

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109547.D
 Acq On : 3 Oct 2018 15:40
 Operator : JU/SJ
 Sample : J5220-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-05

Manual Integrations
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Sohil
 10/4/2018 11:44:00 AM

Quant Time: Oct 03 17:24:05 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	111677	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	410858	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	172981	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	274913	20.00	ng	0.00
75) Chrysene-d12	13.84	240	252709	20.00	ng	0.00
86) Perylene-d12	15.24	264	226010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	725323	106.97	ng	0.00
7) Phenol-d6	6.35	99	962381	111.23	ng	0.00
23) Nitrobenzene-d5	7.27	82	617219	88.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	195066	114.39	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	971345	84.69	ng	-0.02
78) Terphenyl-d14	12.79	244	712143	69.16	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	311313	24.744	ng	100
70) Phenanthrene	11.23	178	27611	2.012	ng	95
74) Fluoranthene	12.42	202	60853	4.148	ng	93
77) Pyrene	12.64	202	47172	2.605	ng	97
87) Benzo(b)fluoranthene	14.84	252	30871m	2.486	ng	

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

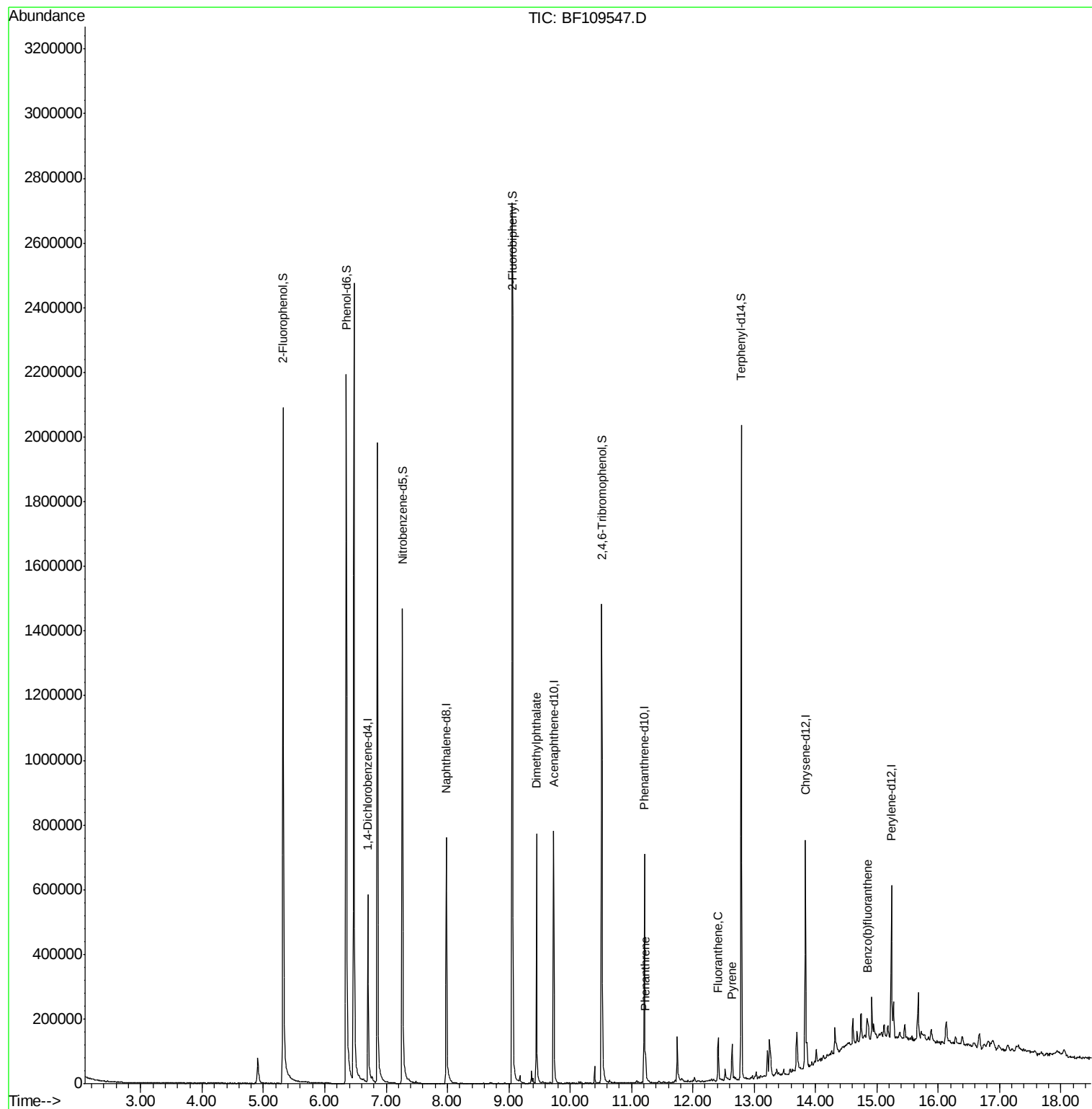
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109547.D
Acq On : 3 Oct 2018 15:40
Operator : JU/SJ
Sample : J5220-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

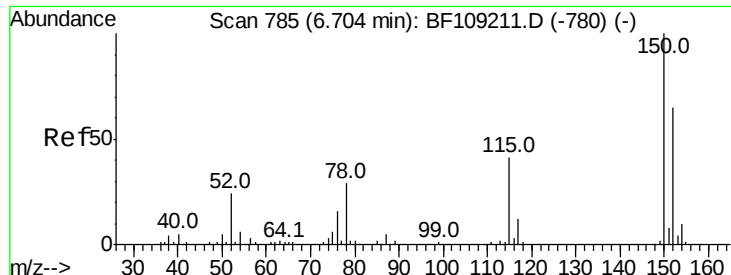
Instrument :
BNA_F
ClientSampleId :
TS-05

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10/4/2018 11:44:00 AM

Quant Time: Oct 03 17:24:05 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





