

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109345.D
 Acq On : 26 Sep 2018 19:03
 Operator : JU/SJ
 Sample : J5046-01RE 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1RE

Manual Integrations
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Sohil
 9/27/2018 1:31:28 PM

Quant Time: Sep 27 09:19:46 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	127887	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	508649	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	237353	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	381189	20.00	ng	0.00
75) Chrysene-d12	13.84	240	324847	20.00	ng	0.00
86) Perylene-d12	15.24	264	319222	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	226851	29.22	ng	0.00
7) Phenol-d6	6.34	99	299202	30.20	ng	-0.02
23) Nitrobenzene-d5	7.26	82	178837	20.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	65517	28.00	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	260971	16.58	ng	-0.01
78) Terphenyl-d14	12.79	244	179085	13.53	ng	-0.01

Target Compounds				Qvalue		
48) Acenaphthylene	9.60	152	53031	2.275	ng	96
49) Dimethylphthalate	9.46	163	92183	5.340	ng	# 99
70) Phenanthrene	11.24	178	247390	12.998	ng	97
74) Fluoranthene	12.42	202	173697	8.540	ng	94
77) Pyrene	12.65	202	251431	10.800	ng	99
80) Benzo(a)anthracene	13.83	228	106923m	5.465	ng	
82) Chrysene	13.86	228	124660	6.428	ng	96
85) Indeno(1,2,3-cd)pyrene	16.58	276	34405	2.189	ng	96
87) Benzo(b)fluoranthene	14.84	252	101850m	5.806	ng	
89) Benzo(a)pyrene	15.18	252	80687	5.105	ng	97
91) Benzo(g,h,i)perylene	16.99	276	38420	3.015	ng	# 92

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

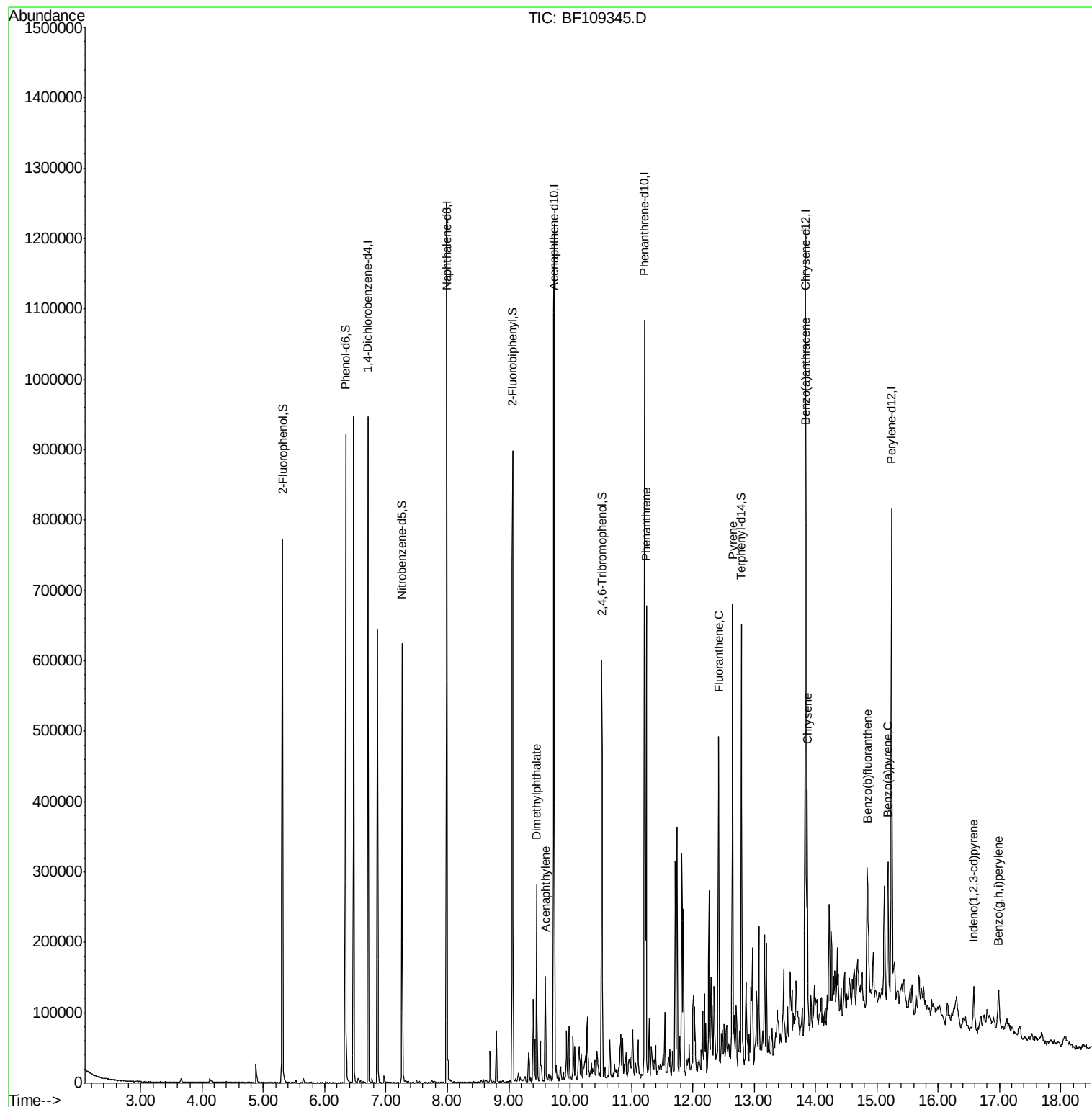
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

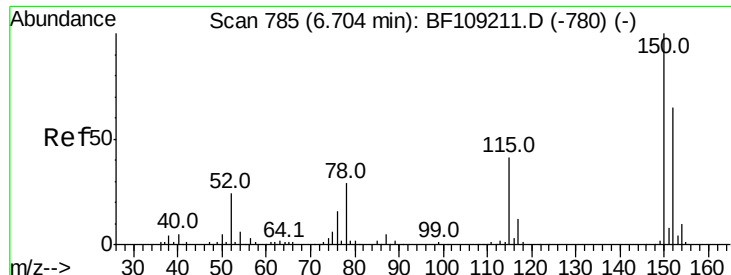
Instrument :
BNA_F
ClientSampleId :
S1RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

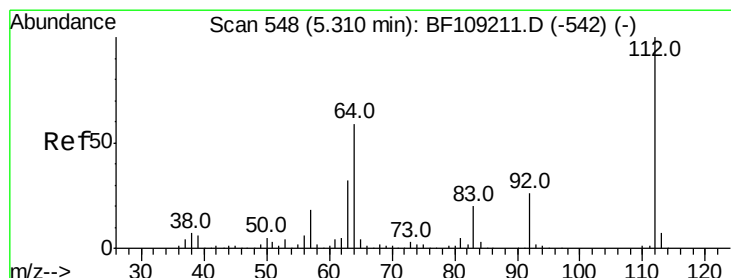
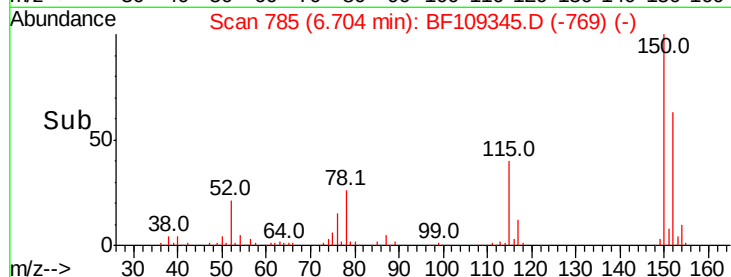
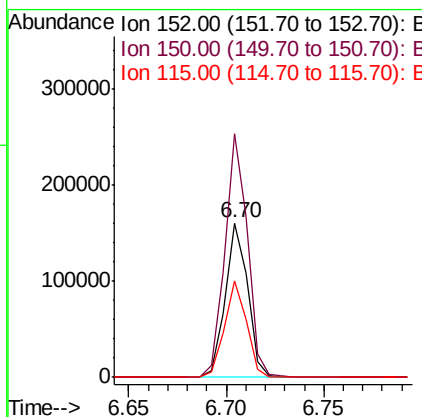
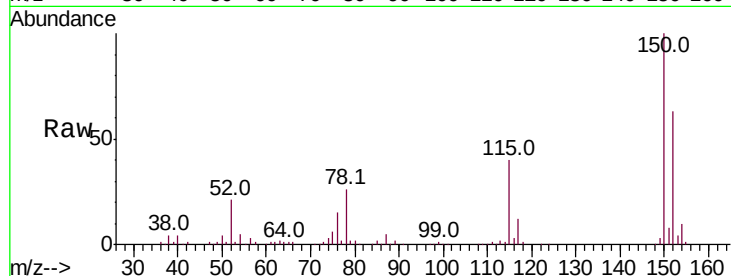
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :
S1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.6	50.1	75.1

