

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101099.D
 Acq On : 4 Dec 2017 15:49
 Operator : SJ/JU
 Sample : I6308-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-120117

Manual Integrations
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Sohil
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Quant Time: Dec 04 16:20:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54254	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	204113	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92641	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	145783	20.00	ng	0.00
75) Chrysene-d12	14.02	240	127581	20.00	ng	0.00
86) Perylene-d12	15.50	264	105169	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	367326	111.88	ng	0.01
7) Phenol-d6	6.49	99	430296	107.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	267148	78.08	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	101367	91.09	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	531370	78.48	ng	0.00
78) Terphenyl-d14	12.96	244	382358	65.55	ng	0.00
Target Compounds						
10) Phenol	6.50	94	11421	2.58	ng	Qvalue 96
49) Dimethylphthalate	9.60	163	51396	6.88	ng	# 98
70) Phenanthrene	11.40	178	22689	2.83	ng	98
74) Fluoranthene	12.59	202	38900	4.37	ng	96
77) Pyrene	12.82	202	33940	3.86	ng	99
80) Benzo(a)anthracene	14.01	228	19682	2.44	ng	# 83
82) Chrysene	14.04	228	23096	3.09	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	30927m	4.91	ng	
89) Benzo(a)pyrene	15.44	252	19052	3.33	ng	# 77
91) Benzo(g,h,i)perylene	17.45	276	11137	2.34	ng	# 91

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

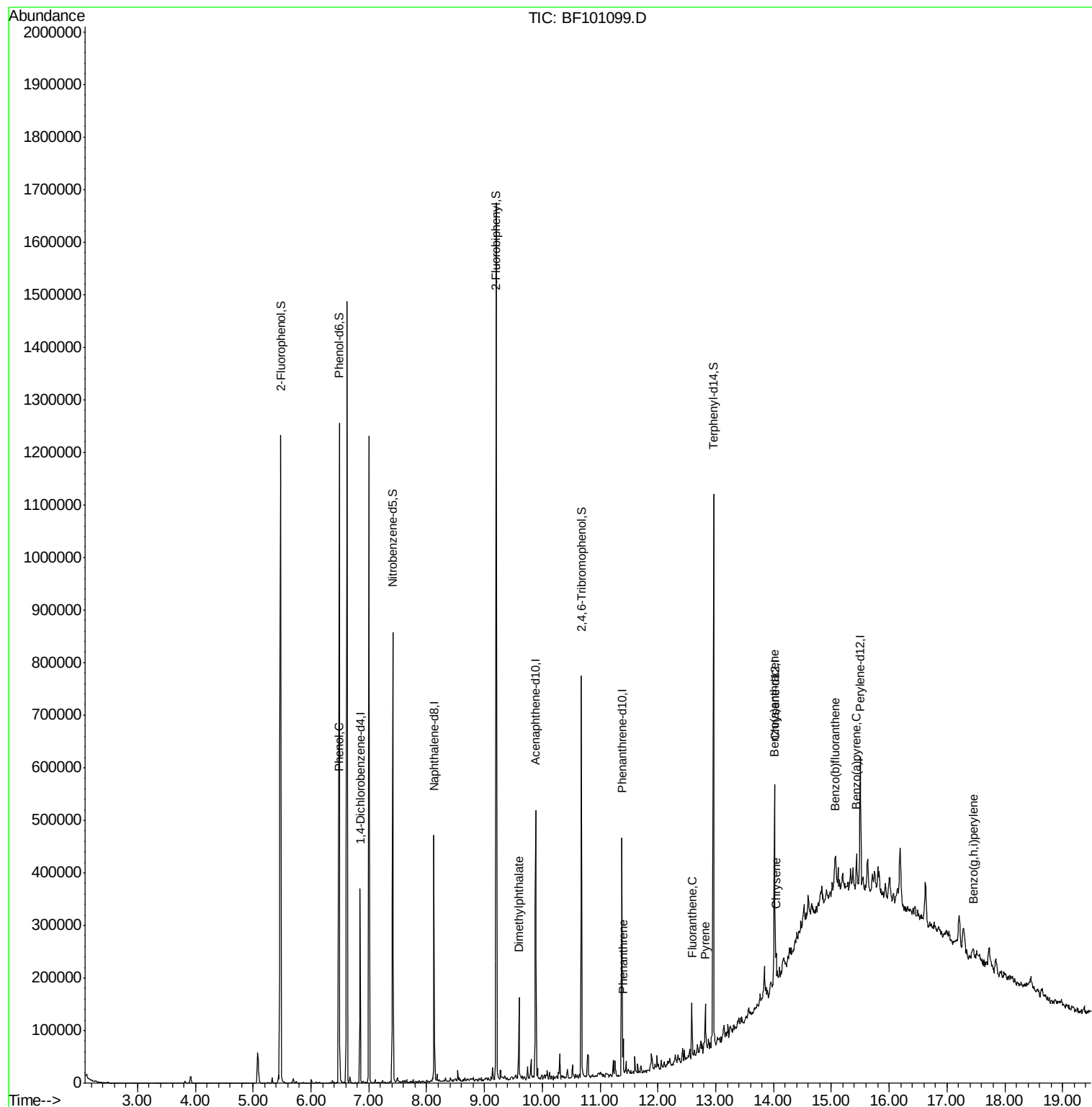
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101099.D
Acq On : 4 Dec 2017 15:49
Operator : SJ/JU
Sample : I6308-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

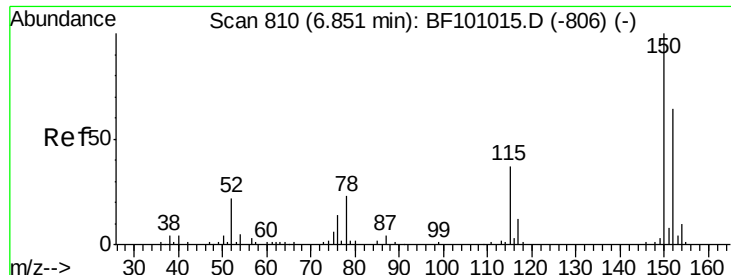
Instrument :
BNA_F
ClientSampleId :
SA-06-120117

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Quant Time: Dec 04 16:20:51 2017
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#1

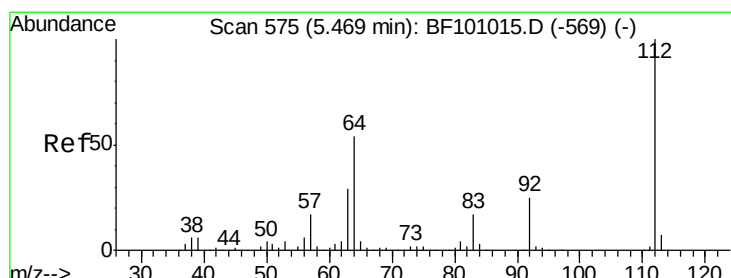
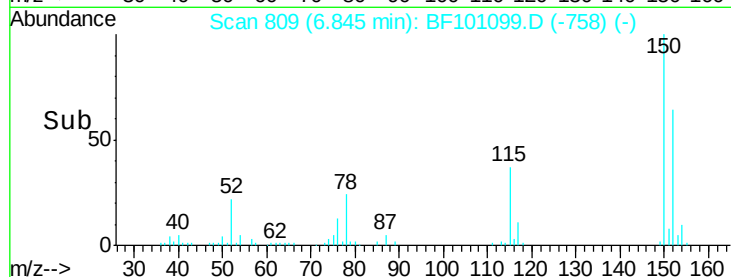
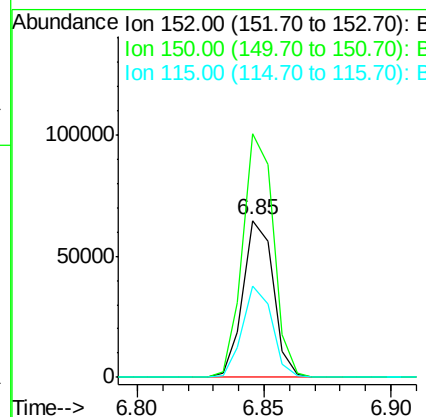
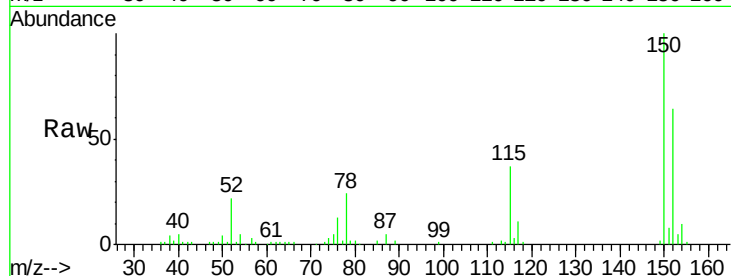
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampled :
SA-06-120117