#1

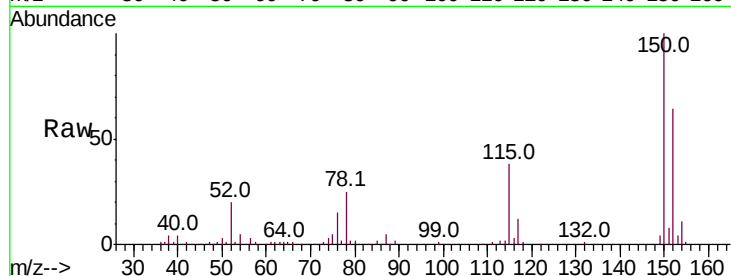
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109547.D
Acq: 3 Oct 2018 15:40

Instrument :
BNA_F
ClientSampled :
TS-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.9	50.1	75.1

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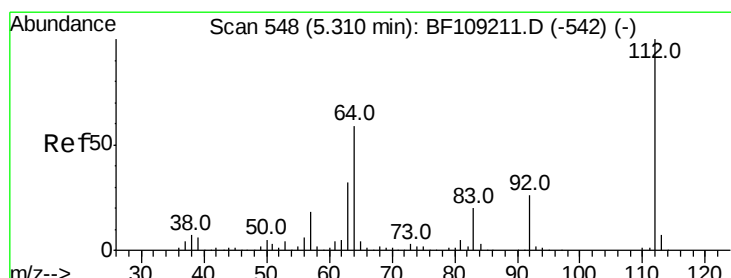
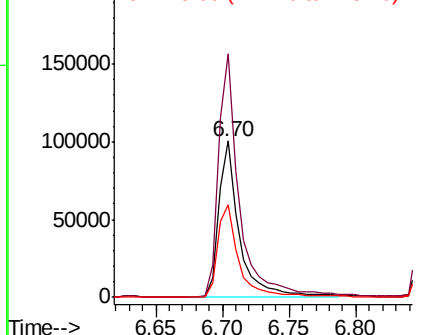
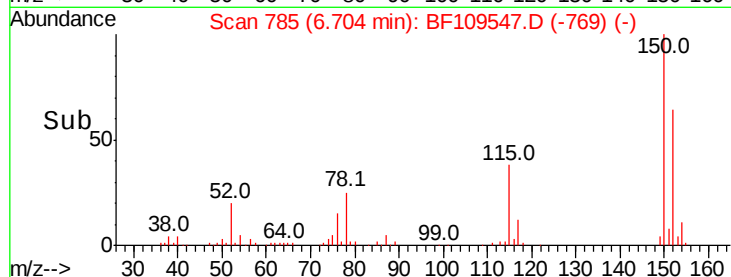


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

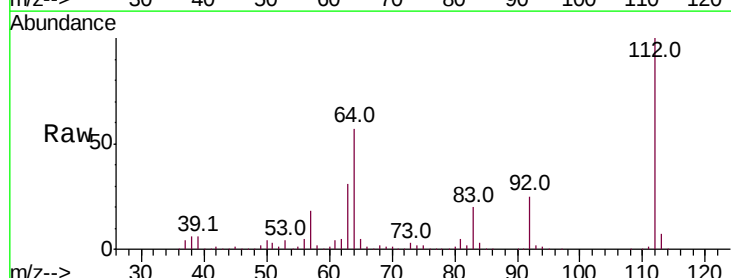
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.975 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109547.D
Acq: 3 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	31.3	23.7	35.5

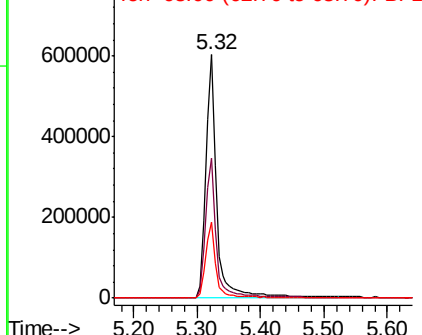
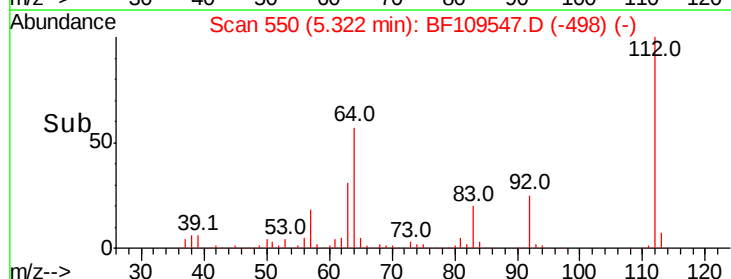


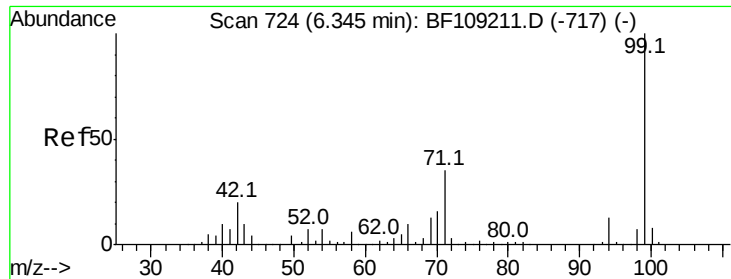
Abundance

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: 111.233 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109547.D

Acq: 3 Oct 2018 15:40

Instrument :

