

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109403.D
 Acq On : 27 Sep 2018 22:21
 Operator : JU/SJ
 Sample : J5096-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MT-T-5-2

Manual Integrations
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 9/28/2018 2:40:29 PM

Quant Time: Sep 28 05:48:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	119779	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445028	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	187202	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	302385	20.00	ng	0.00
75) Chrysene-d12	13.84	240	280460	20.00	ng	0.00
86) Perylene-d12	15.24	264	203722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	645062	88.70	ng	0.00
7) Phenol-d6	6.35	99	817830	88.13	ng	0.00
23) Nitrobenzene-d5	7.27	82	528423	70.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	167621	90.83	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	860574	69.33	ng	-0.01
78) Terphenyl-d14	12.80	244	621412	54.38	ng	0.00
Target Compounds						
10) Phenol	6.36	94	23193	2.207	ng	Qvalue # 51
49) Dimethylphthalate	9.46	163	277046	20.347	ng	100
70) Phenanthrene	11.24	178	59062	3.912	ng	97
74) Fluoranthene	12.42	202	124352	7.707	ng	93
77) Pyrene	12.64	202	101961	5.073	ng	99
80) Benzo(a)anthracene	13.83	228	51632	3.056	ng	98
82) Chrysene	13.86	228	59408	3.548	ng	96
87) Benzo(b)fluoranthene	14.84	252	59961m	5.356	ng	
89) Benzo(a)pyrene	15.18	252	33160	3.287	ng	# 97
91) Benzo(g,h,i)perylene	16.99	276	18718	2.301	ng	# 91

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

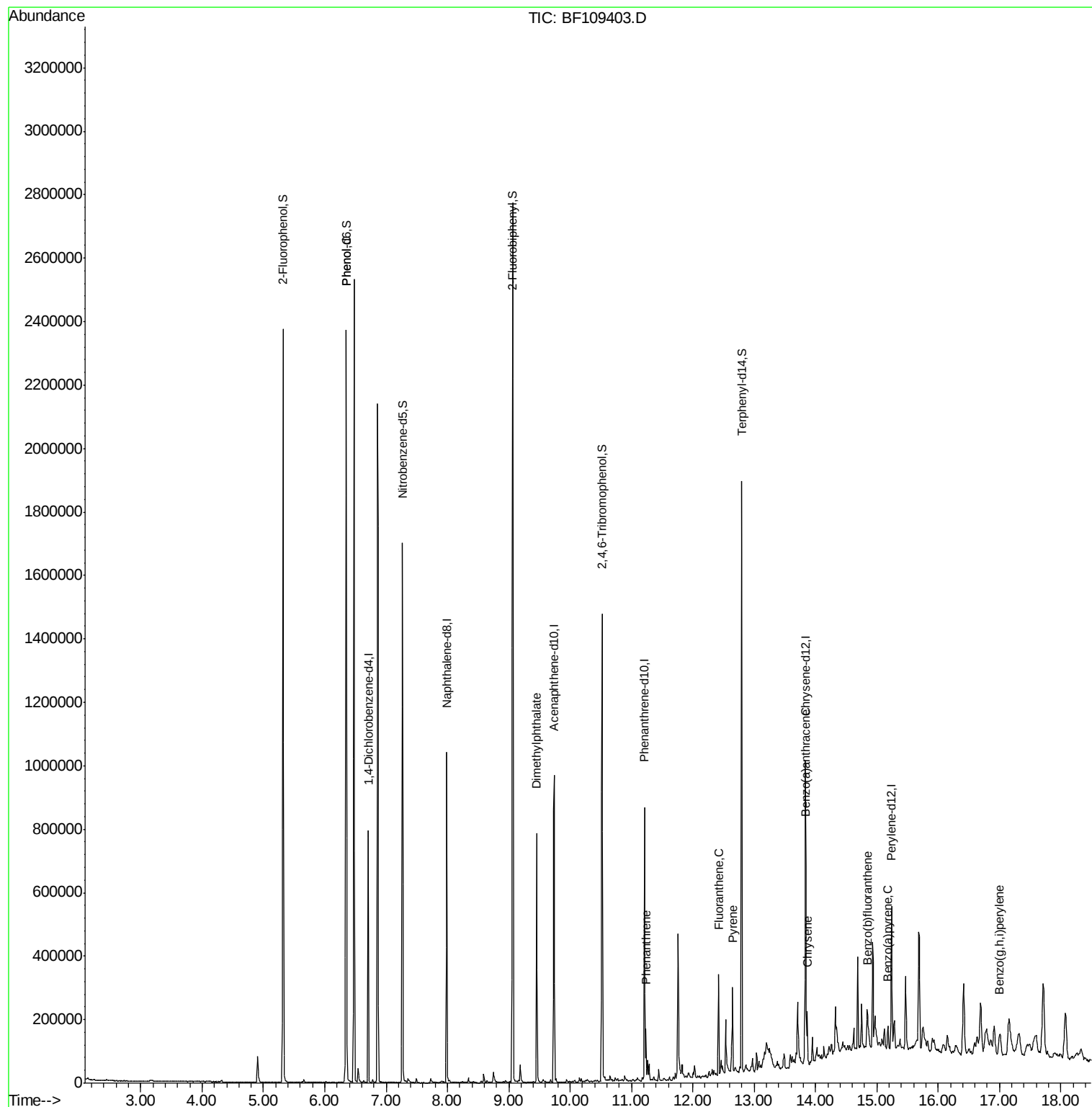
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109403.D
Acq On : 27 Sep 2018 22:21
Operator : JU/SJ
Sample : J5096-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

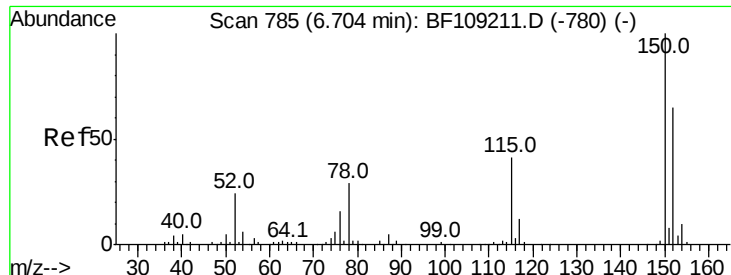
Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

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#1

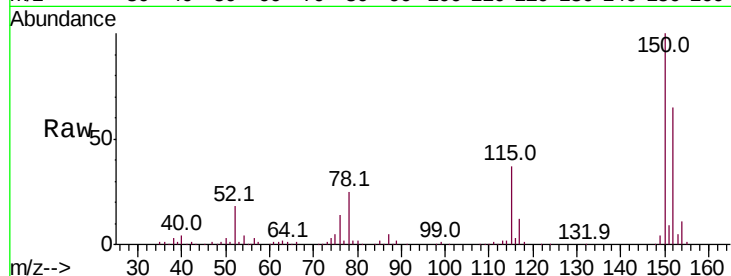
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampled :
MT-T-5-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	57.9	50.1	75.1