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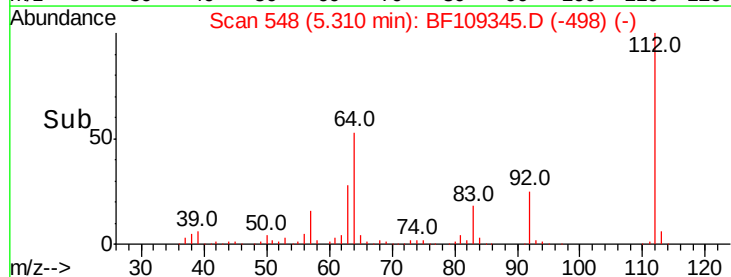
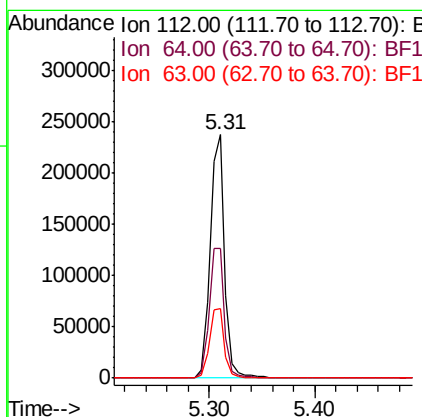
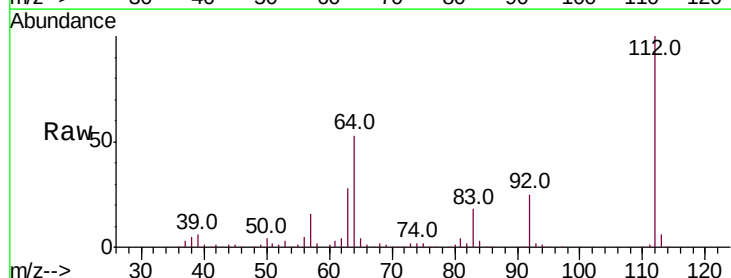
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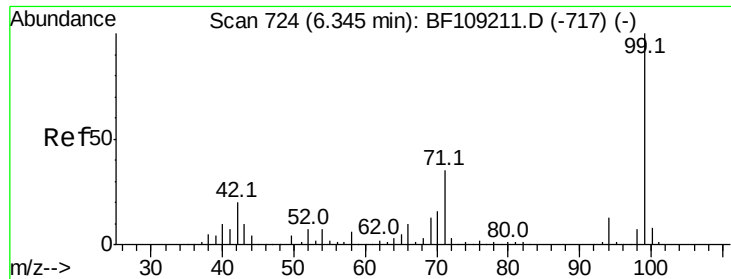


#5

2-Fluorophenol
Concen: 29.217 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 30.199 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109345.D

Acq: 26 Sep 2018 19:03

Instrument :

BNA_F

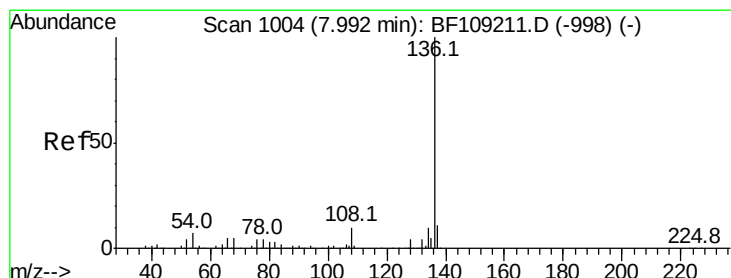
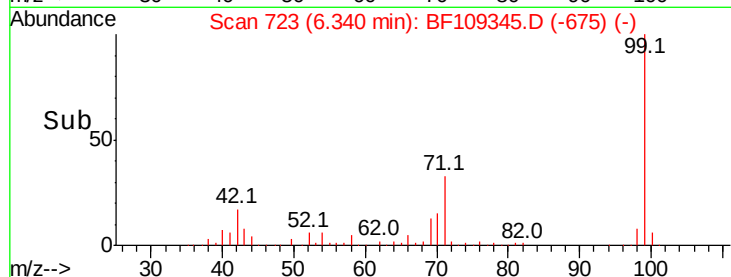
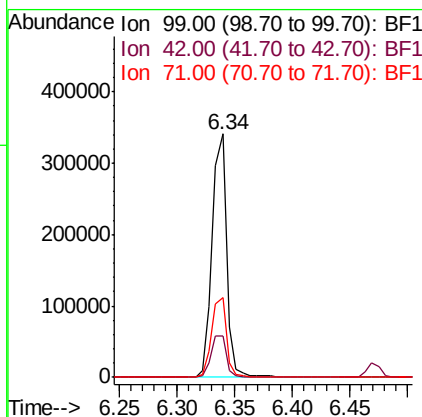
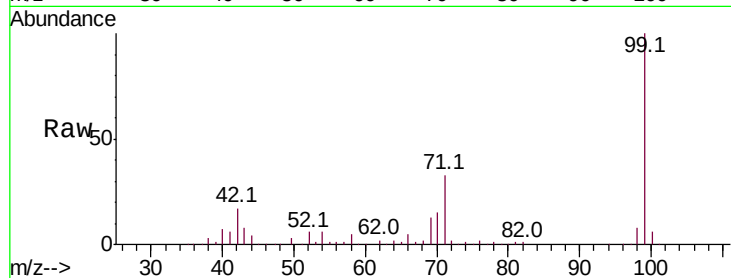
ClientSampled :

S1RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		299202		
42	17.2	14.5	21.7		
71	33.0	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

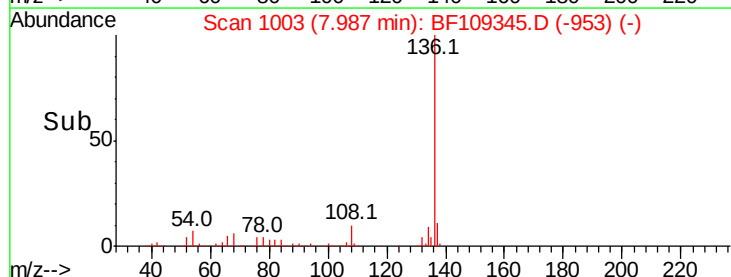
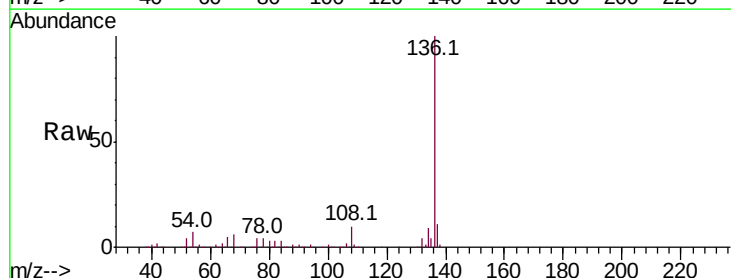
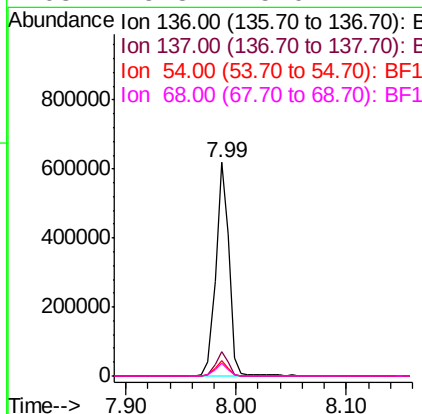
RT: 7.99 min Scan# 1003

