

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099309.D
 Acq On : 10 Oct 2017 19:28
 Operator : SJ/JU
 Sample : I5715-01 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-100517-A

Manual Integrations
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Sohil
 10/11/2017 7:23:55 PM

Quant Time: Oct 10 20:05:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80988	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	310713	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	124550	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	187589	20.00	ng	0.00
75) Chrysene-d12	14.03	240	173028	20.00	ng	0.00
86) Perylene-d12	15.50	264	147563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	9674	1.90	ng	0.00
7) Phenol-d6	6.49	99	11942	1.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	5921	1.22	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	1474	1.45	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	14185	1.90	ng	-0.01
78) Terphenyl-d14	12.96	244	14493	1.90	ng	-0.01
Target Compounds						
57) Fluorene	10.44	166	19765	2.370	ng	94
70) Phenanthrene	11.41	178	162490	16.182	ng	98
71) Anthracene	11.46	178	58508	5.695	ng	99
74) Fluoranthene	12.60	202	233854	23.000	ng	97
77) Pyrene	12.83	202	191306	14.499	ng	98
80) Benzo(a)anthracene	14.02	228	123277	11.766	ng	97
82) Chrysene	14.05	228	100270	10.052	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	39192	4.912	ng	97
87) Benzo(b)fluoranthene	15.07	252	129658m	14.291	ng	
88) Benzo(k)fluoranthene	15.10	252	34145m	3.810	ng	
89) Benzo(a)pyrene	15.44	252	77222	9.272	ng	# 97
91) Benzo(a,h,i)perylene	17.44	276	31510	4.783	ng	# 89

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

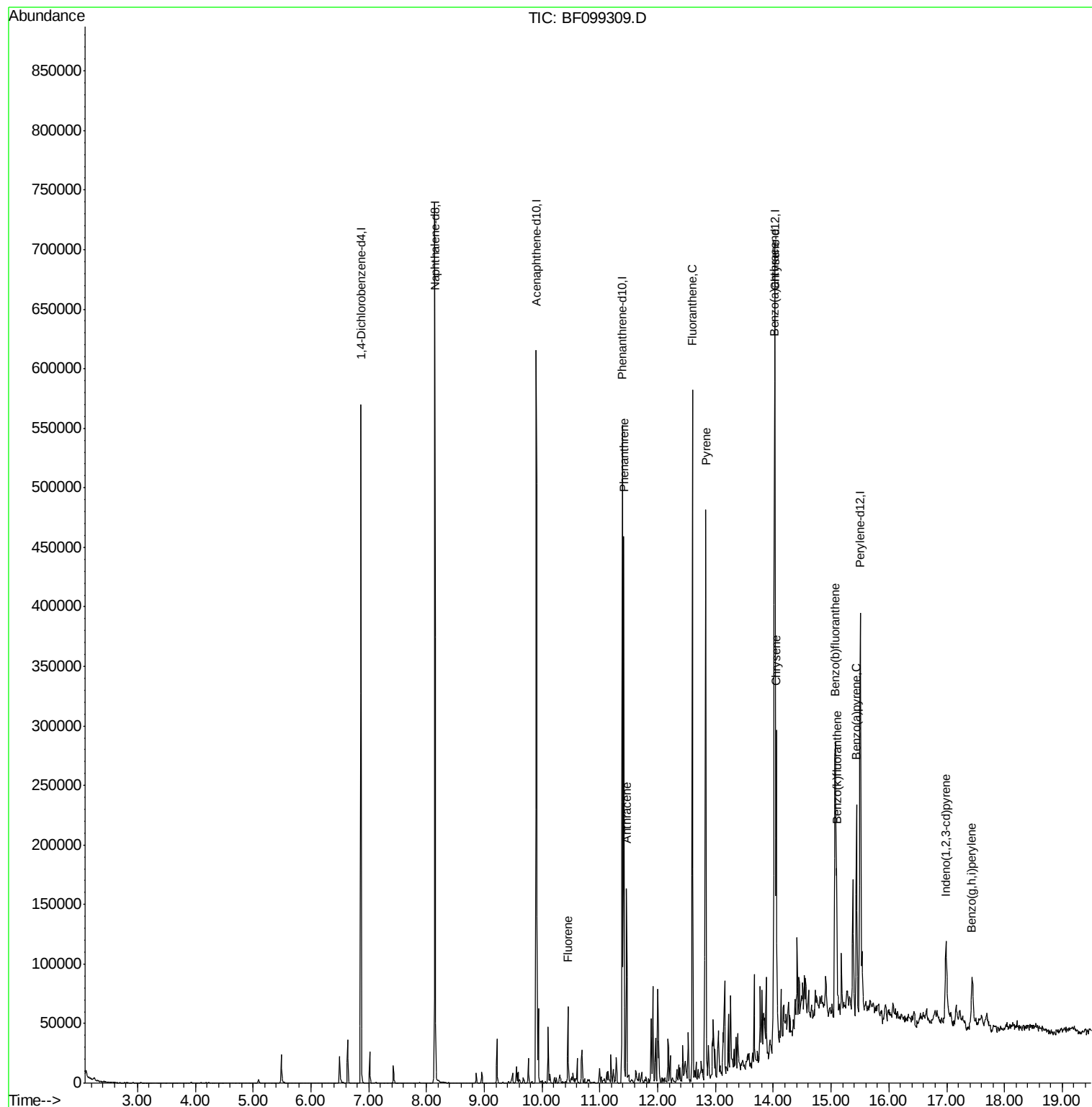
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099309.D
Acq On : 10 Oct 2017 19:28
Operator : SJ/JU
Sample : I5715-01 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

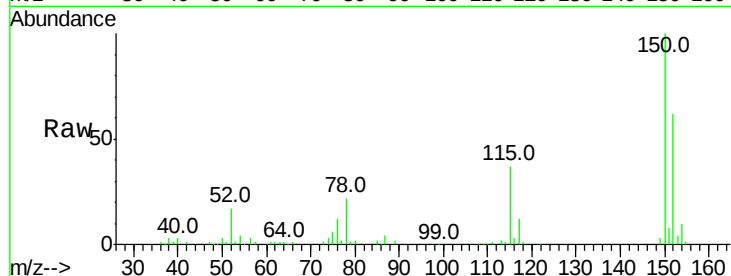
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

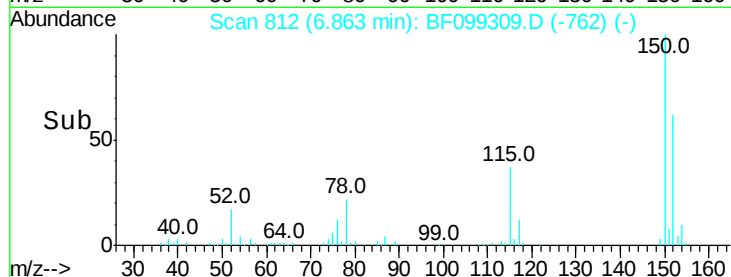
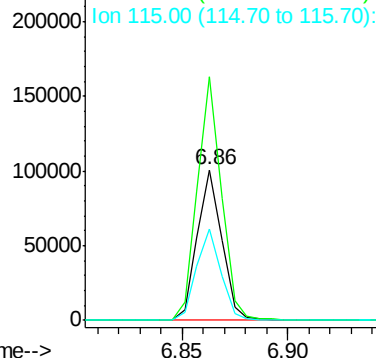
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	60.3	50.1	75.1

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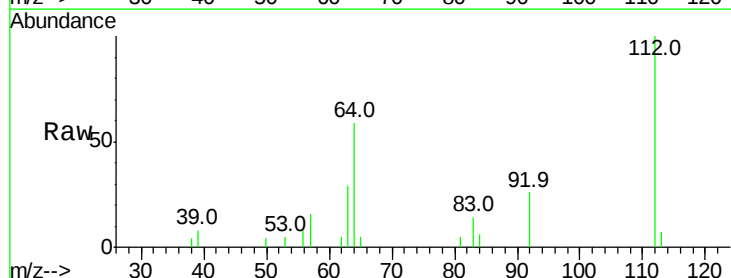
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



