

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109353.D
 Acq On : 26 Sep 2018 22:33
 Operator : JU/SJ
 Sample : J5081-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Manual Integrations
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Quant Time: Sep 27 09:44:35 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	90726	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	317453	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	137410	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	260546	20.00	ng	0.00
75) Chrysene-d12	13.84	240	277089	20.00	ng	0.00
86) Perylene-d12	15.24	264	229813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	474893	86.21	ng	0.00
7) Phenol-d6	6.35	99	583149	82.97	ng	-0.01
23) Nitrobenzene-d5	7.26	82	364623	67.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	132785	98.03	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	605646	66.47	ng	-0.01
78) Terphenyl-d14	12.80	244	628414	55.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	206115	20.623	ng	99
74) Fluoranthene	12.42	202	88032	6.332	ng	94
77) Pyrene	12.64	202	126105	6.350	ng	97
80) Benzo(a)anthracene	13.83	228	92683m	5.553	ng	
82) Chrysene	13.86	228	90724	5.484	ng	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	35387	2.639	ng	93
87) Benzo(b)fluoranthene	14.84	252	91241m	7.225	ng	
88) Benzo(k)fluoranthene	14.87	252	27484m	2.294	ng	
89) Benzo(a)pyrene	15.18	252	67448	5.927	ng	98
91) Benzo(g,h,i)perylene	16.99	276	37263	4.061	ng	93

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

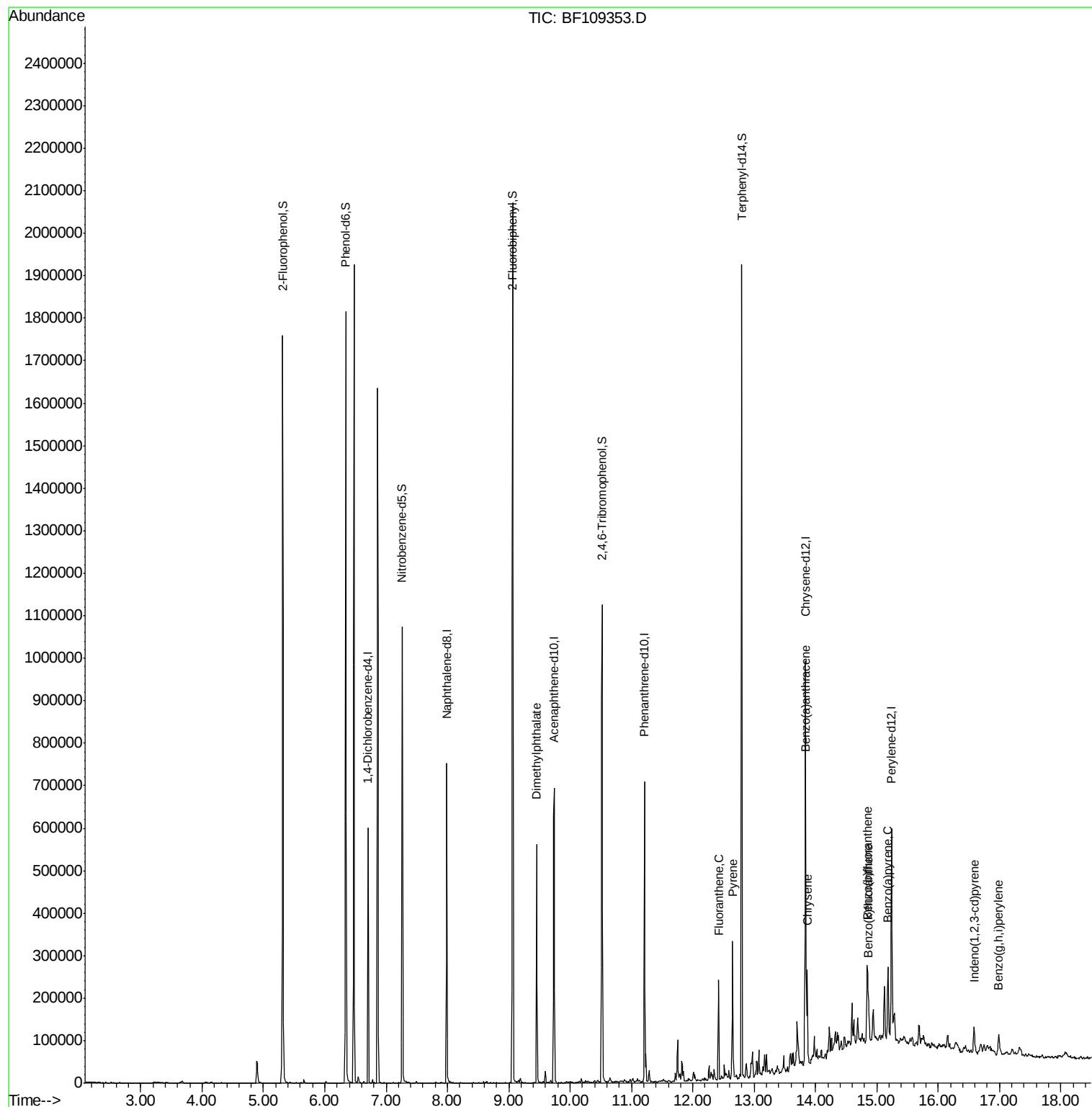
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109353.D
Acq On : 26 Sep 2018 22:33
Operator : JU/SJ
Sample : J5081-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

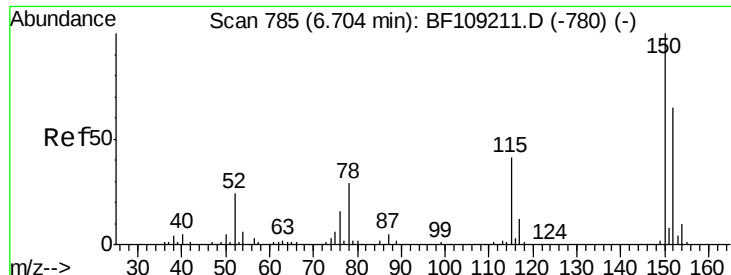
Instrument :
BNA_F
ClientSampled :
TP-1-S

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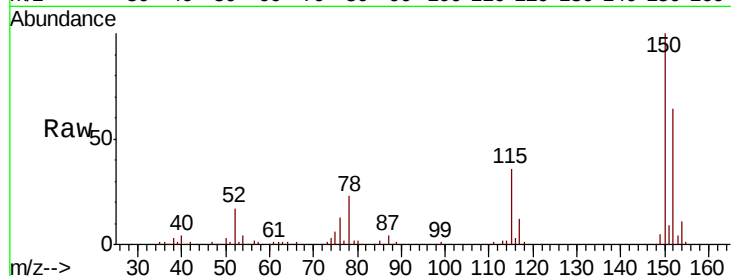
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	56.9	50.1	75.1

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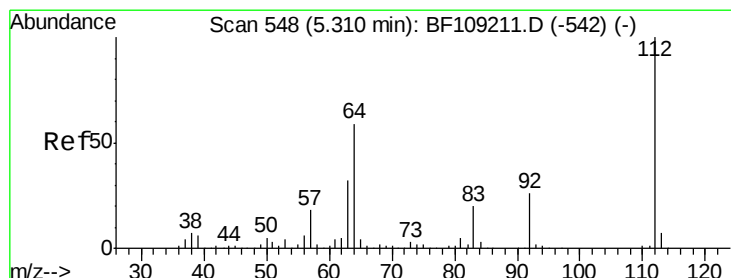
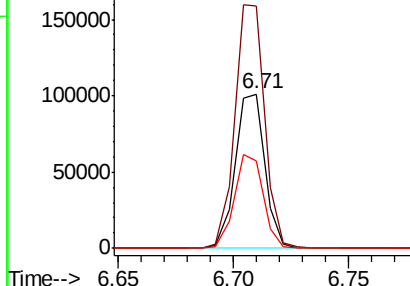
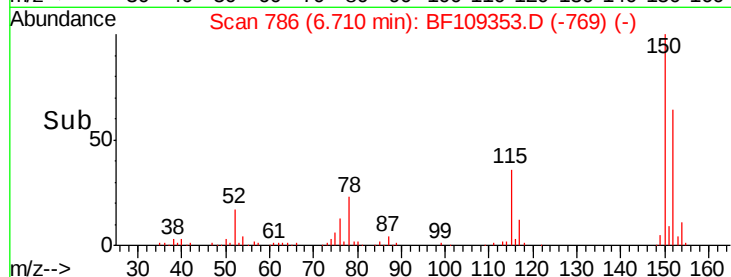


