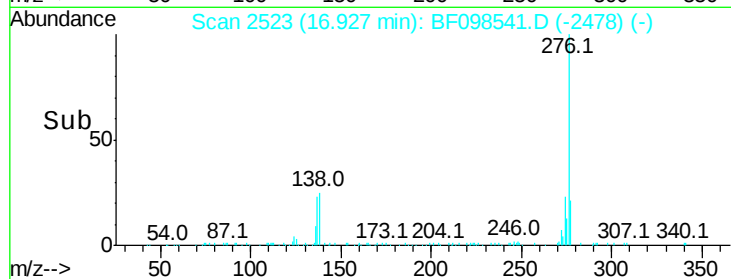
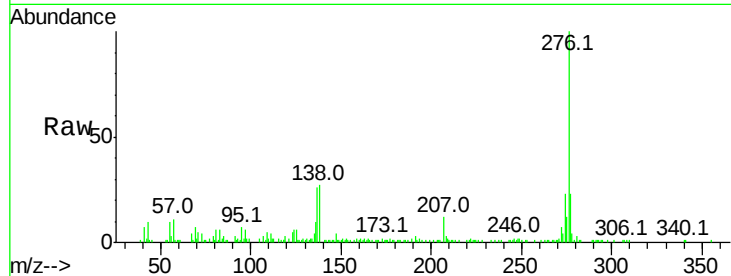
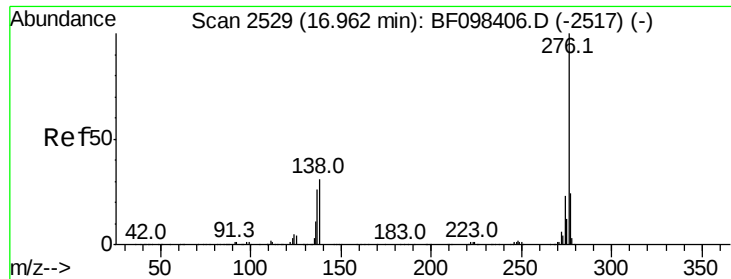
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#89
Benzo(a)pyrene
Concen: 7.706 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF098541.D
Acq: 14 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.0	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 7.155 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.04 min

Lab File: BF098541.D

Acq: 14 Sep 2017 21:24

Tot Ion:	276	Resp:	84111
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.6	28.0
138	27.2	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

G-7-2

Manual Integrations
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