

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109234.D
 Acq On : 22 Sep 2018 21:01
 Operator : JU/SJ
 Sample : J4777-25 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-04-092018-A

Manual Integrations
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Sohil
 9/24/2018 11:39:04 AM

Quant Time: Sep 24 07:51:46 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	6.70	152	114027	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445977	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	193888	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	305320	20.00	ng	0.00
75) Chrysene-d12	13.83	240	235185	20.00	ng	-0.01
86) Perylene-d12	15.24	264	206496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	143411	20.72	ng	-0.01
7) Phenol-d6	6.33	99	187906	21.27	ng	-0.02
23) Nitrobenzene-d5	7.26	82	111742	14.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	33208	17.37	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	222014	17.27	ng	-0.01
78) Terphenyl-d14	12.79	244	149921	15.64	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	52079	3.693	ng	Qvalue # 98
70) Phenanthrene	11.23	178	44931	2.947	ng	99
74) Fluoranthene	12.42	202	74694	4.585	ng	96
77) Pyrene	12.64	202	70833	4.202	ng	98
80) Benzo(a)anthracene	13.83	228	36445	2.573	ng	96
82) Chrysene	13.86	228	36175	2.576	ng	94
87) Benzo(b)fluoranthene	14.84	252	38142m	3.361	ng	
89) Benzo(a)pyrene	15.17	252	25623	2.506	ng	# 85

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

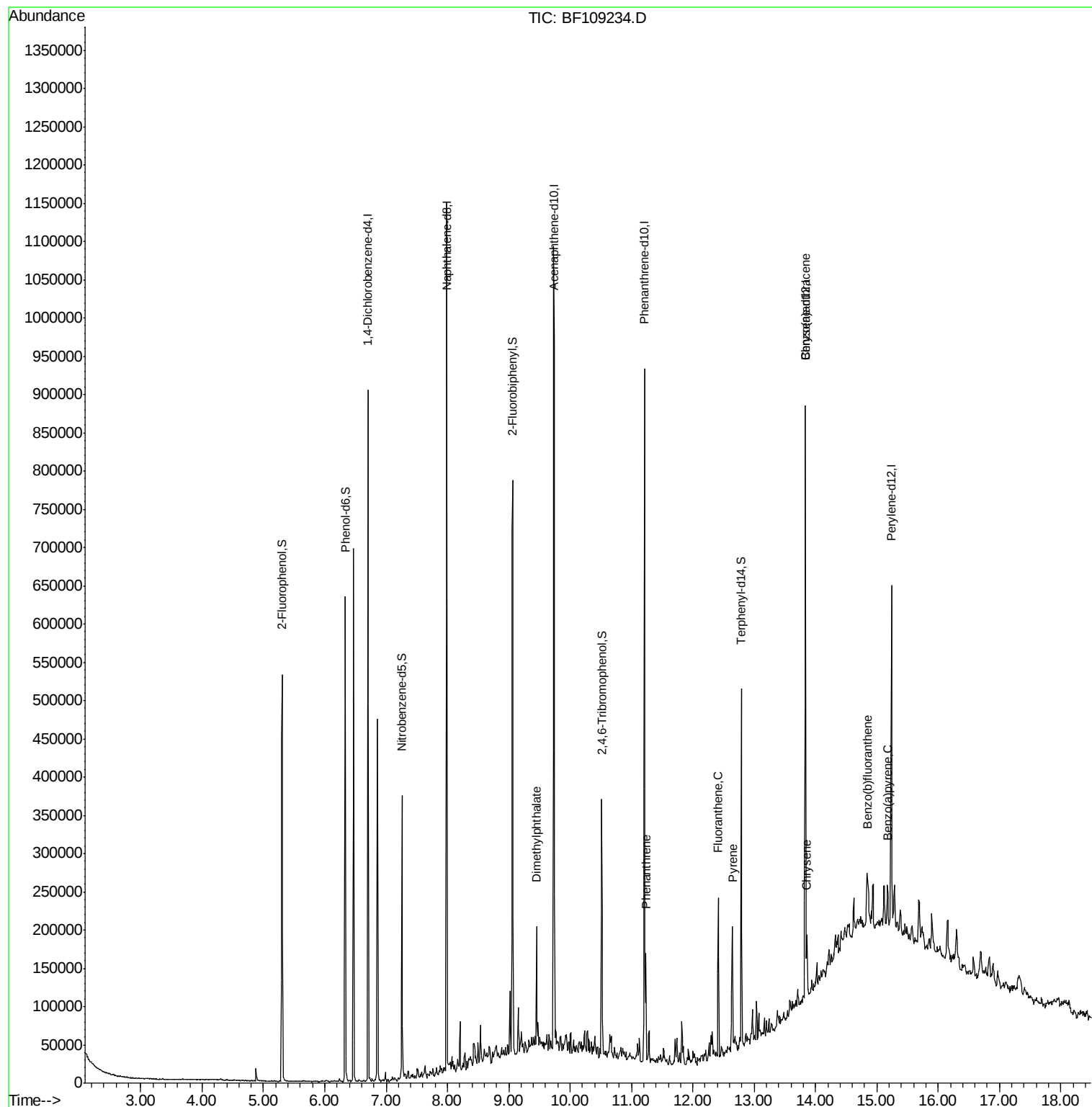
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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#1

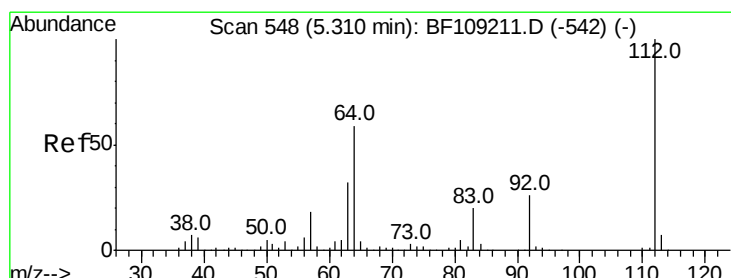
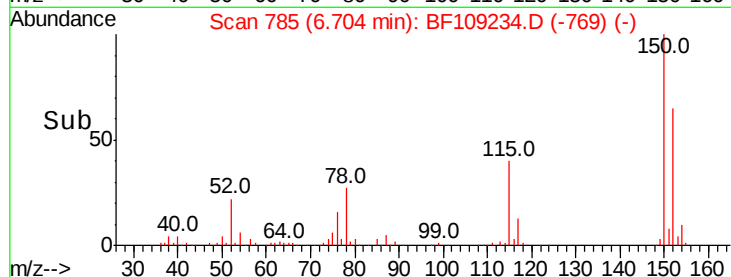
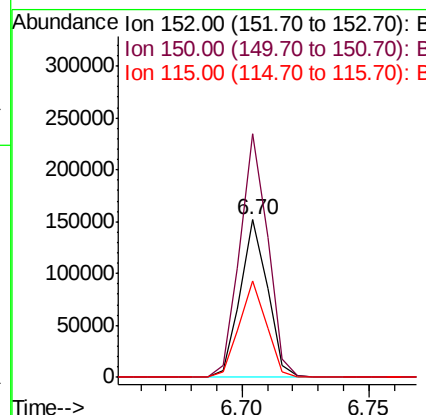
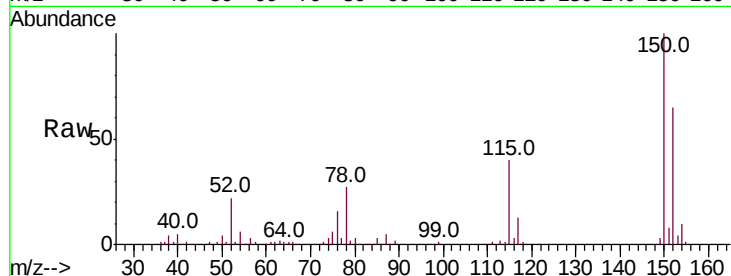
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PL-04-092018-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.1	50.1	75.1