Abundance

Ion 152.00 (151.70 to 152.70): E

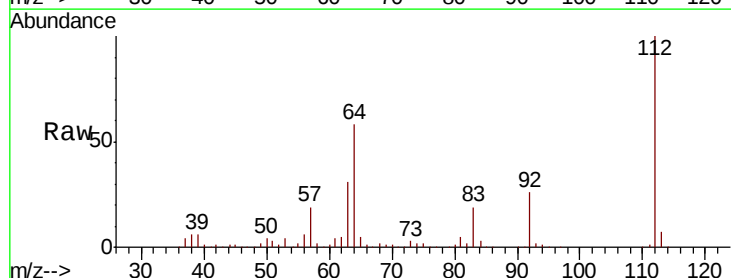
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 86.214 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.8	23.7	35.5

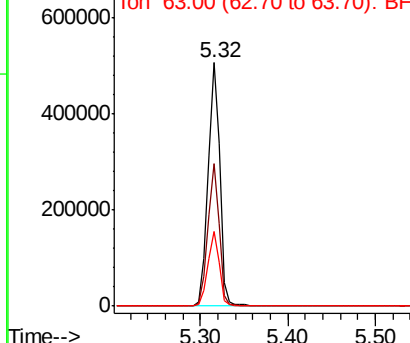
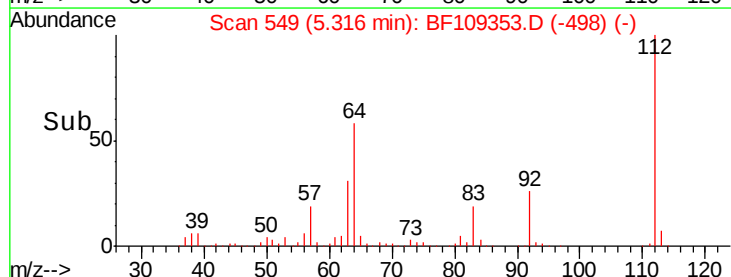


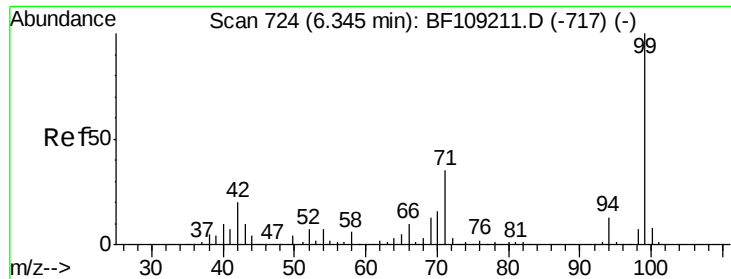
Abundance

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: 82.966 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109353.D

Acq: 26 Sep 2018 22:33

Instrument :

BNA_F

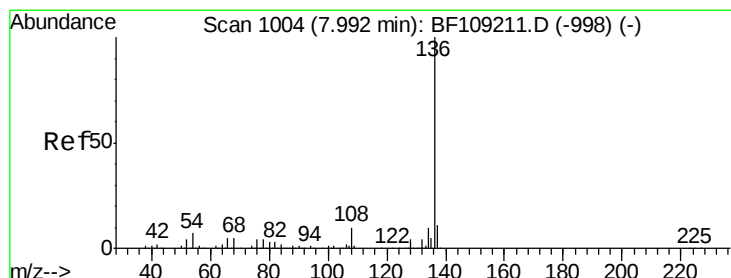
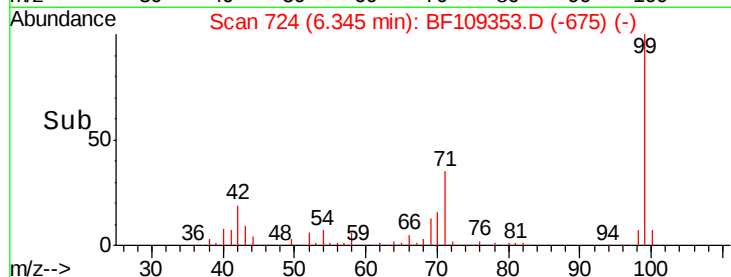
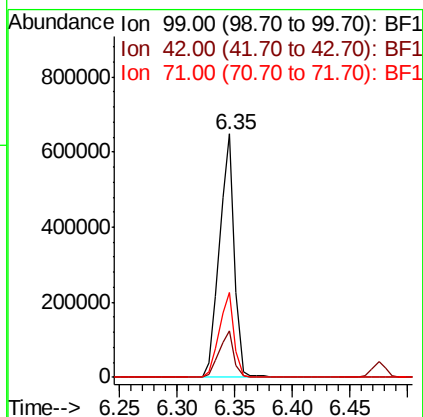
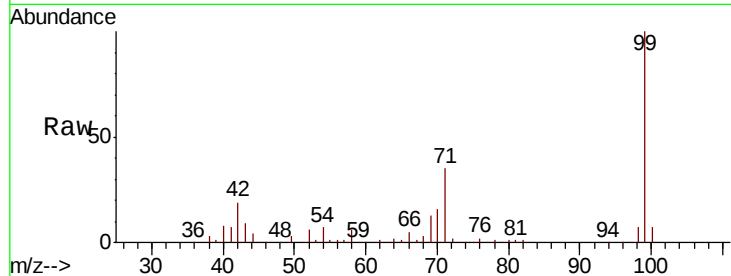
ClientSampled :

TP-1-S

Tot Ion:	99	Resp:	583149
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	34.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

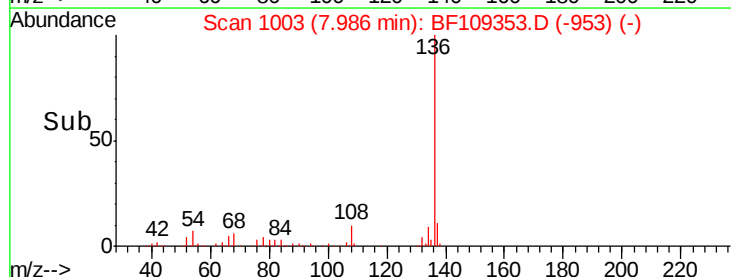
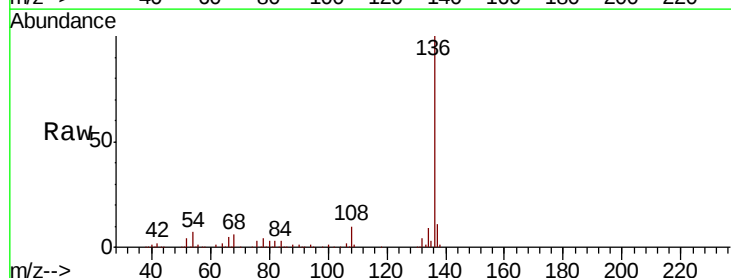
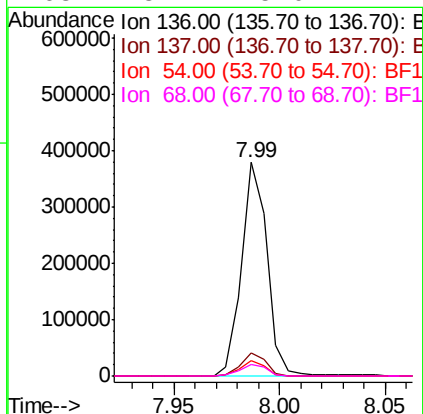
RT: 7.99 min Scan# 1003