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.2	50.1	75.1

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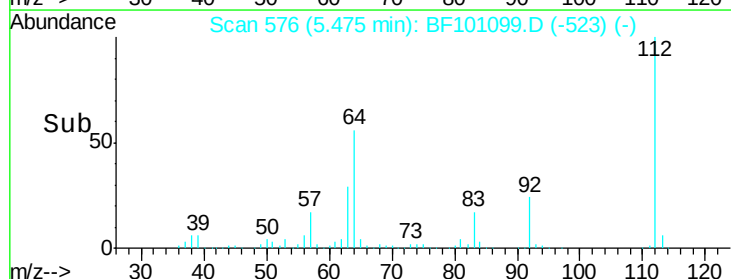
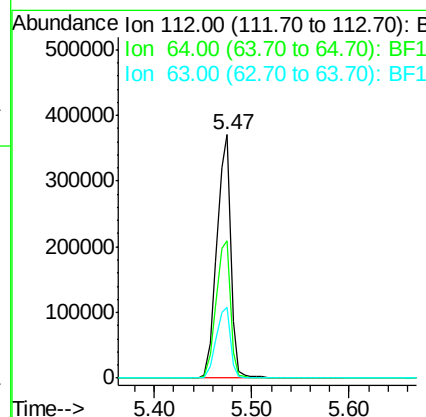
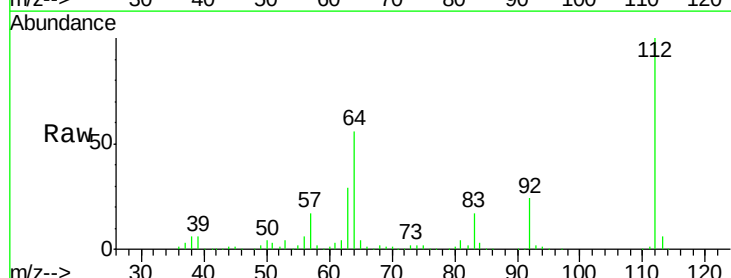
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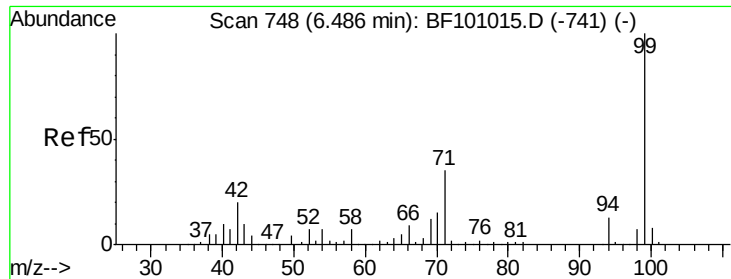


#5

2-Fluorophenol
Concen: 111.88 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 107.95 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Instrument :

BNA_F

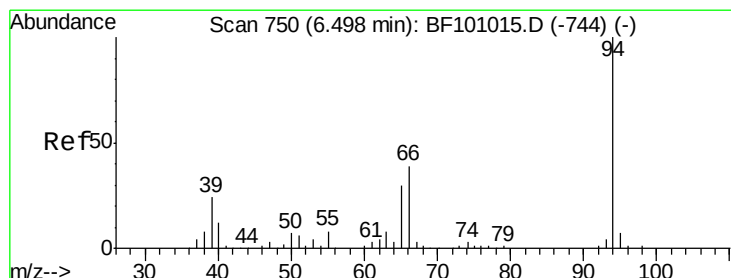
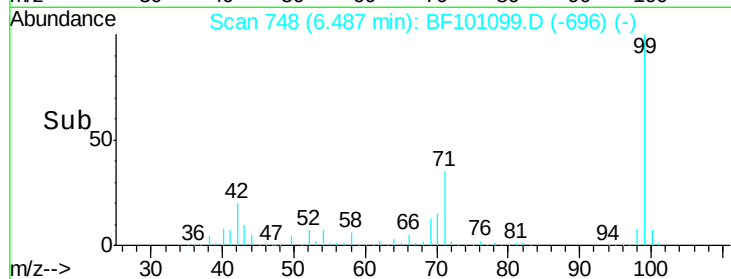
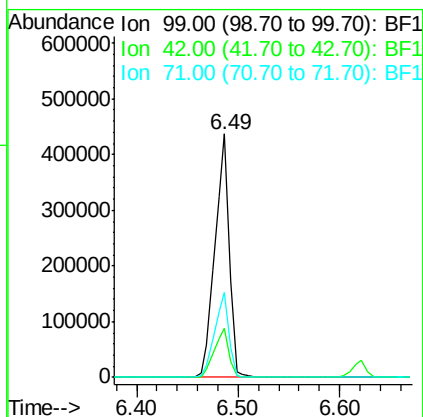
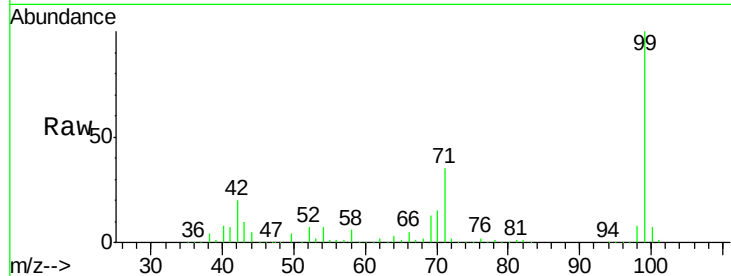
ClientSampled :

SA-06-120117

Tot Ion:	99	Resp:	430296
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	34.7	25.4	38.0

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#10

Phenol

Concen: 2.58 ng

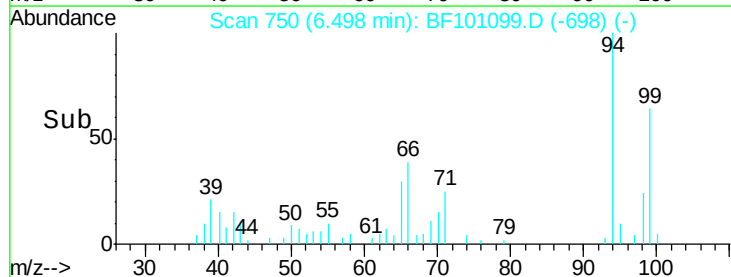
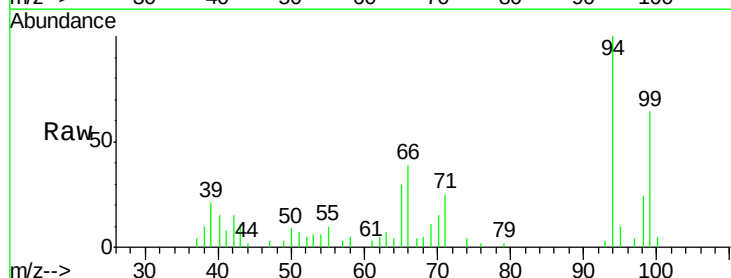
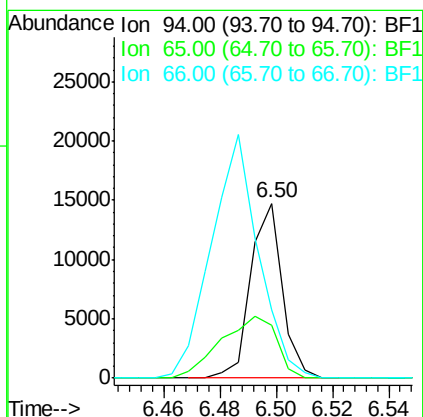
RT: 6.50 min Scan# 750