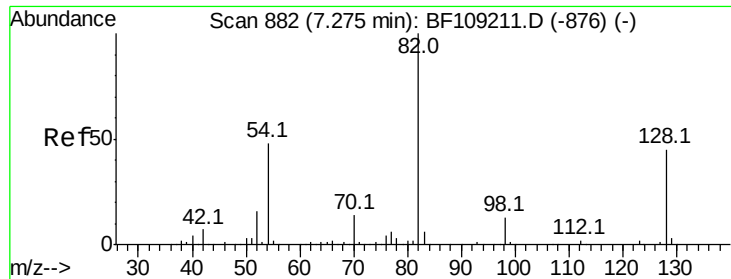
Delta R.T. -0.01 min

Lab File: BF109345.D

Acq: 26 Sep 2018 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		508649		
137	11.2	8.9	13.3		
54	7.4	6.6	9.8		
68	5.8	5.0	7.4		





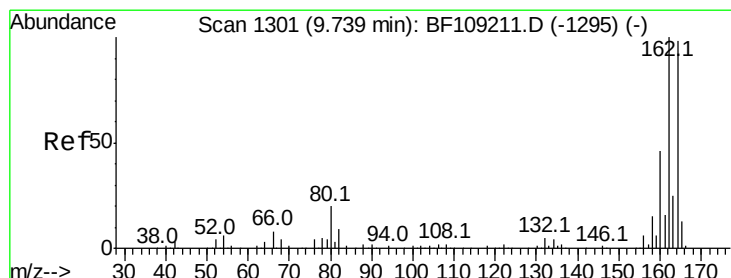
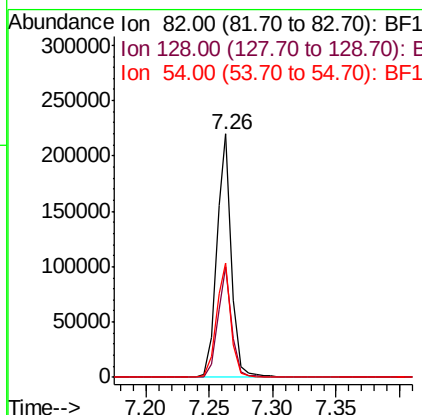
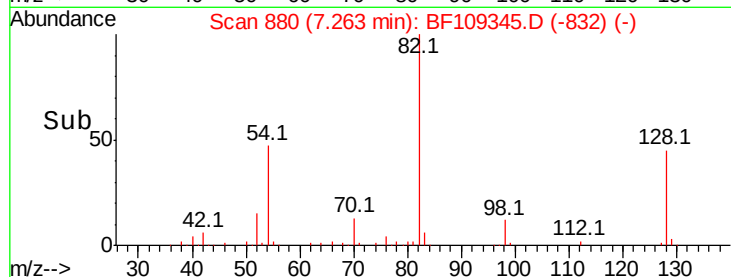
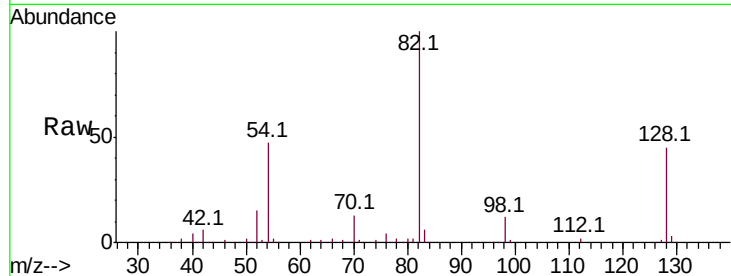
#23
 Nitrobenzene-d5
 Concen: 20.755 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109345.D
 Acq: 26 Sep 2018 19:03

Instrument :
 BNA_F
 ClientSampled :
 S1RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.8	41.4	62.2

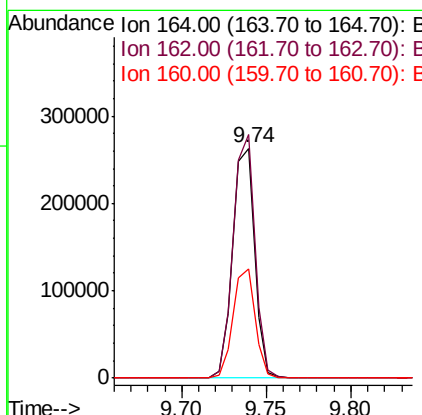
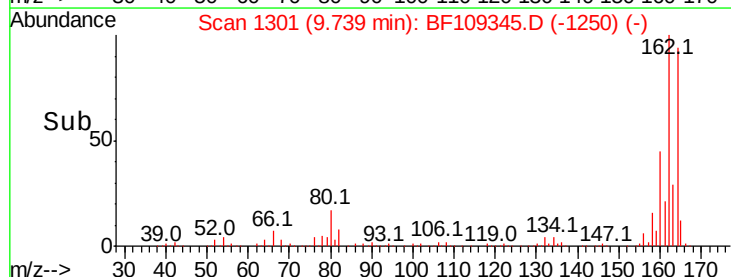
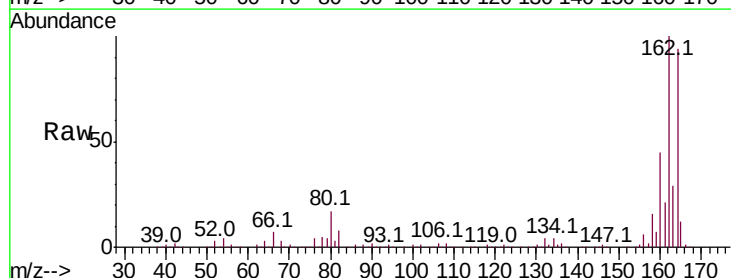
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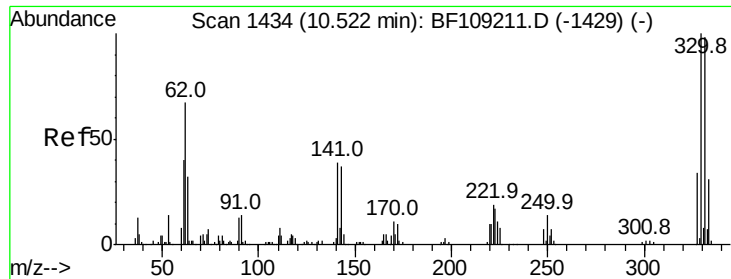
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109345.D
 Acq: 26 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	47.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 28.001 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109345.D

Acq: 26 Sep 2018 19:03

Instrument :

BNA_F

ClientSampled :

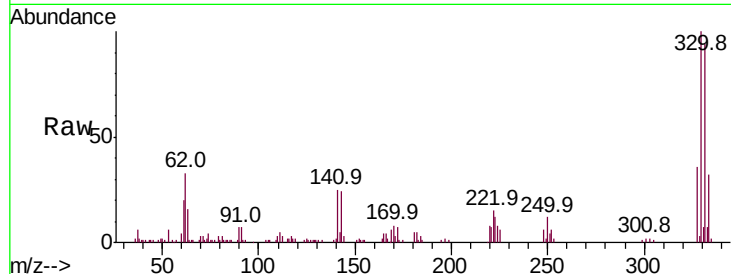
S1RE

Tot Ion:	330	Resp:	65517
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.0	115.6
141	33.9	29.9	44.9

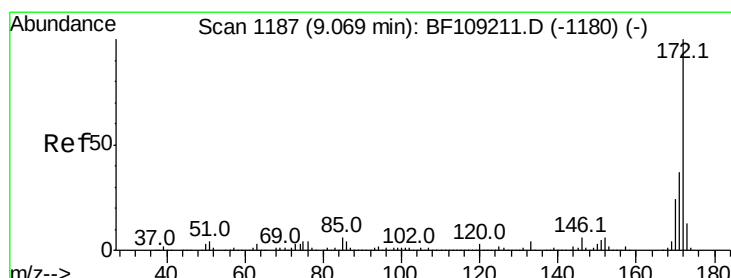
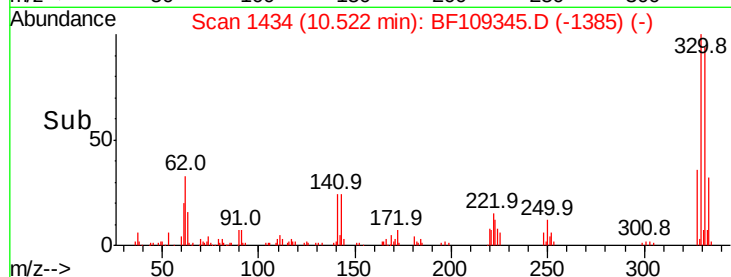
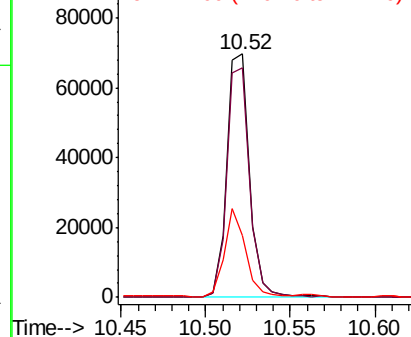
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 16.583 ng