BNA_F

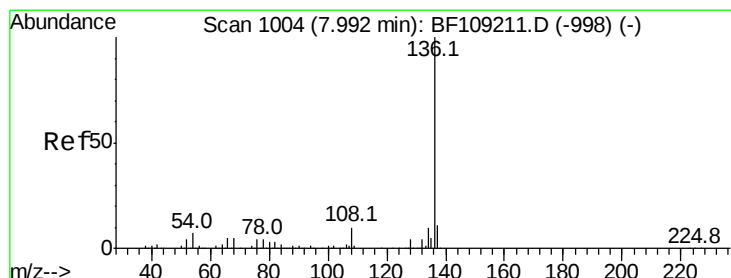
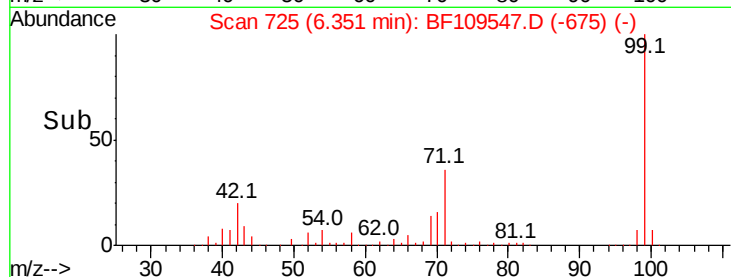
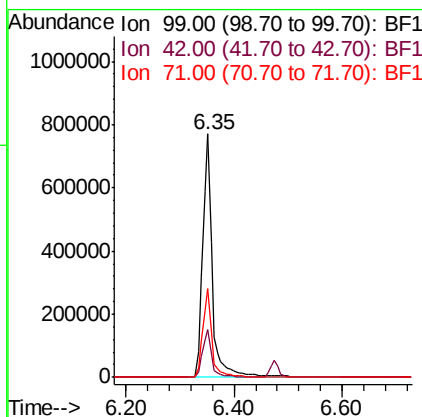
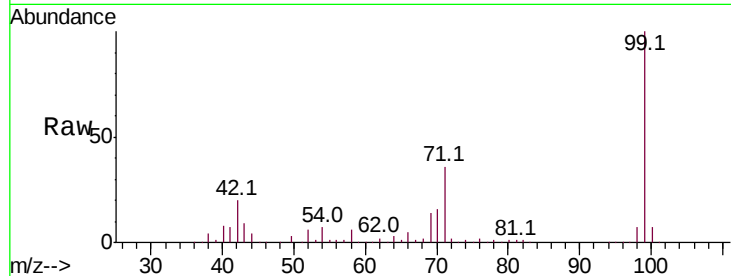
ClientSampled :

TS-05

Tot Ion:	99	Resp:	962381
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	36.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

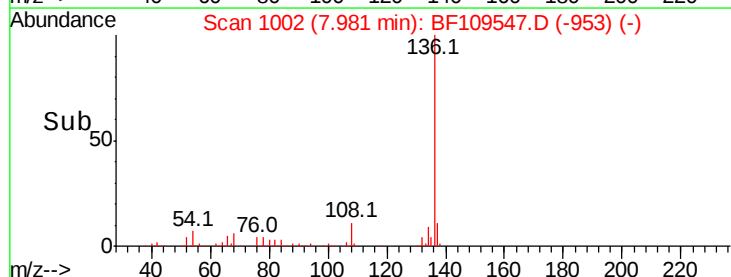
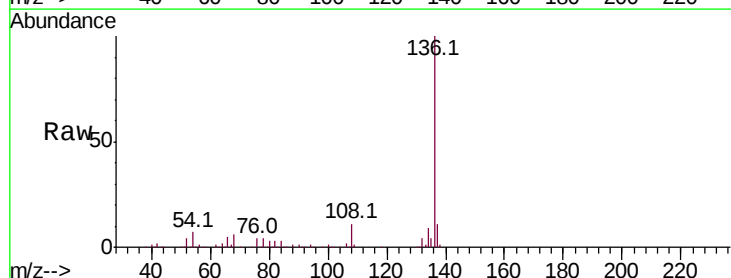
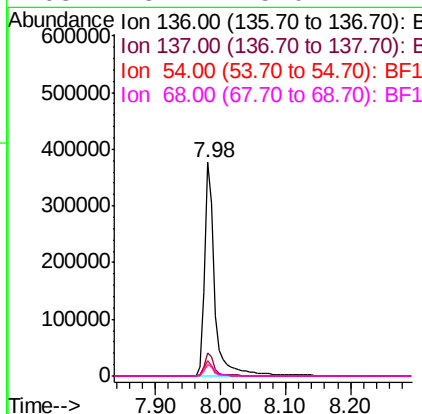
RT: 7.98 min Scan# 1002

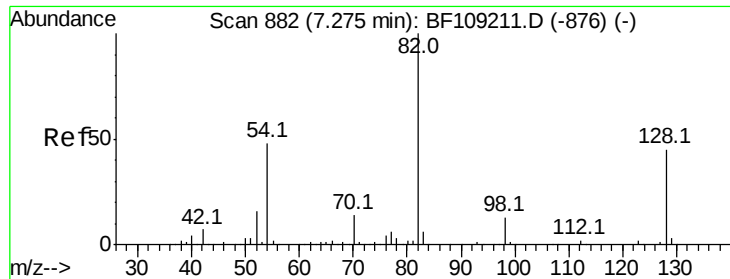
Delta R.T. -0.01 min

Lab File: BF109547.D

Acq: 3 Oct 2018 15:40

Tgt Ion:	136	Resp:	410858
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4





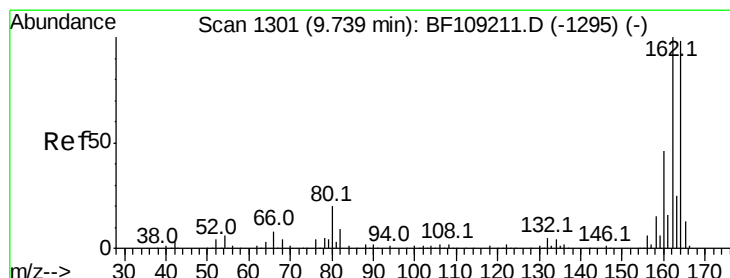
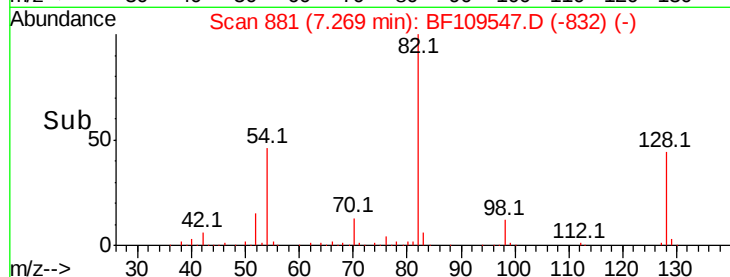
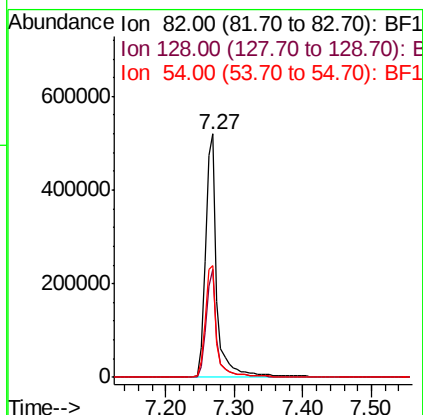
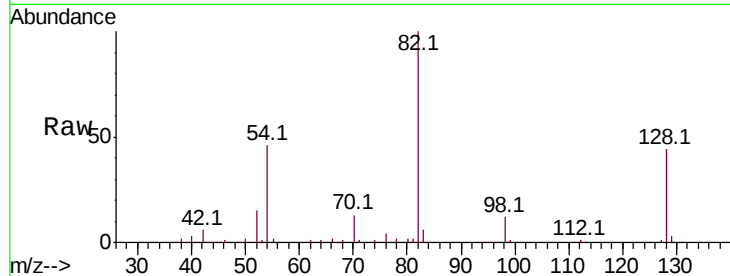
#23
 Nitrobenzene-d5
 Concen: 88.681 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Instrument :
 BNA_F
 ClientSampled :
 TS-05