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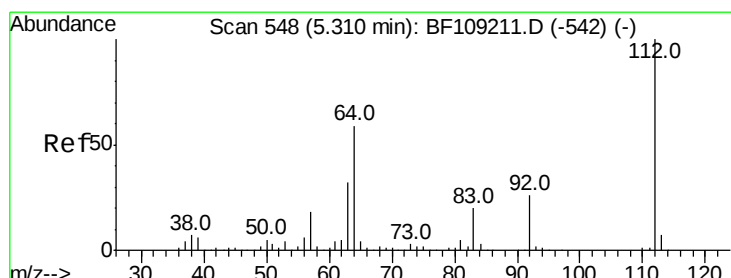
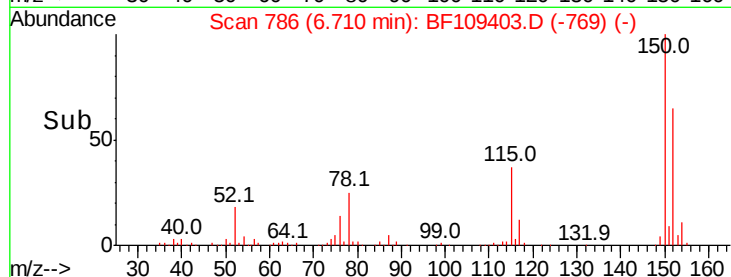
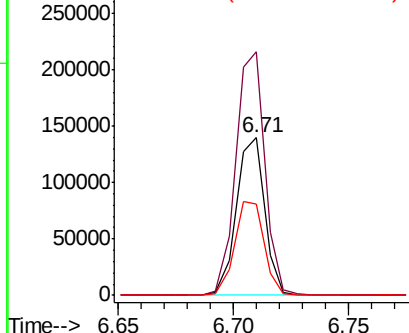


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

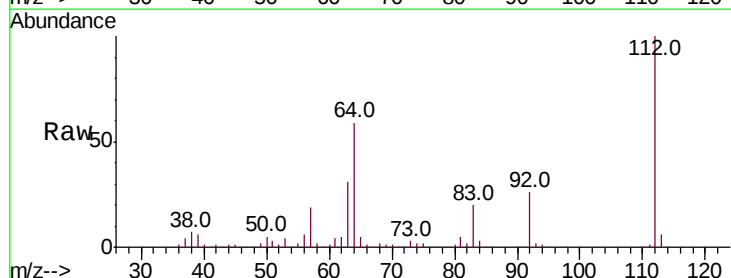
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.702 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.0	23.7	35.5

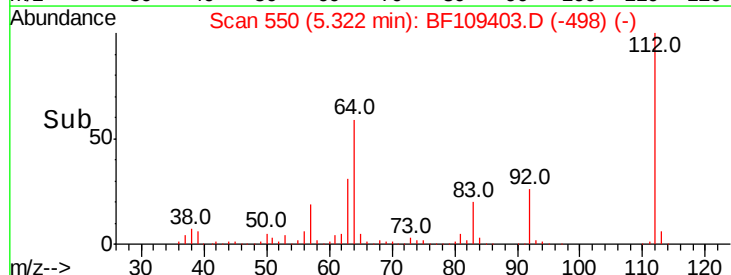
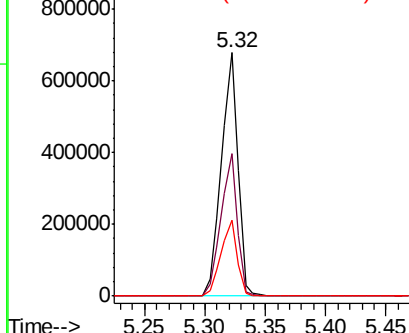


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.132 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109403.D

Acq: 27 Sep 2018 22:21

Instrument :

BNA_F

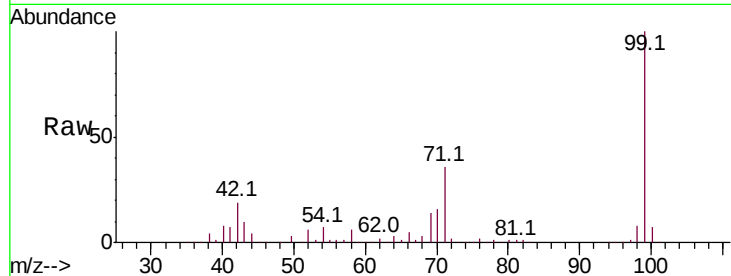
ClientSampled :

MT-T-5-2

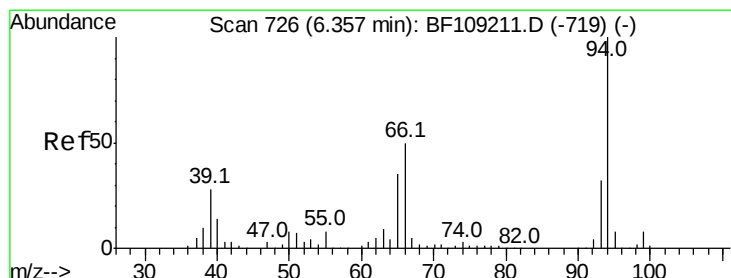
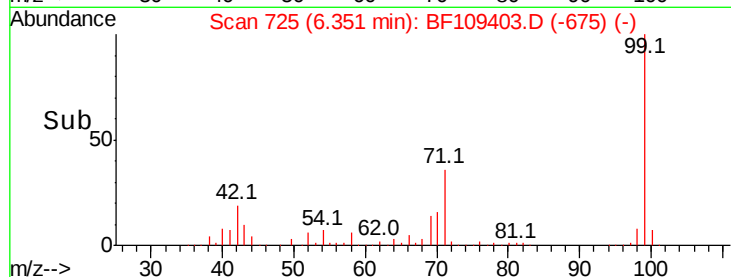
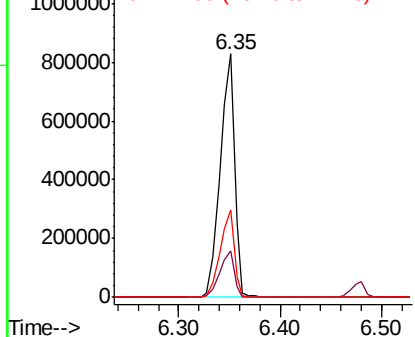
Tot Ion:	99	Resp:	817830
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	35.9	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.207 ng

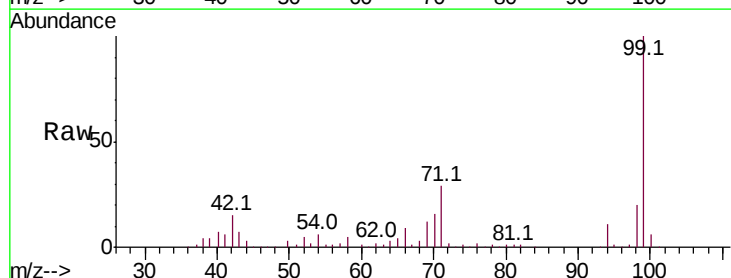
RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

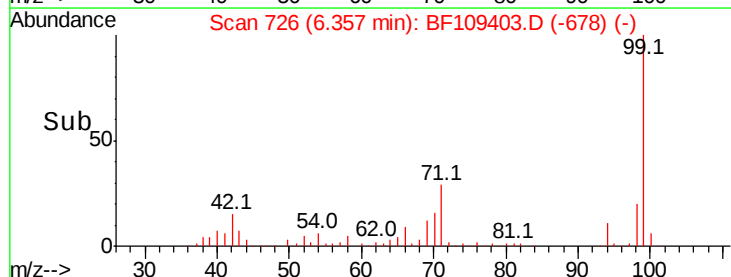
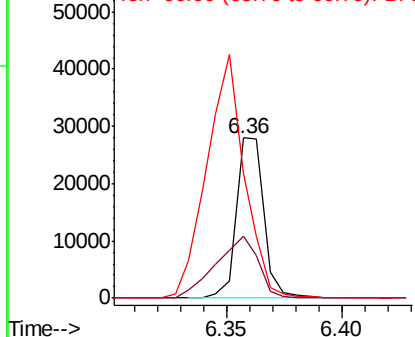
Lab File: BF109403.D