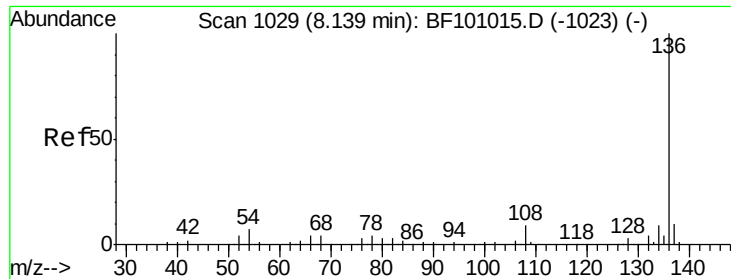
Delta R.T. 0.01 min

Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Tgt Ion:	94	Resp:	11421
Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	38.8	16.2	56.2





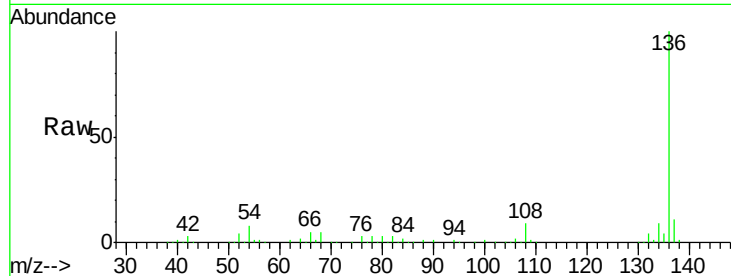
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampleId :
SA-06-120117

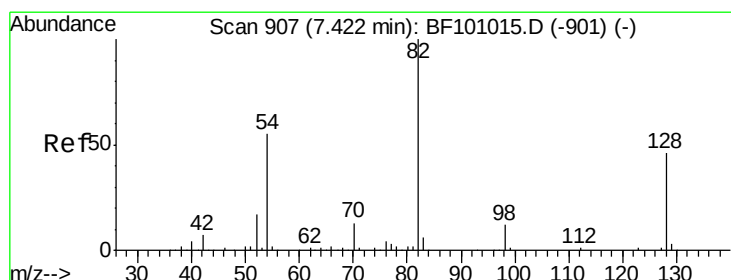
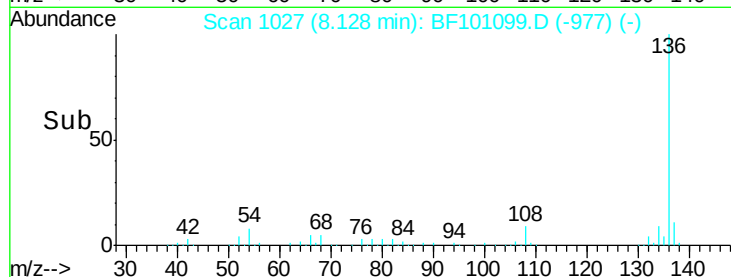
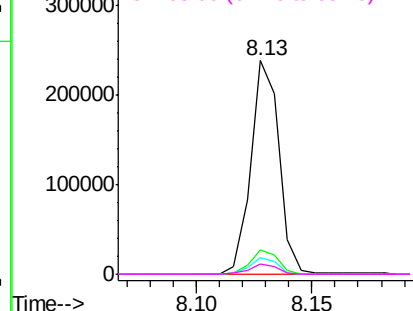
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		204113		
137	11.3		8.9	13.3	
54	8.0		6.6	9.8	
68	5.0		5.0	7.4	

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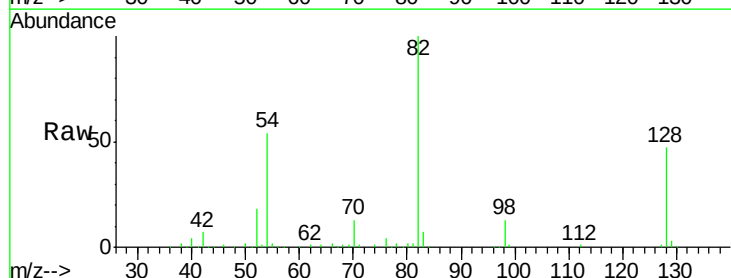


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

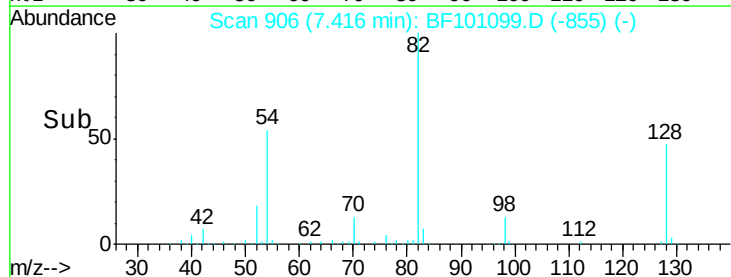
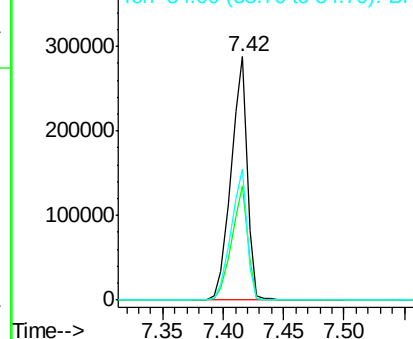


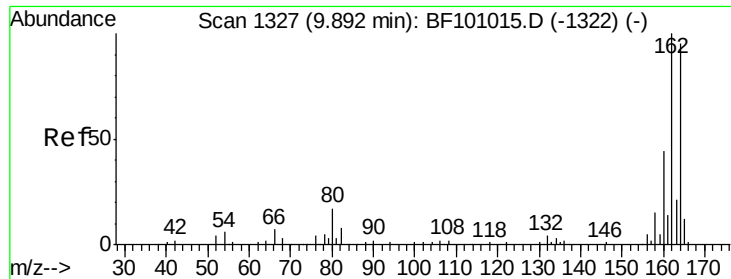
#23
Nitrobenzene-d5
Concen: 78.08 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		267148		
128	47.1		36.1	54.1	
54	53.9		41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





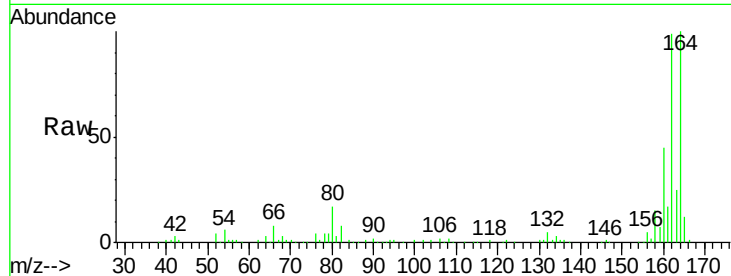
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampleId :
SA-06-120117

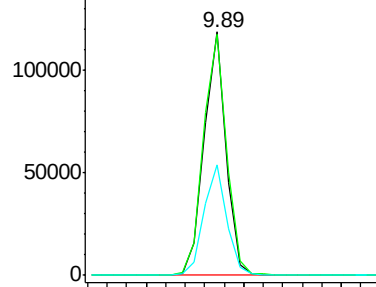
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	86.1	129.1
160	45.3	38.3	57.5