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	46.0	41.4	62.2

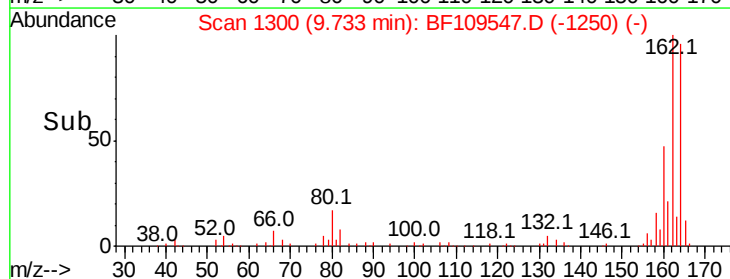
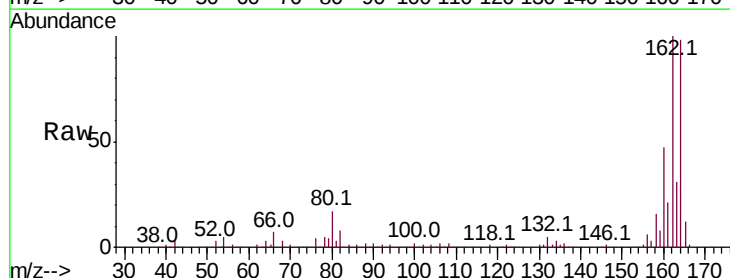
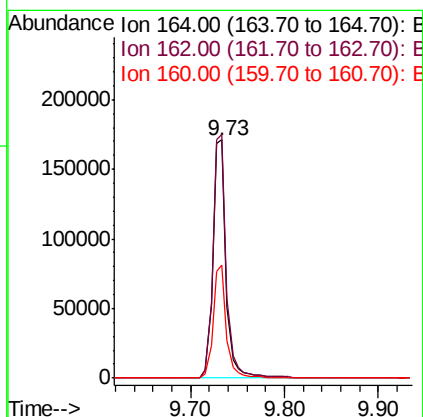
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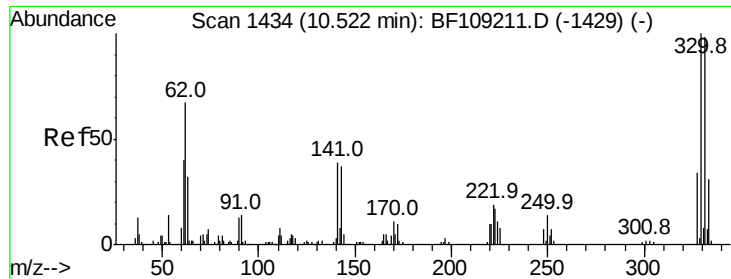
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	47.7	38.3	57.5





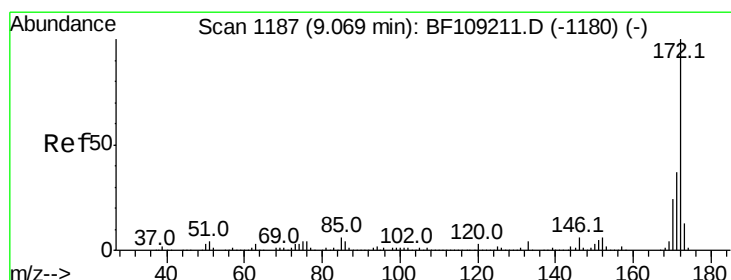
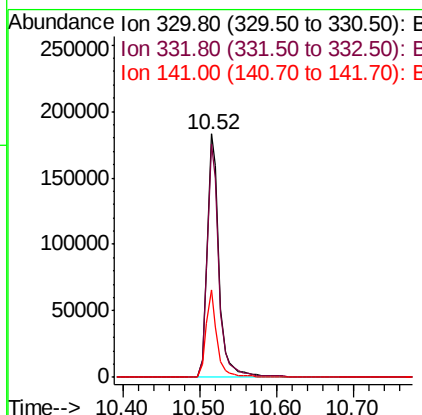
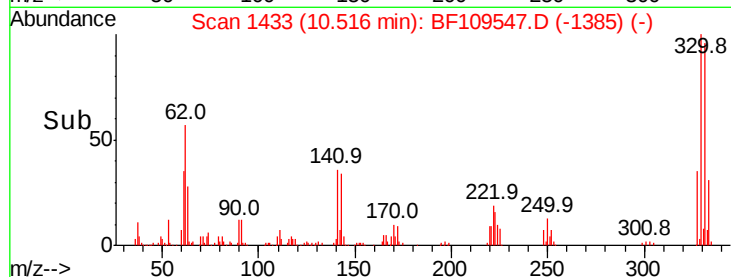
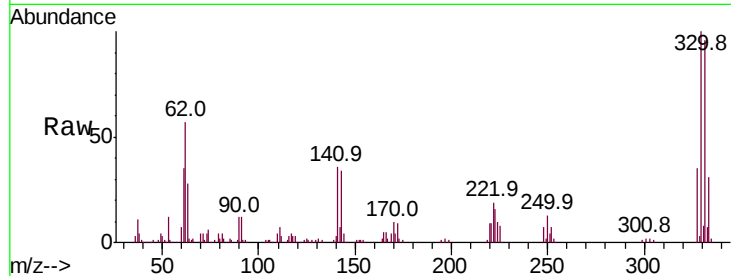
#41
 2,4,6-Tribromophenol
 Concen: 114.393 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Instrument :
 BNA_F
 ClientSampled :
 TS-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.3	29.9	44.9