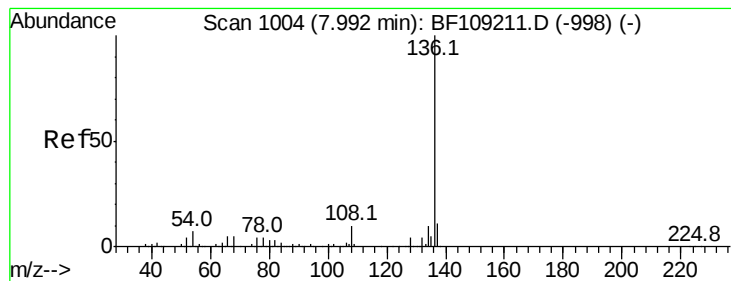
Acq: 27 Sep 2018 22:21

Tgt Ion:	94	Resp:	23193
Ion Ratio	Lower	Upper	
94	100		
65	38.7	7.9	47.9
66	77.6	16.2	56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





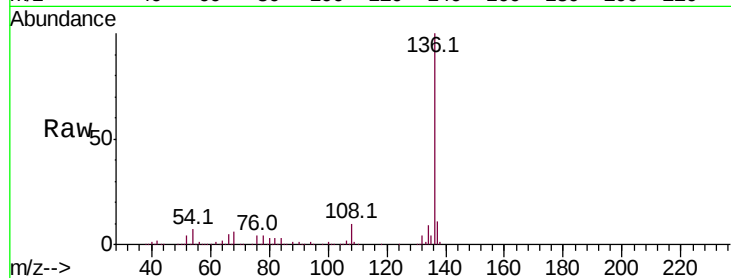
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

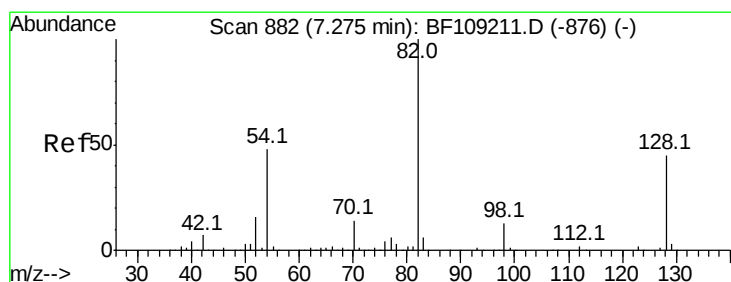
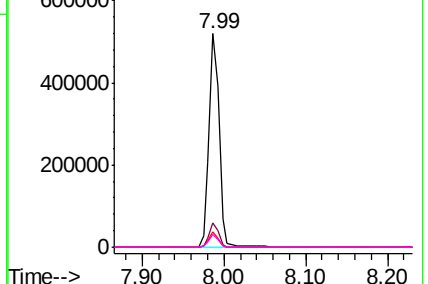
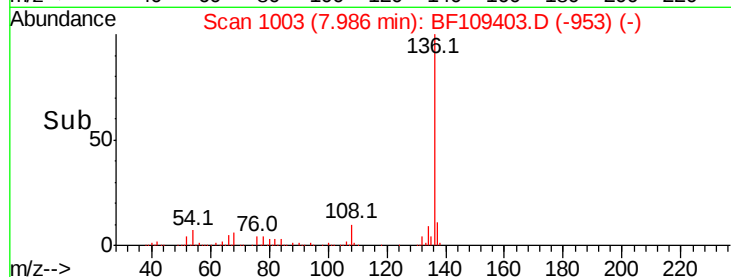
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.2	6.6	9.8	
68	6.0	5.0	7.4	

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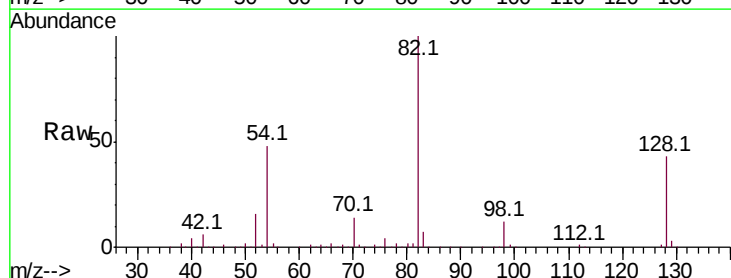


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

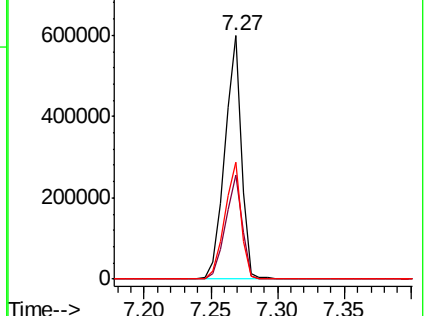
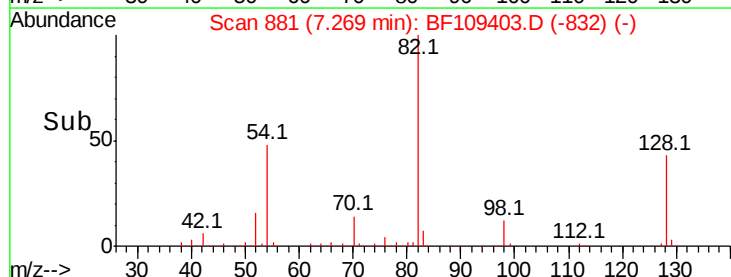


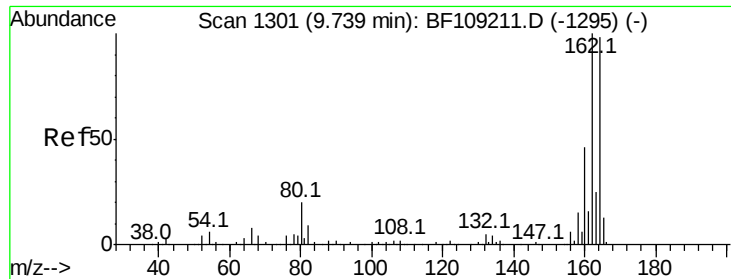
#23
Nitrobenzene-d5
Concen: 70.094 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.8	36.1	54.1	
54	47.8	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





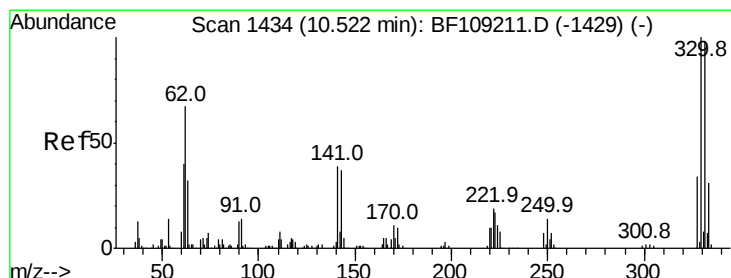
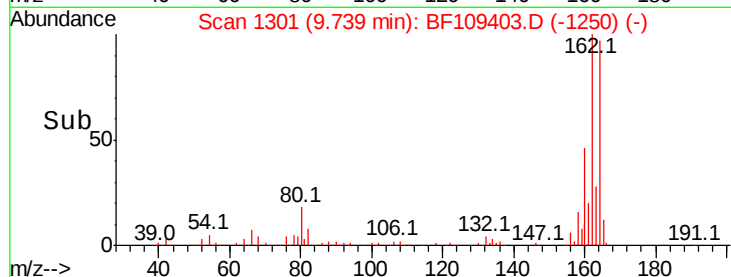
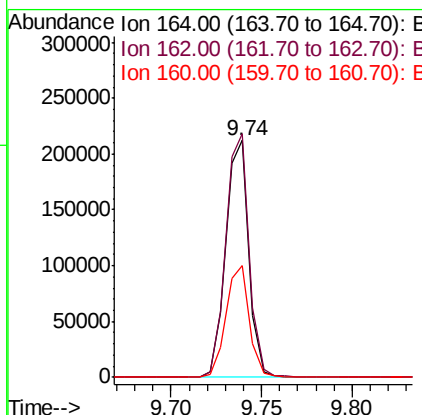
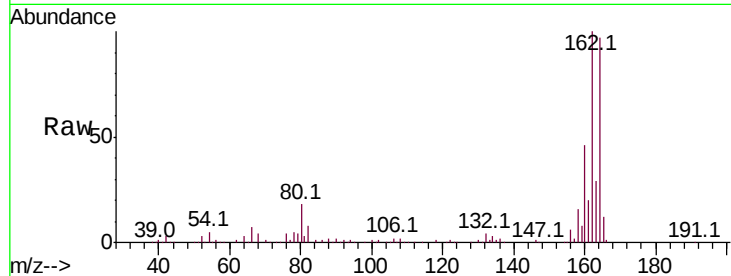
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampled :
MT-T-5-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	86.1	129.1	
160	47.4	38.3	57.5	