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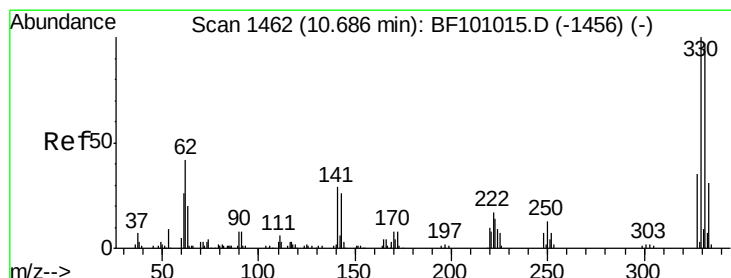
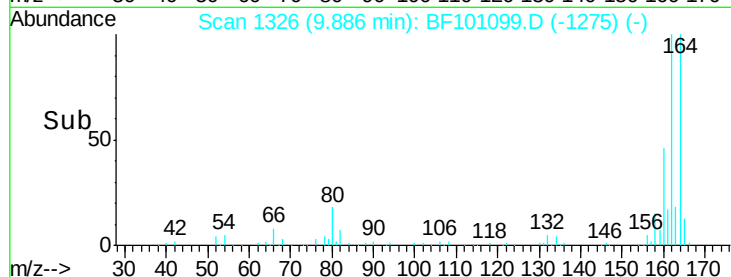
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

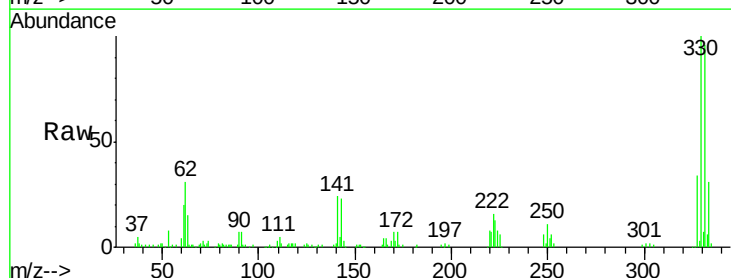


Time-->

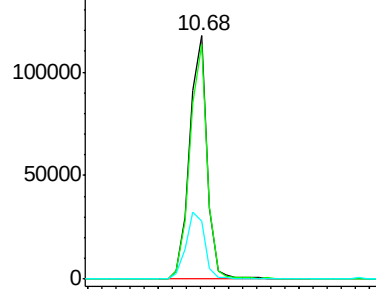


#41
2,4,6-Tribromophenol
Concen: 91.09 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

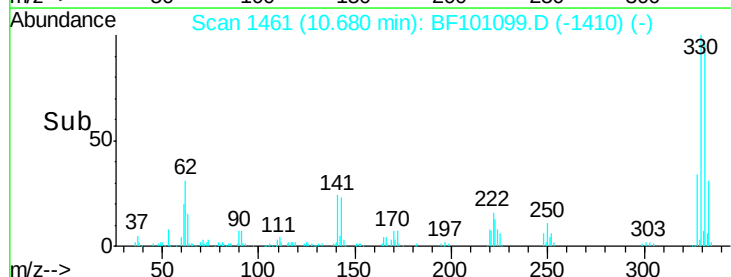
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.0	29.9	44.9

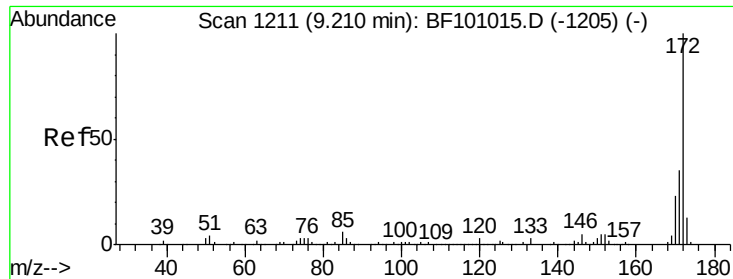


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->





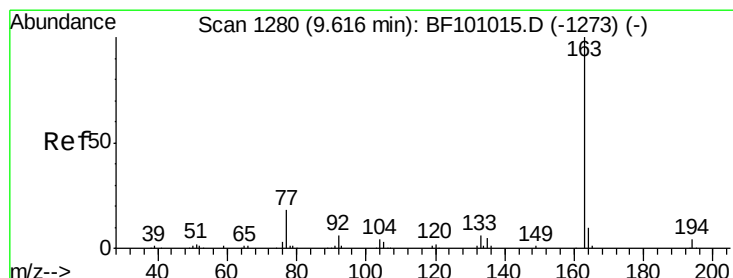
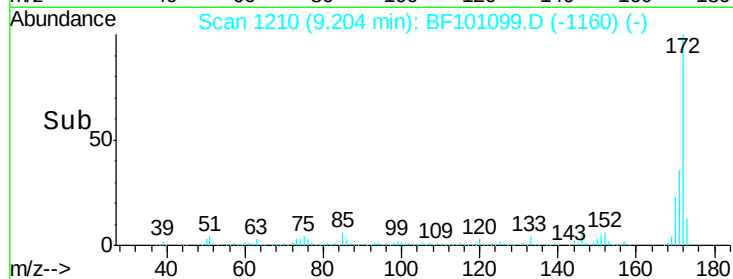
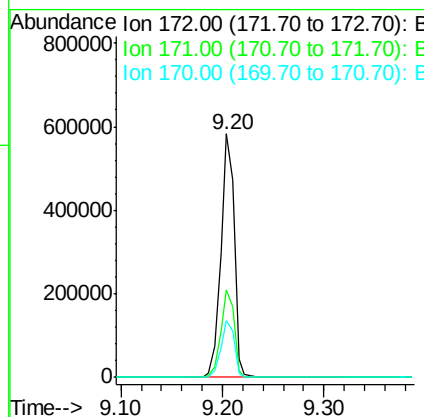
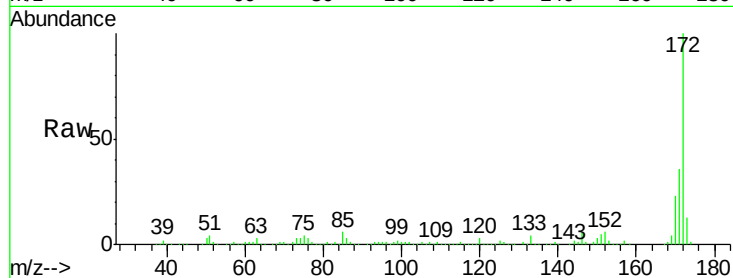
#44
2-Fluorobiphenyl
Concen: 78.48 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampleId :
SA-06-120117