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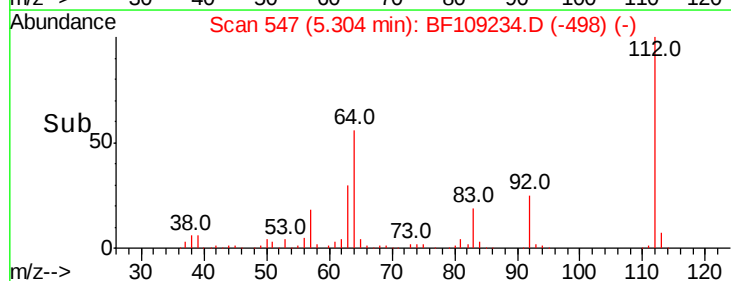
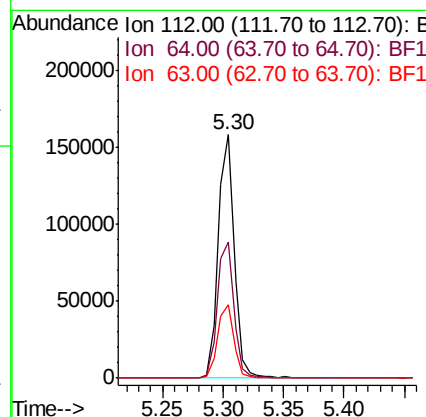
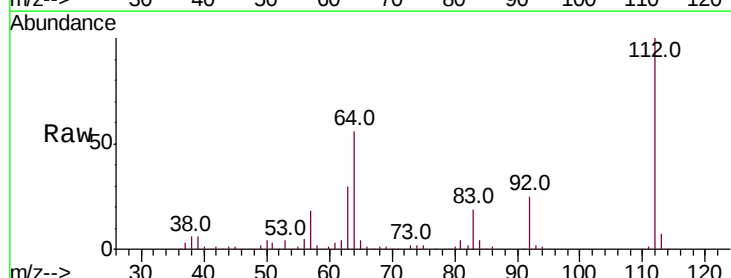
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#5

2-Fluorophenol
Concen: 20.715 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 21.271 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109234.D

Acq: 22 Sep 2018 21:01

Instrument :

BNA_F

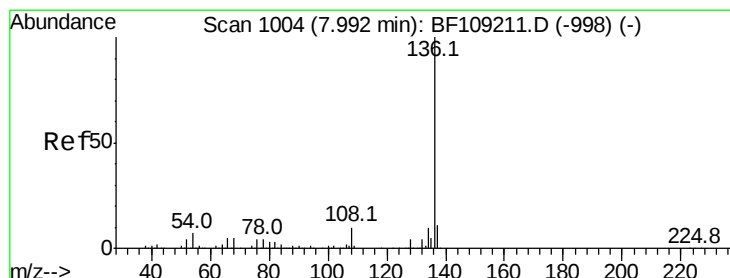
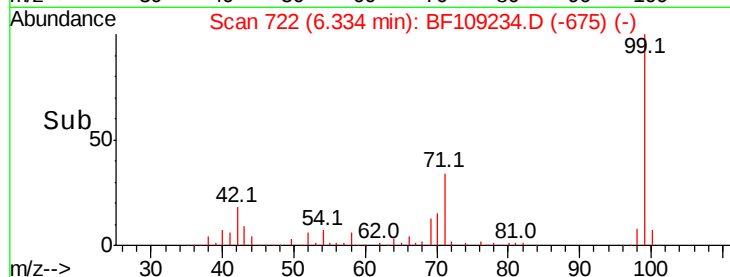
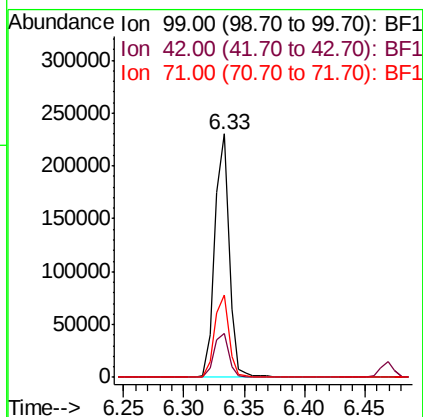
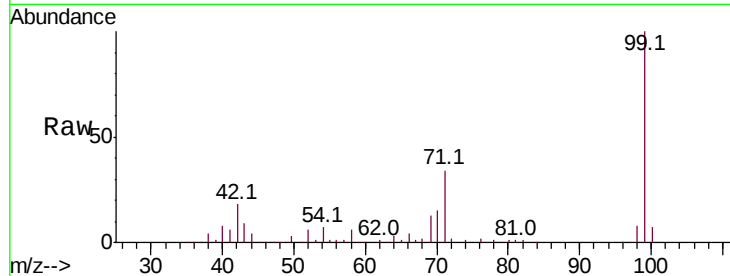
ClientSampleId :