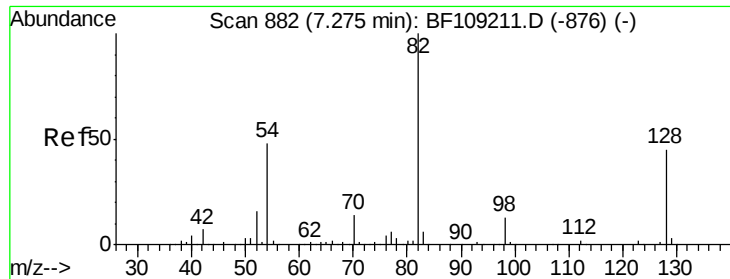
Delta R.T. -0.01 min

Lab File: BF109353.D

Acq: 26 Sep 2018 22:33

Tgt Ion:	136	Resp:	317453
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4





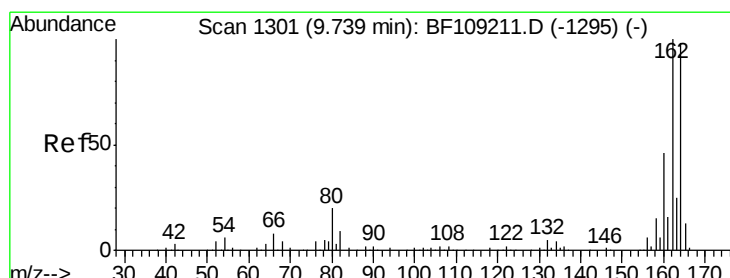
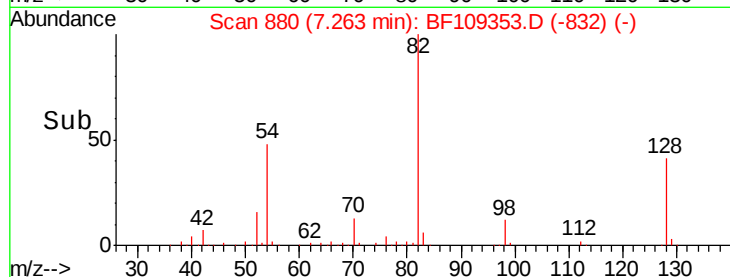
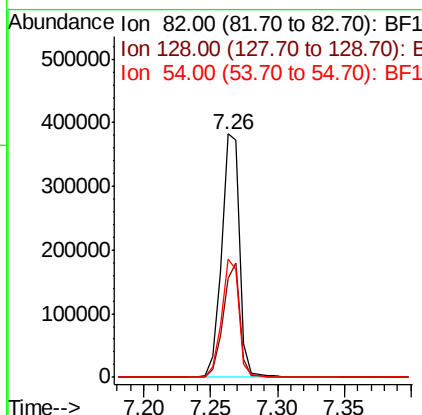
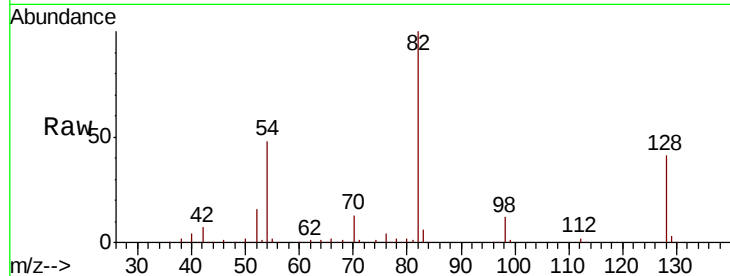
#23
 Nitrobenzene-d5
 Concen: 67.803 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	82	Resp	364623
Ion Ratio	100	Lower	Upper
128	40.8	36.1	54.1
54	48.3	41.4	62.2

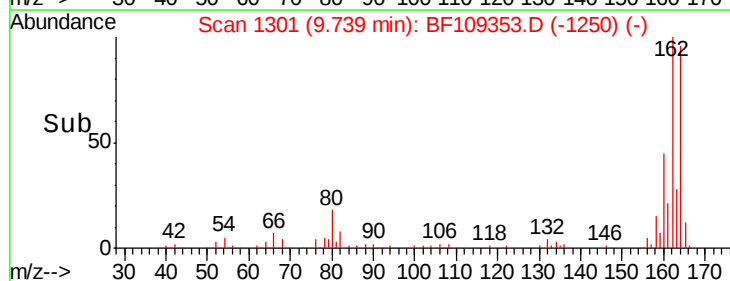
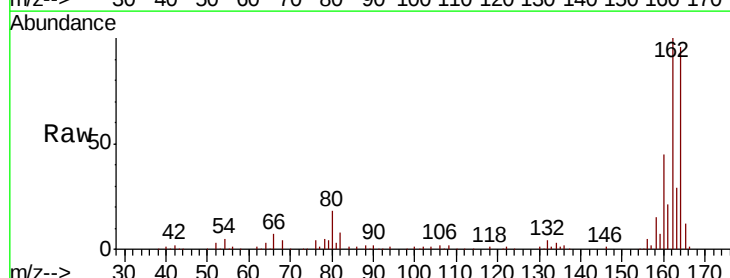
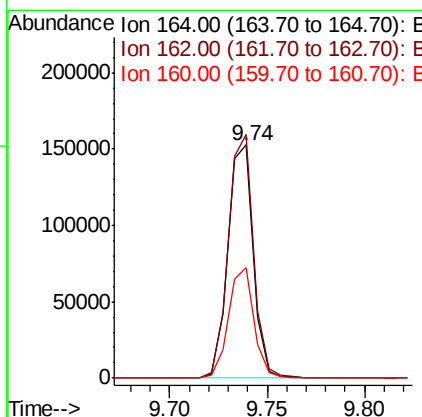
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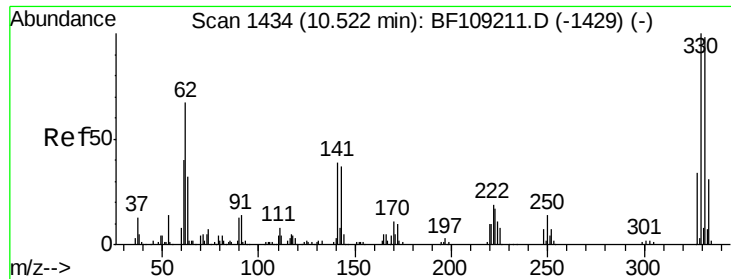
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Tgt Ion	164	Resp	137410
Ion Ratio	100	Lower	Upper
162	104.4	86.1	129.1
160	47.2	38.3	57.5





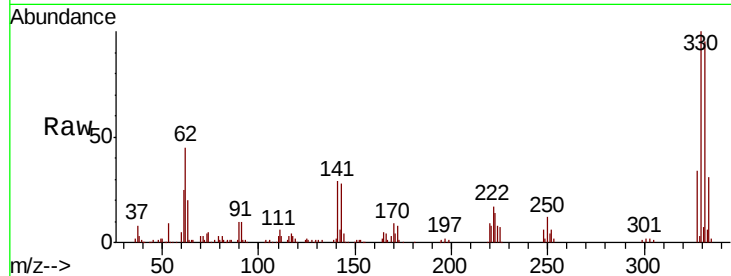
#41
 2,4,6-Tribromophenol
 Concen: 98.027 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	132785		
332	94.8	77.0	115.6	
141	31.9	29.9	44.9	

