

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109544.D
 Acq On : 3 Oct 2018 14:22
 Operator : JU/SJ
 Sample : J5192-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-B

Manual Integrations
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Sohil
 10/4/2018 11:43:54 AM

Quant Time: Oct 03 15:39:29 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	118760	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	450336	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	198201	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	325817	20.00	ng	0.00
75) Chrysene-d12	13.83	240	269689	20.00	ng	-0.01
86) Perylene-d12	15.25	264	228202	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	710182	98.49	ng	0.00
7) Phenol-d6	6.35	99	932232	101.32	ng	0.00
23) Nitrobenzene-d5	7.26	82	599697	78.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	203156	103.98	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1019992	77.62	ng	-0.02
78) Terphenyl-d14	12.79	244	755651	68.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	332946	23.096	ng	99
70) Phenanthrene	11.23	178	42475	2.611	ng	100
74) Fluoranthene	12.42	202	69724	4.011	ng	94
77) Pyrene	12.64	202	78070	4.039	ng	97
80) Benzo(a)anthracene	13.83	228	38933m	2.397	ng	
82) Chrysene	13.86	228	42044	2.611	ng	97
87) Benzo(b)fluoranthene	14.85	252	44604m	3.557	ng	
89) Benzo(a)pyrene	15.19	252	29801	2.637	ng	# 82

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

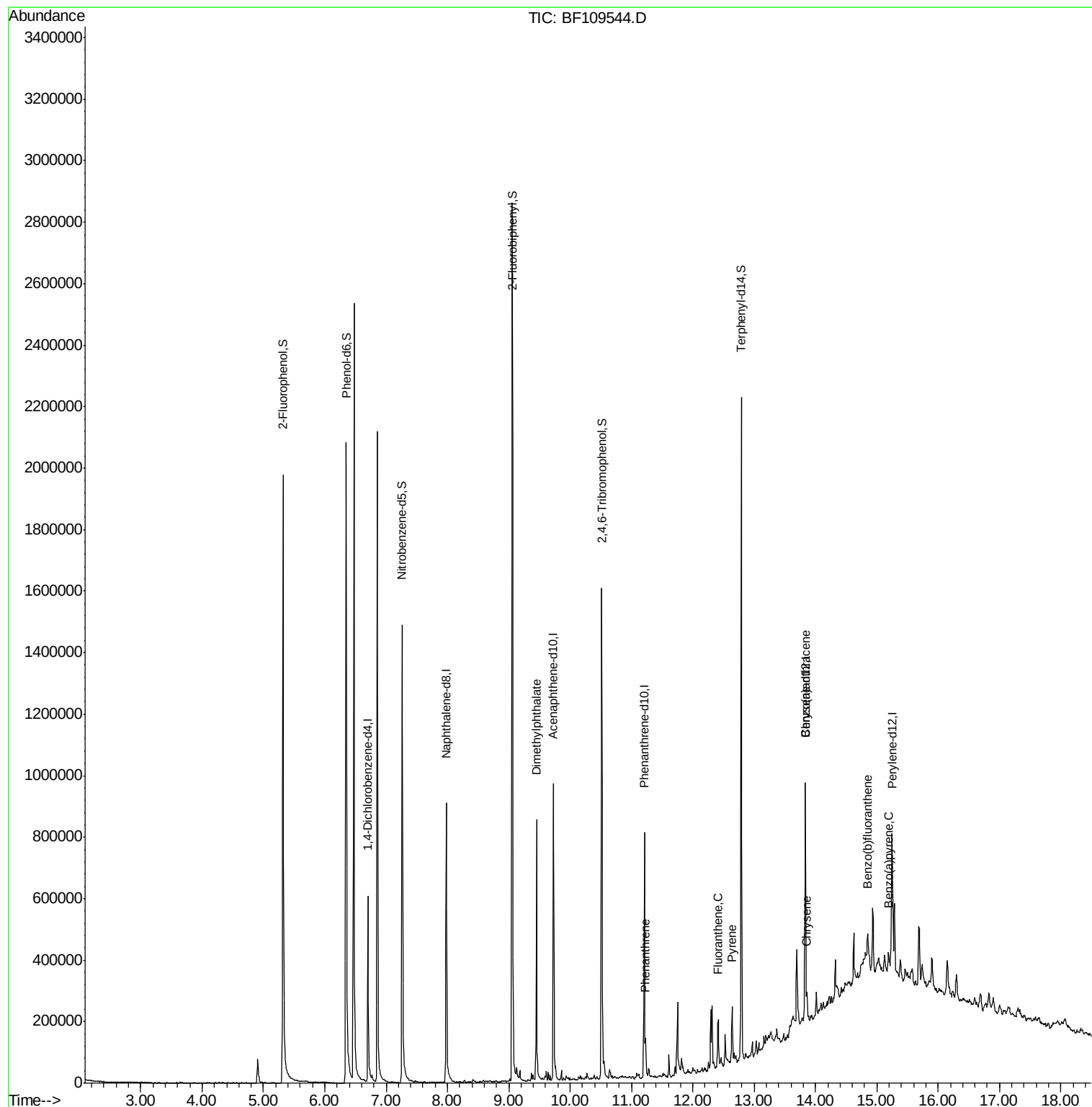
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109544.D
Acq On : 3 Oct 2018 14:22
Operator : JU/SJ
Sample : J5192-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