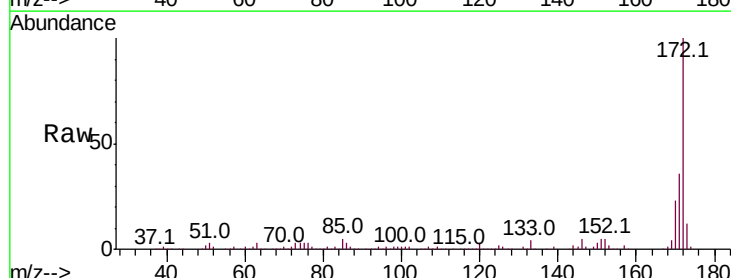
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

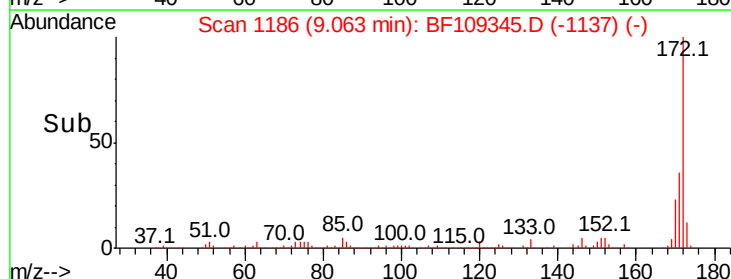
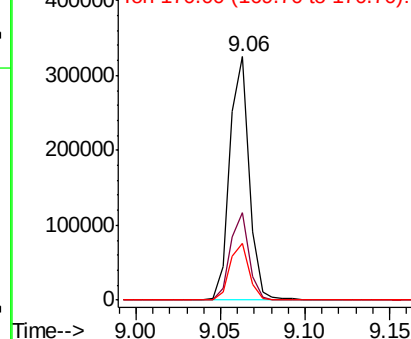
Lab File: BF109345.D

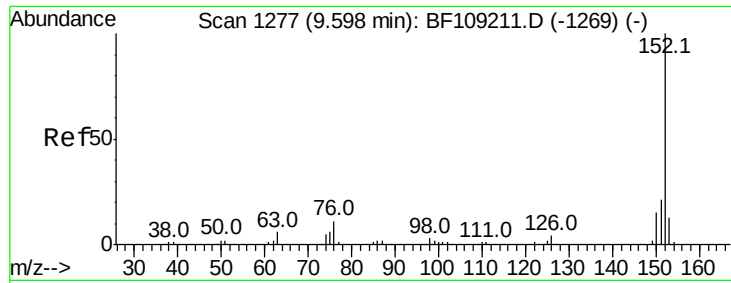
Acq: 26 Sep 2018 19:03

Tgt Ion:	172	Resp:	260971
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.3	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





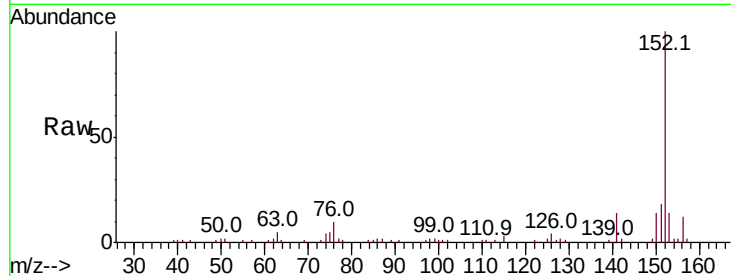
#48
Acenaphthylene
Concen: 2.275 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :
S1RE

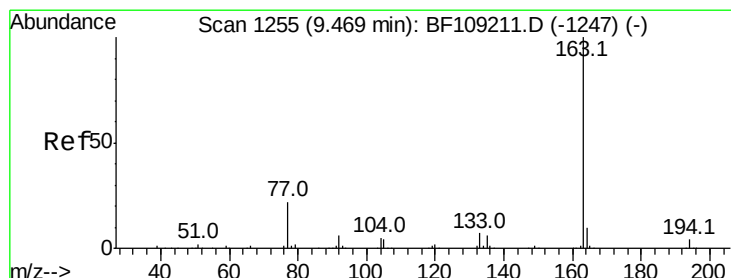
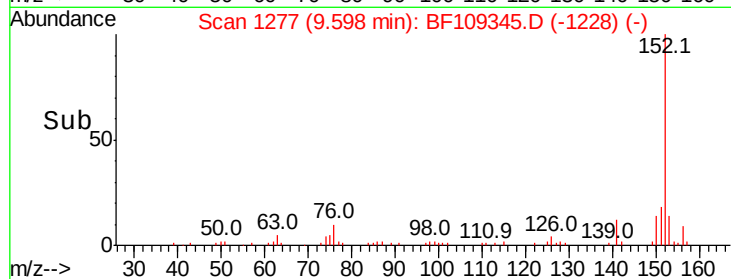
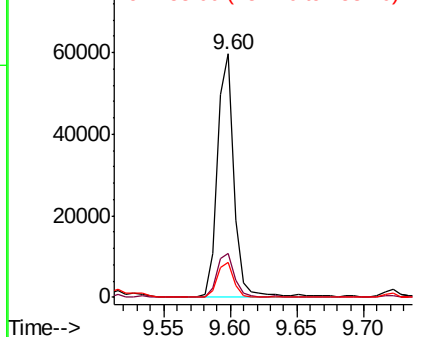
Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	14.3	10.7	16.1

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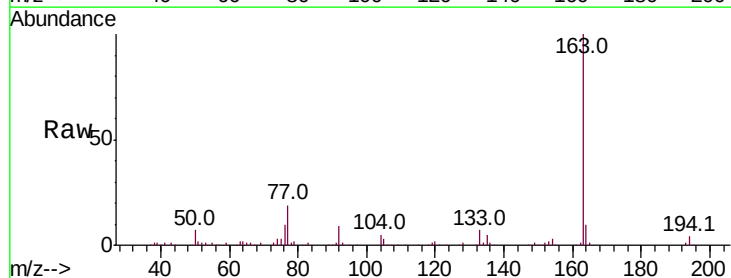


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

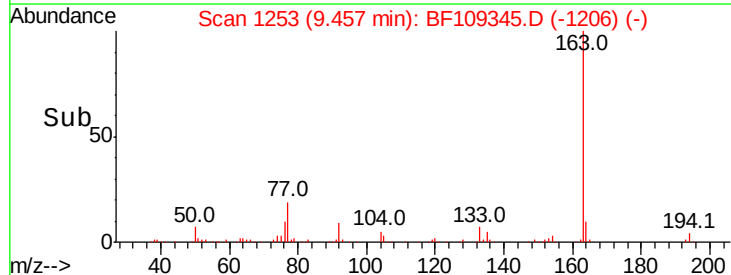
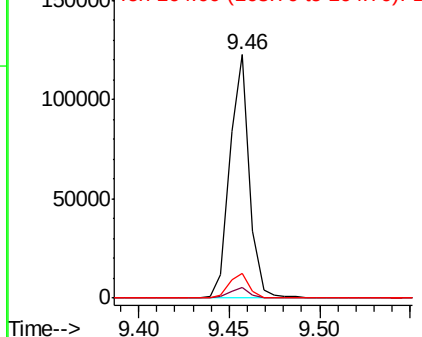