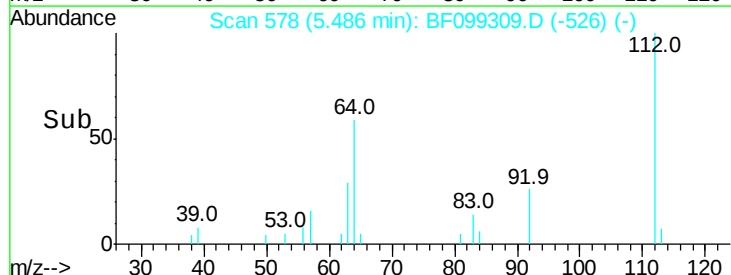
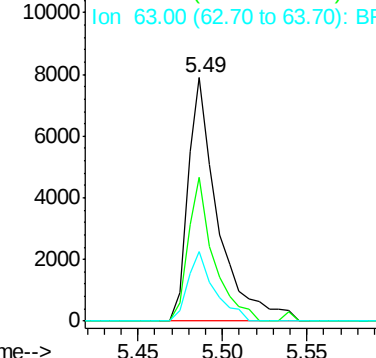
#5

2-Fluorophenol
Concen: 1.902 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	28.7	23.7	35.5



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: 1.903 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099309.D

Acq: 10 Oct 2017 19:28

Instrument :

BNA_F

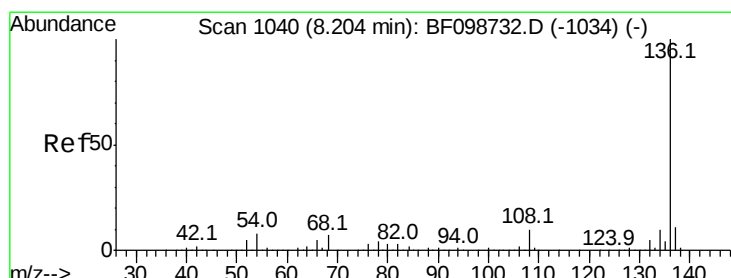
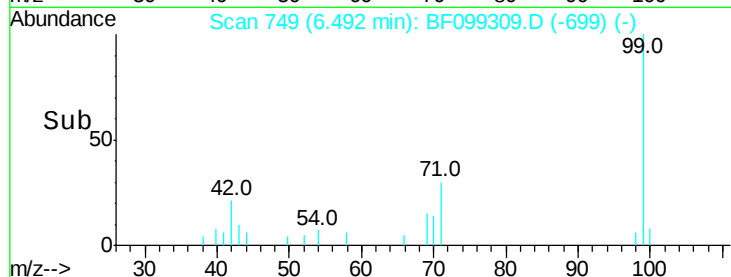
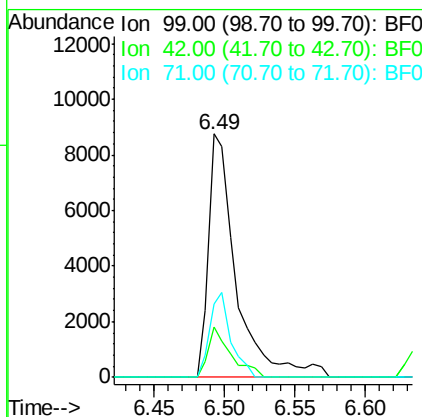
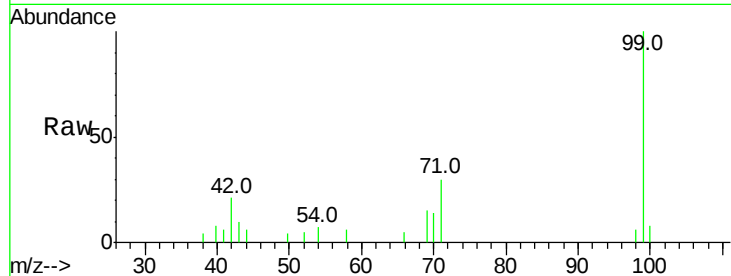
ClientSampleId :

PL-02-100517-A

Tot Ion:	99	Resp:	11942
Ion Ratio	Lower	Upper	
99	100		
42	20.9	14.5	21.7
71	29.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

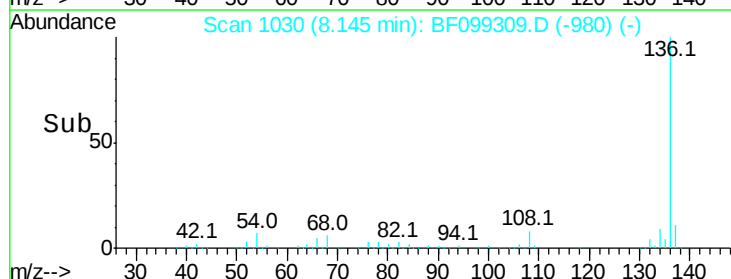
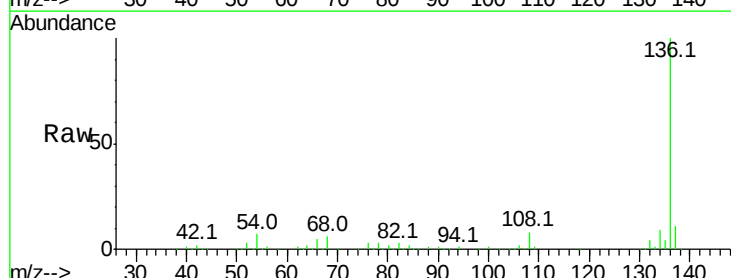
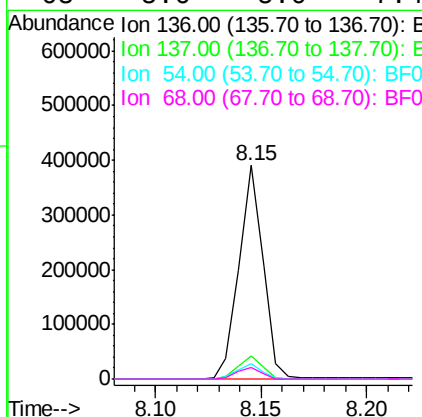
RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099309.D

Acq: 10 Oct 2017 19:28

Tgt Ion:	136	Resp:	310713
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4





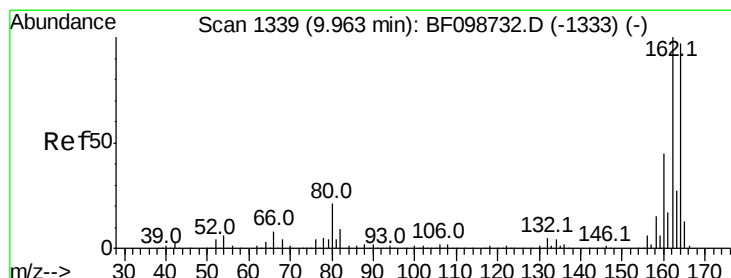
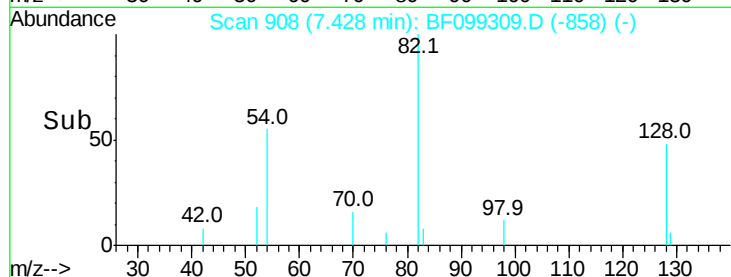
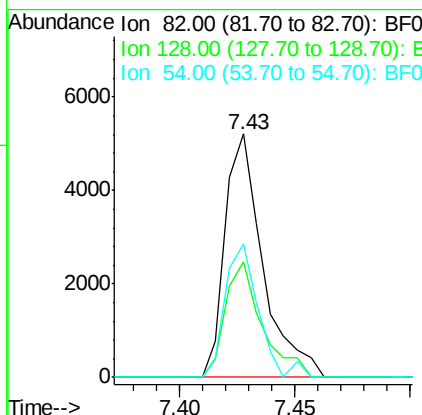
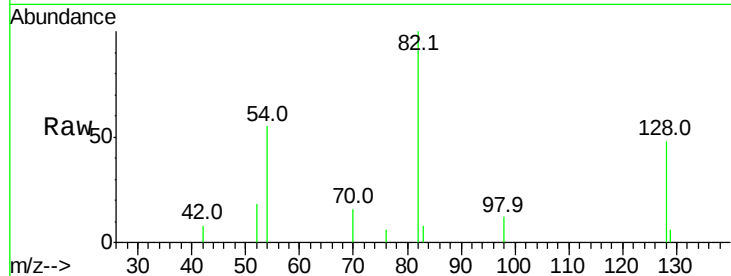
#23
 Nitrobenzene-d5
 Concen: 1.222 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099309.D
 Acq: 10 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-100517-A