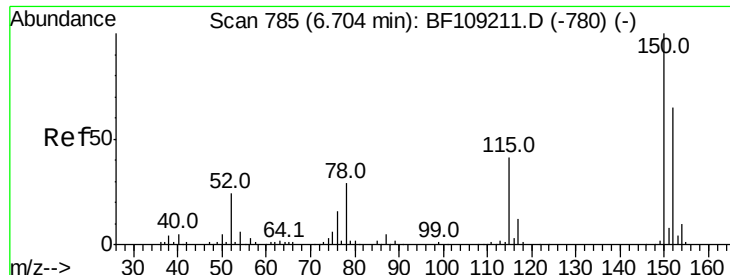
Instrument :
BNA_F
ClientSampleId :
AU-05-100218-B

Manual Integrations
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10/4/2018 11:43:54 AM

Quant Time: Oct 03 15:39:29 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
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#1

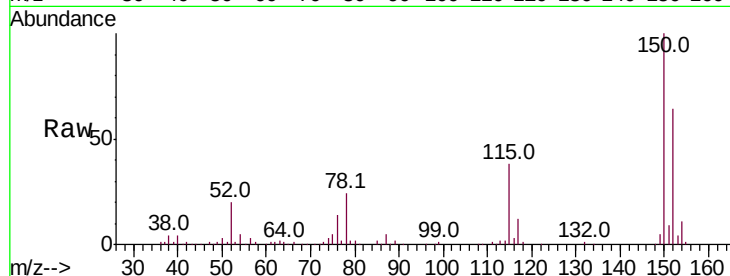
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109544.D
Acq: 3 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	59.9	50.1	75.1

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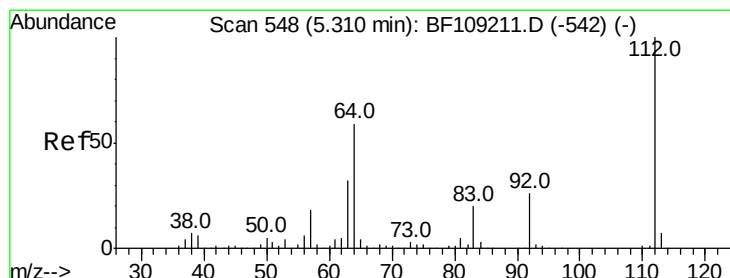
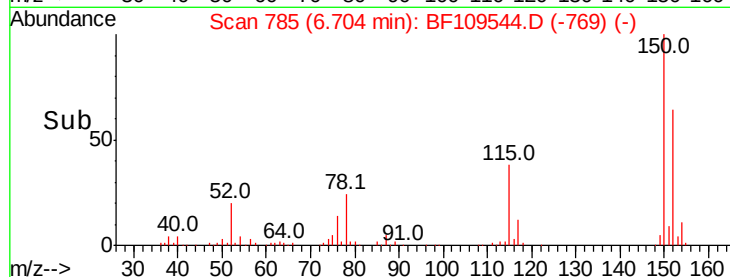
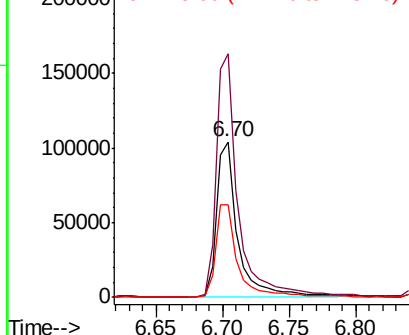