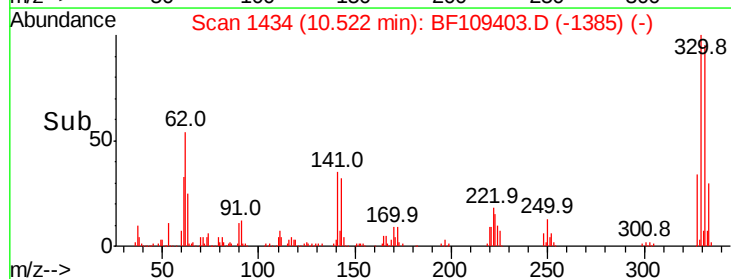
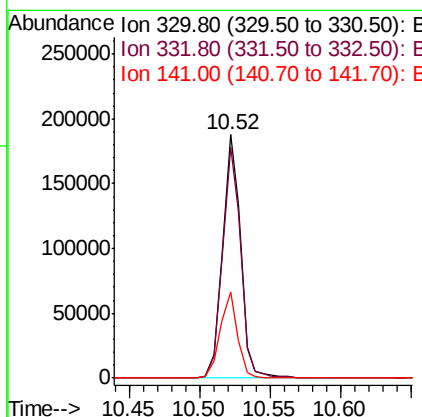
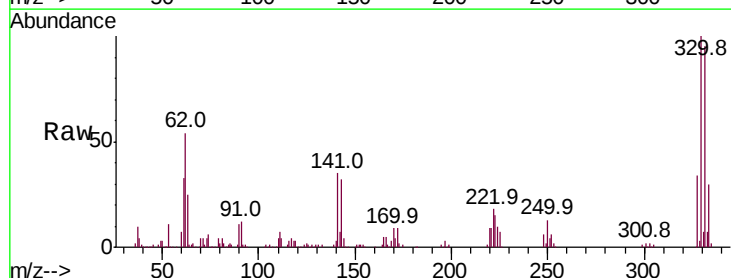
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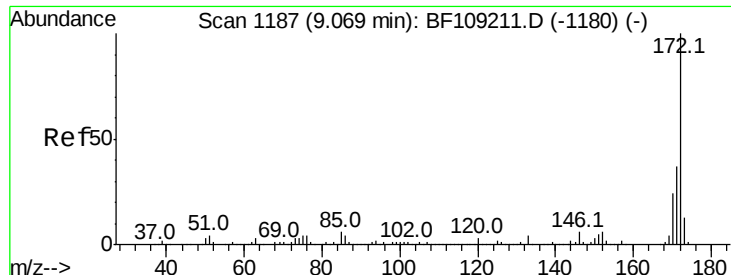
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#41
2,4,6-Tribromophenol
Concen: 90.831 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	33.7	29.9	44.9	





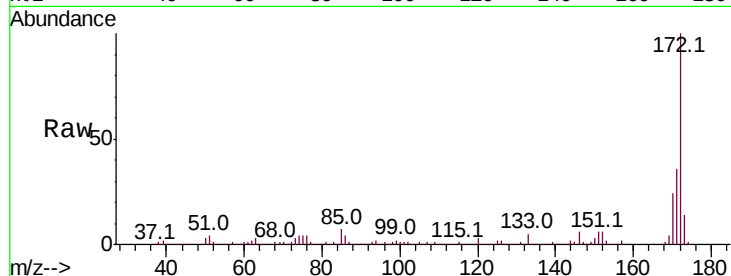
#44
2-Fluorobiphenyl
Concen: 69.332 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.2	19.6	29.4	

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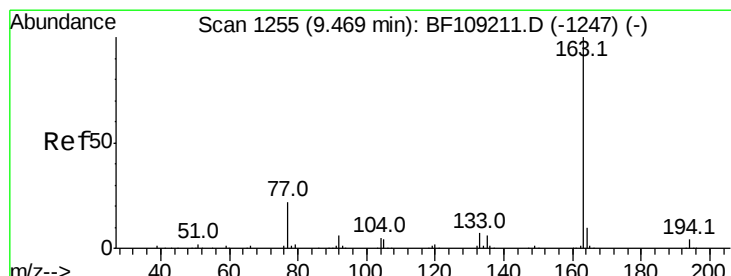
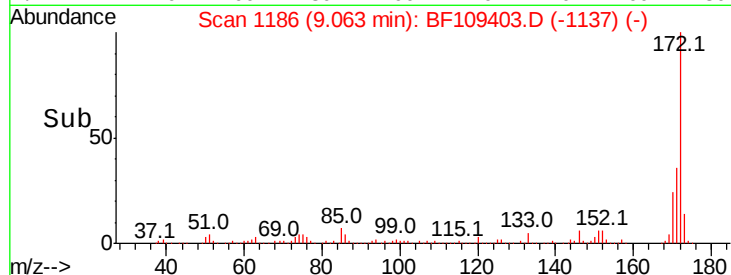
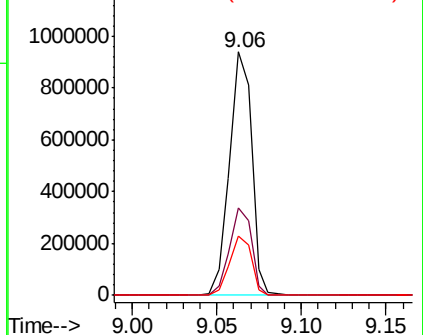


Abundance

Ion 172.00 (171.70 to 172.70): E

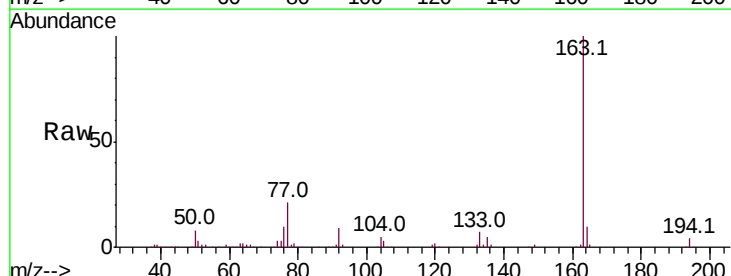
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 20.347 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.3	8.2	12.2	

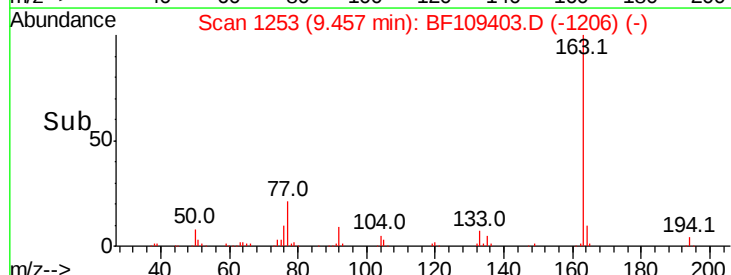
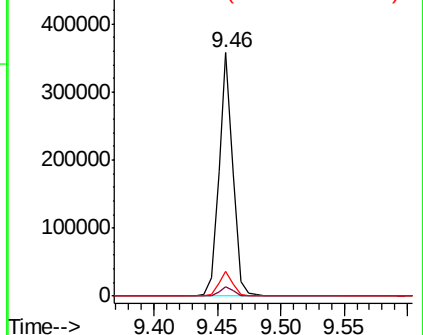