Tot Ion	82	Resp	5921
Ion Ratio	100	Lower	Upper
128	47.5	36.1	54.1
54	54.7	41.4	62.2

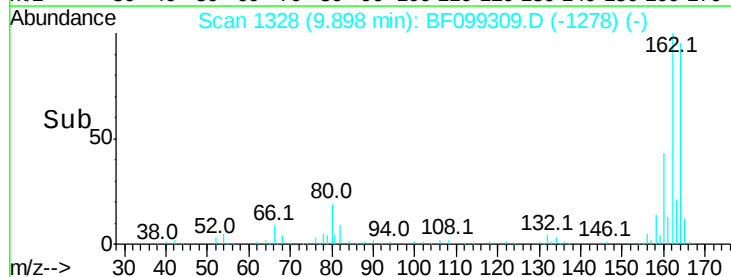
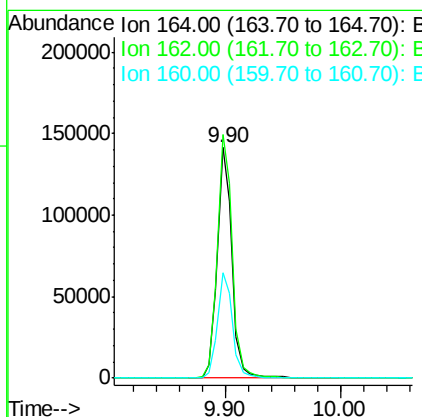
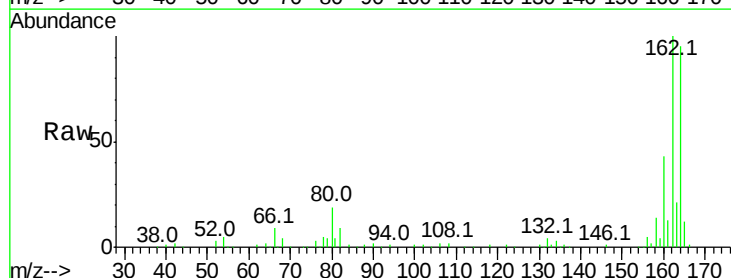
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099309.D
 Acq: 10 Oct 2017 19:28

Tgt Ion	164	Resp	124550
Ion Ratio	100	Lower	Upper
162	105.7	86.1	129.1
160	45.8	38.3	57.5





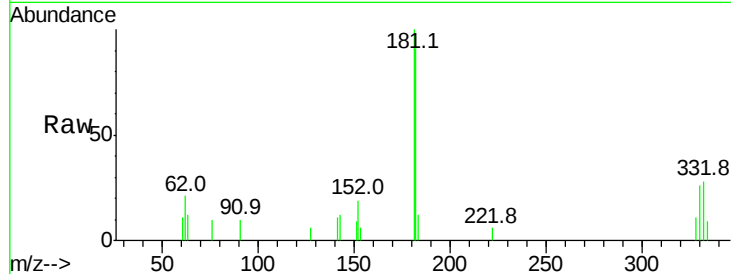
#41
 2,4,6-Tribromophenol
 Concen: 1.446 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099309.D
 Acq: 10 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	35.3	29.9	44.9

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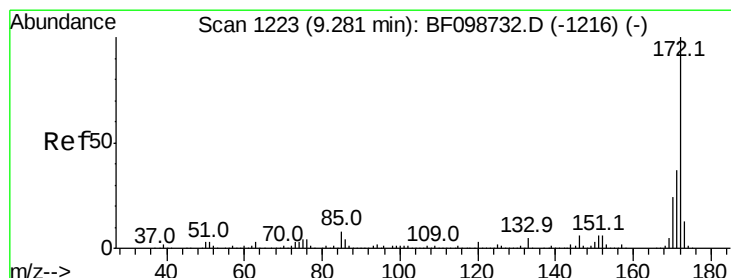
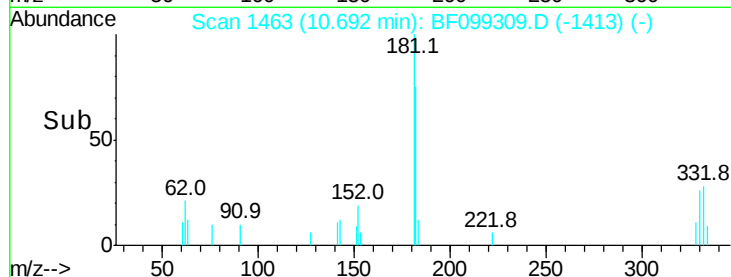
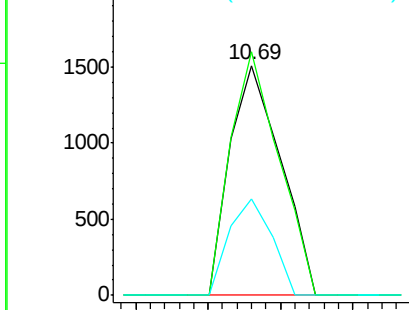


Abundance

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: 1.901 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099309.D
 Acq: 10 Oct 2017 19:28

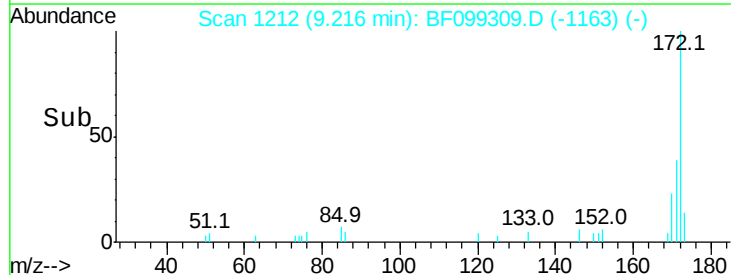
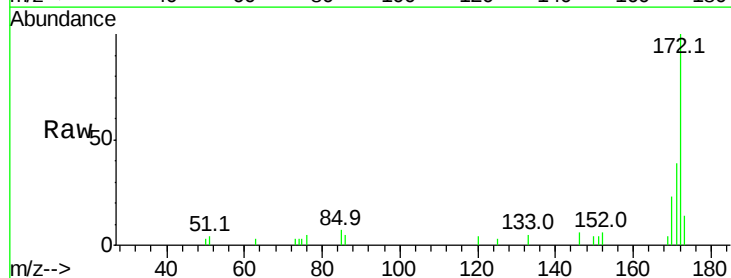
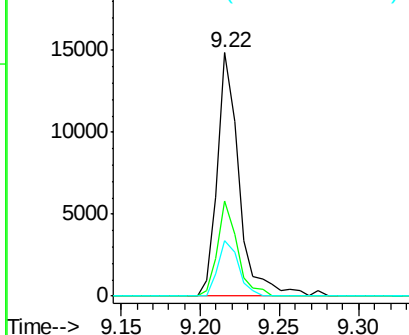
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.7	44.5
170	22.9	19.6	29.4