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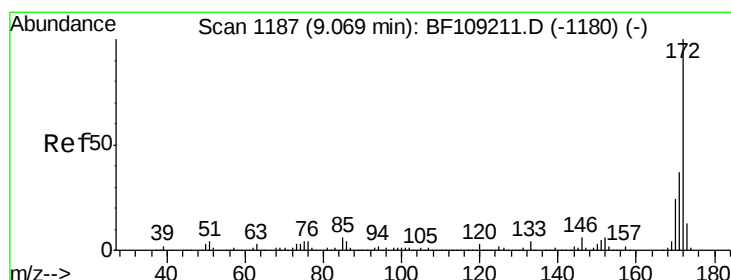
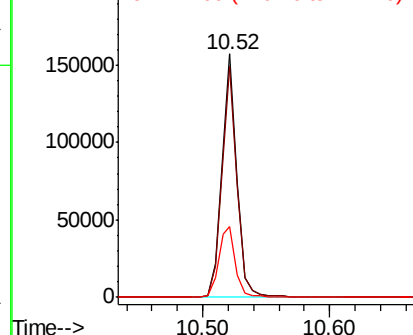
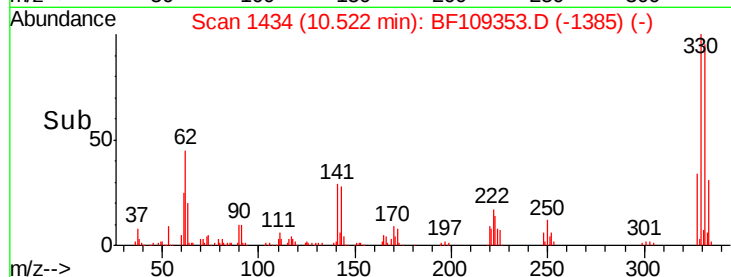


Abundance

Ion 329.80 (329.50 to 330.50): E

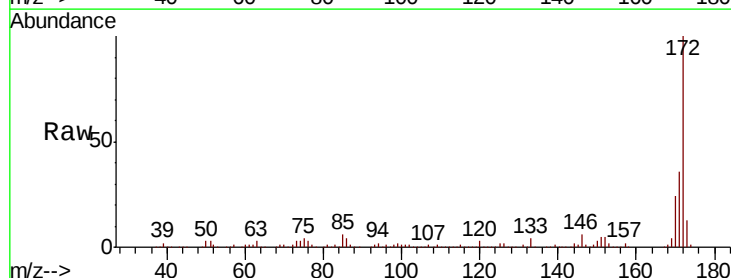
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.475 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	605646		
171	35.7	29.7	44.5	
170	24.0	19.6	29.4	

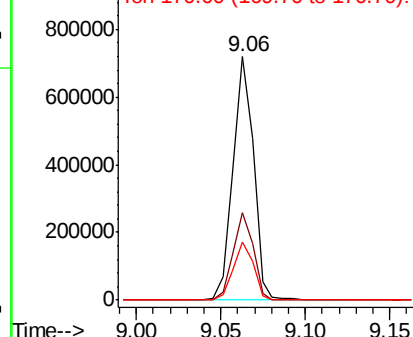
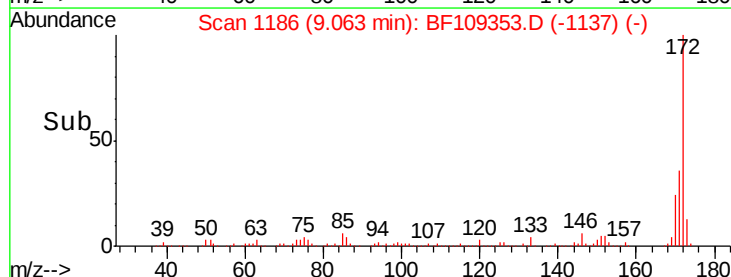


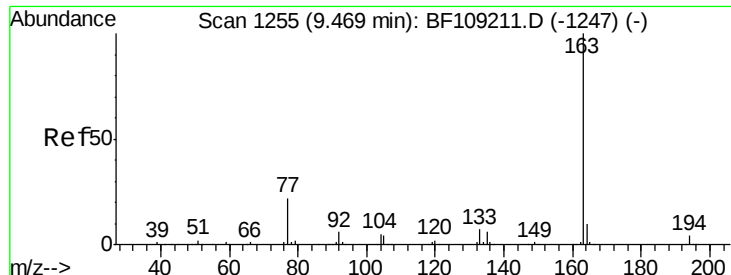
Abundance

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





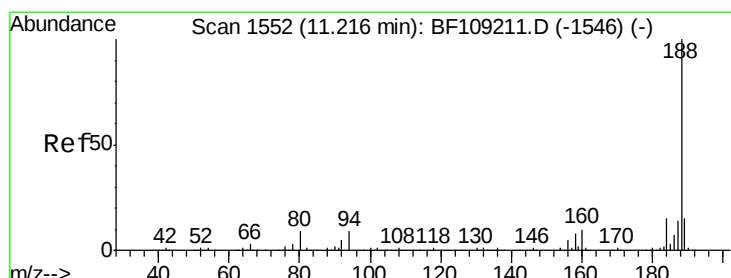
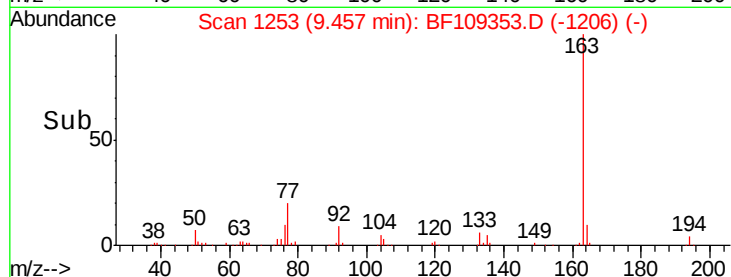
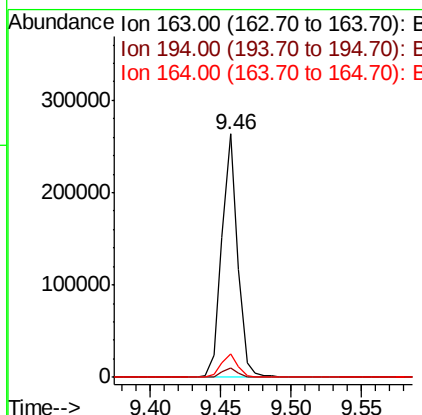
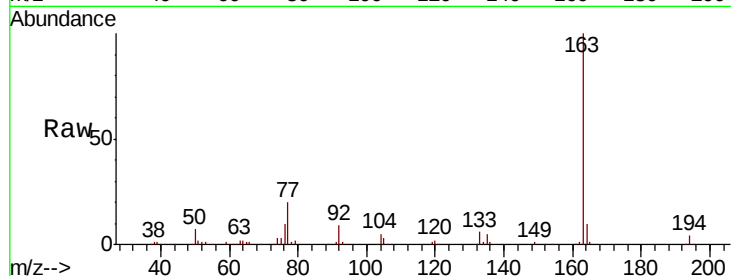
#49
Dimethylphthalate
Concen: 20.623 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		206115		
194	3.9		2.7	4.1	
164	9.7		8.2	12.2	