PL-04-092018-A

Tot Ion:	99	Resp:	187906
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

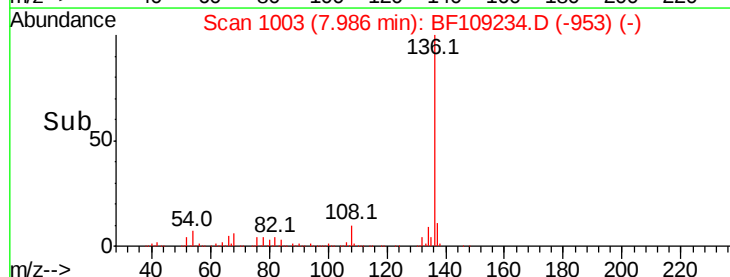
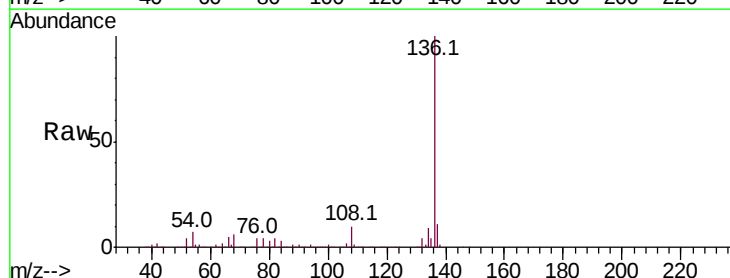
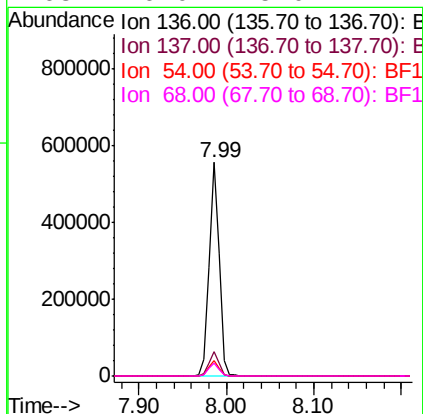
RT: 7.99 min Scan# 1003

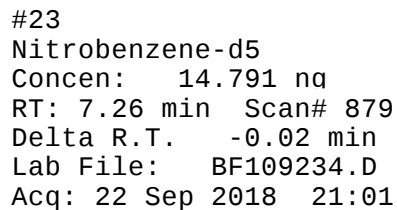
Delta R.T. -0.01 min

Lab File: BF109234.D

Acq: 22 Sep 2018 21:01

Tgt Ion:	136	Resp:	445977
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.0	5.0	7.4



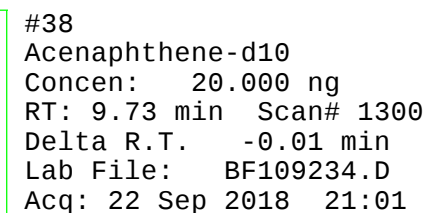
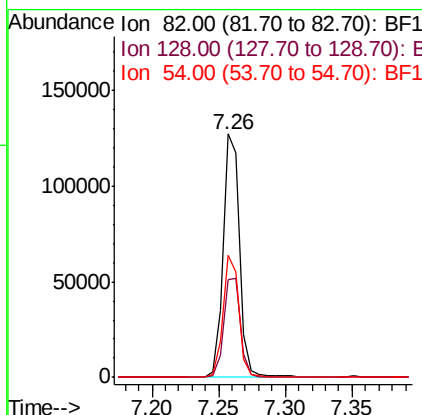


Instrument :
BNA_F
ClientSampleId :
PL-04-092018-A

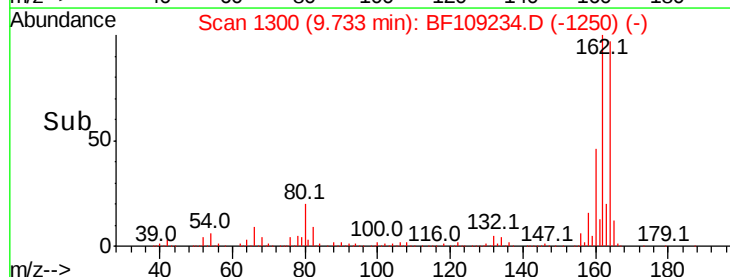
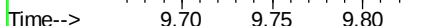
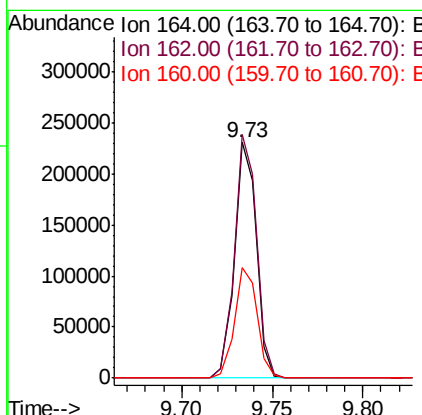
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Tot	Ion: 82	Resp:	111742
Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.1	54.1
54	50.1	41.4	62.2



Tgt	Ion:164	Resp:	193888
Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	47.0	38.3	57.5





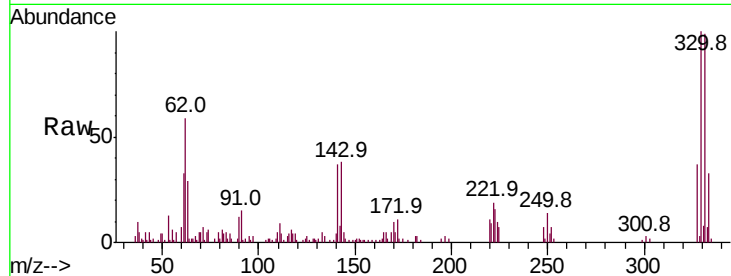
#41
 2,4,6-Tribromophenol
 Concen: 17.374 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109234.D
 Acq: 22 Sep 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PL-04-092018-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.0	115.6	
141	36.1	29.9	44.9	

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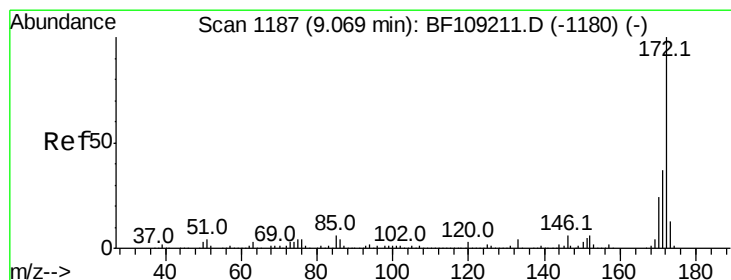
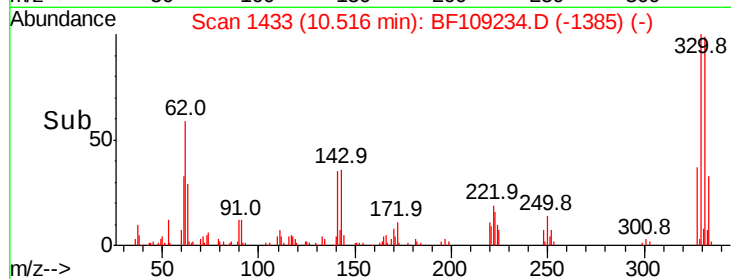
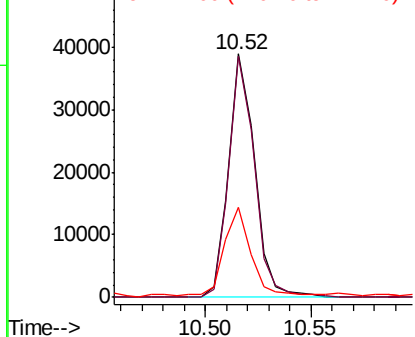