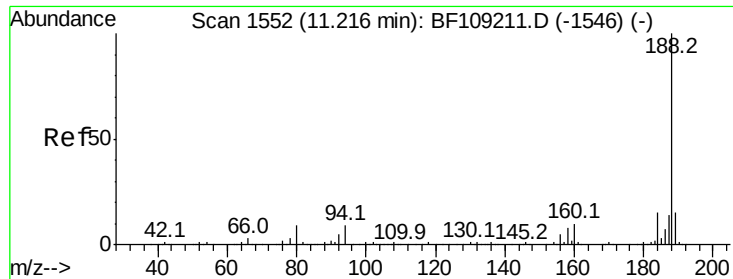
#49
Dimethylphthalate
Concen: 5.340 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.2	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





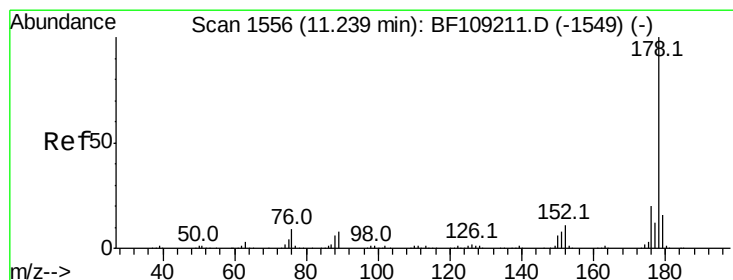
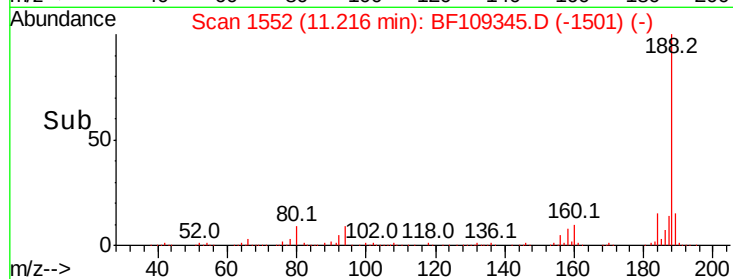
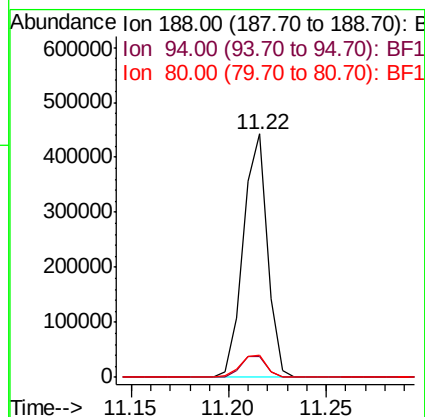
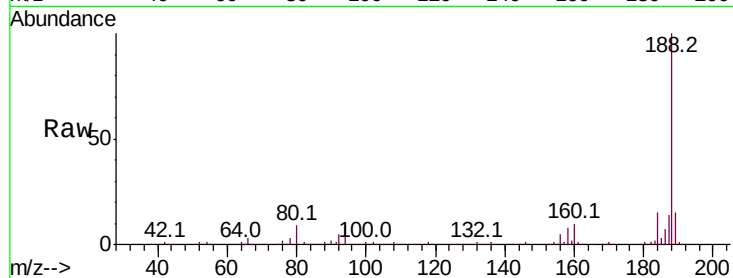
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :
S1RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8

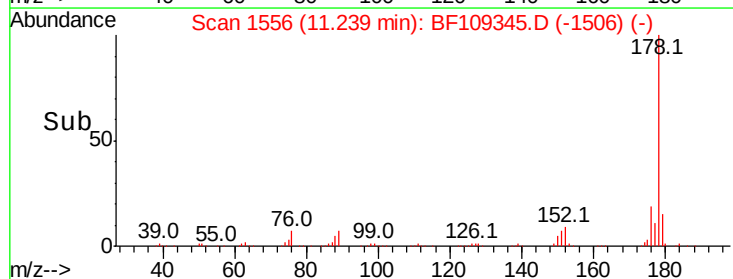
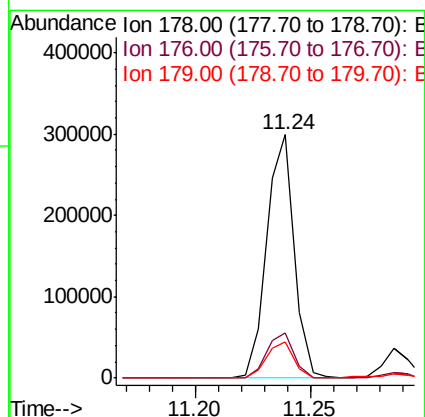
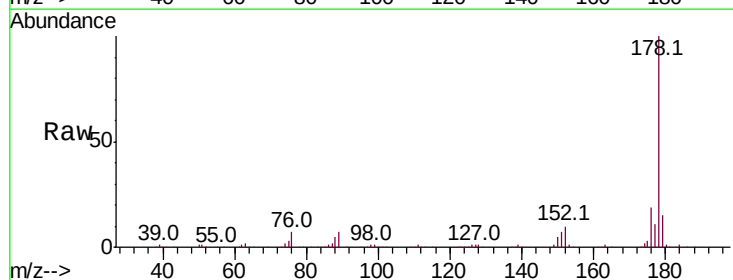
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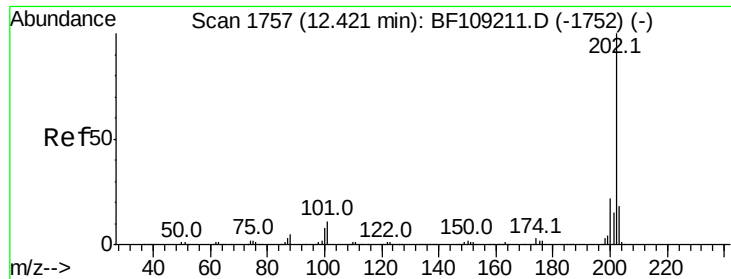
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#70
Phenanthrene
Concen: 12.998 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 8.540 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109345.D

Acq: 26 Sep 2018 19:03

Instrument :

BNA_F

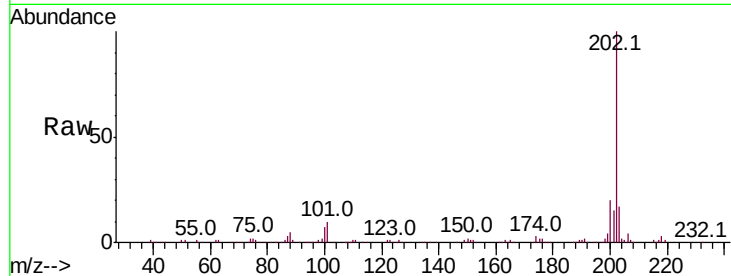
ClientSampled :

S1RE

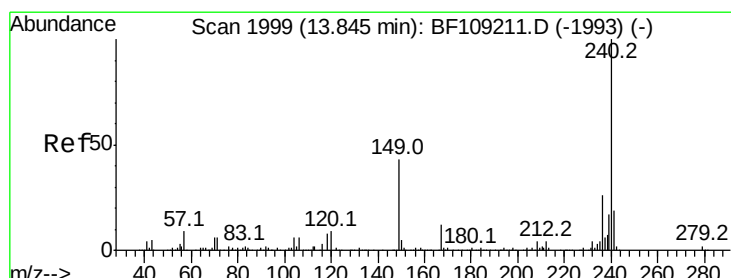
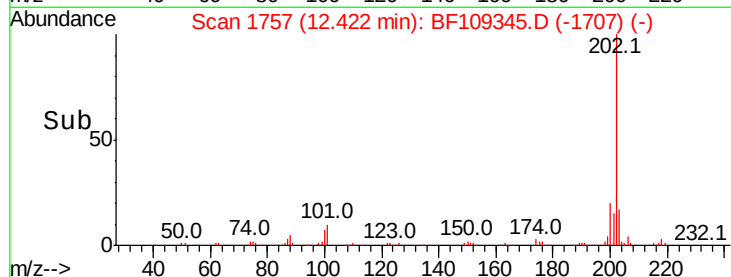
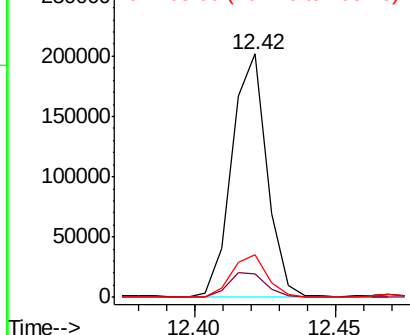
Tot Ion:	202	Resp:	173697
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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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: 20.000 ng