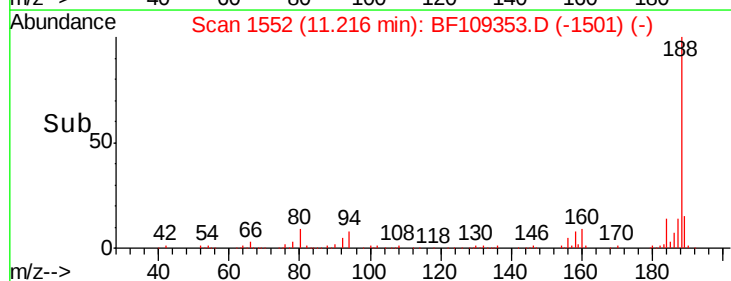
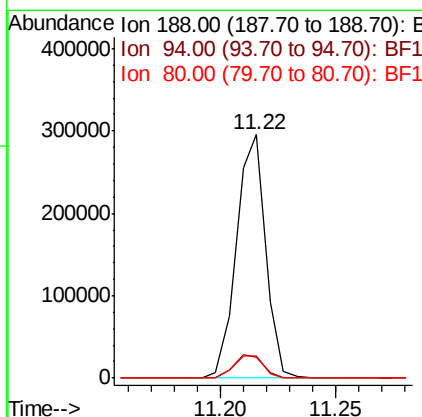
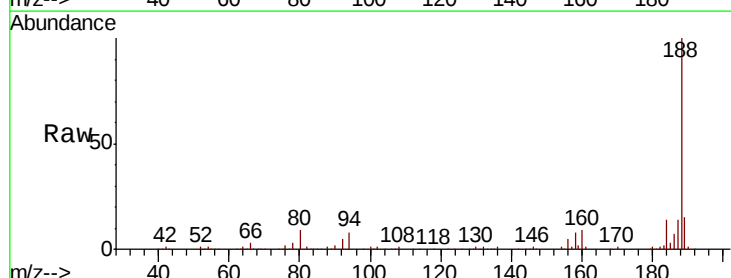
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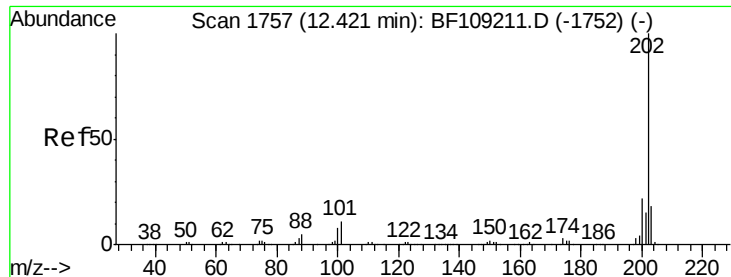
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		260546		
94	8.4		8.5	12.7#	
80	8.9		9.2	13.8#	





#74

Fluoranthene

Concen: 6.332 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109353.D

Acq: 26 Sep 2018 22:33

Instrument :

BNA_F

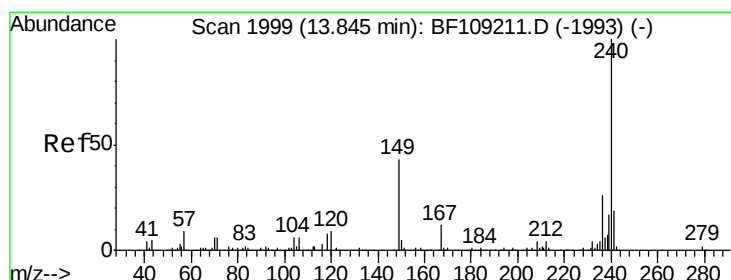
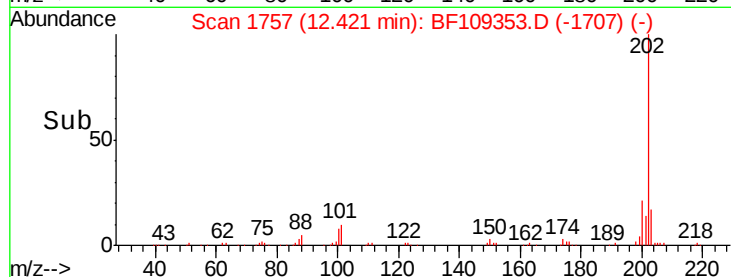
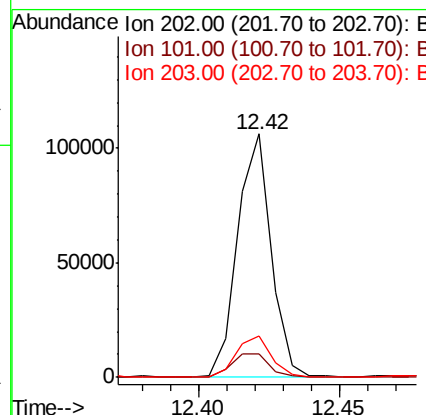
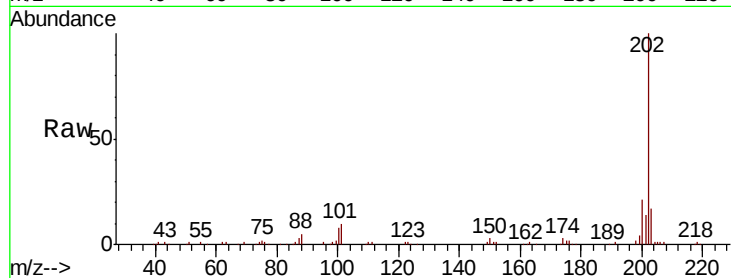
ClientSampled :

TP-1-S

Tot Ion:	202	Resp:	88032
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	34.1
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

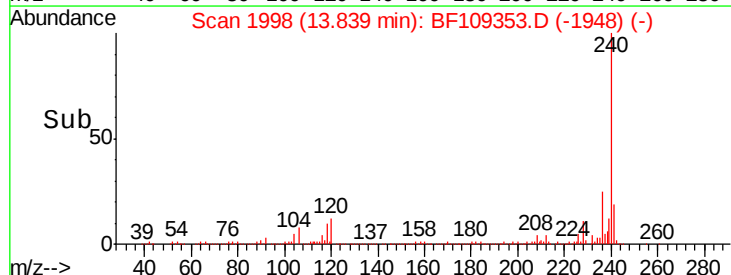
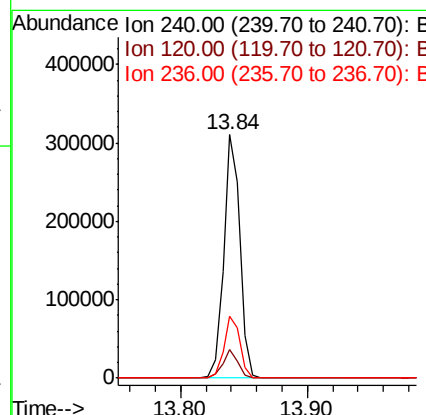
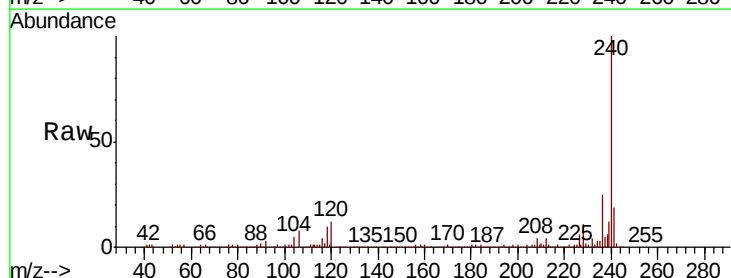
RT: 13.84 min Scan# 1998

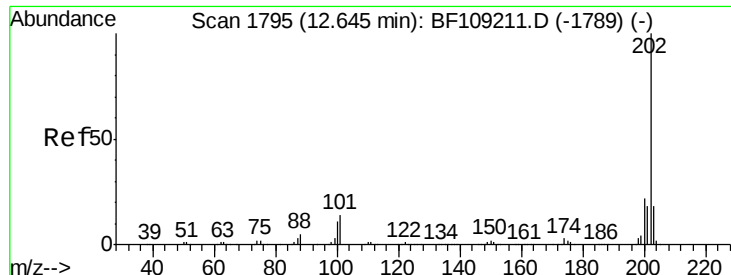
Delta R.T. -0.01 min

Lab File: BF109353.D

Acq: 26 Sep 2018 22:33

Tgt Ion:	240	Resp:	277089
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	25.2	20.7	31.1





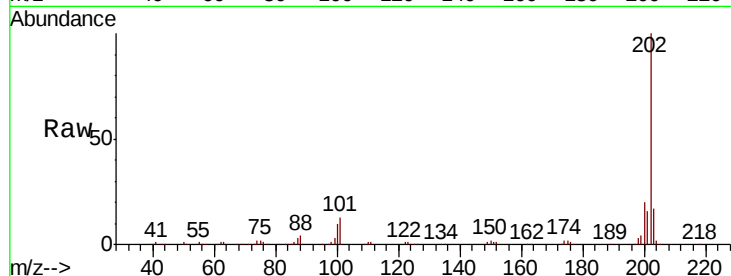
#77
Pvrene
Concen: 6.350 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.4	26.2
203	16.6	14.3	21.5