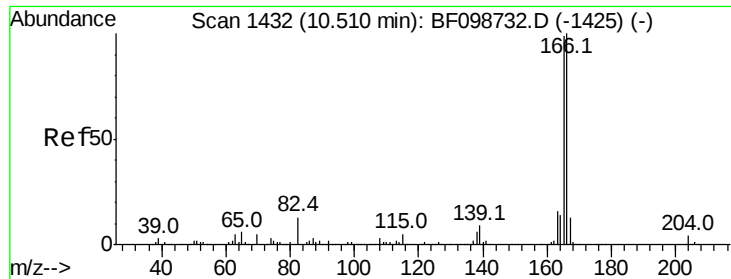
Abundance

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





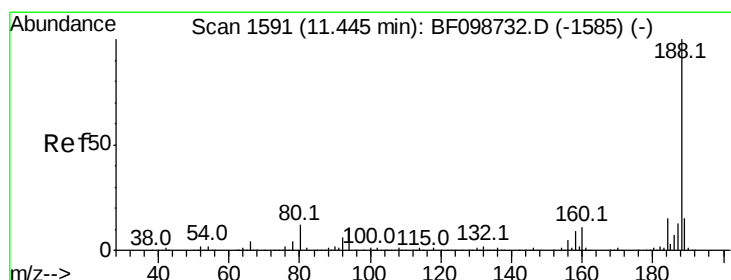
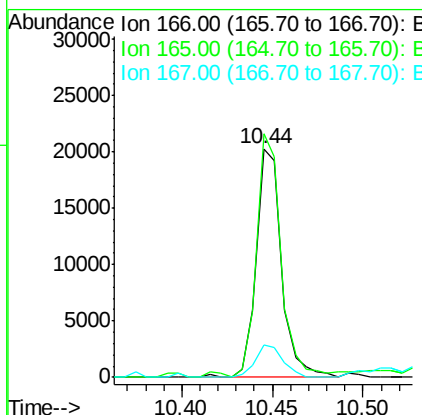
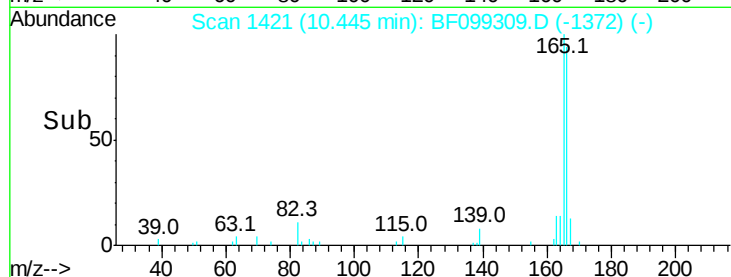
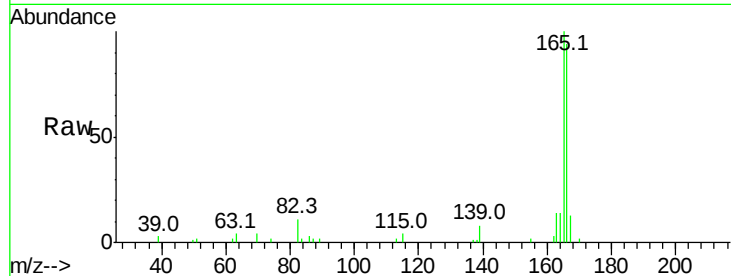
#57
Fluorene
 Concen: 2.370 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF099309.D
 Acq: 10 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.8	119.8
167	14.1	10.6	16.0

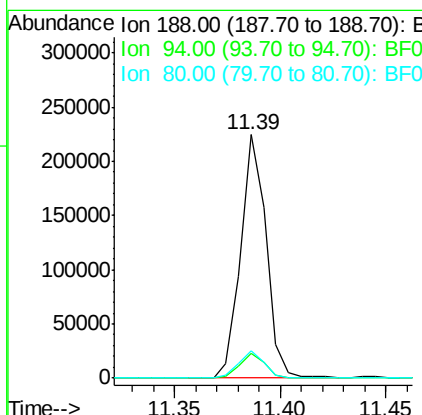
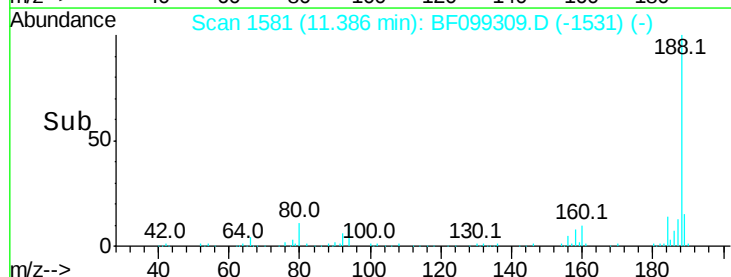
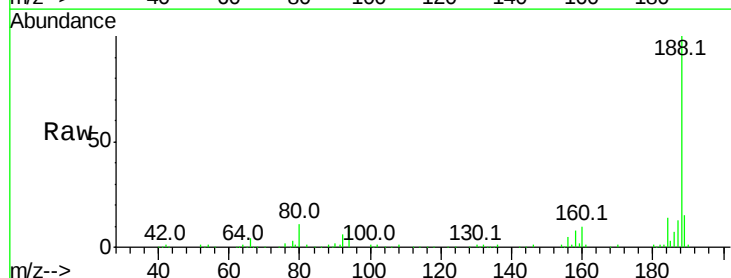
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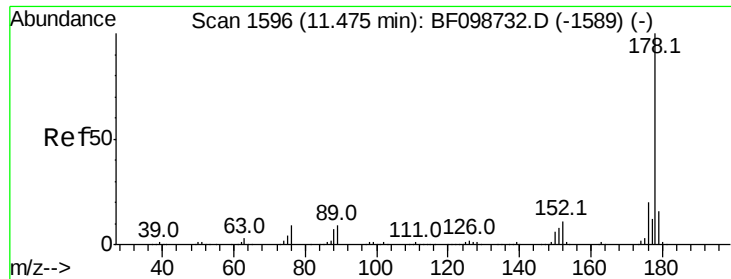
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099309.D
 Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.3	9.2	13.8





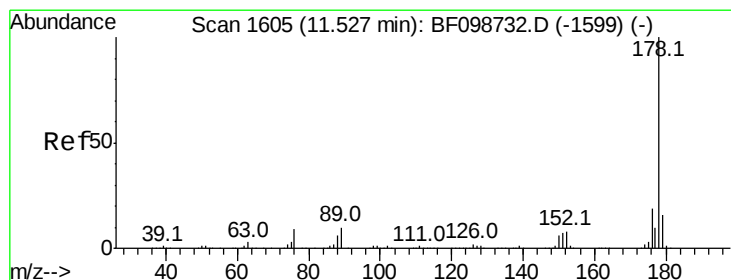
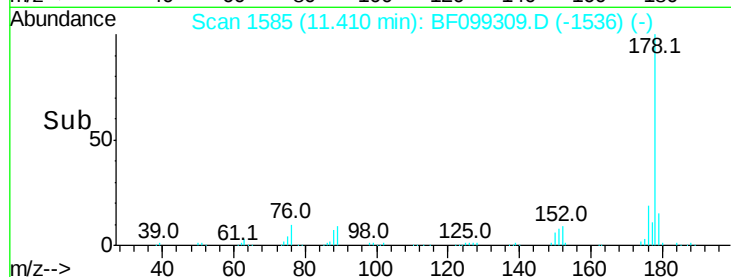
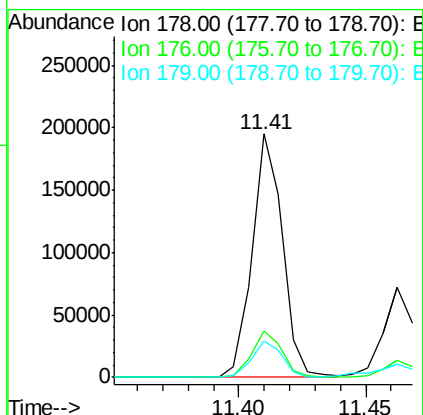
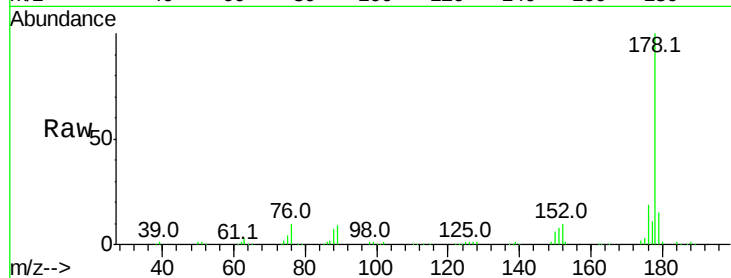
#70
Phenanthrene
Concen: 16.182 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6