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	23.4	19.6	29.4	

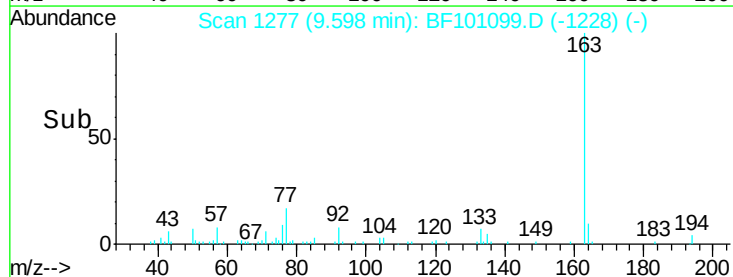
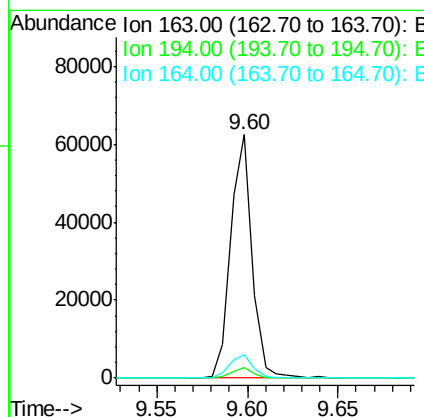
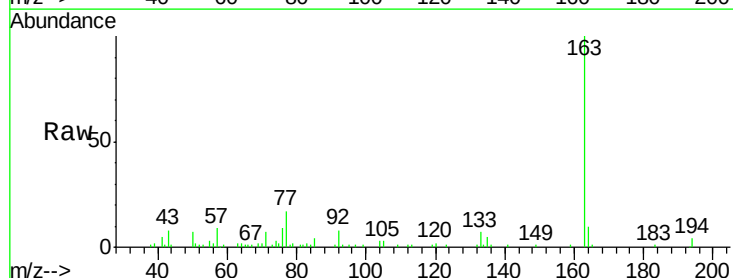
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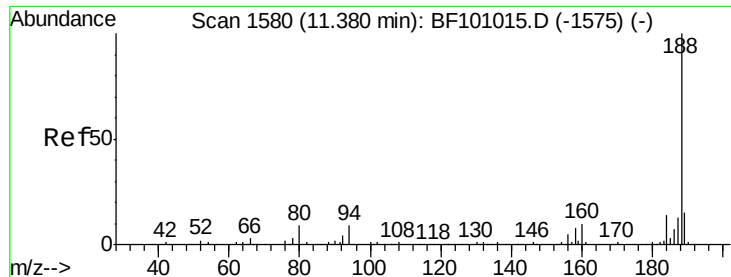
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#49
Dimethylphthalate
Concen: 6.88 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	9.6	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Instrument :

BNA_F

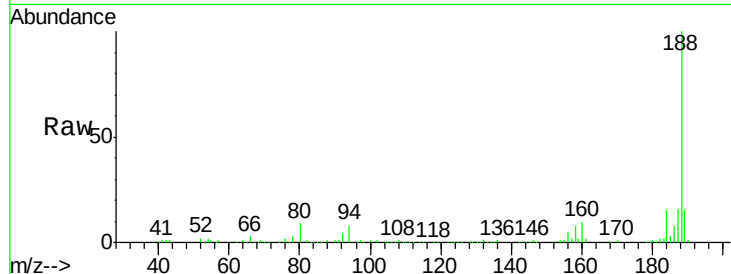
ClientSampleId :

SA-06-120117

Tot Ion:	188	Resp:	145783
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.5	12.7#
80	9.3	9.2	13.8

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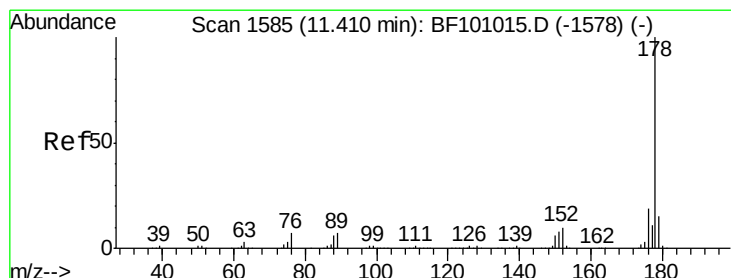
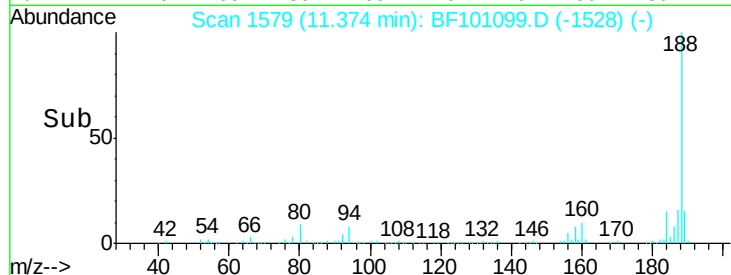
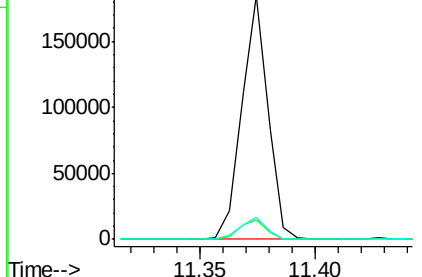
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 2.83 ng

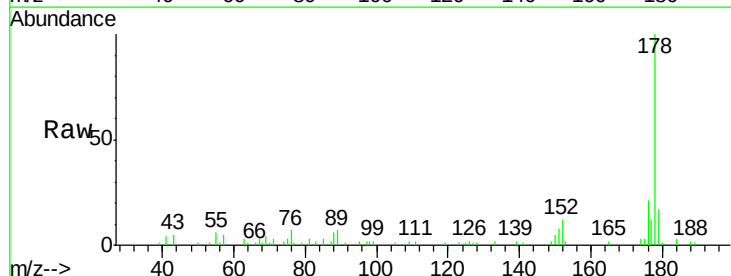
RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

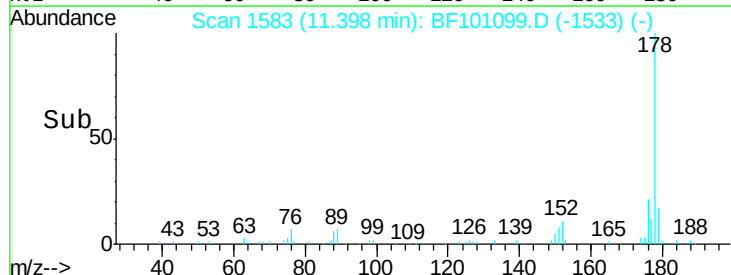
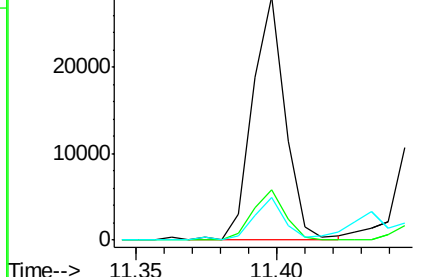
Tgt Ion:	178	Resp:	22689
Ion Ratio	Lower	Upper	
178	100		
176	20.7	15.8	23.8
179	17.4	13.0	19.6

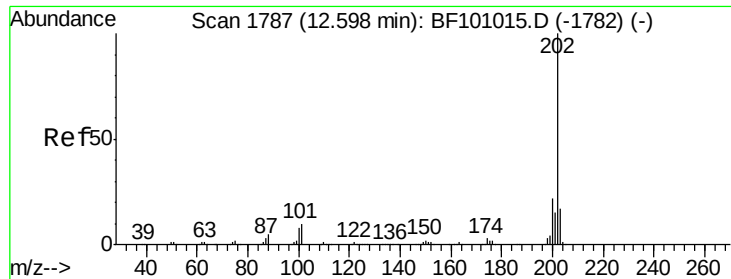


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.37 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Instrument :

BNA_F

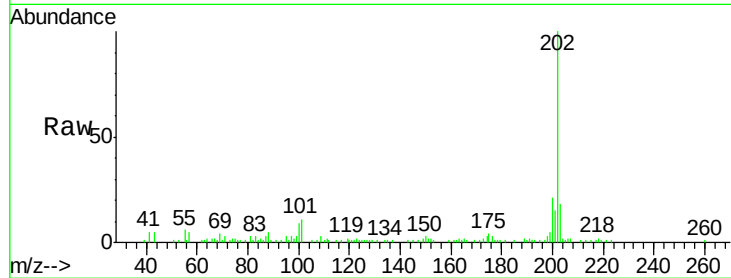
ClientSampleId :