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

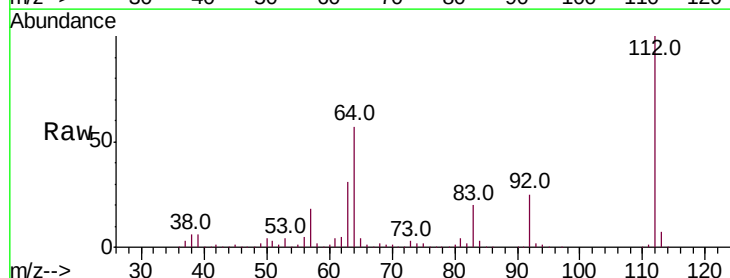
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.495 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109544.D
Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	30.8	23.7	35.5

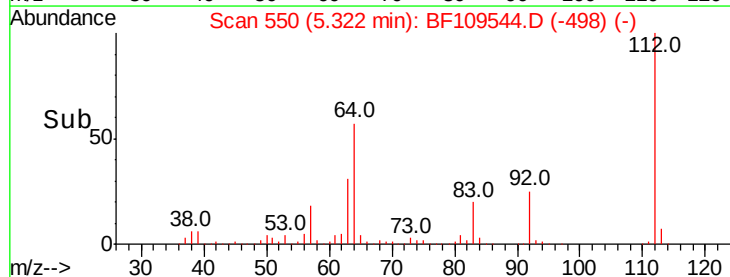
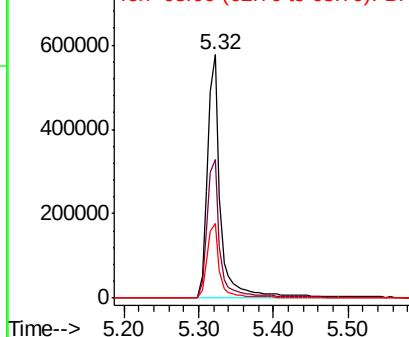


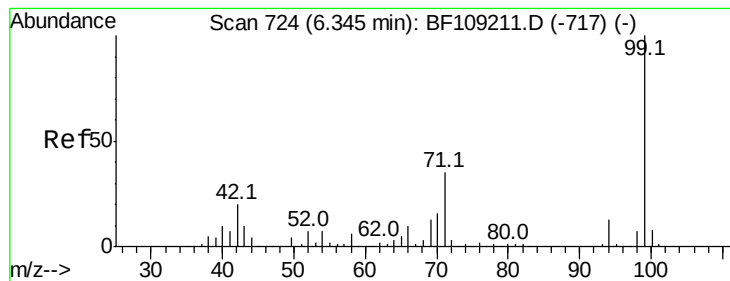
Abundance

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: 101.322 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109544.D

Acq: 3 Oct 2018 14:22

Instrument :

BNA_F

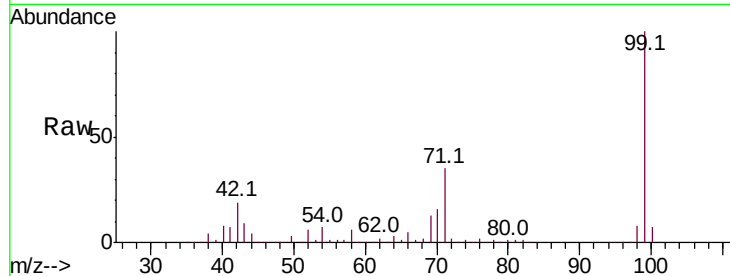
ClientSampleId :