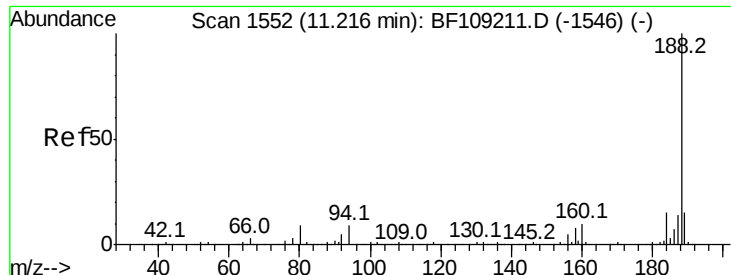
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





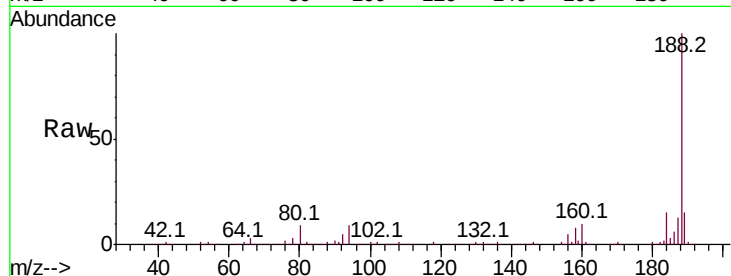
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109403.D
 Acq: 27 Sep 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 MT-T-5-2

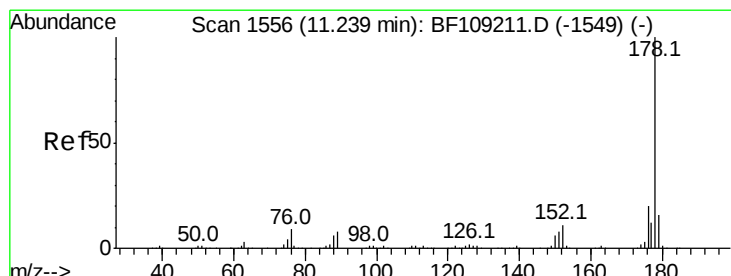
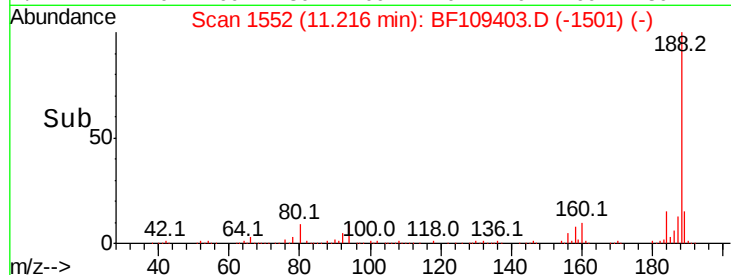
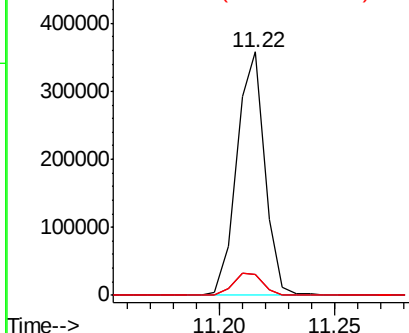
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.8	9.2	13.8#

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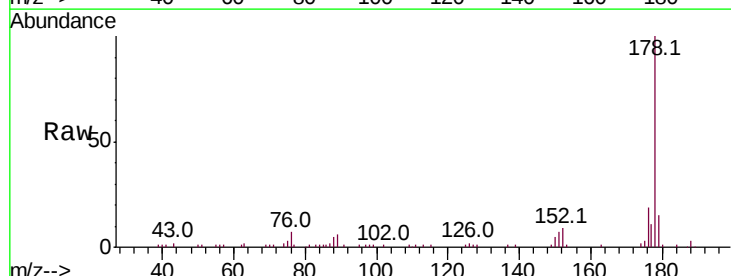


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

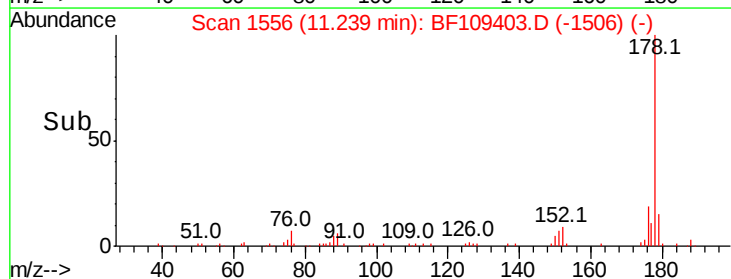
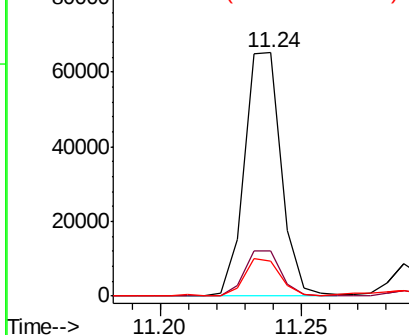


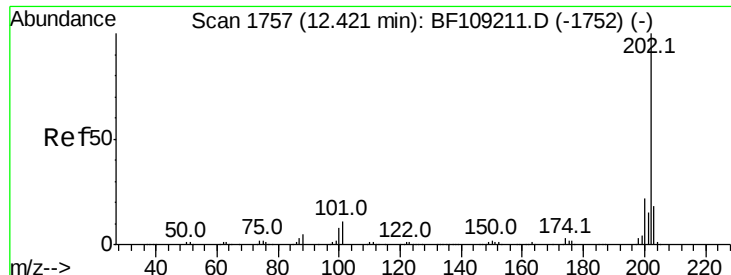
#70
 Phenanthrene
 Concen: 3.912 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109403.D
 Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.6	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: 7.707 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109403.D

Acq: 27 Sep 2018 22:21

Instrument :