Abundance

Ion 329.80 (329.50 to 330.50): E

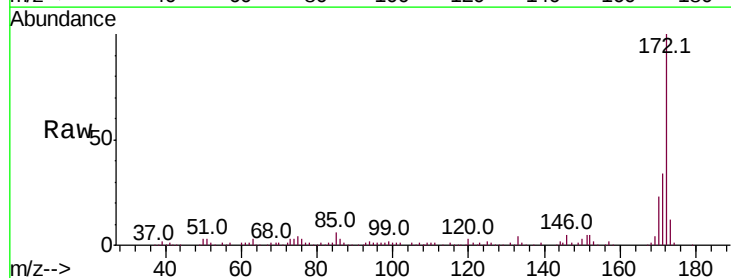
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 17.270 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109234.D
 Acq: 22 Sep 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.3	29.7	44.5	
170	23.4	19.6	29.4	

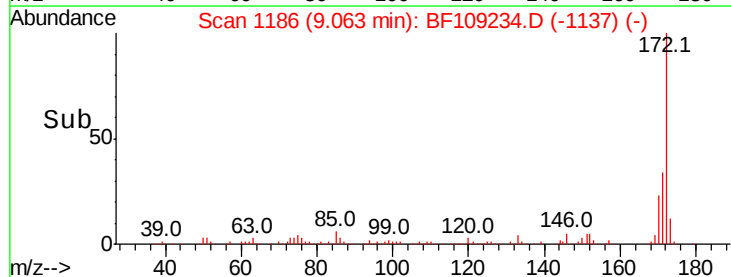
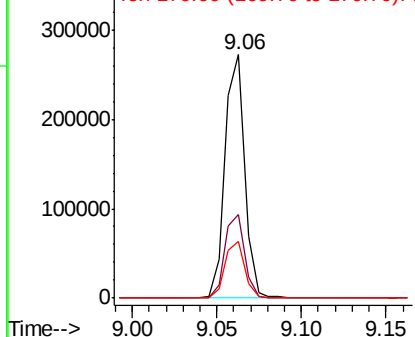


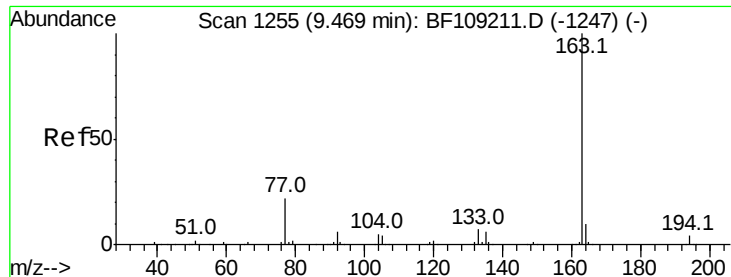
Abundance

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





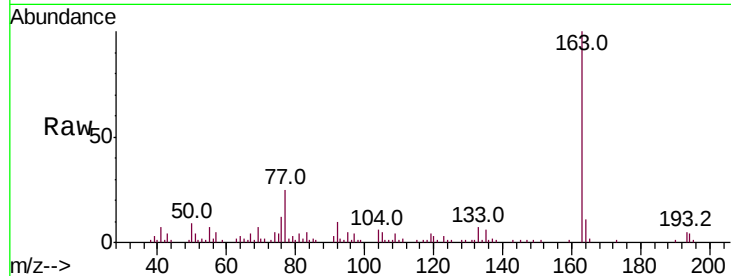
#49
Dimethylphthalate
Concen: 3.693 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PL-04-092018-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.0	8.2	12.2

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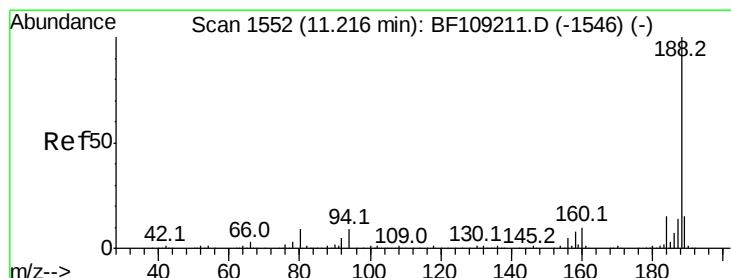
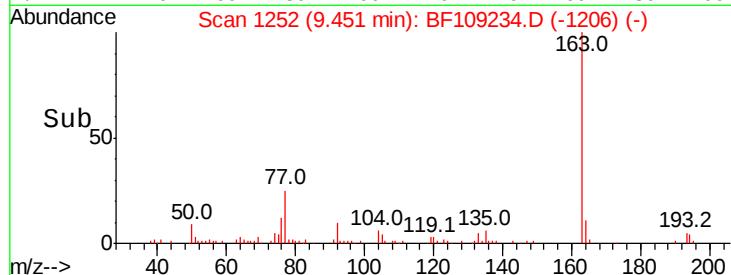
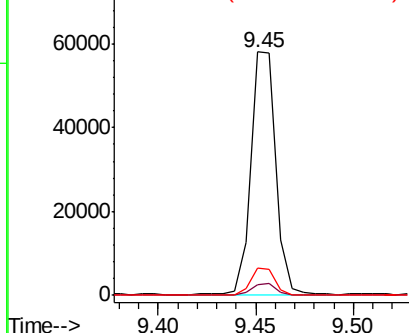


Abundance

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: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