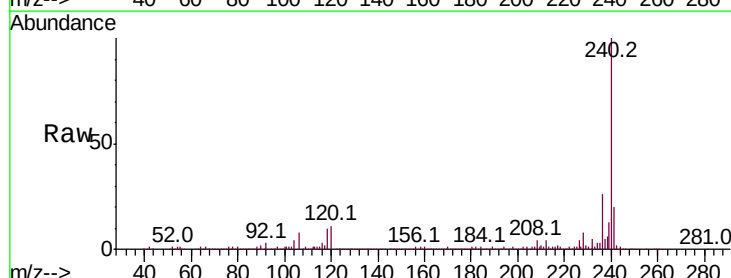
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

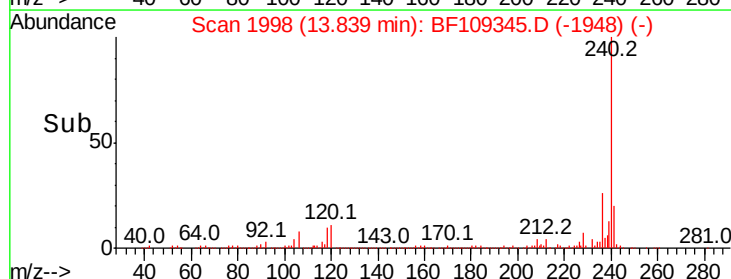
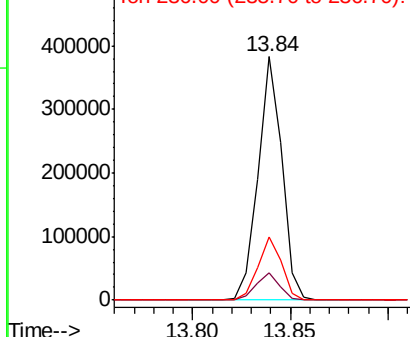
Lab File: BF109345.D

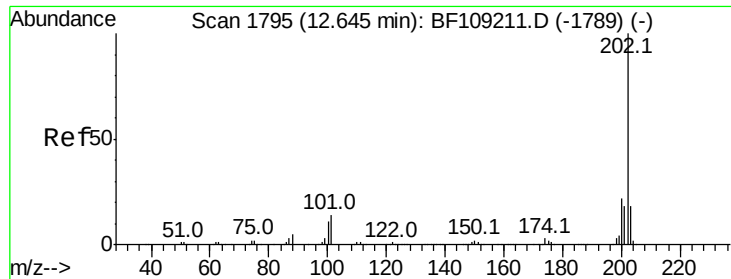
Acq: 26 Sep 2018 19:03

Tgt Ion:	240	Resp:	324847
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.0	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: 10.800 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109345.D

Acq: 26 Sep 2018 19:03

Instrument :

BNA_F

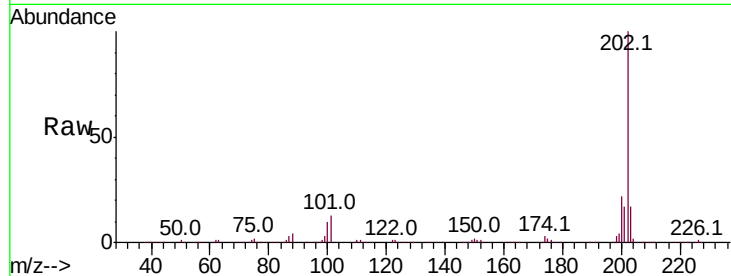
ClientSampled :

S1RE

Tot Ion:	202	Resp:	251431
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.5	14.3	21.5

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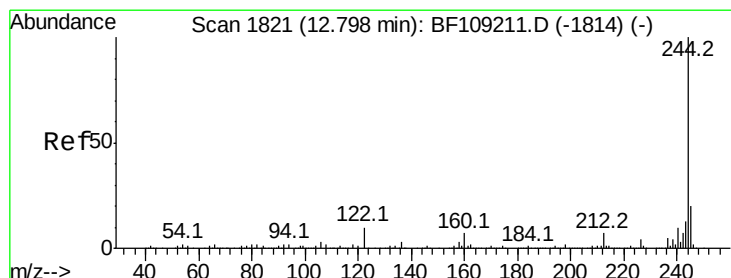
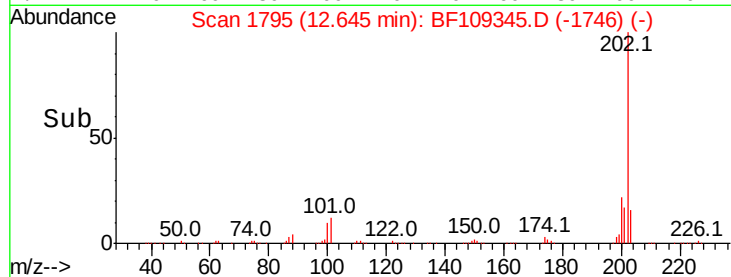
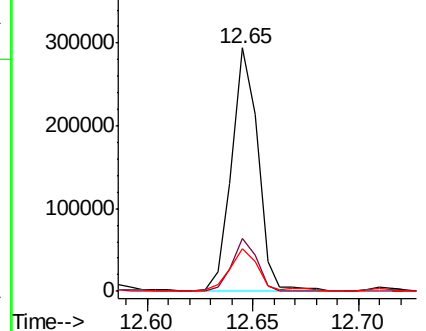
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 13.530 ng

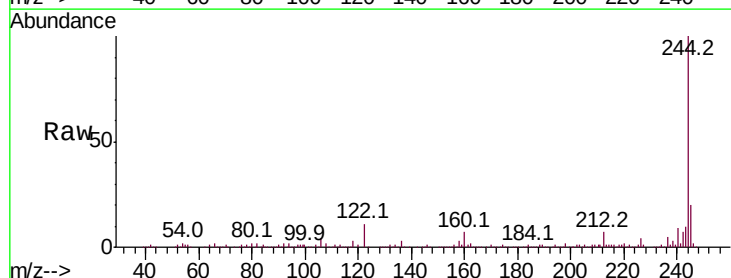
RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109345.D

Acq: 26 Sep 2018 19:03

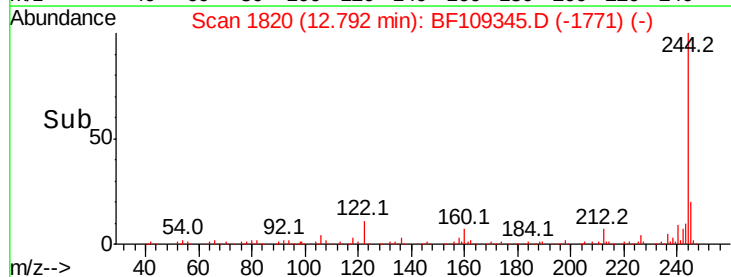
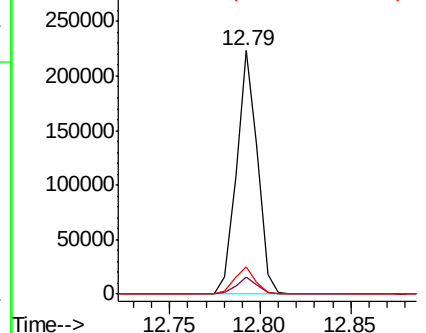
Tgt Ion:	244	Resp:	179085
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.3	11.0	16.4