AU-05-100218-B

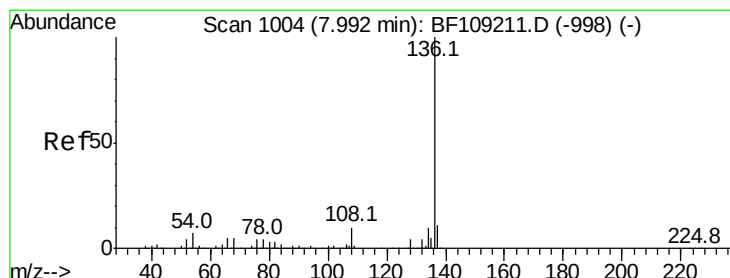
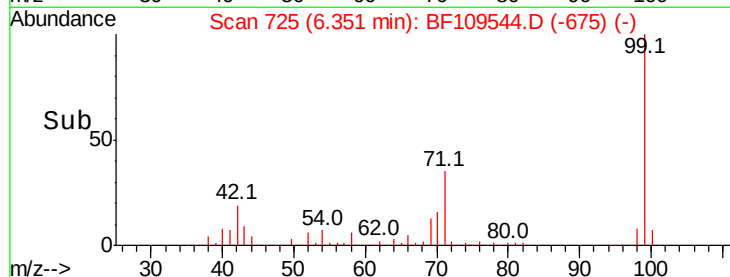
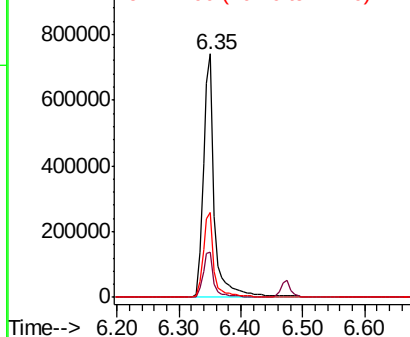
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	35.1	25.4	38.0

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

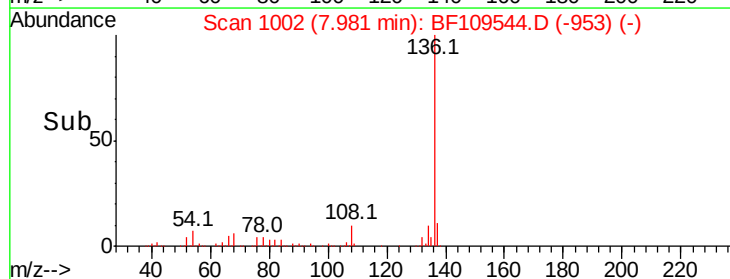
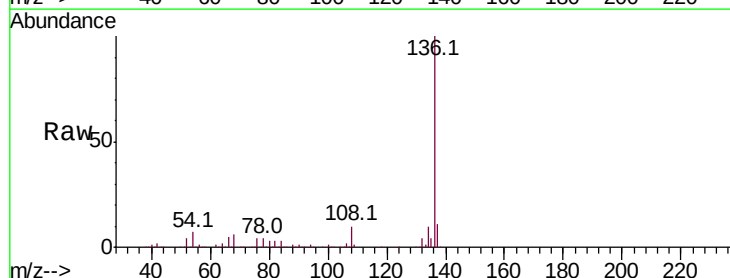
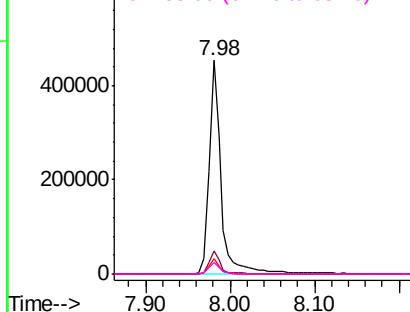
Delta R.T. -0.01 min

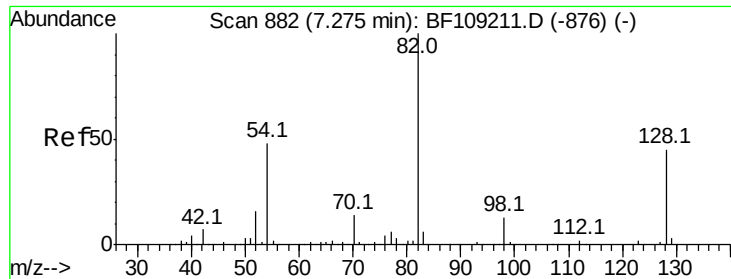
Lab File: BF109544.D

Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
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