BNA_F

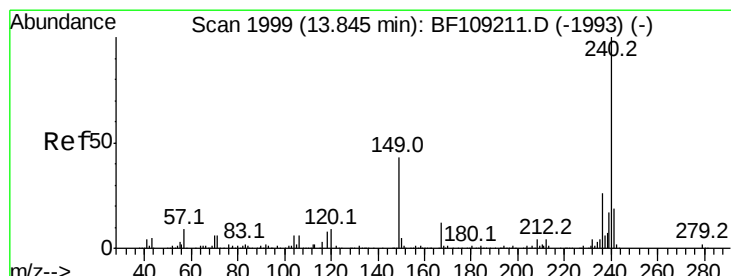
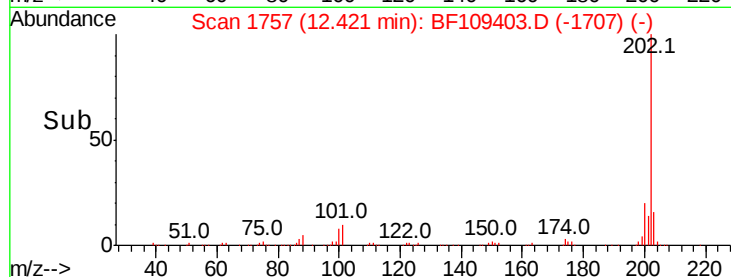
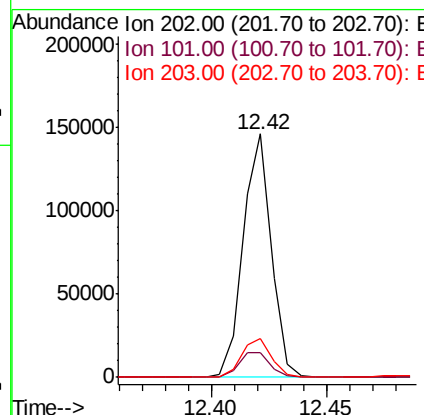
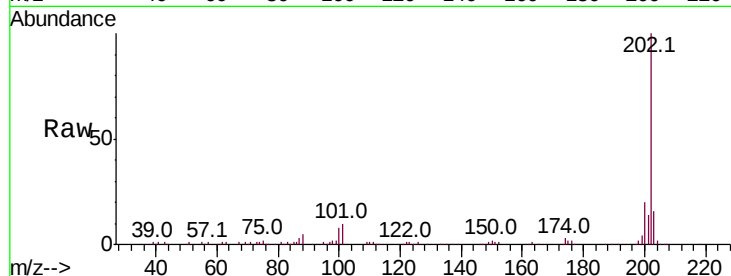
ClientSampled :

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

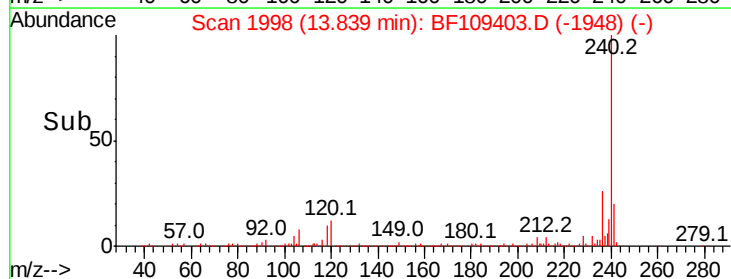
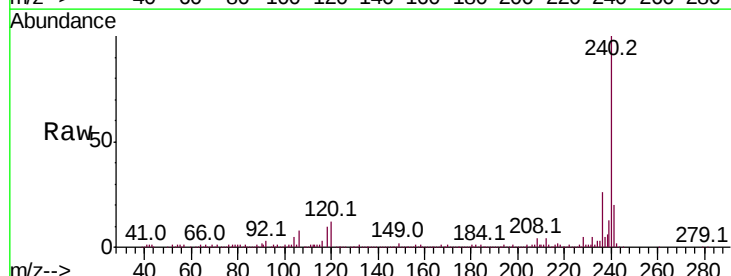
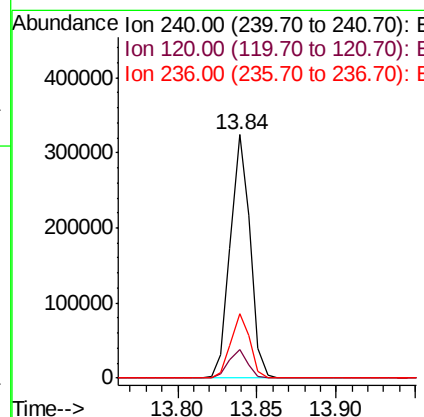
RT: 13.84 min Scan# 1998

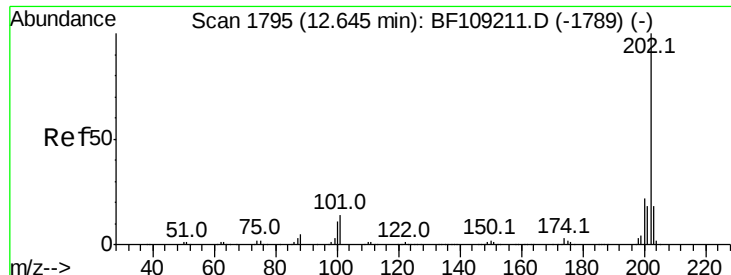
Delta R.T. -0.01 min

Lab File: BF109403.D

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Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.4	20.7	31.1





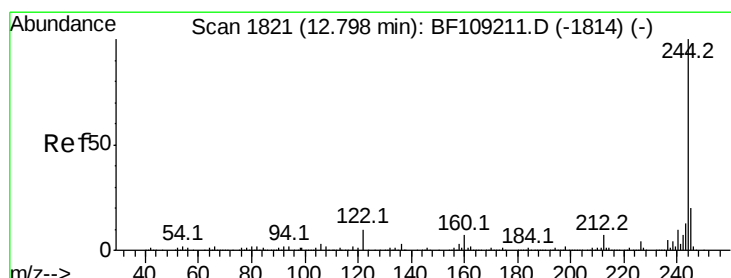
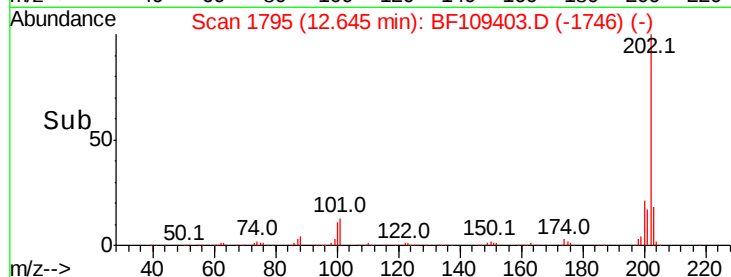
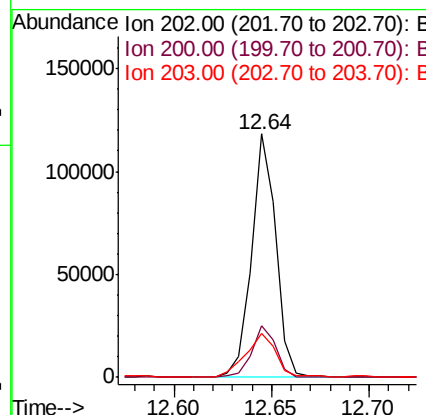
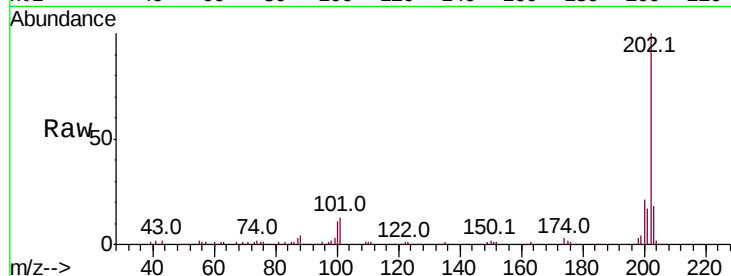
#77
Pvrene
Concen: 5.073 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.0	14.3	21.5