SA-06-120117

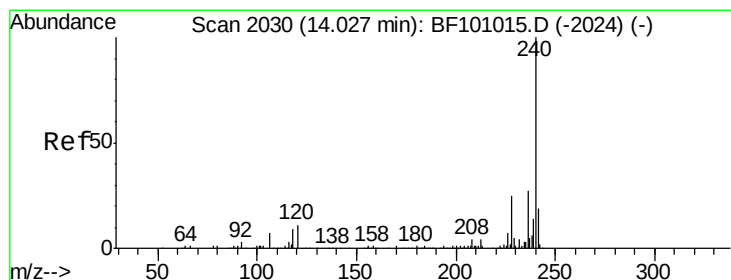
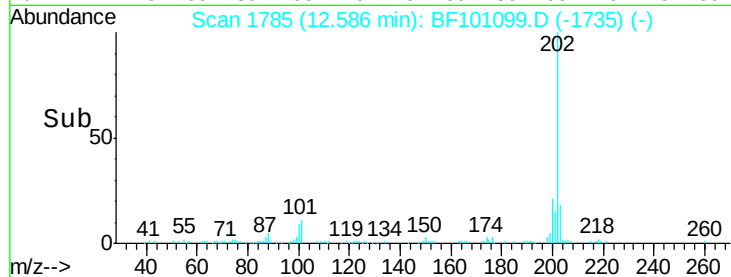
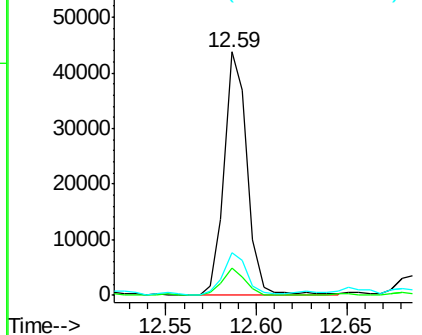
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		38900		
101	11.2	0.0	34.1		
203	17.6	0.0	38.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

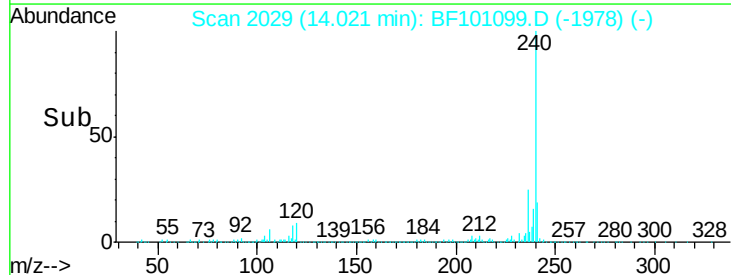
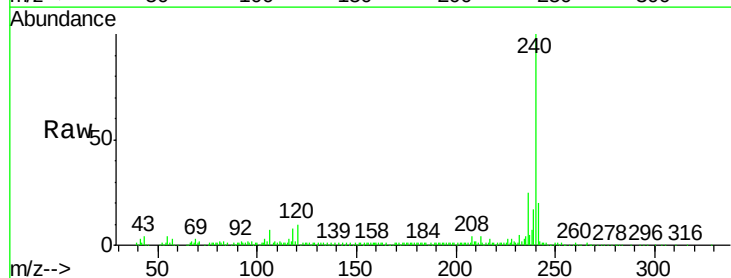
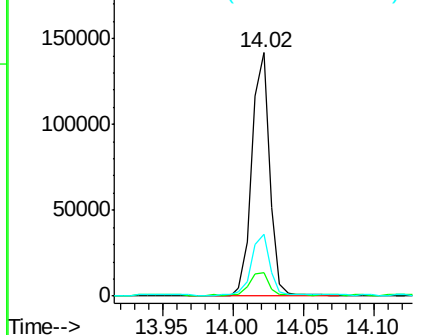
Delta R.T. 0.00 min

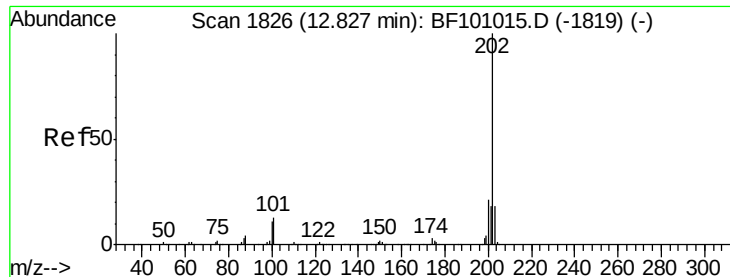
Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		127581		
120	9.5	9.5	14.3		
236	25.3	20.7	31.1		

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





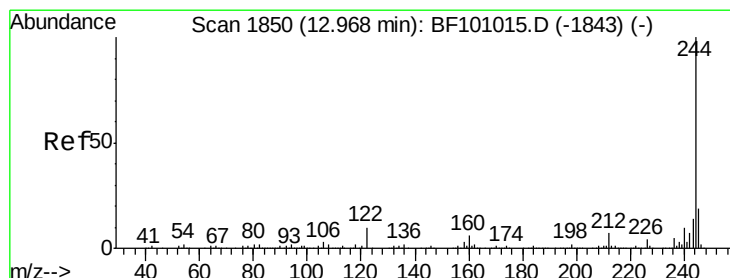
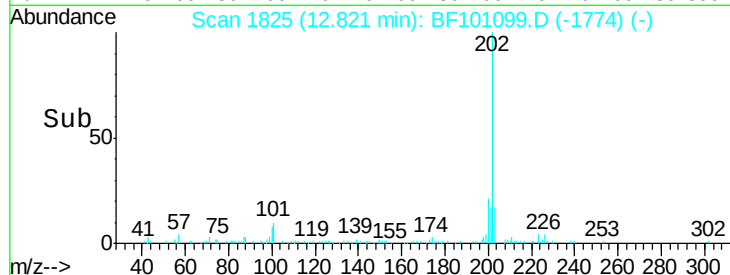
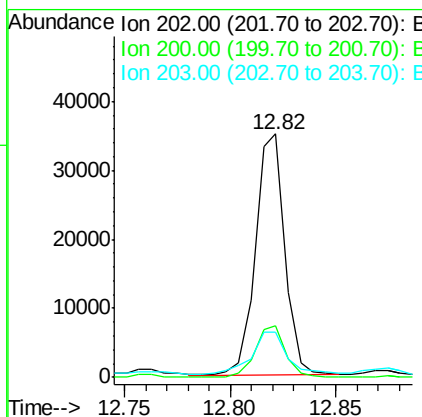
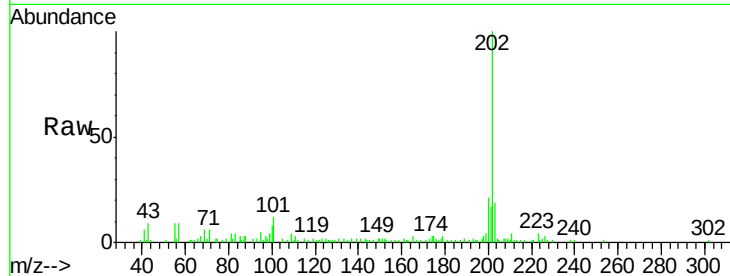
#77
Pvrene
Concen: 3.86 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampleId :
SA-06-120117