Manual Integrations
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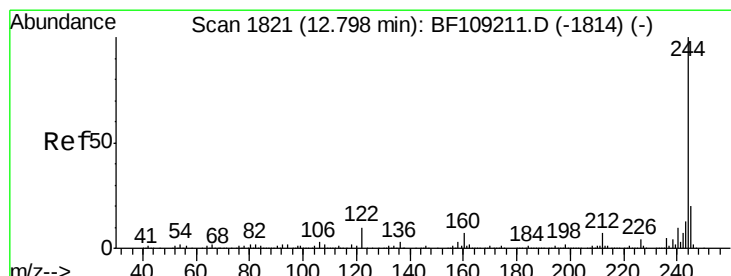
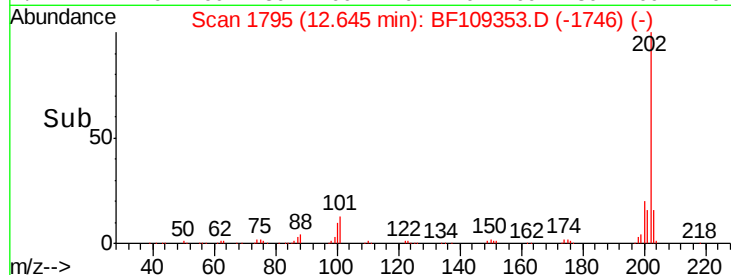
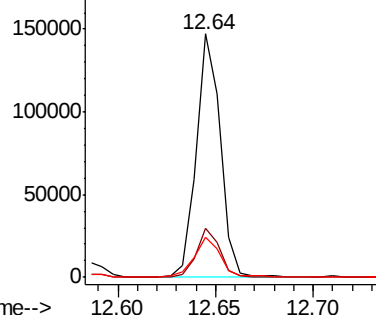


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 55.658 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

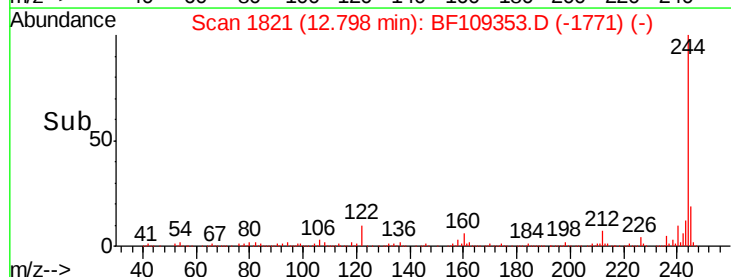
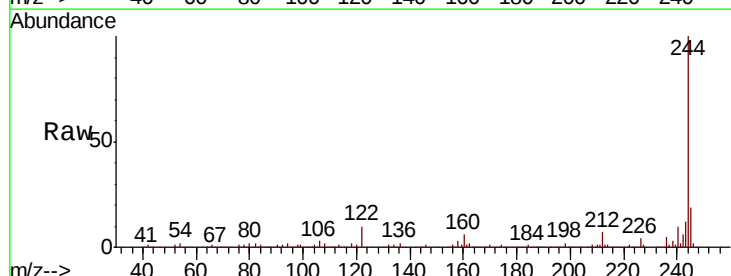
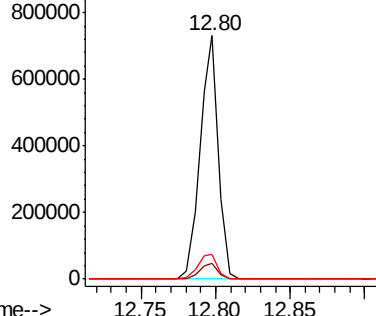
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	11.0	16.4#

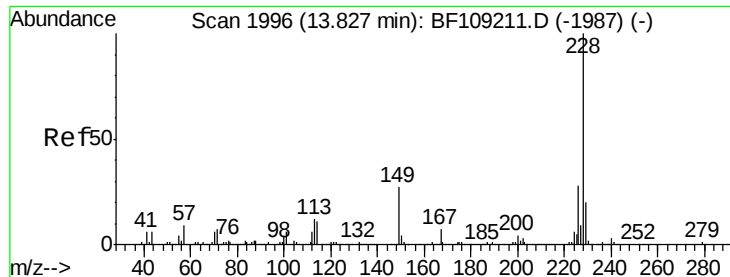
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





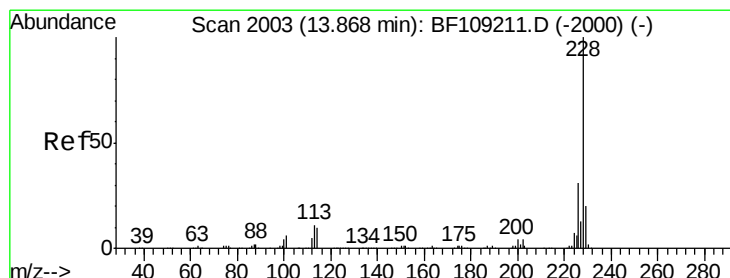
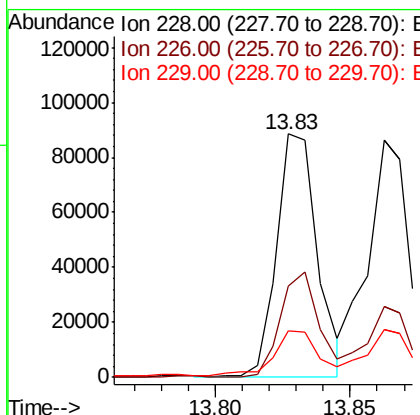
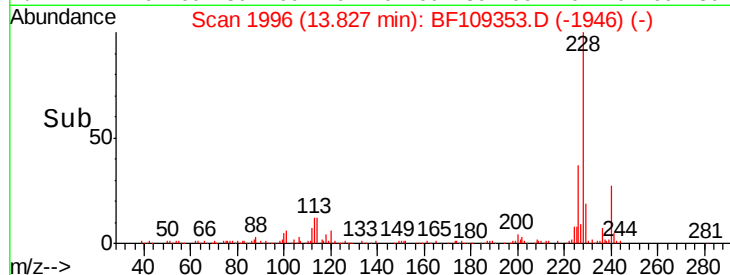
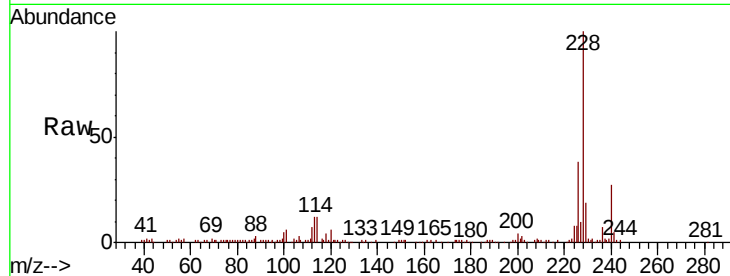
#80
Benzo(a)anthracene
Concen: 5.553 ng m
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.6	22.6	33.8#
229	19.3	15.8	23.6