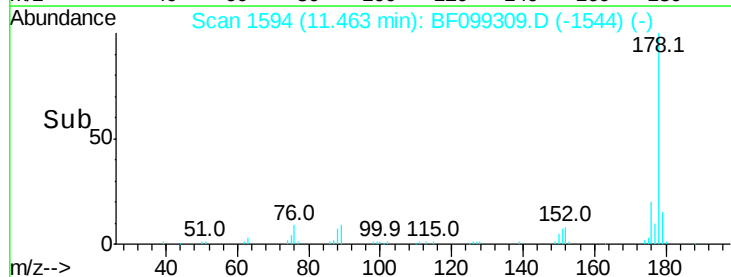
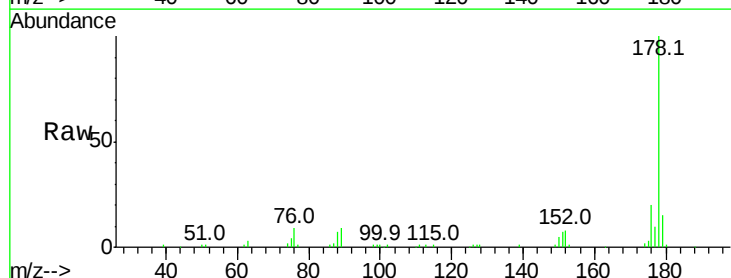
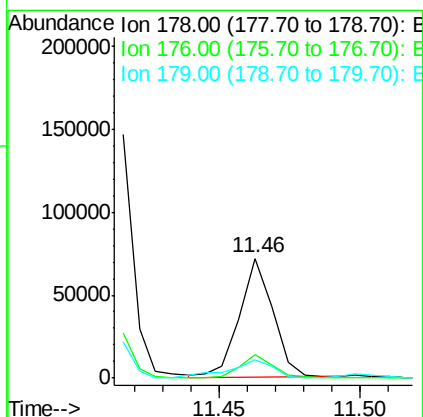
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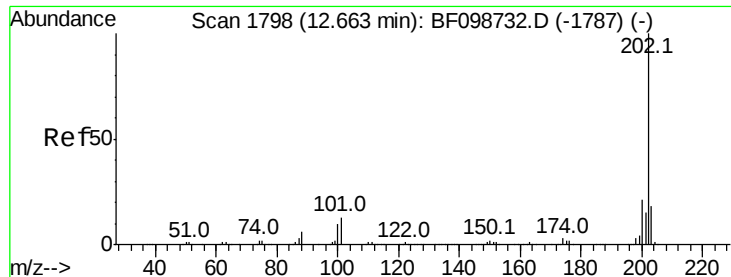
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#71
Anthracene
Concen: 5.695 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.3	12.6	19.0





#74

Fluoranthene

Concen: 23.000 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099309.D

Acq: 10 Oct 2017 19:28

Instrument :

BNA_F

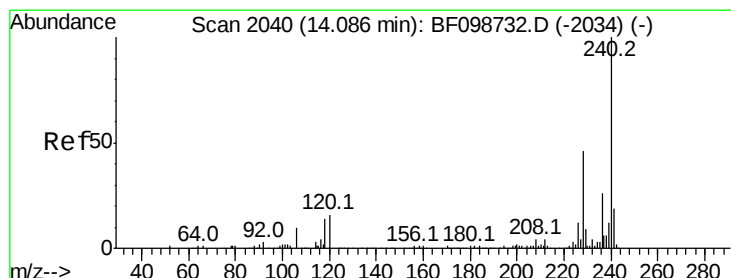
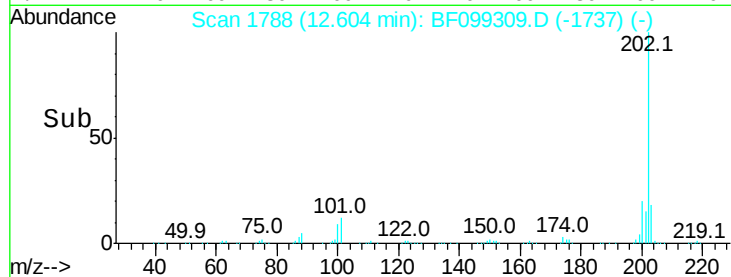
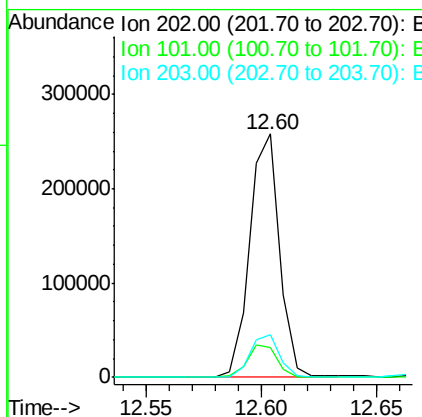
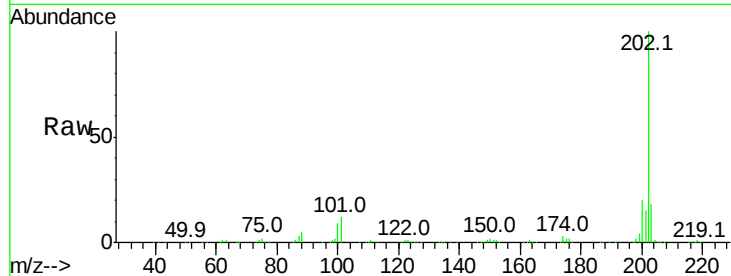
ClientSampleId :

PL-02-100517-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	233854		
101	12.2	0.0	34.1	
203	17.6	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

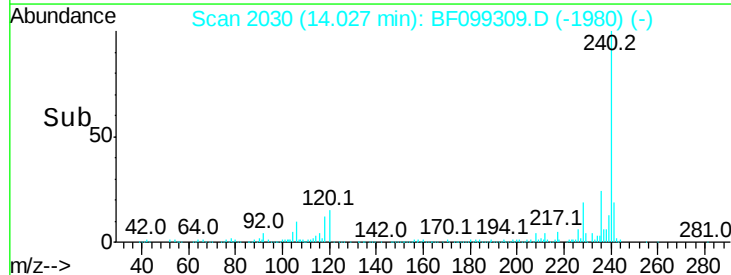
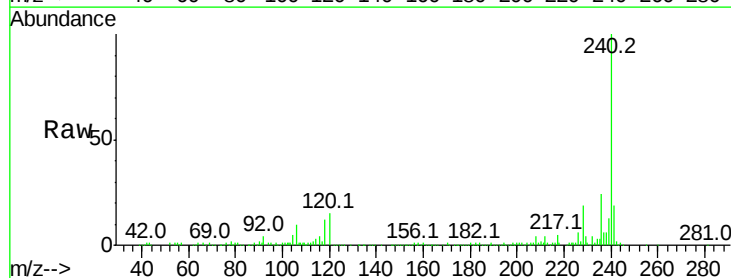
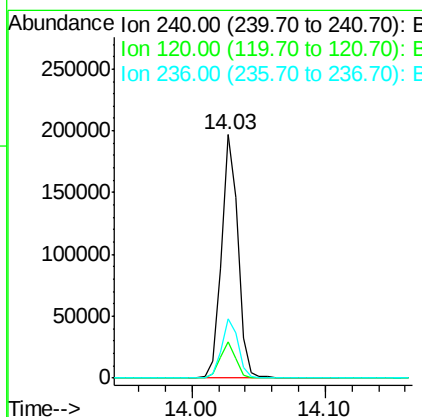
RT: 14.03 min Scan# 2030

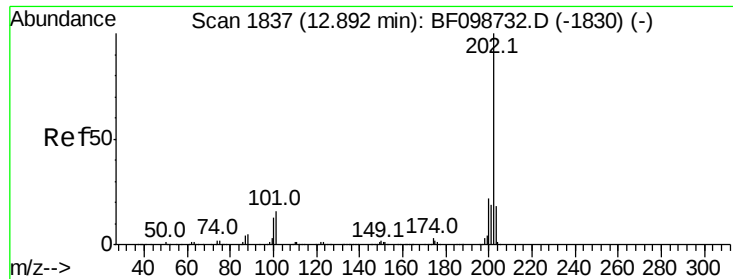
Delta R.T. -0.01 min

Lab File: BF099309.D

Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	173028		
120	14.6	9.5	14.3#	
236	24.4	20.7	31.1	





#77

Pvrene

Concen: 14.499 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099309.D

Acq: 10 Oct 2017 19:28

Instrument :