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.6	14.3	21.5

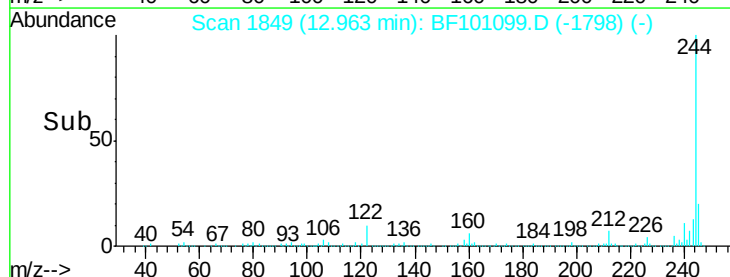
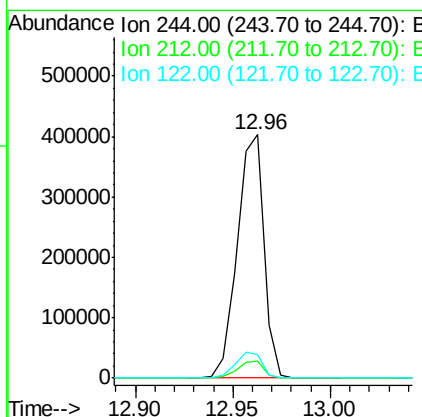
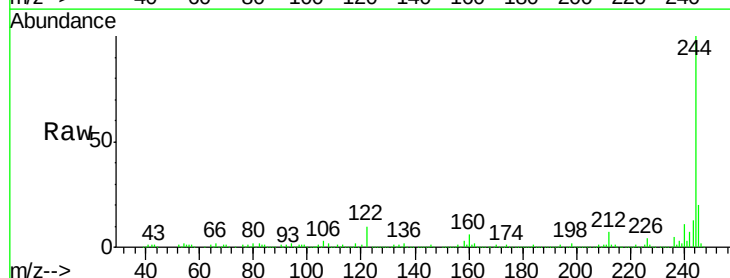
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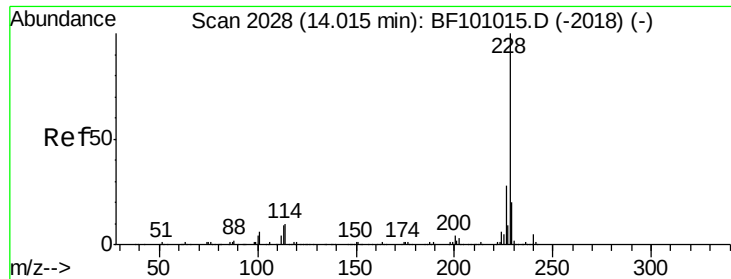
Sohil
12/5/2017 3:24:26 PM



#78
Terphenyl-d14
Concen: 65.55 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.5	11.0	16.4#





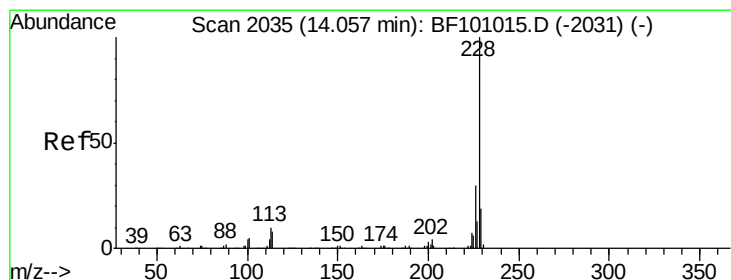
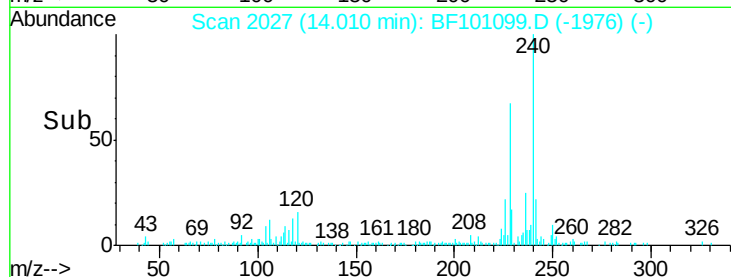
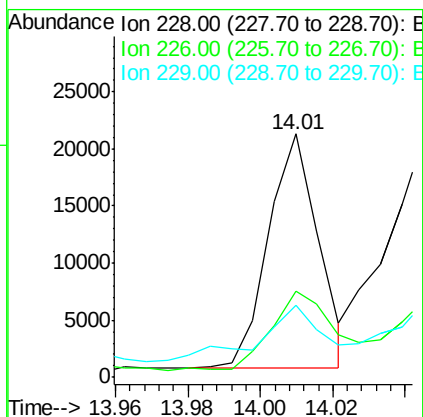
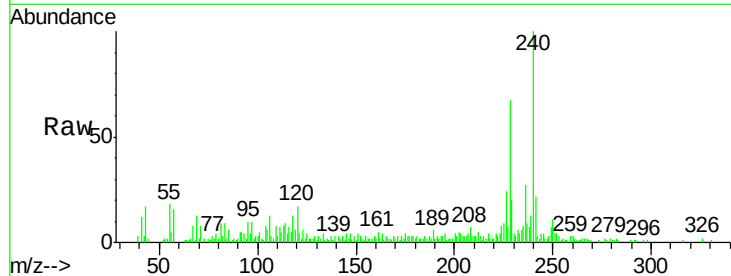
#80
Benzo(a)anthracene
Concen: 2.44 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampleId :
SA-06-120117

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.6	33.8#
229	29.9	15.8	23.6#

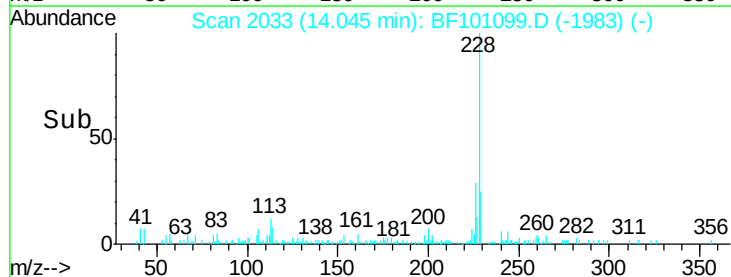
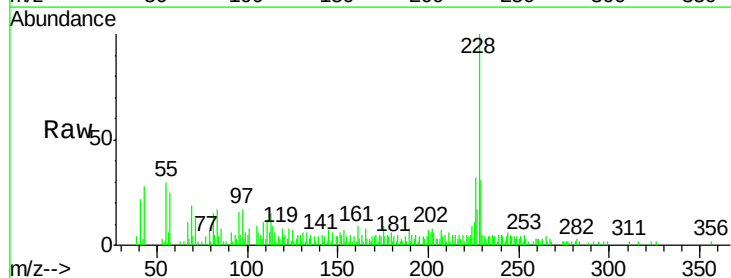
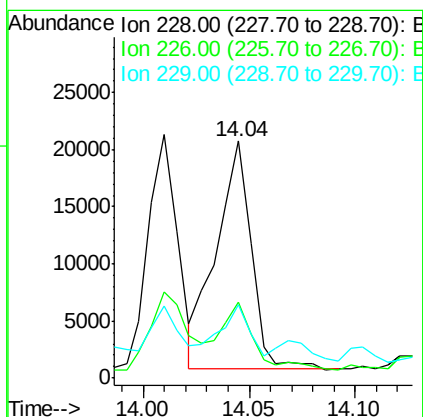
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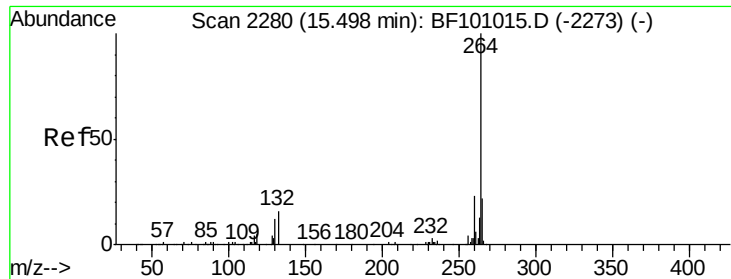
Sohil
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#82
Chrysene
Concen: 3.09 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	30.7	16.2	24.4#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Instrument :

BNA_F

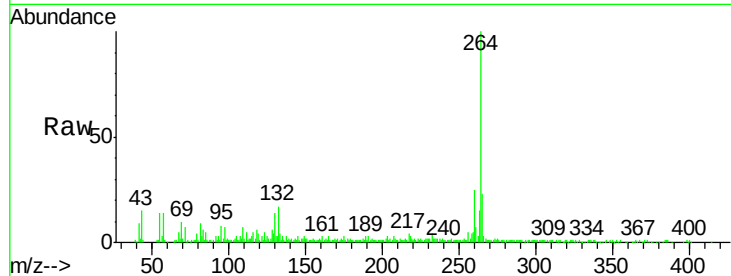
ClientSampleId :