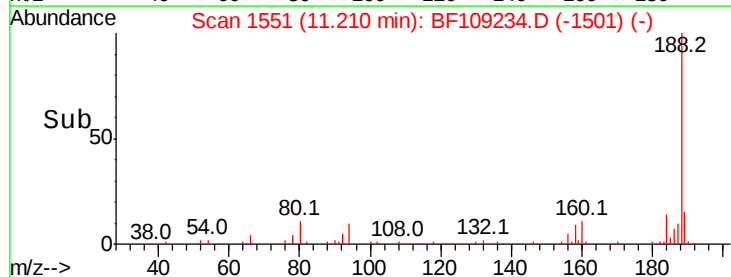
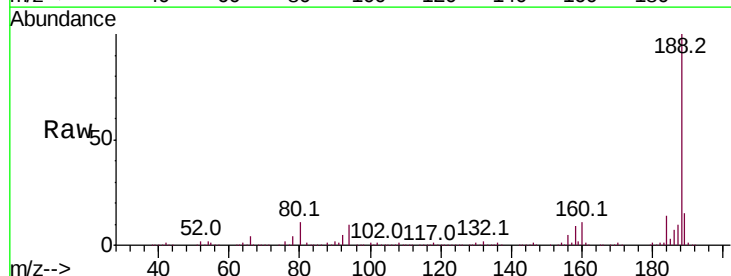
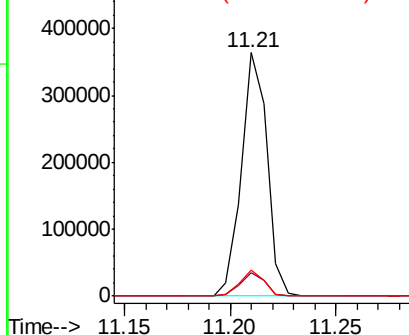
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.8	9.2	13.8

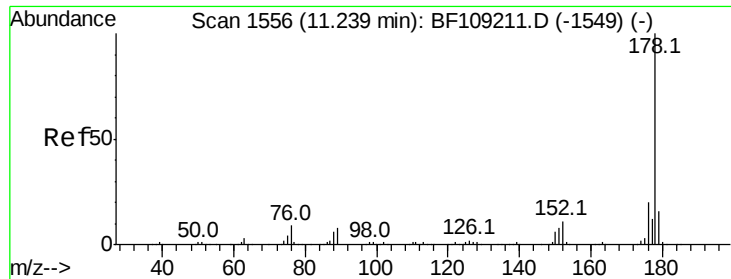
Abundance

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





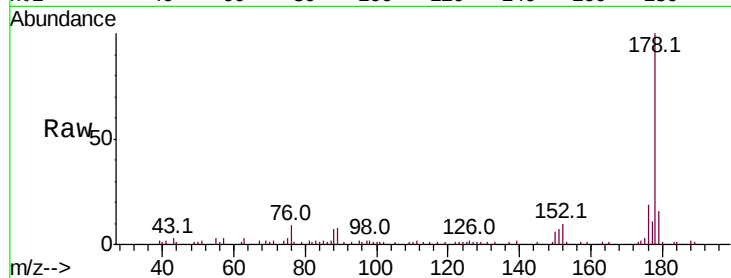
#70
Phenanthrene
Concen: 2.947 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PL-04-092018-A

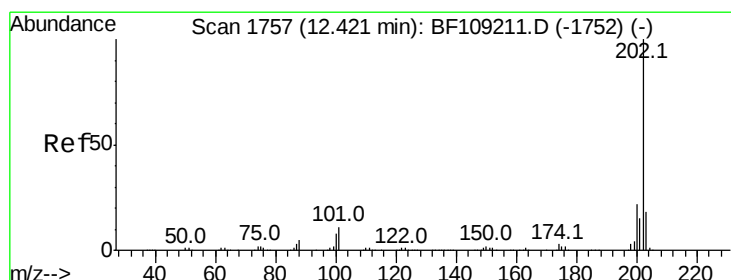
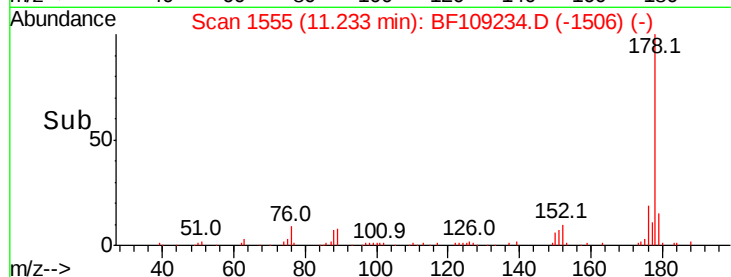
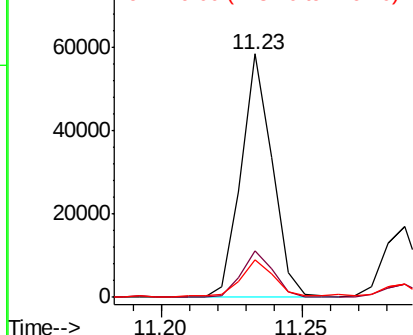
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.6

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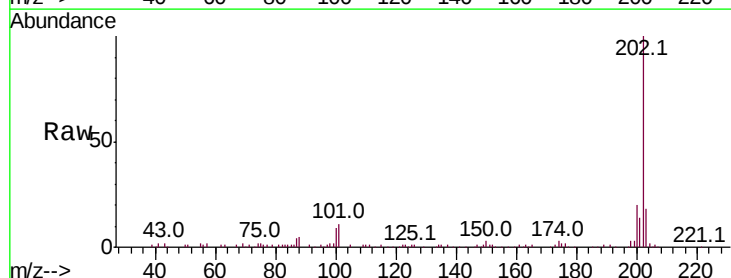


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

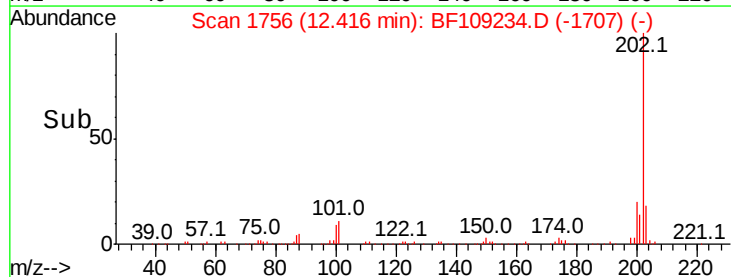
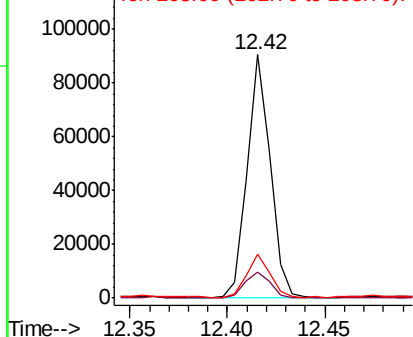


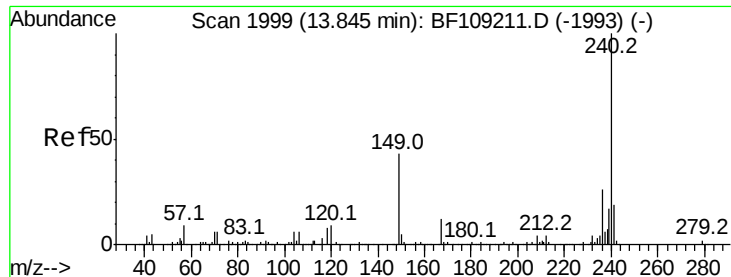
#74
Fluoranthene
Concen: 4.585 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.9	0.0	38.1