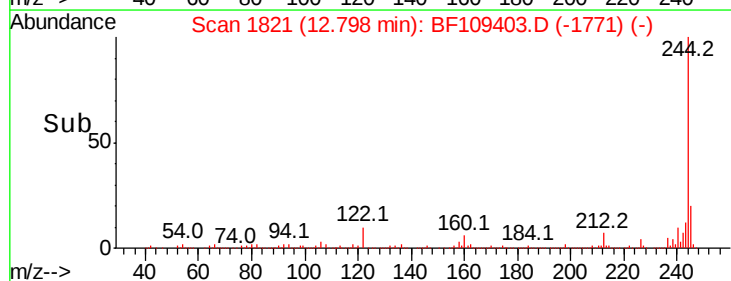
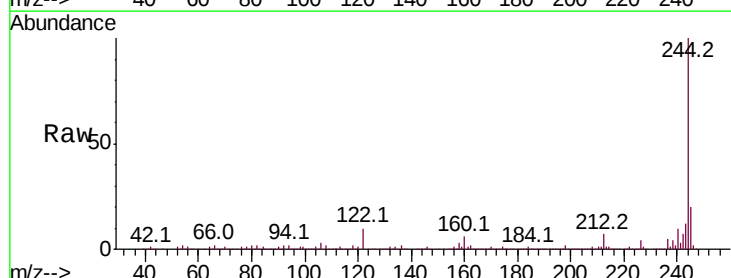
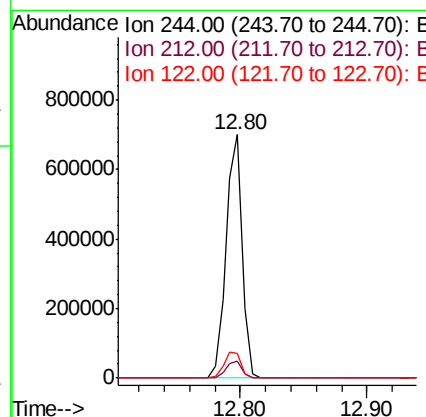
Manual Integrations
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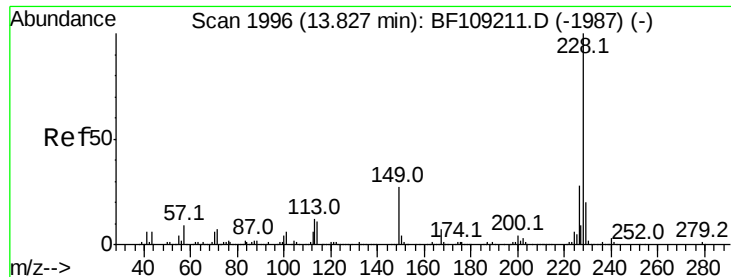
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#78
Terphenyl-d14
Concen: 54.377 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.1	11.0	16.4#





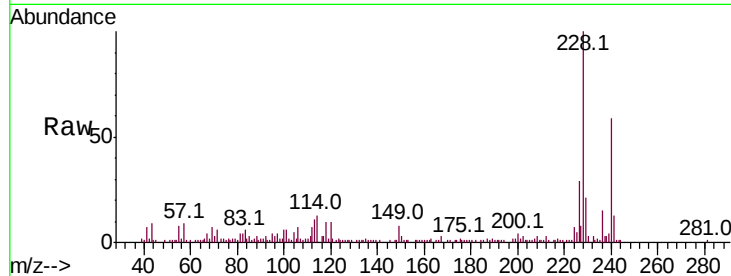
#80
Benzo(a)anthracene
Concen: 3.056 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.7	15.8	23.6

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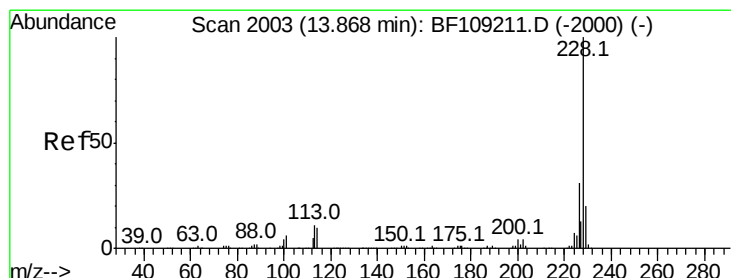
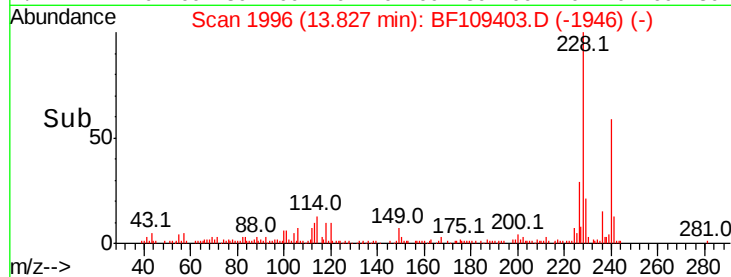
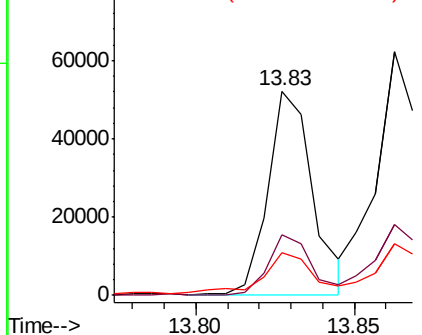


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 3.548 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

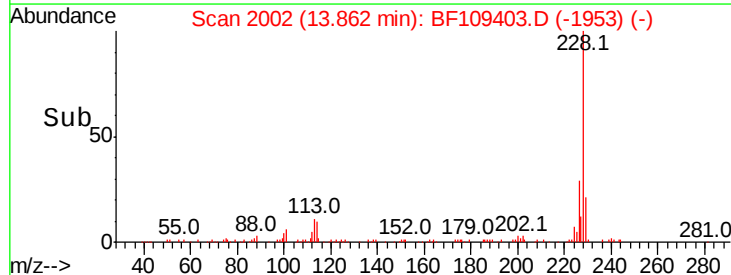
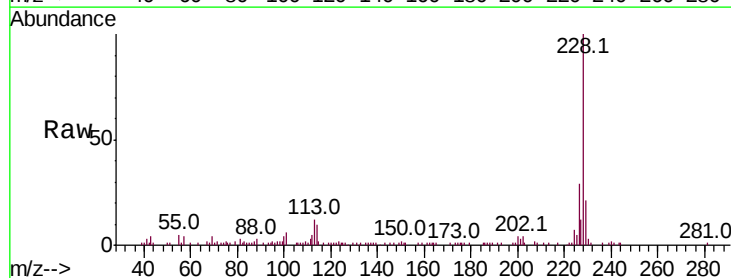
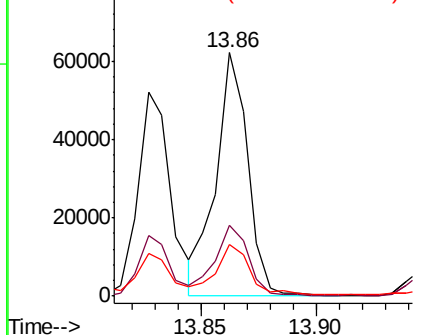
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	21.4	16.2	24.4

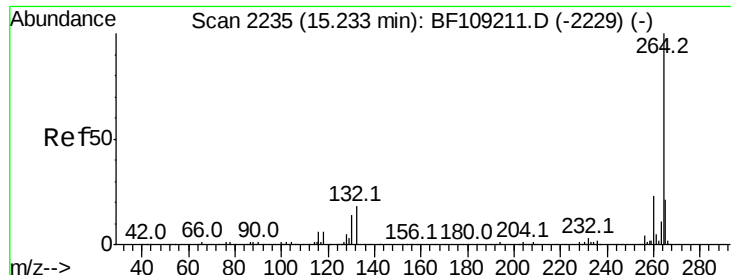
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