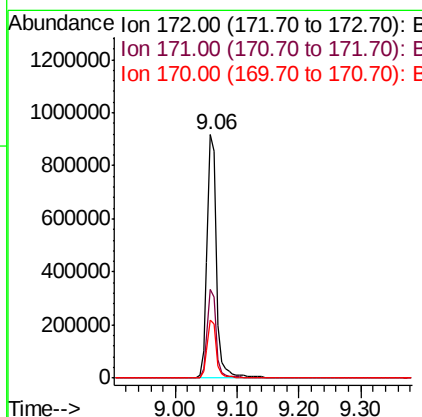
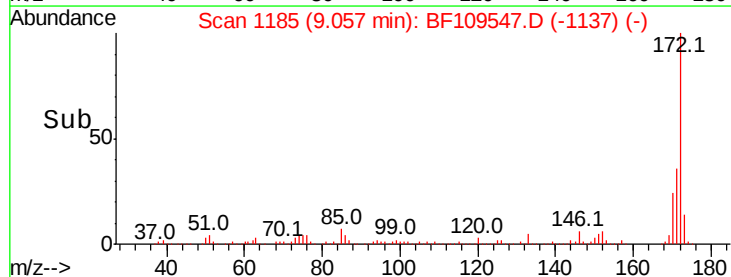
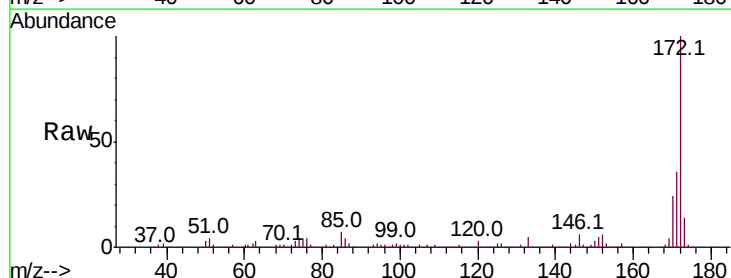
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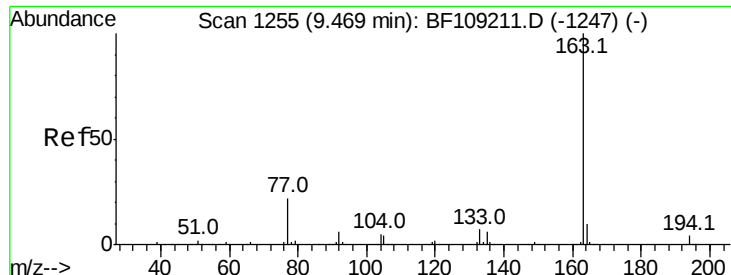
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#44
 2-Fluorobiphenyl
 Concen: 84.690 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4





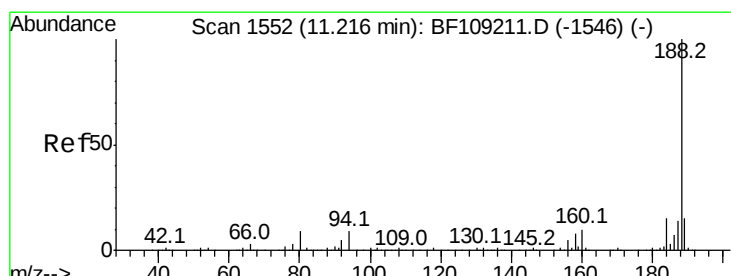
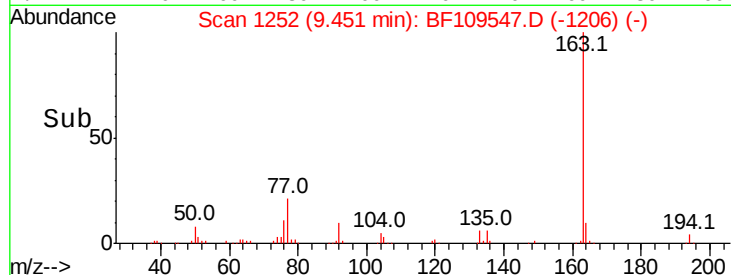
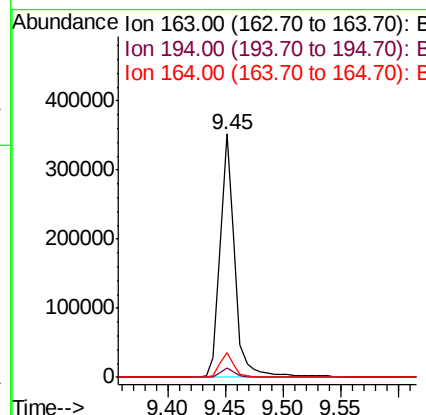
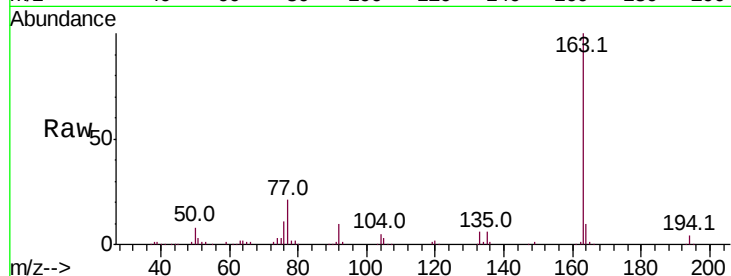
#49
Dimethylphthalate
Concen: 24.744 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109547.D
Acq: 3 Oct 2018 15:40