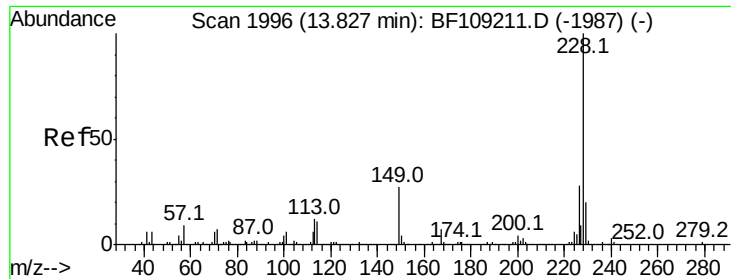


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





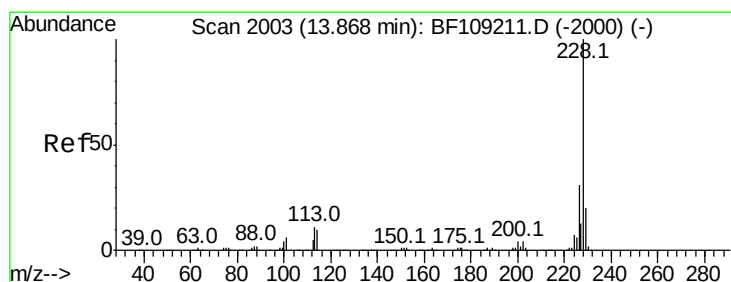
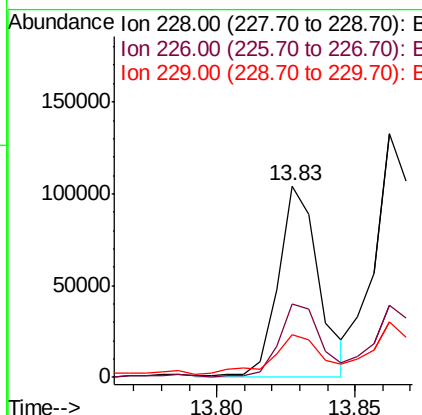
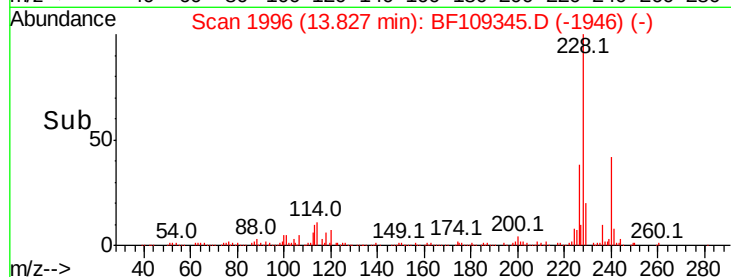
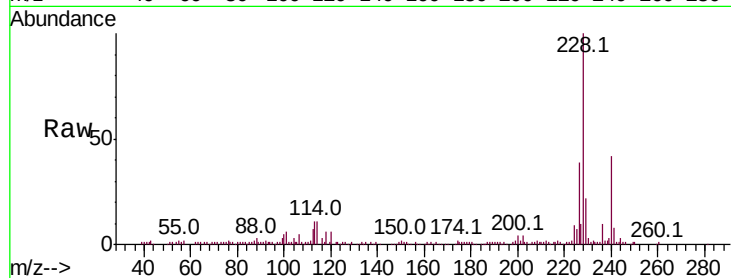
#80
Benzo(a)anthracene
Concen: 5.465 ng m
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :
S1RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.5	22.6	33.8#
229	22.1	15.8	23.6

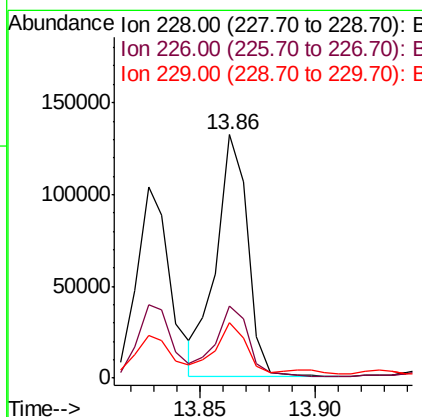
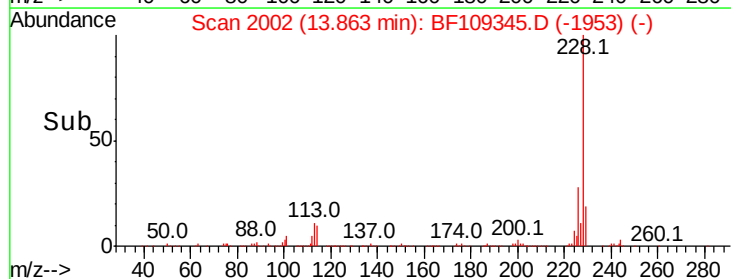
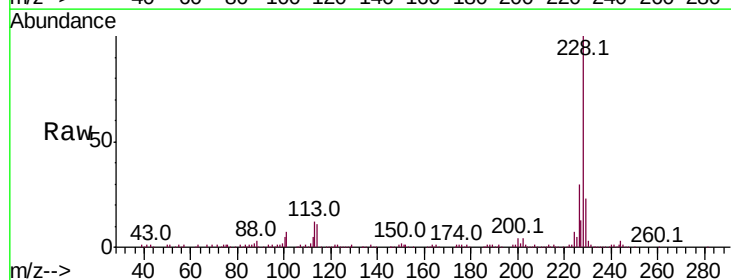
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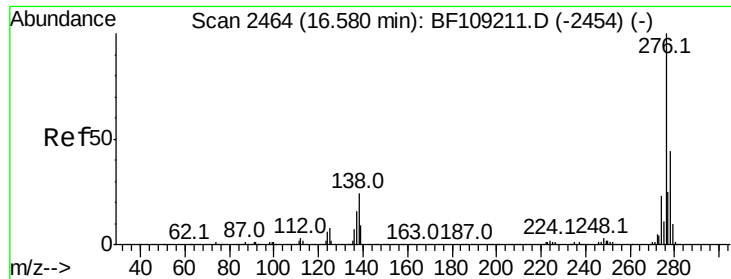
Sohil
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#82
Chrysene
Concen: 6.428 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	22.7	16.2	24.4





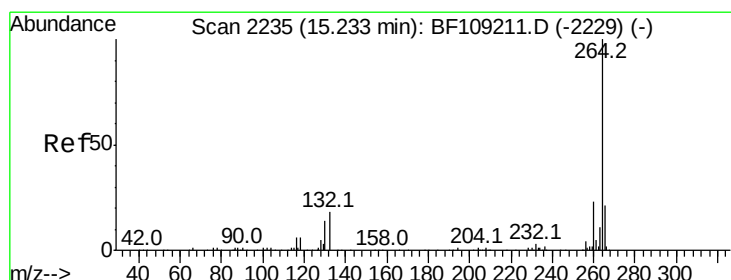
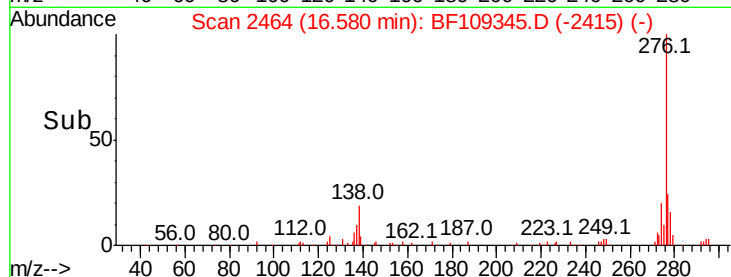
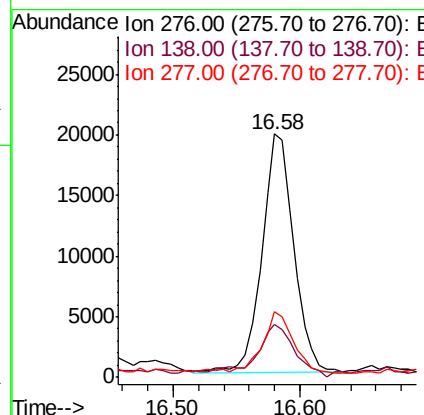
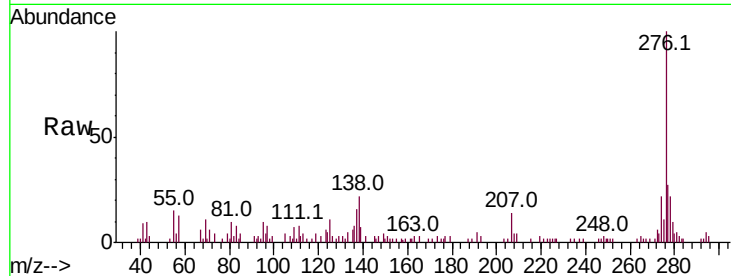
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.189 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :
S1RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	24.8	20.1	30.1