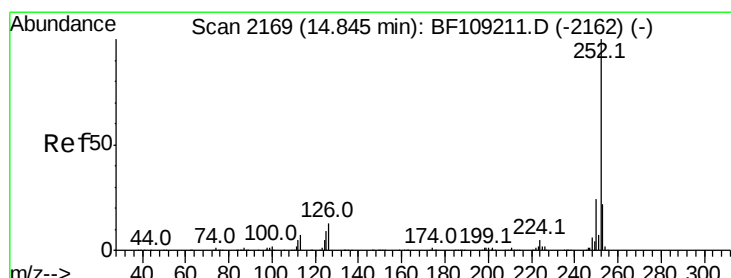
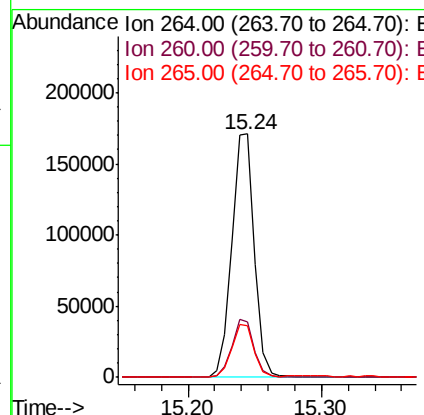
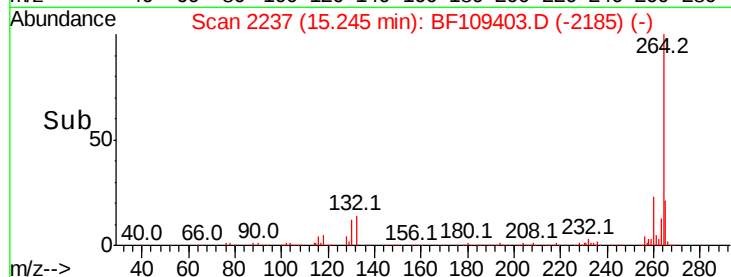
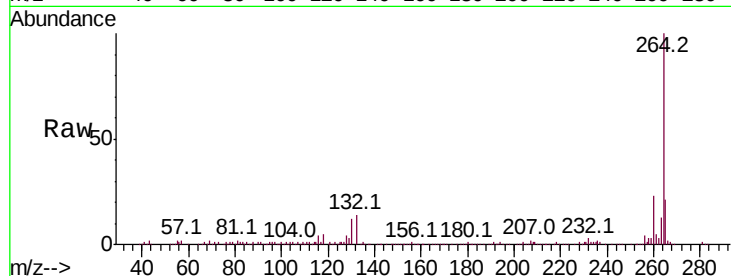
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.2	17.5	26.3

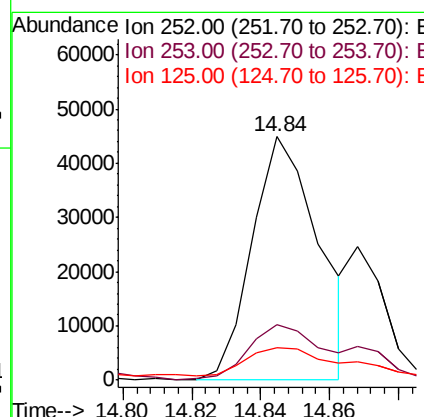
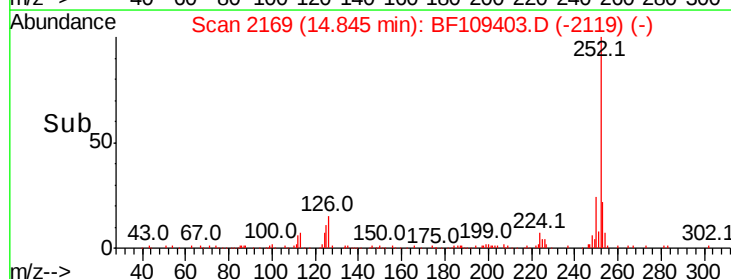
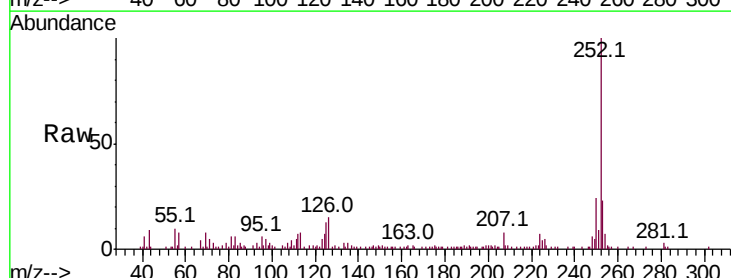
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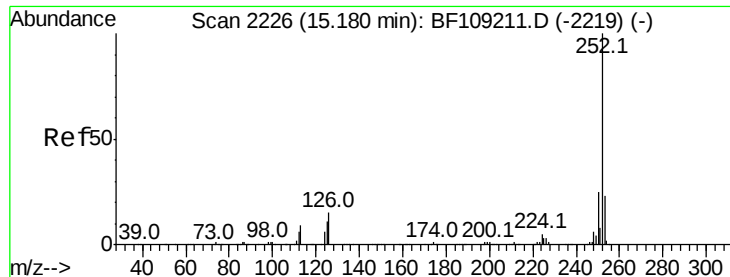
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#87
Benzo(b)fluoranthene
Concen: 5.356 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.1	9.0	13.6





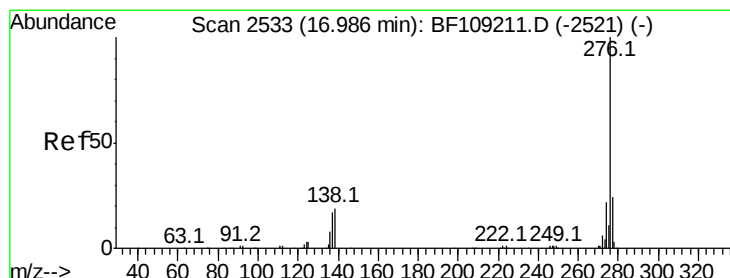
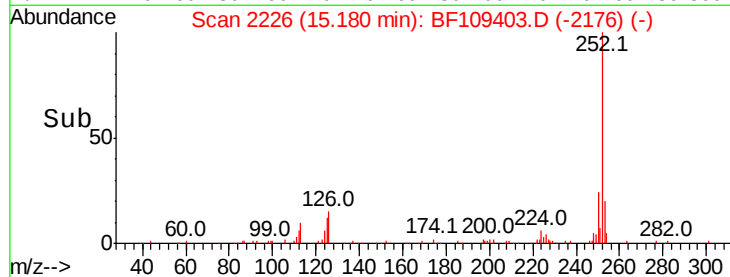
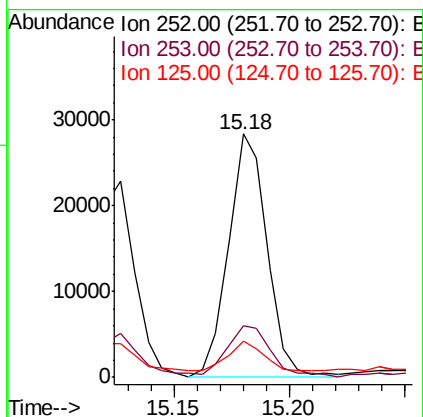
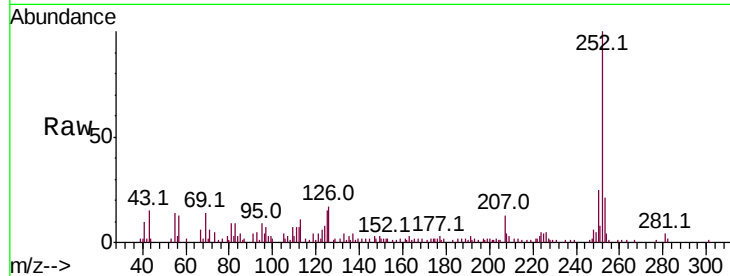
#89
Benzo(a)pyrene
Concen: 3.287 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Instrument :
BNA_F
ClientSampleId :
MT-T-5-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.2	17.1	25.7
125	15.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.301 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109403.D
Acq: 27 Sep 2018 22:21

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	29.2	17.9	26.9
138	25.1	21.8	32.8