Instrument :
BNA_F
ClientSampled :
TS-05

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.3	8.2	12.2	

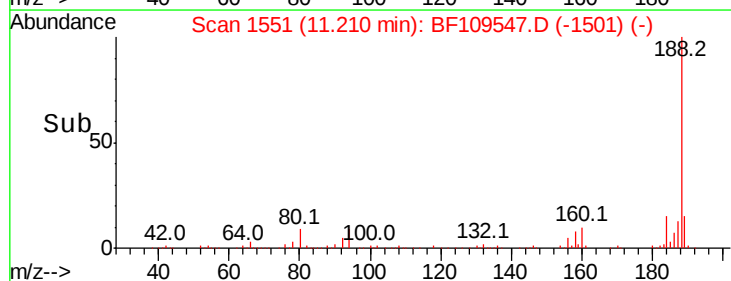
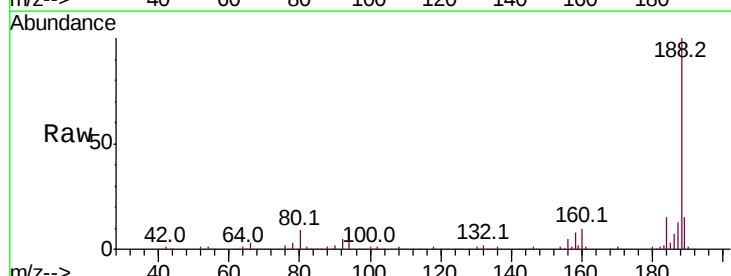
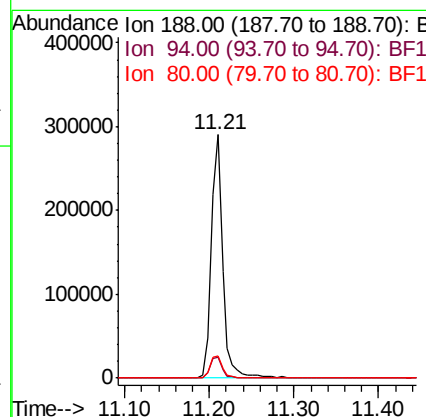
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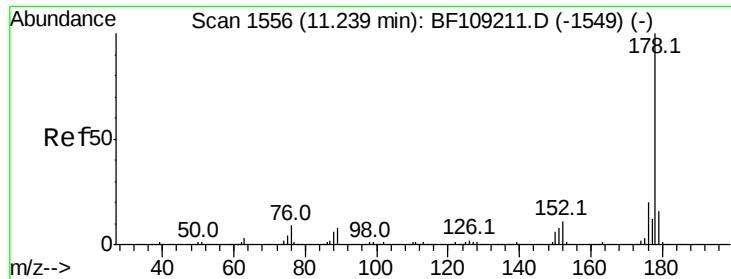
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109547.D
Acq: 3 Oct 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.8	8.5	12.7	
80	9.0	9.2	13.8	





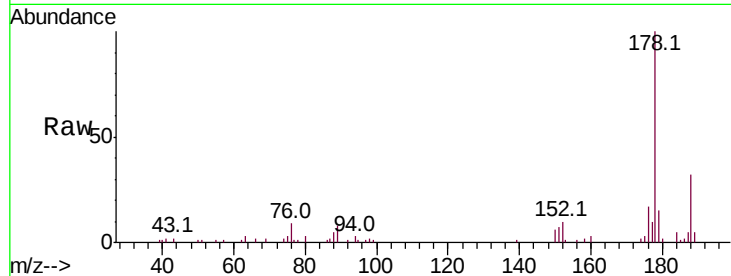
#70
Phenanthrene
Concen: 2.012 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109547.D
Acq: 3 Oct 2018 15:40

Instrument :
BNA_F
ClientSampled :
TS-05

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.8	23.8
179	15.1	13.0	19.6

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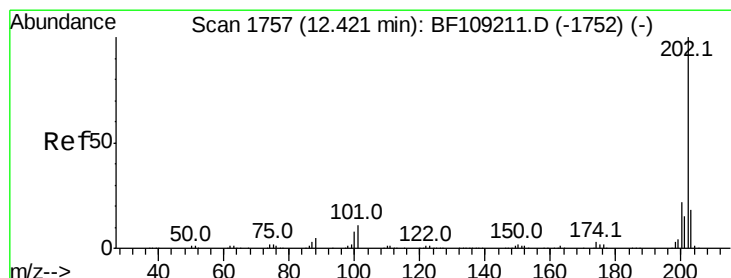
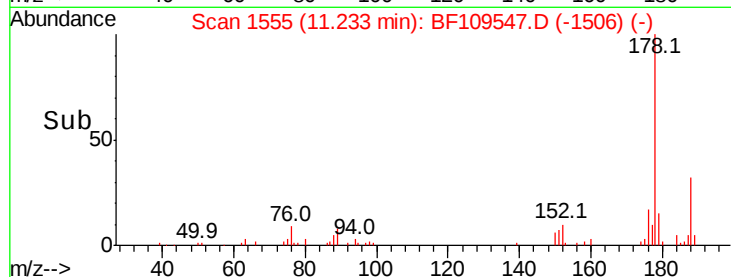
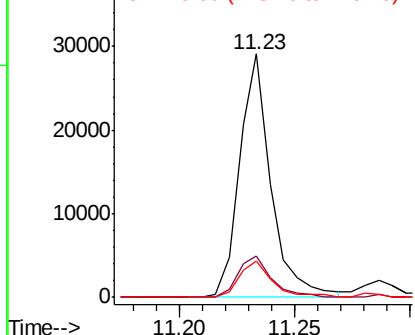


Abundance

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: 4.148 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109547.D
Acq: 3 Oct 2018 15:40

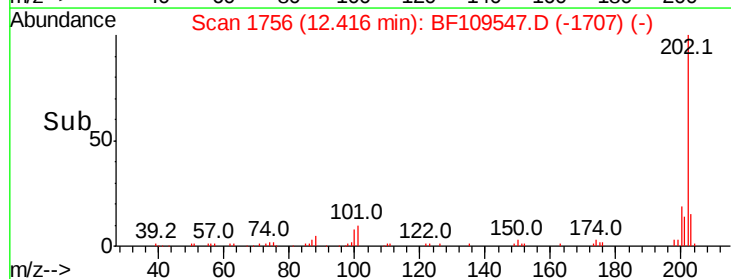
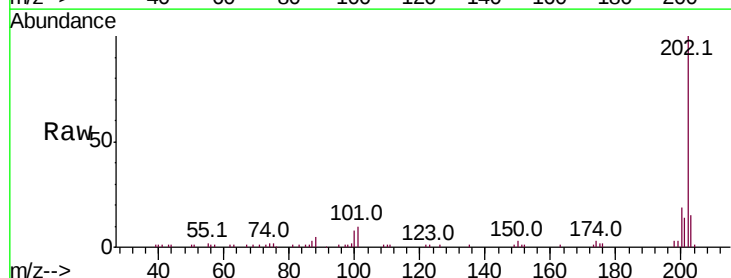
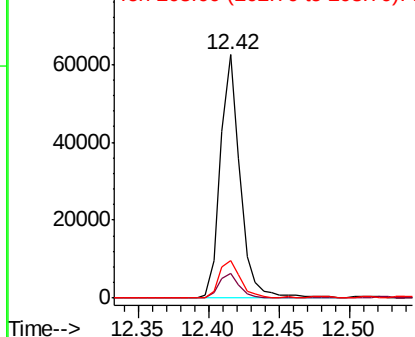
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	15.5	0.0	38.1