BNA_F

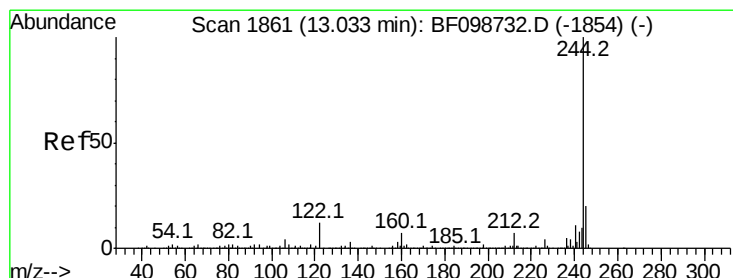
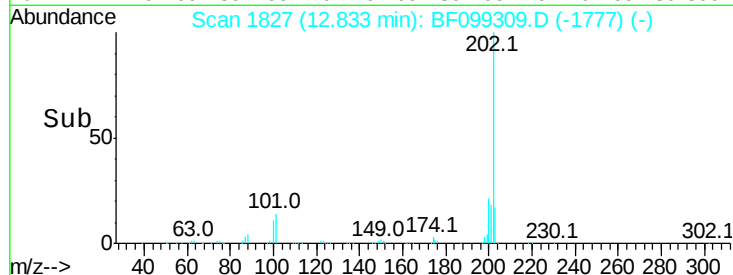
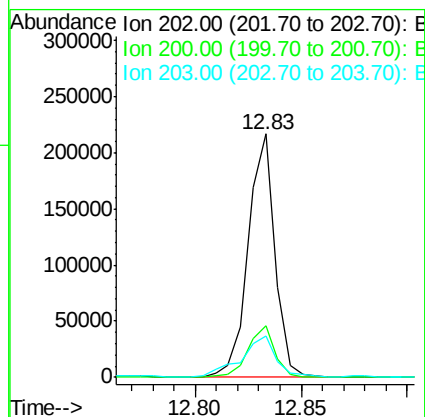
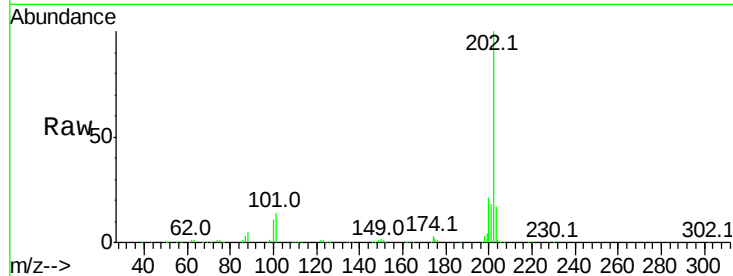
ClientSampleId :

PL-02-100517-A

Tot Ion:	202	Resp:	191306
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 1.905 ng

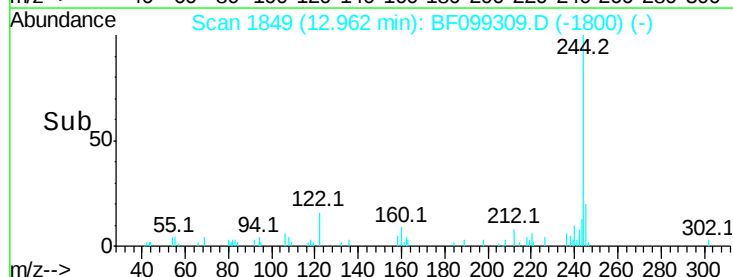
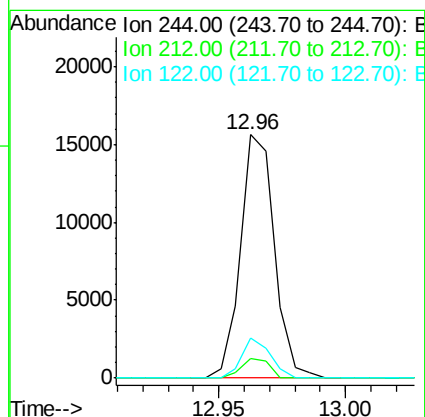
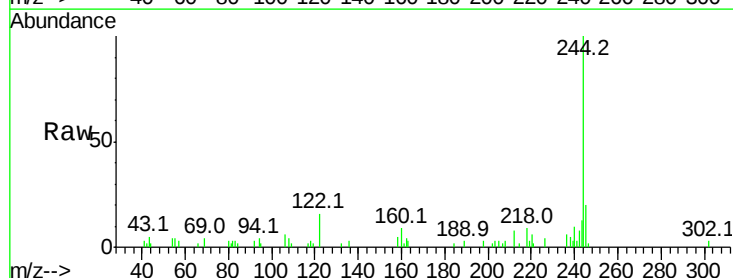
RT: 12.96 min Scan# 1849

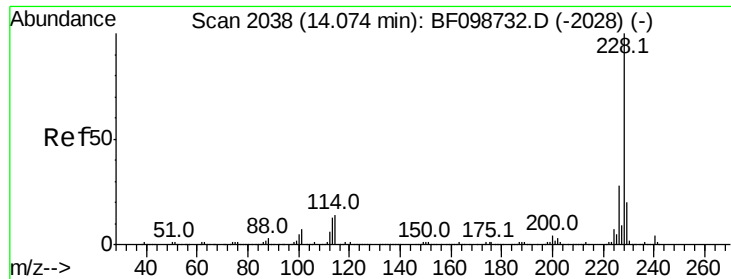
Delta R.T. -0.01 min

Lab File: BF099309.D

Acq: 10 Oct 2017 19:28

Tgt Ion:	244	Resp:	14493
Ion Ratio		Lower	Upper
244	100		
212	7.8	5.4	8.0
122	16.3	11.0	16.4





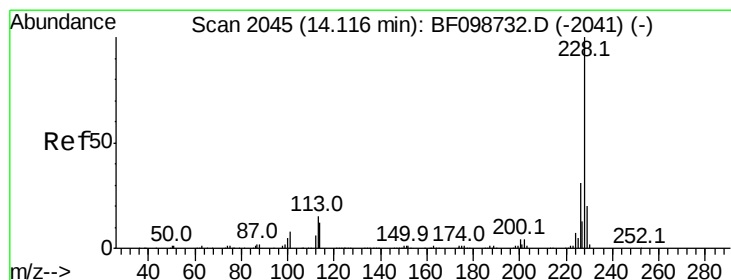
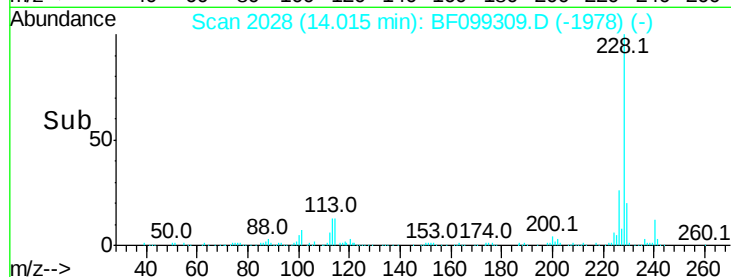
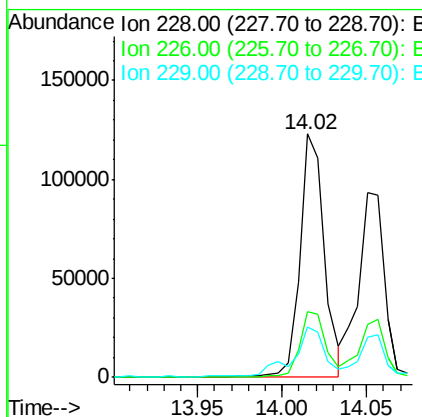
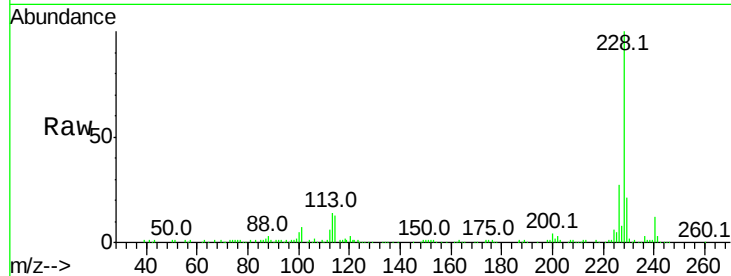
#80
Benzo(a)anthracene
Concen: 11.766 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	20.7	15.8	23.6