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: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109234.D

Acq: 22 Sep 2018 21:01

Instrument :

BNA_F

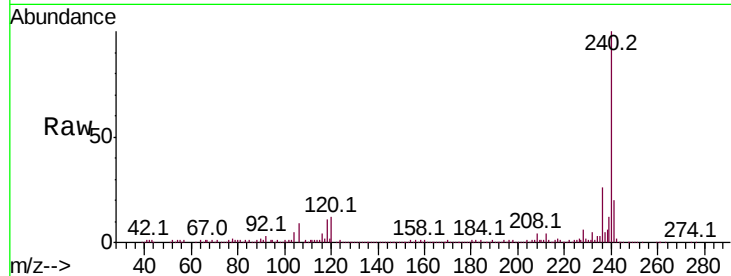
ClientSampleId :

PL-04-092018-A

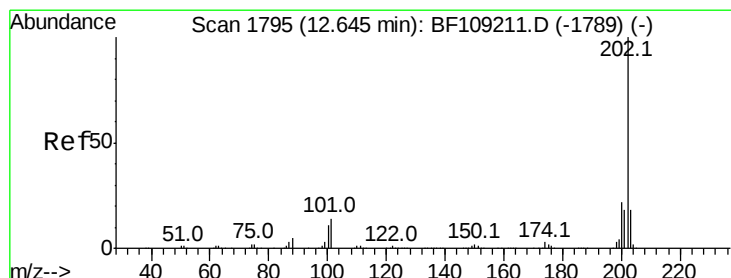
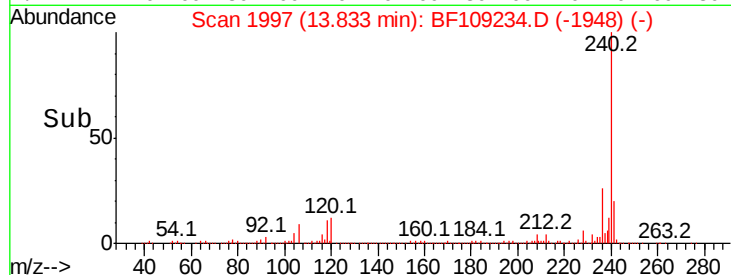
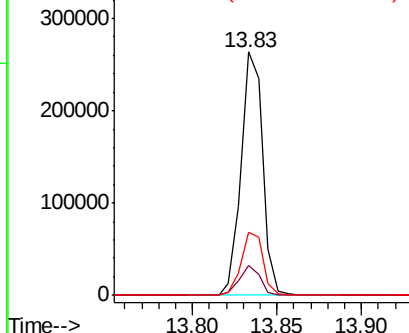
Tot Ion:	240	Resp:	235185
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1

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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

Pyrene

Concen: 4.202 ng

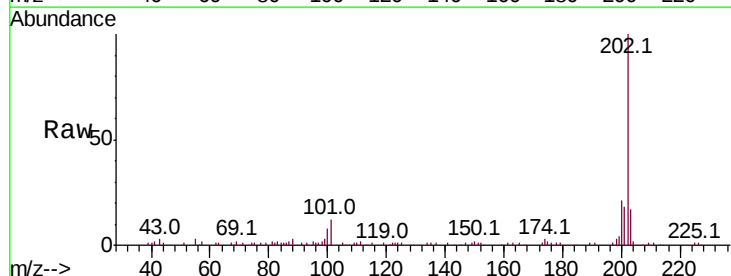
RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

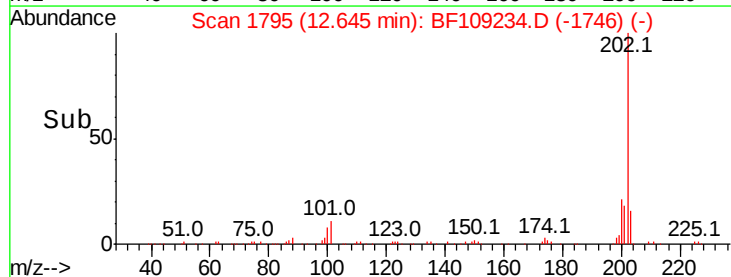
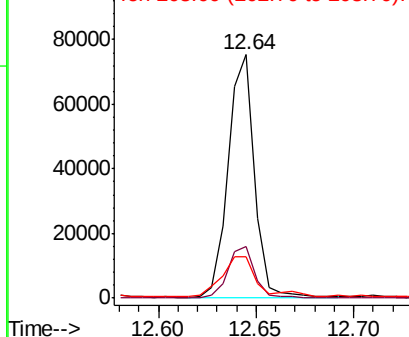
Lab File: BF109234.D