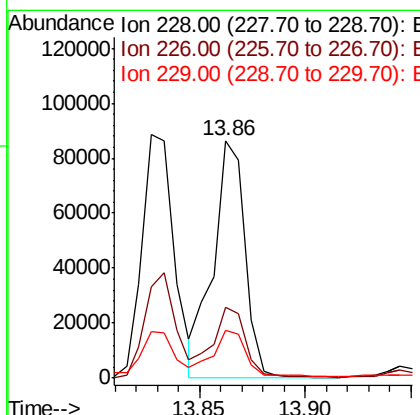
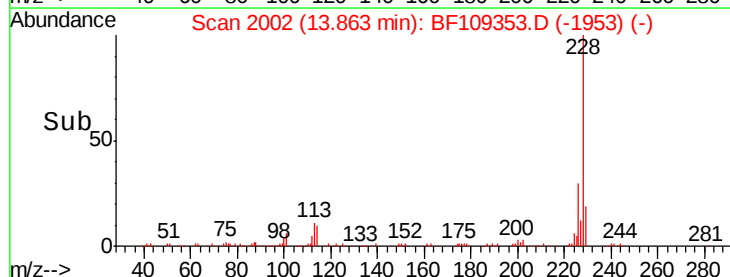
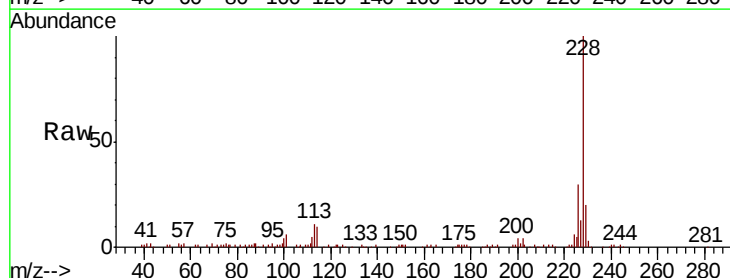
Manual Integrations
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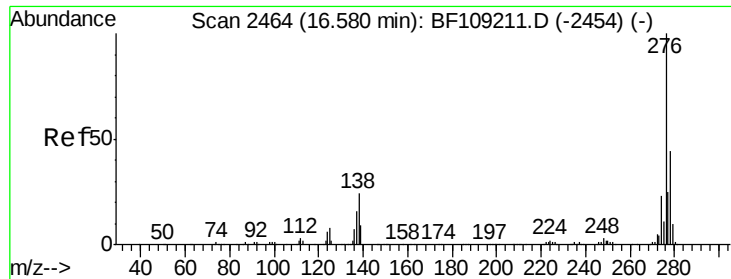
Sohil
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#82
Chrysene
Concen: 5.484 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.9	16.2	24.4





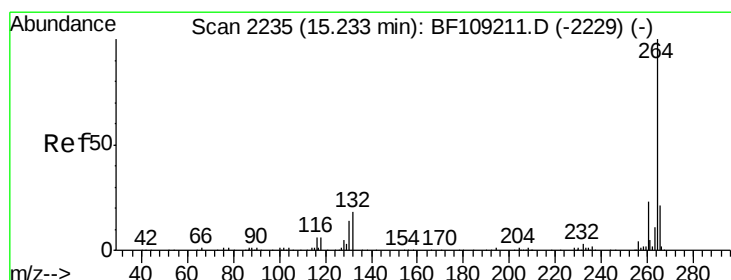
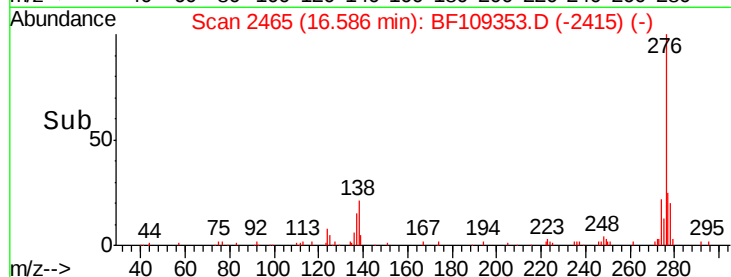
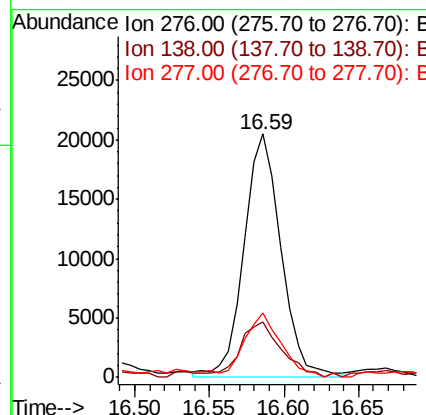
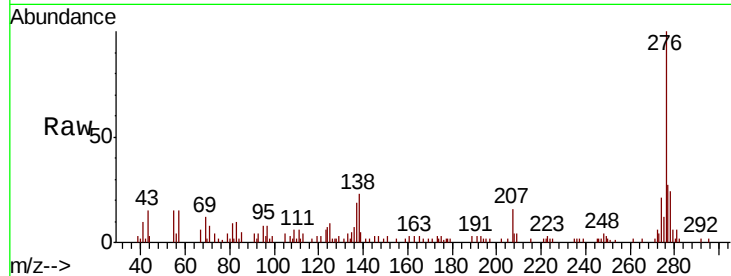
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.639 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion:	276	Resp:	35387
Ion Ratio	Lower	Upper	
276	100		
138	25.2	25.0	37.6
277	26.2	20.1	30.1

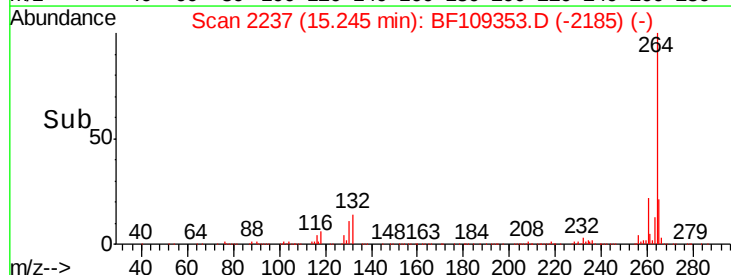
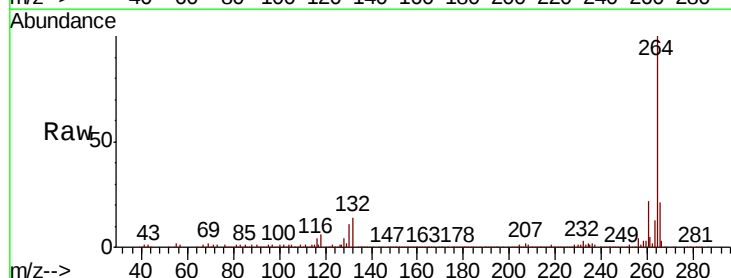
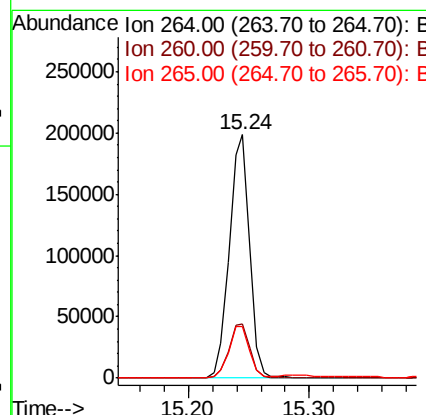
Manual Integrations
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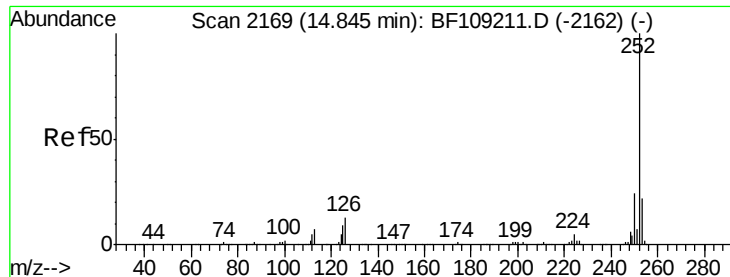
Sohil
 9/28/2018 5:01:58 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109353.D
 Acq: 26 Sep 2018 22:33

Tgt Ion:	264	Resp:	229813
Ion Ratio	Lower	Upper	
264	100		
260	22.4	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.225 ng m

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109353.D

Acq: 26 Sep 2018 22:33

Instrument :

BNA_F

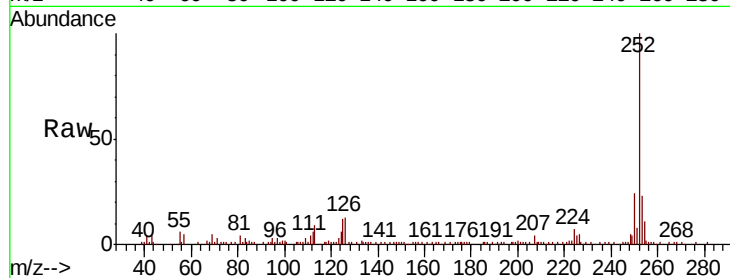
ClientSampled :