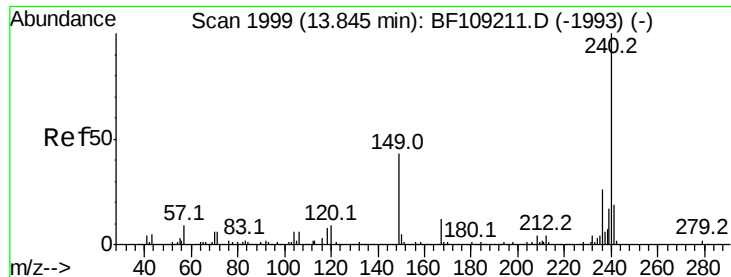
Abundance

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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109547.D

Acq: 3 Oct 2018 15:40

Instrument :

BNA_F

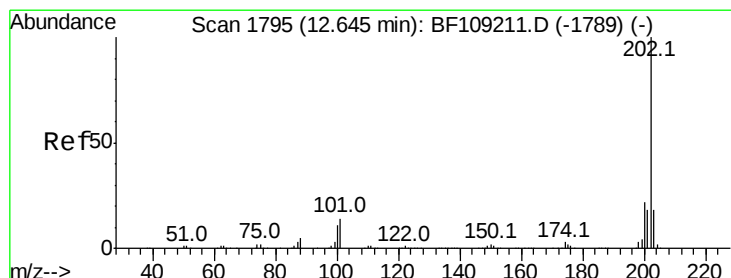
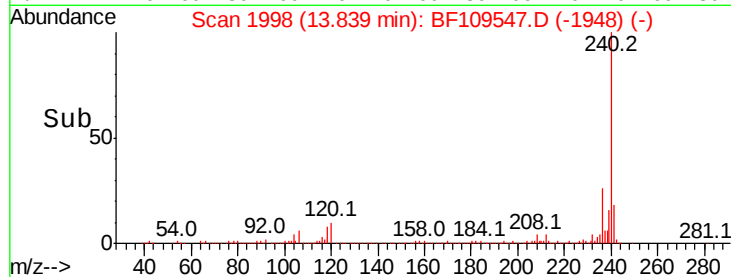
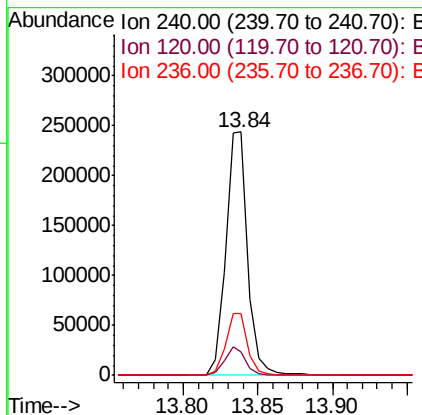
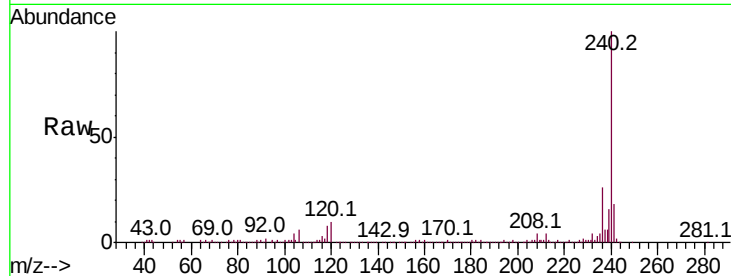
ClientSampleId :

TS-05

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 2.605 ng

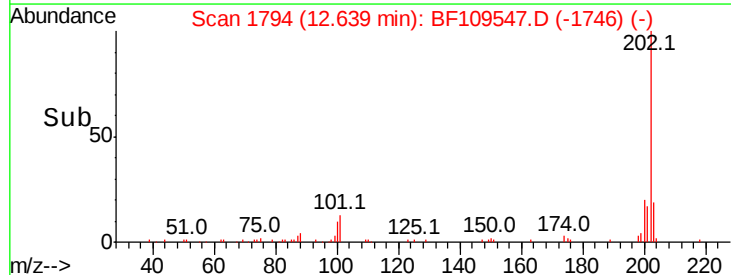
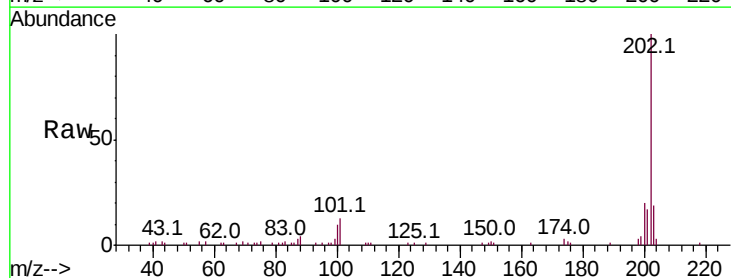
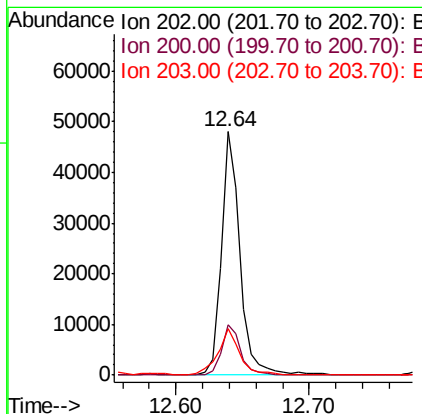
RT: 12.64 min Scan# 1794