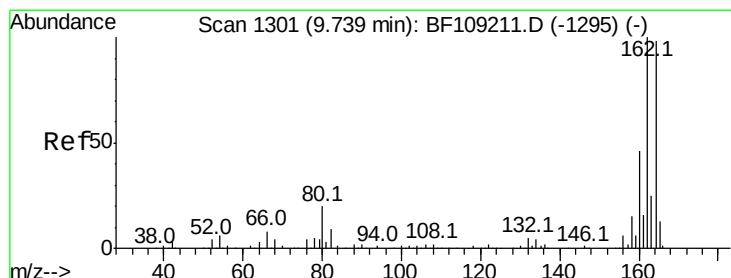
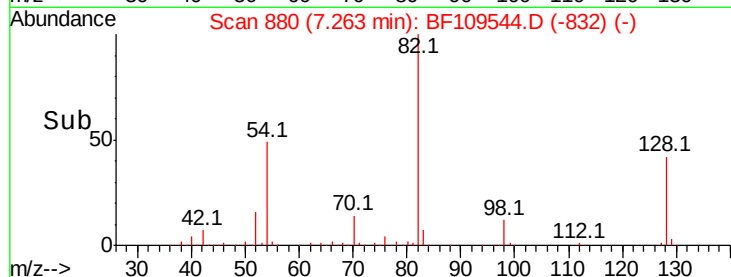
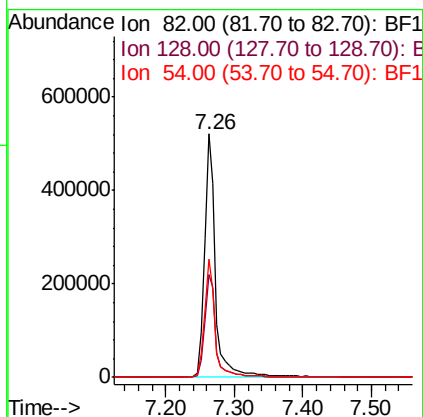
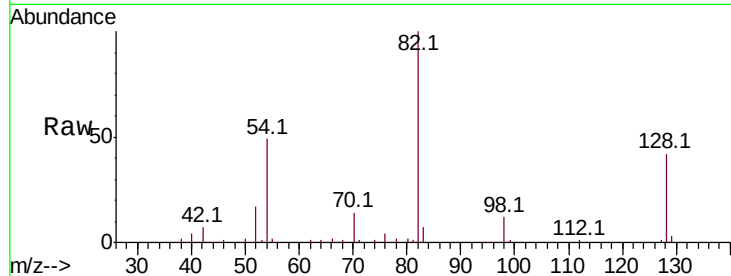
#23
 Nitrobenzene-d5
 Concen: 78.610 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	48.7	41.4	62.2

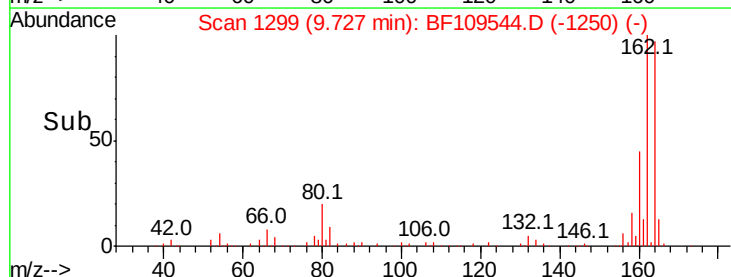
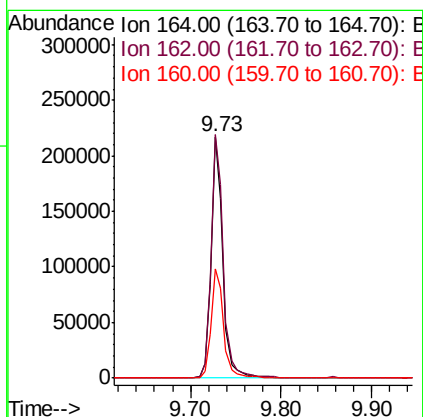
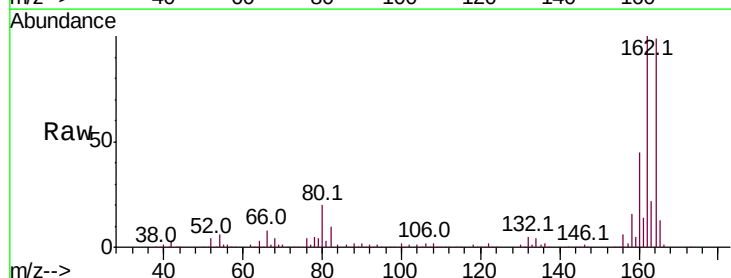
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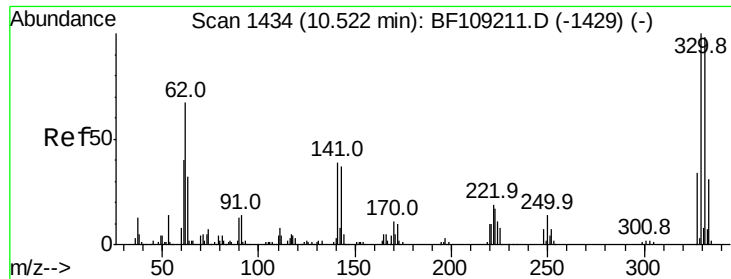
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.3	38.3	57.5