TP-1-S

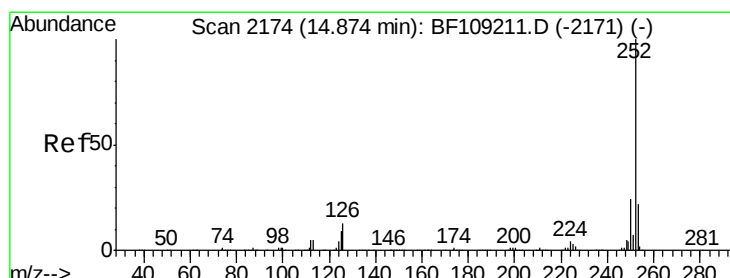
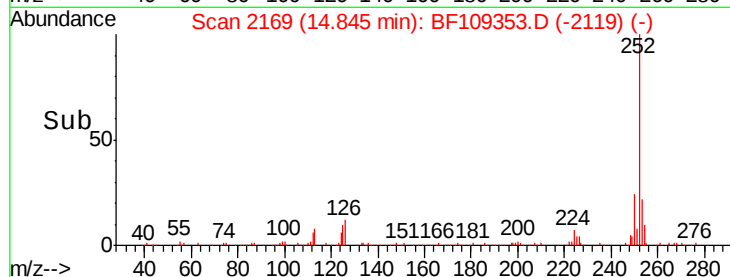
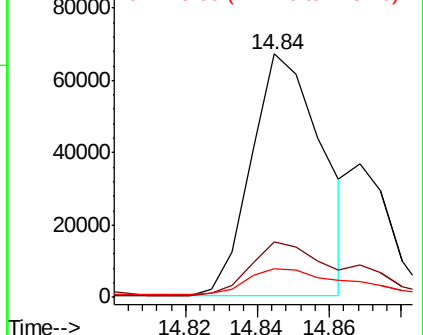
Tot Ion:	252	Resp:	91241
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	11.7	9.0	13.6

Manual Integrations
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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



#88

Benzo(k)fluoranthene

Concen: 2.294 ng m

RT: 14.87 min Scan# 2173

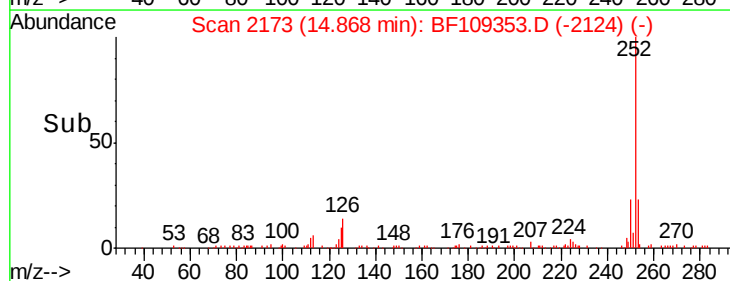
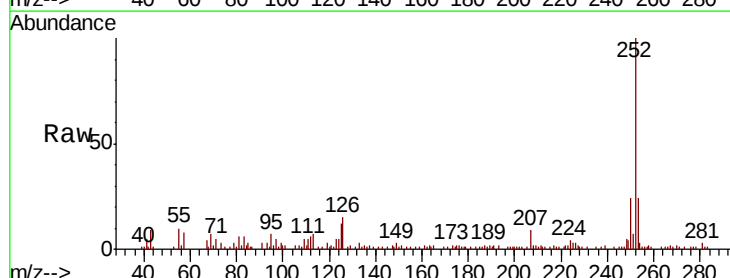
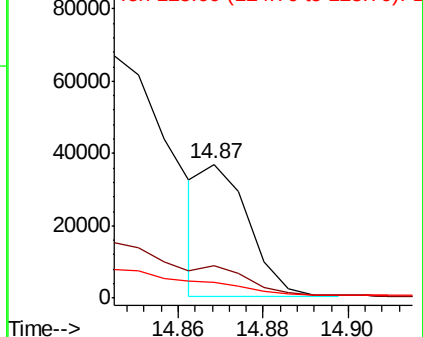
Delta R.T. -0.01 min

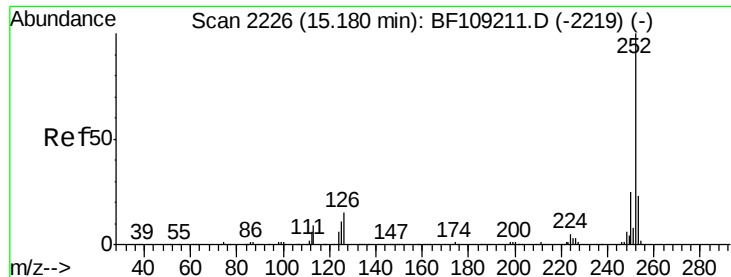
Lab File: BF109353.D

Acq: 26 Sep 2018 22:33

Tgt Ion:	252	Resp:	27484
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	11.8	10.2	15.2

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





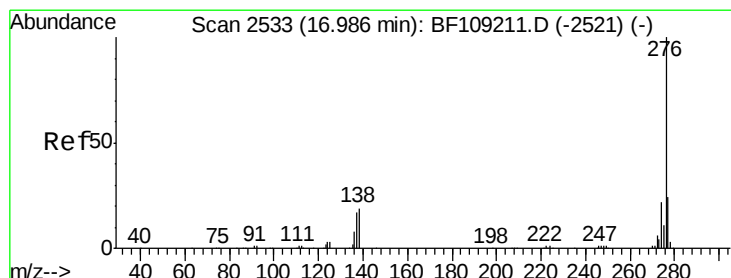
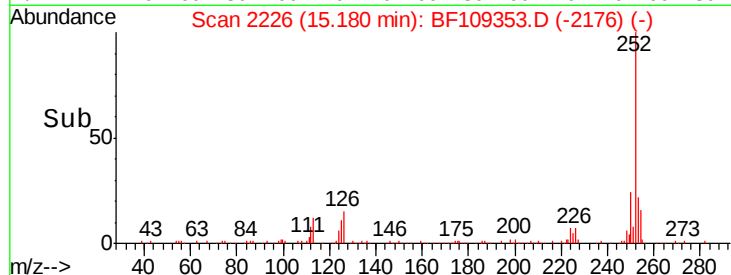
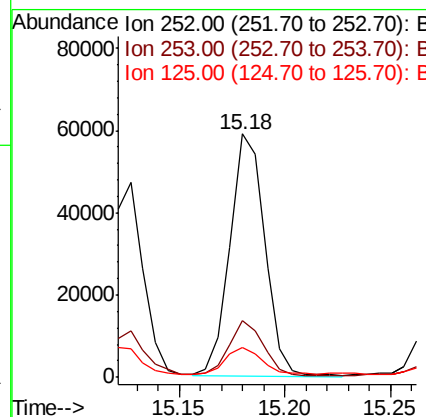
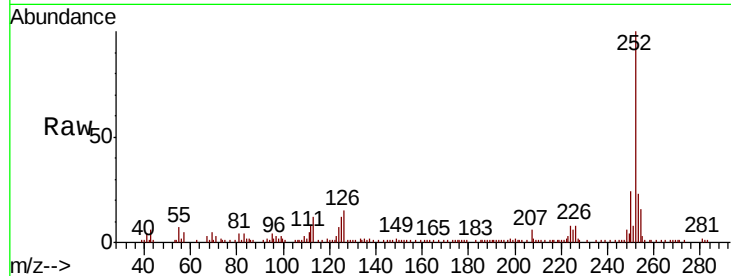
#89
Benzo(a)pyrene
Concen: 5.927 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.061 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF109353.D
Acq: 26 Sep 2018 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	23.5	21.8	32.8