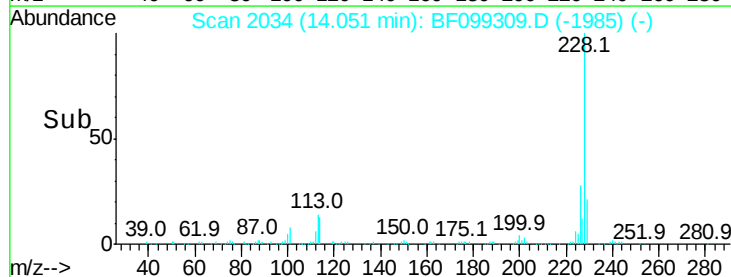
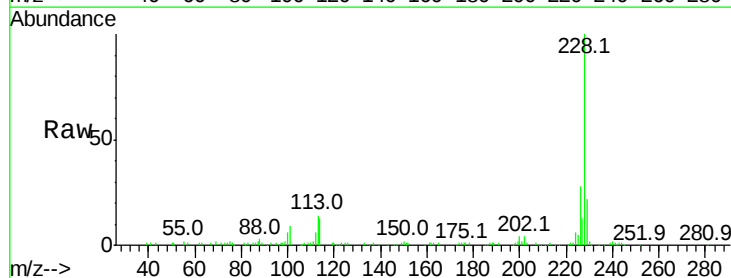
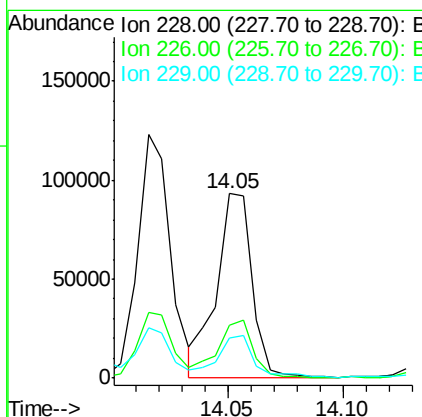
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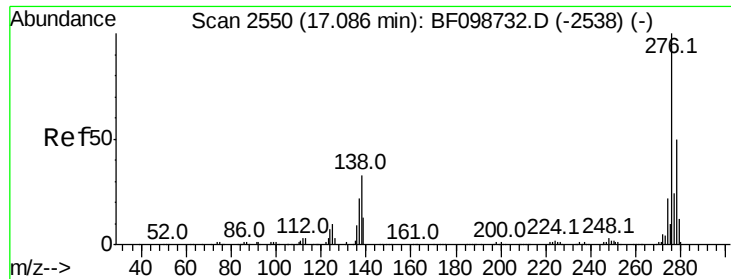
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#82
Chrysene
Concen: 10.052 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	21.9	16.2	24.4





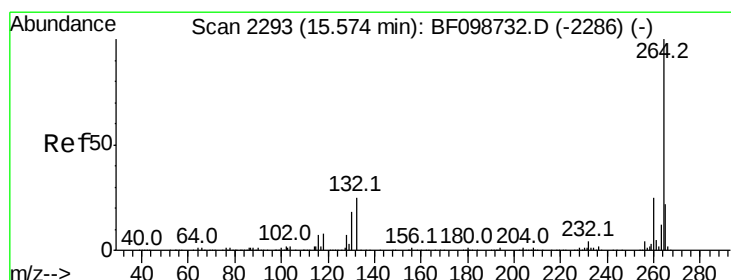
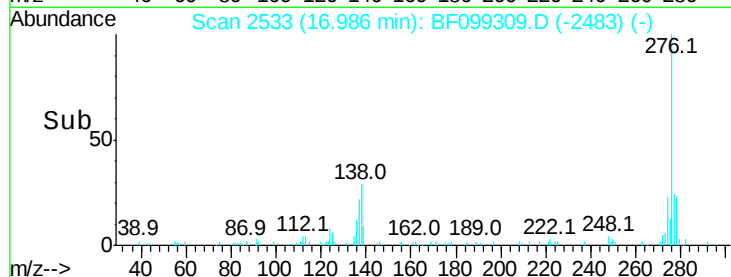
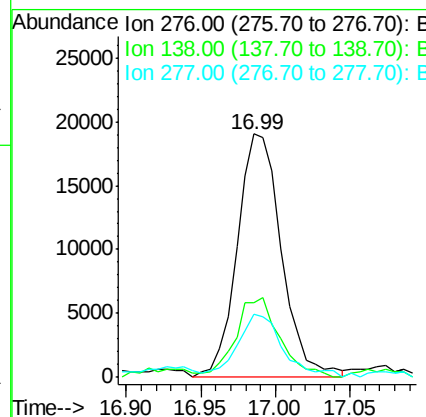
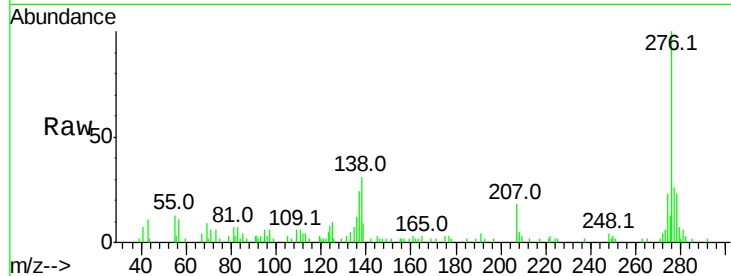
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.912 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Instrument :
BNA_F
ClientSampled :
PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	26.7	20.1	30.1

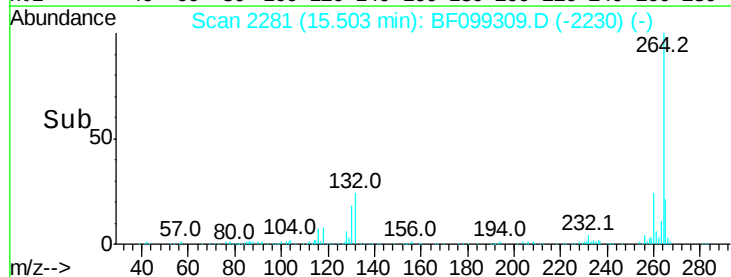
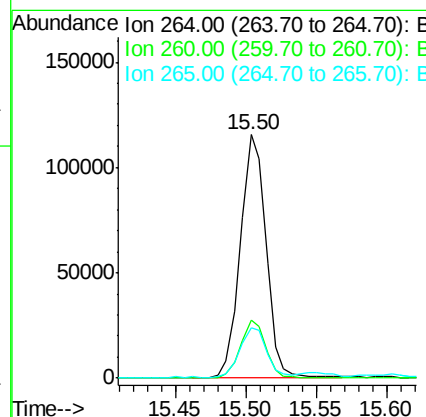
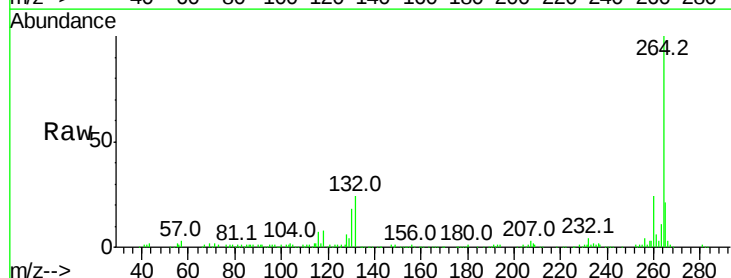
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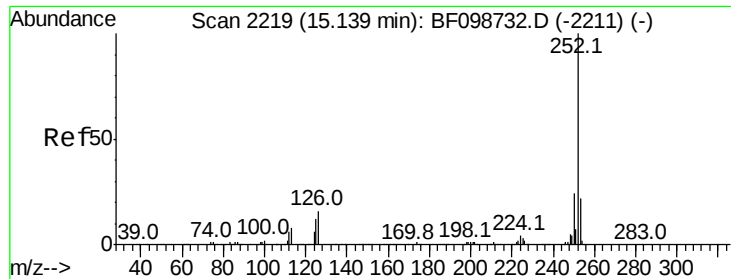
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.5	26.3