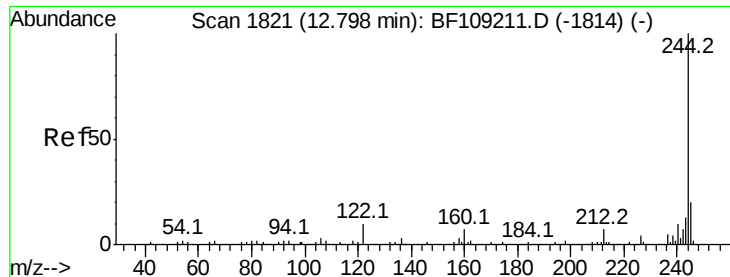
Acq: 22 Sep 2018 21:01

Tgt Ion:	202	Resp:	70833
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5



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





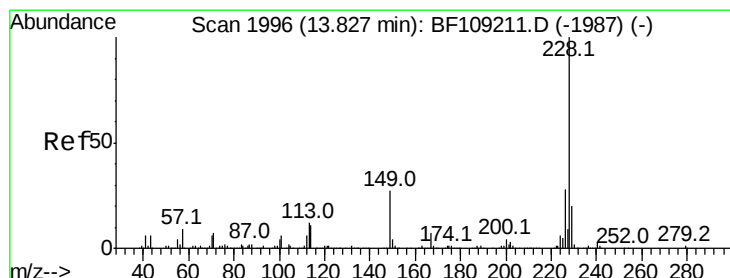
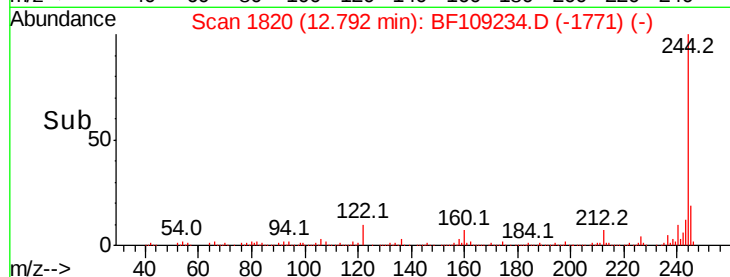
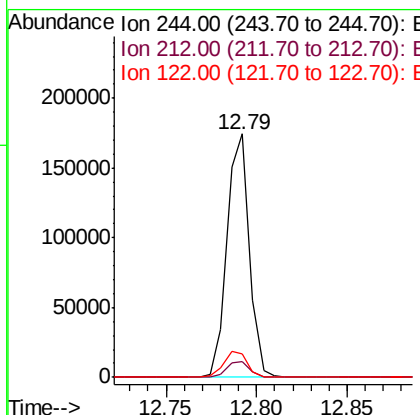
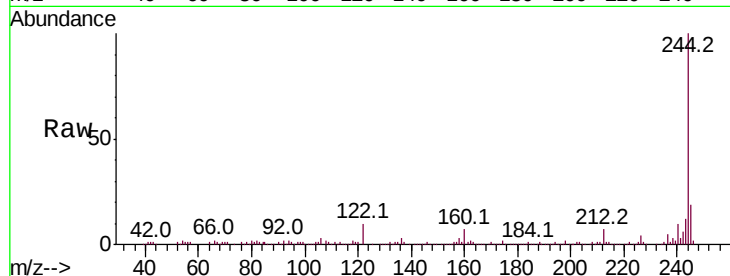
#78
 Terphenyl-d14
 Concen: 15.644 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109234.D
 Acq: 22 Sep 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PL-04-092018-A

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	11.0	16.4

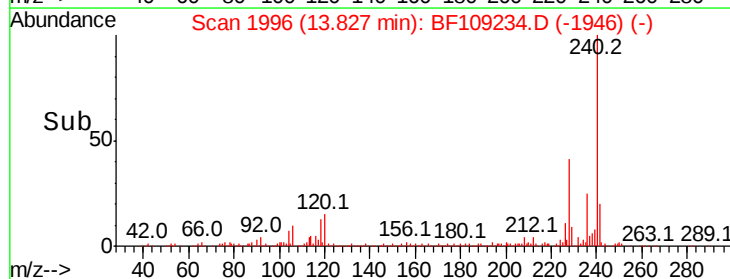
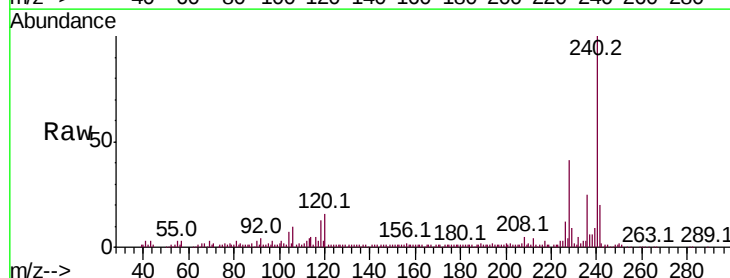
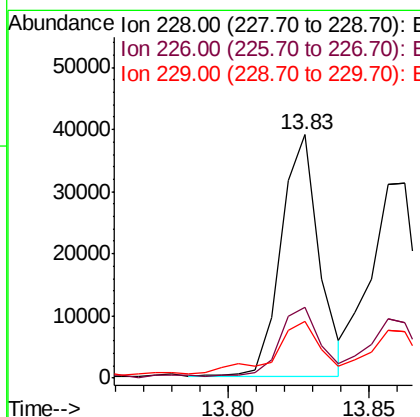
Manual Integrations
 APPROVED

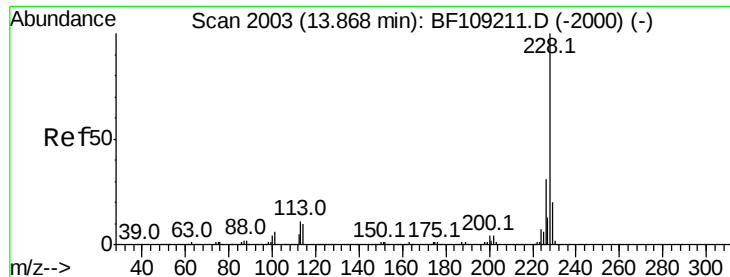
Sohil
 9/24/2018 11:39:04 AM



#80
 Benzo(a)anthracene
 Concen: 2.573 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109234.D
 Acq: 22 Sep 2018 21:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.0	22.6	33.8
229	23.2	15.8	23.6





#82

Chrysene

Concen: 2.576 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109234.D

Acq: 22 Sep 2018 21:01

Instrument :

BNA_F

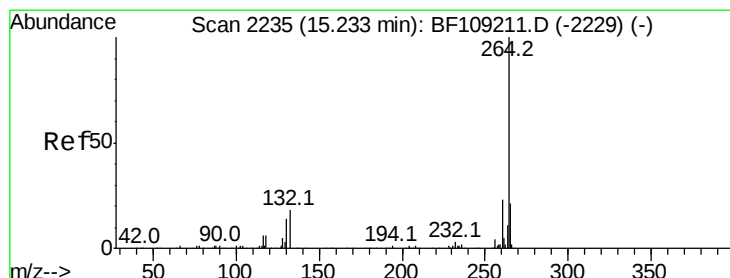
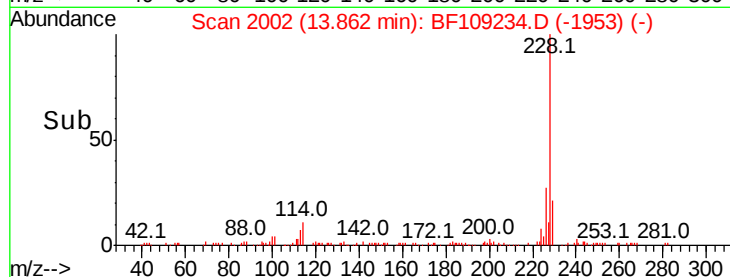
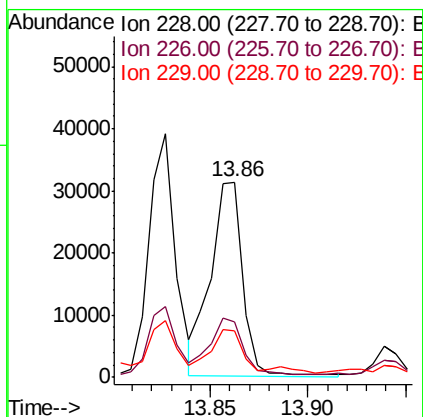
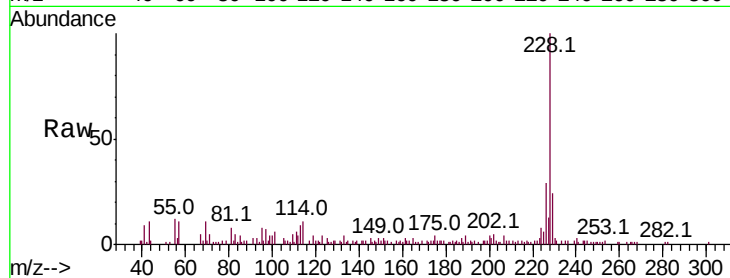
ClientSampleId :