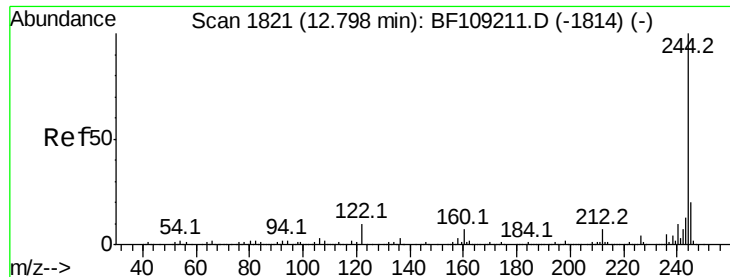
Delta R.T. -0.02 min

Lab File: BF109547.D

Acq: 3 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	19.0	14.3	21.5





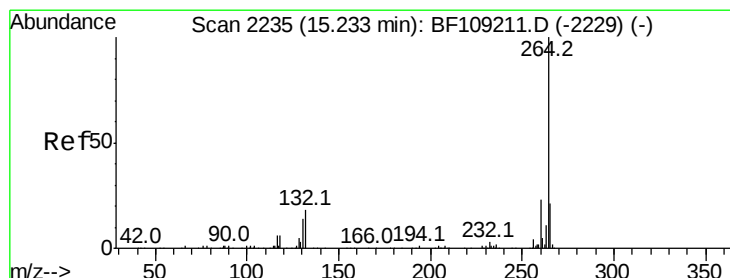
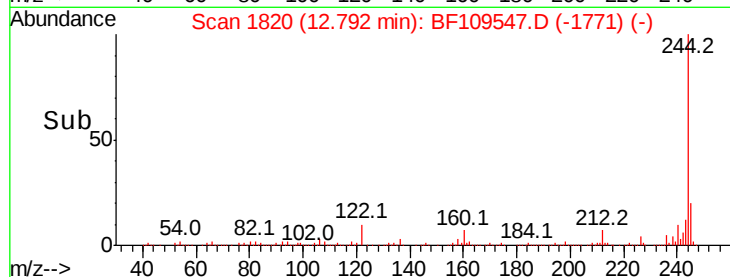
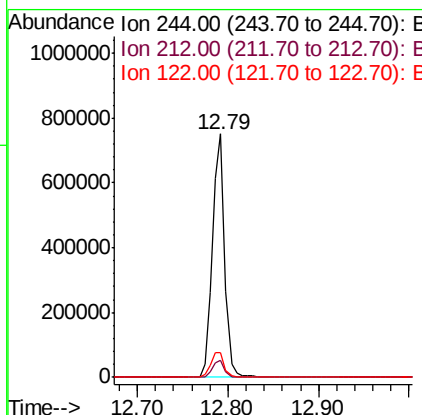
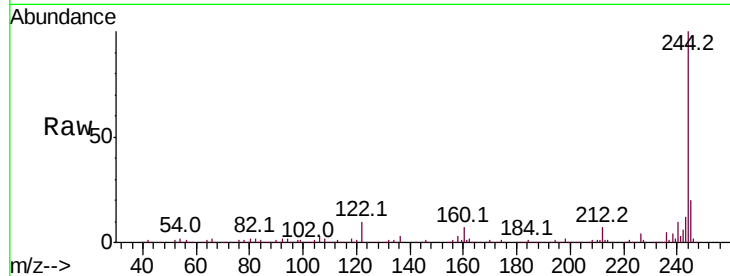
#78
 Terphenyl-d14
 Concen: 69.159 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Instrument :
 BNA_F
 ClientSampleID :
 TS-05

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.2	11.0	16.4

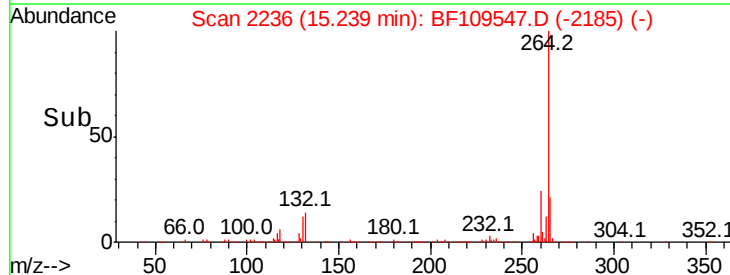
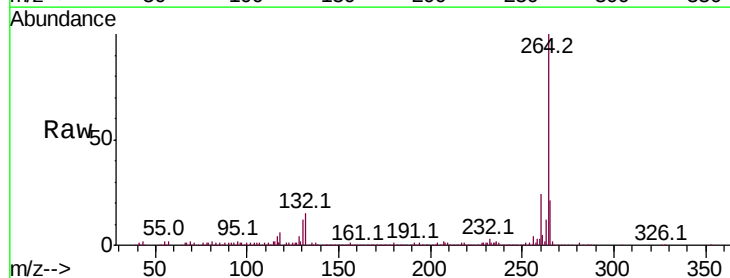
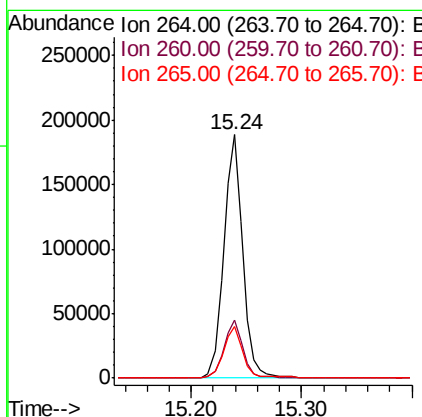
Manual Integrations
 APPROVED

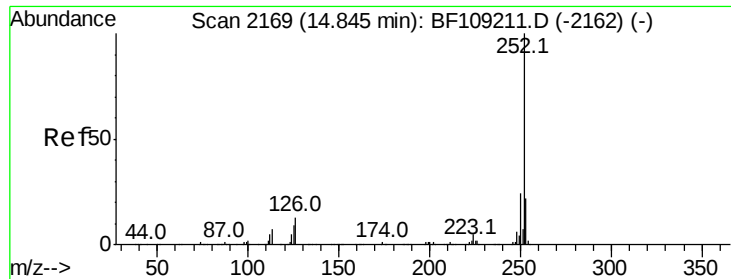
Sohil
 10/4/2018 11:44:00 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.486 ng m
 RT: 14.84 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BF109547.D
 Acq: 3 Oct 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TS-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	14.6	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 10/4/2018 11:44:00 AM