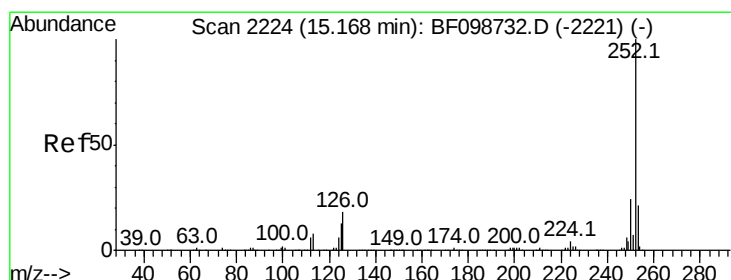
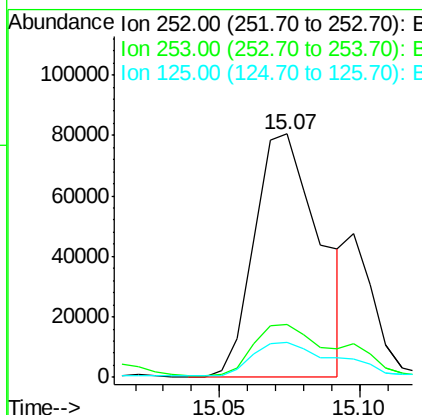
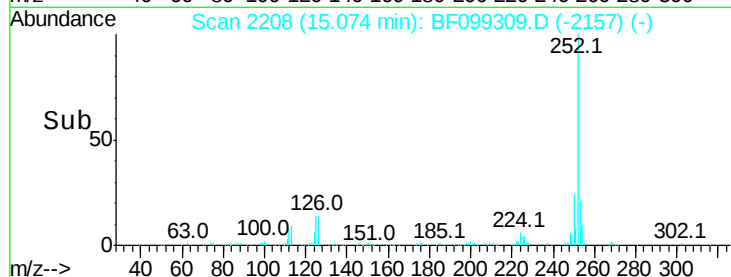
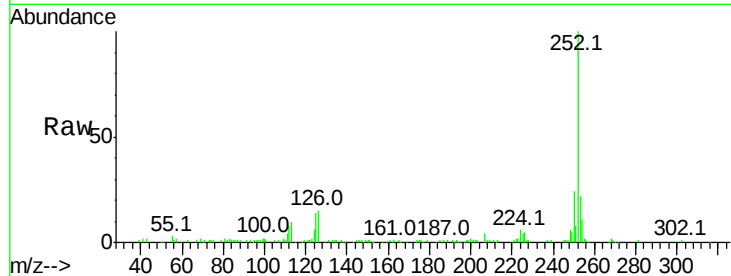
#87
Benzo(b)fluoranthene
Concen: 14.291 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	14.2	9.0	13.6

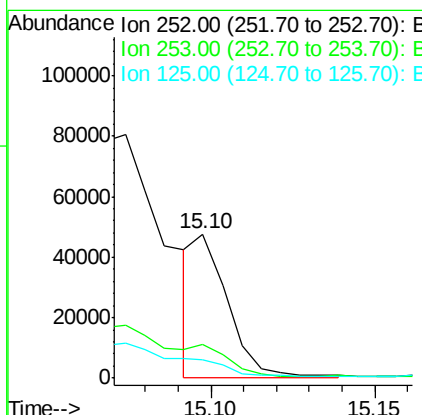
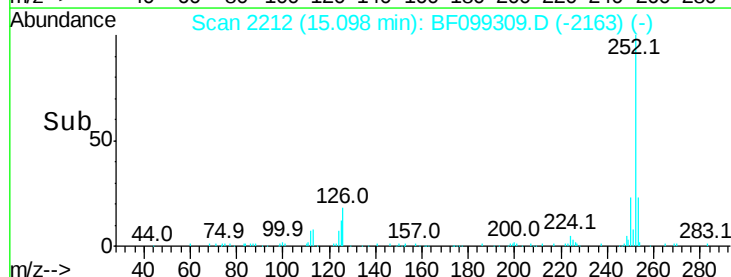
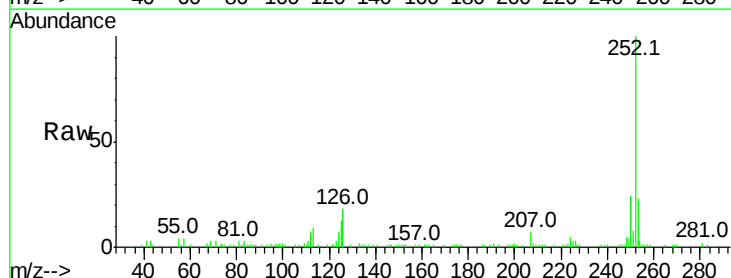
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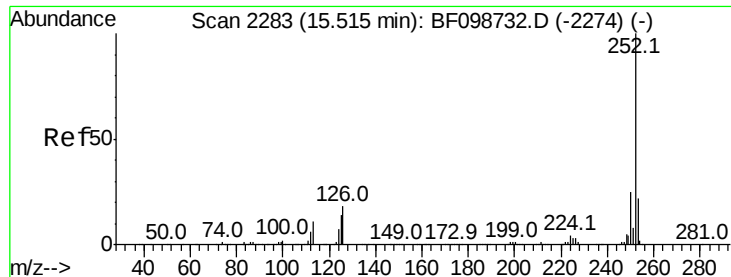
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#88
Benzo(k)fluoranthene
Concen: 3.810 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	13.0	10.2	15.2





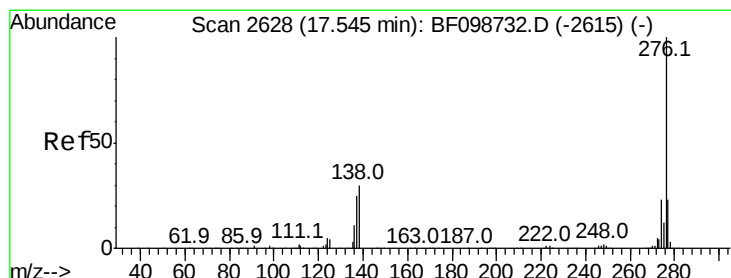
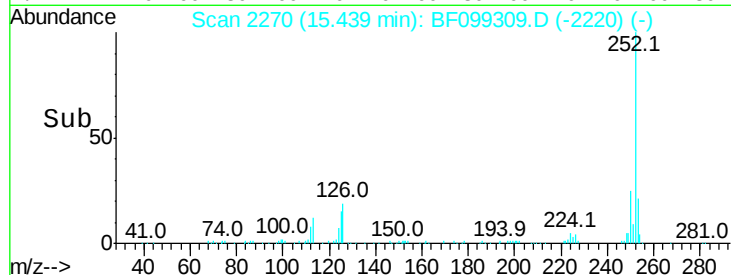
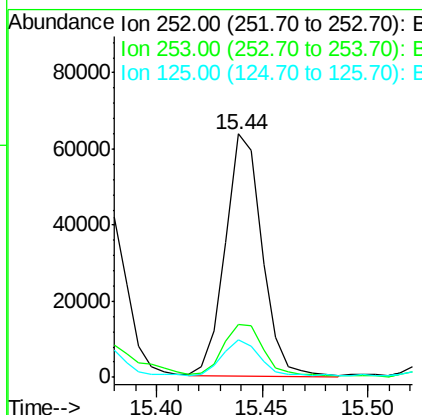
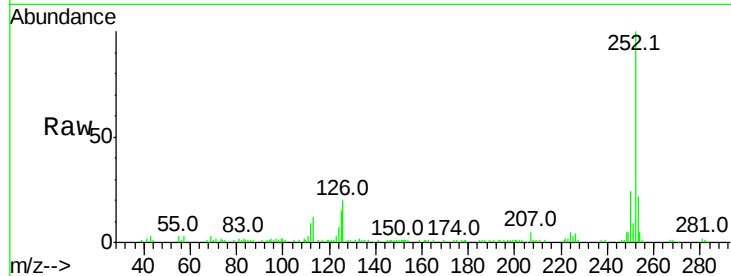
#89
Benzo(a)pyrene
Concen: 9.272 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	15.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.783 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF099309.D
Acq: 10 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	36.0	21.8	32.8