PL-04-092018-A

Tot Ion:	228	Resp:	36175
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.0	37.6
229	23.8	16.2	24.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

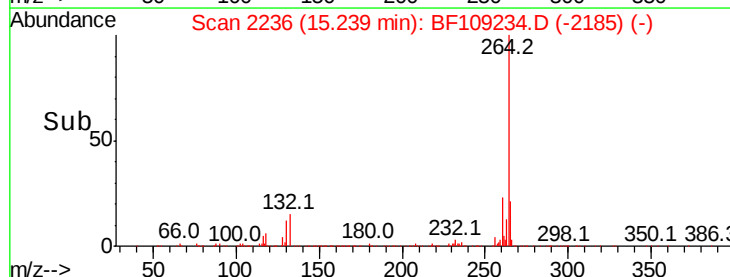
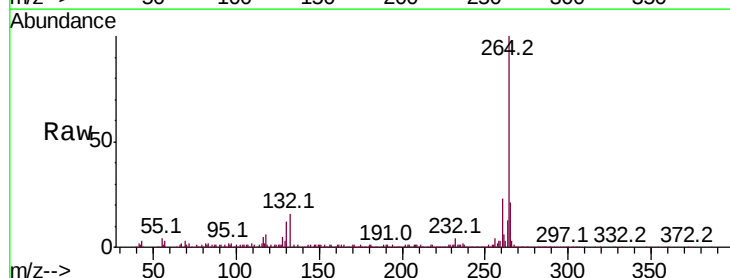
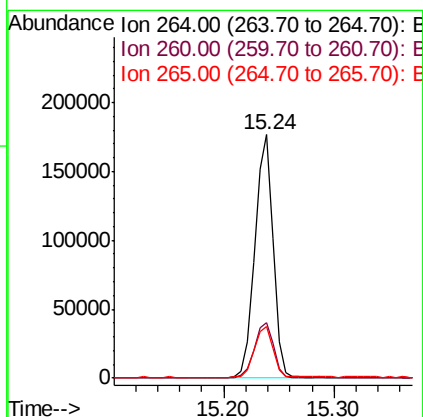
RT: 15.24 min Scan# 2236

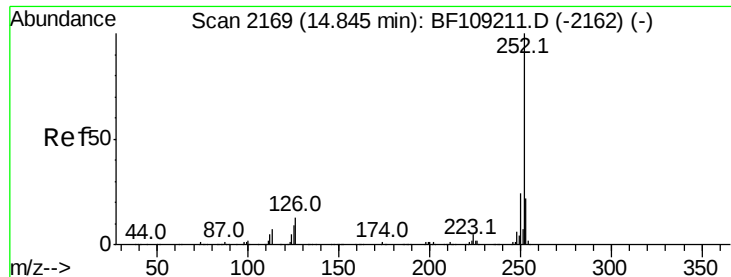
Delta R.T. -0.00 min

Lab File: BF109234.D

Acq: 22 Sep 2018 21:01

Tgt Ion:	264	Resp:	206496
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3





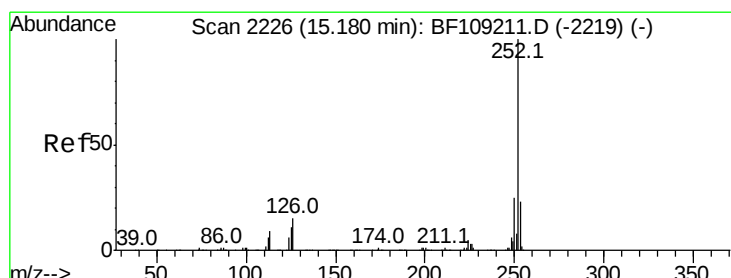
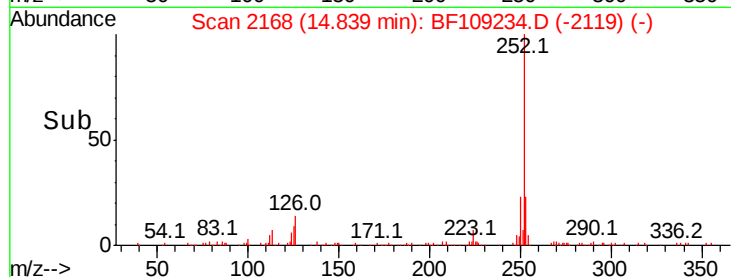
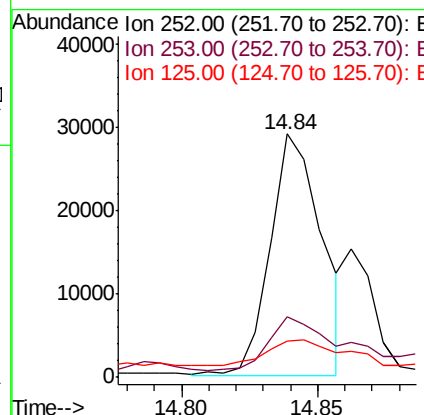
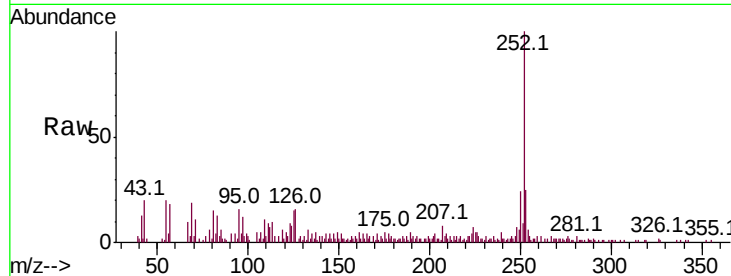
#87
Benzo(b)fluoranthene
Concen: 3.361 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PL-04-092018-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	14.8	9.0	13.6

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.506 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109234.D
Acq: 22 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.1	25.7
125	18.9	9.8	14.6