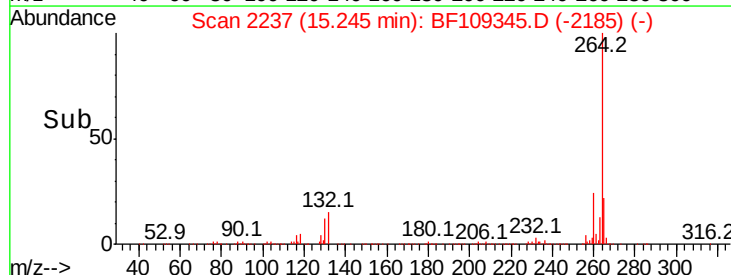
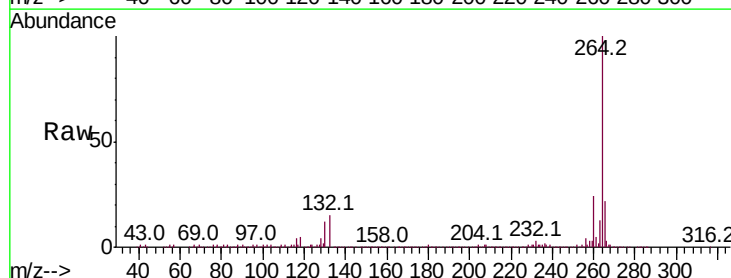
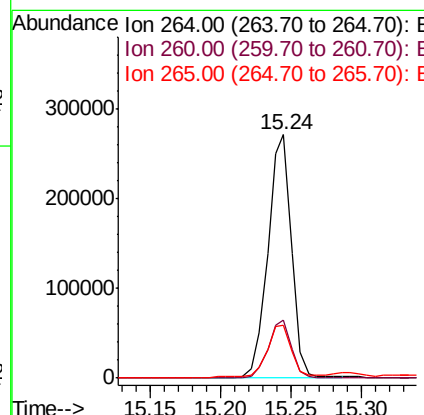
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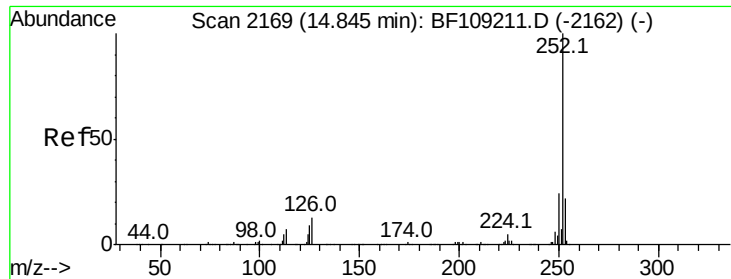
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3





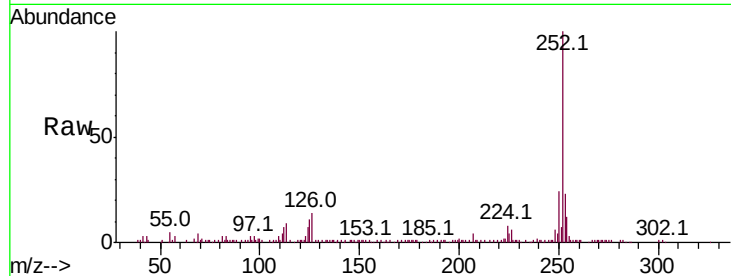
#87
Benzo(b)fluoranthene
Concen: 5.806 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :
S1RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.3	9.0	13.6

Manual Integrations
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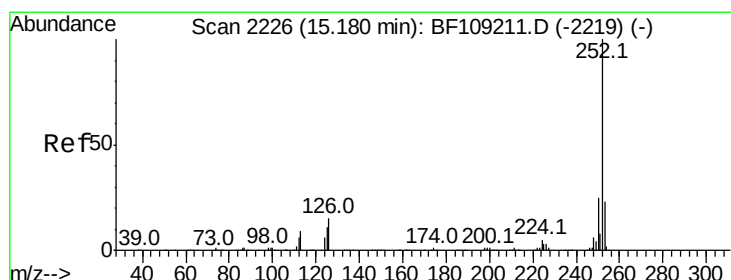
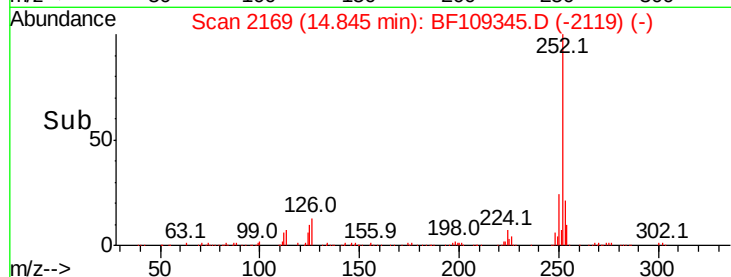
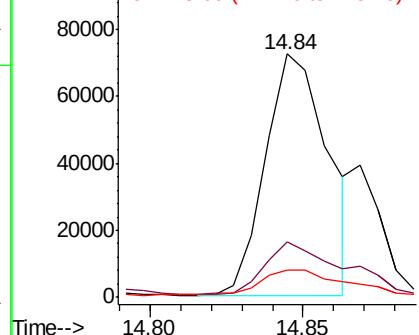


Abundance

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



#89
Benzo(a)pyrene
Concen: 5.105 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109345.D
Acq: 26 Sep 2018 19:03

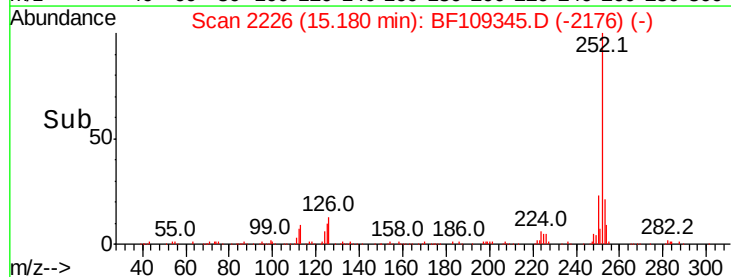
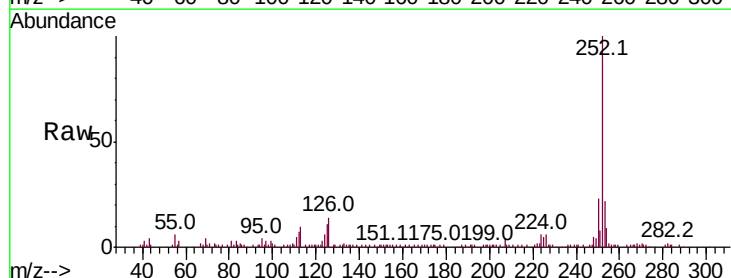
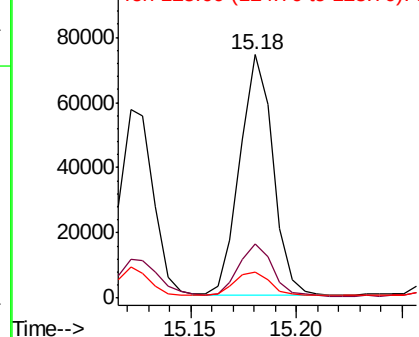
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.8	9.8	14.6

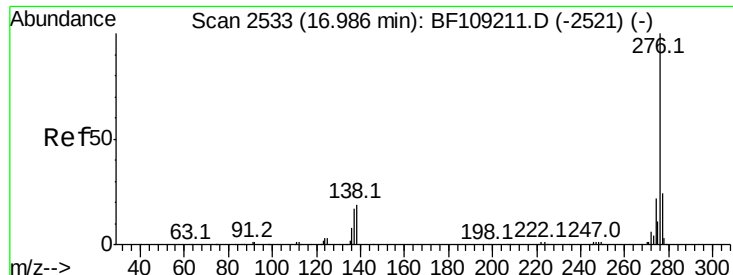
Abundance

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





#91
 Benzo(a,h,i)perylene
 Concen: 3.015 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF109345.D
 Acq: 26 Sep 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 S1RE

Tot Ion:	276	Resp:	38420
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	20.8	21.8	32.8#

Manual Integrations
 APPROVED

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