SA-06-120117

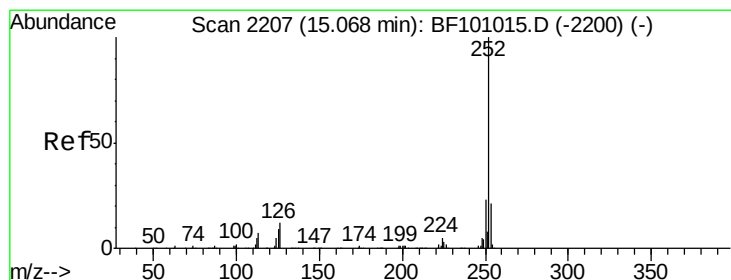
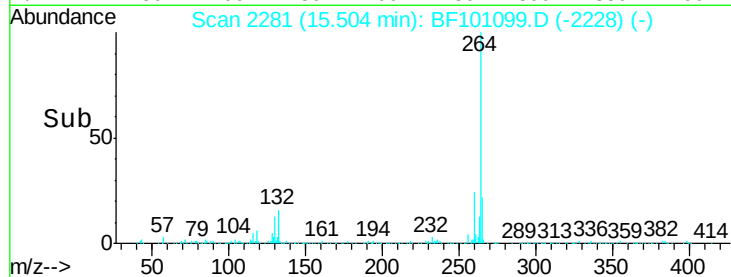
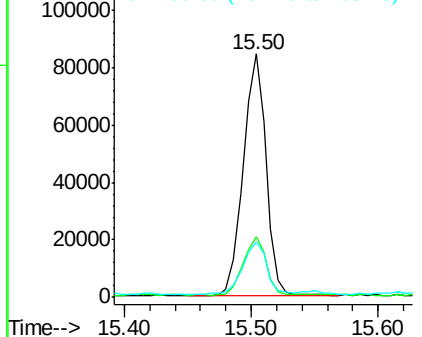
Tot Ion:	264	Resp:	105169
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 4.91 ng m

RT: 15.07 min Scan# 2207

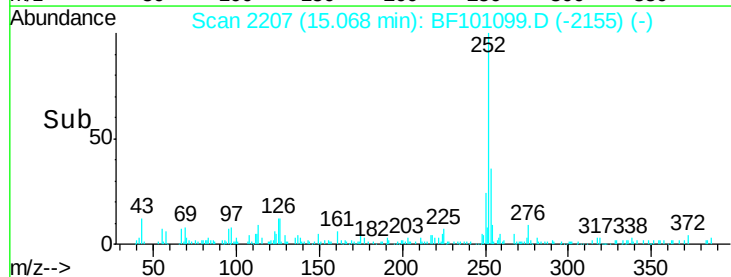
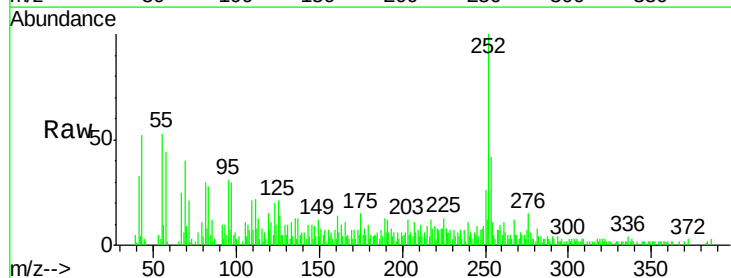
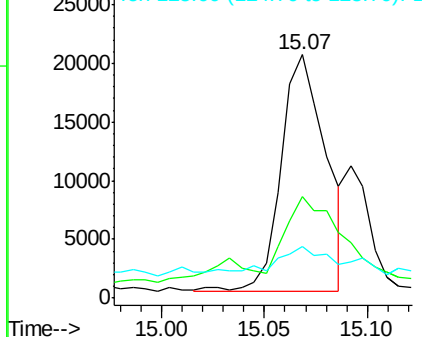
Delta R.T. 0.01 min

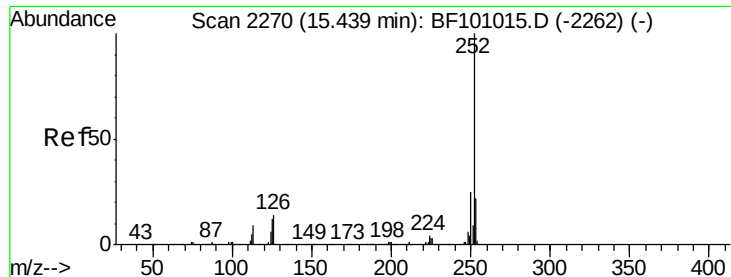
Lab File: BF101099.D

Acq: 4 Dec 2017 15:49

Tgt Ion:	252	Resp:	30927
Ion Ratio		Lower	Upper
252	100		
253	41.5	17.0	25.6#
125	21.4	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





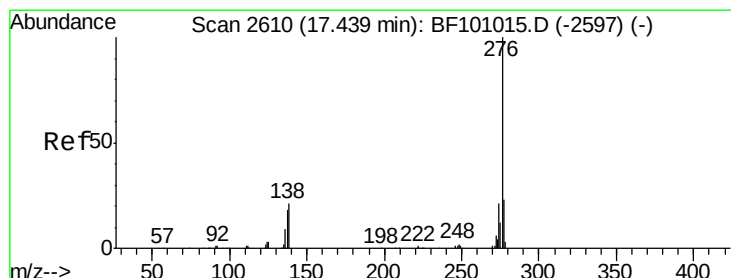
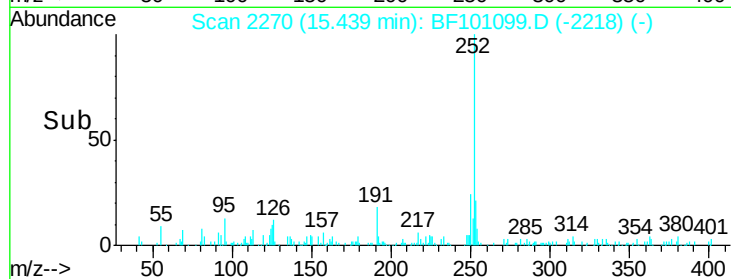
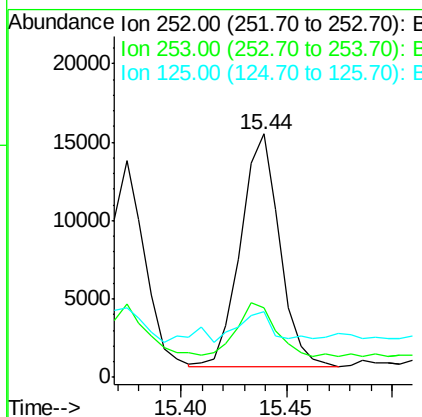
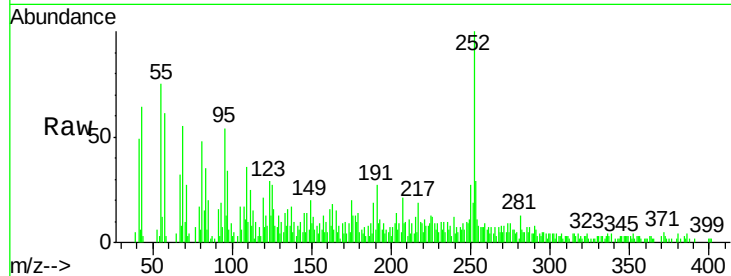
#89
Benzo(a)pyrene
Concen: 3.33 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Instrument :
BNA_F
ClientSampleId :
SA-06-120117

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.1	25.7#
125	27.1	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 2.34 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.02 min
Lab File: BF101099.D
Acq: 4 Dec 2017 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.7	17.9	26.9#
138	28.2	21.8	32.8