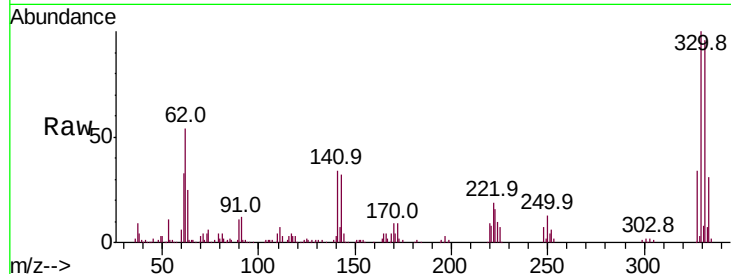
#41
 2,4,6-Tribromophenol
 Concen: 103.977 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	203156		
332	95.0	77.0	115.6	
141	33.9	29.9	44.9	

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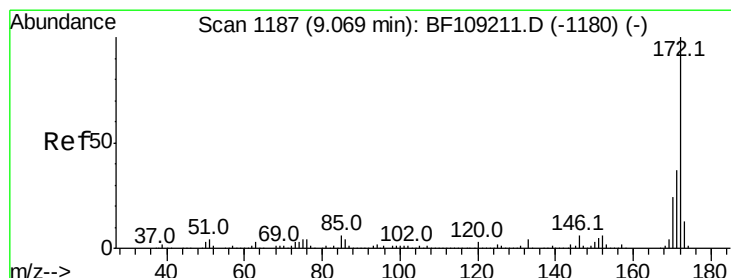
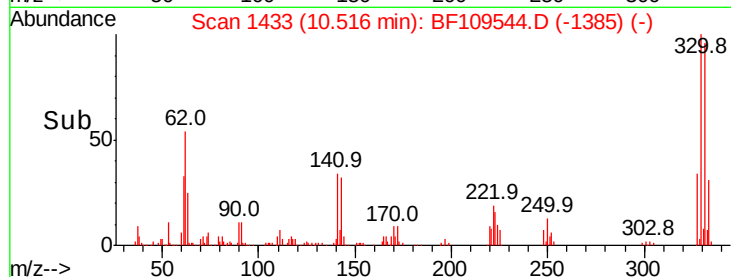
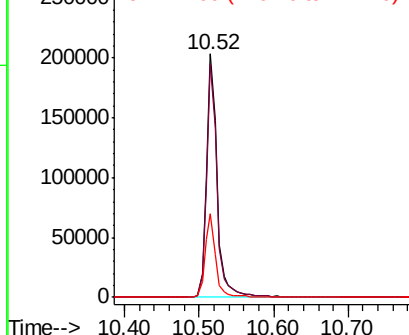


Abundance

Ion 329.80 (329.50 to 330.50): E

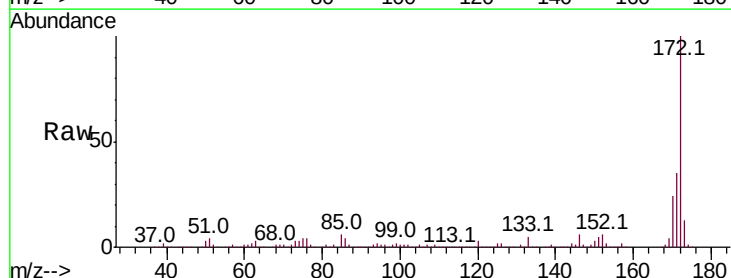
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.615 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1019992		
171	35.4	29.7	44.5	
170	23.7	19.6	29.4	

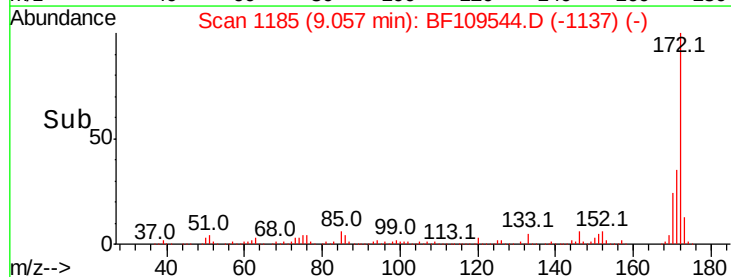
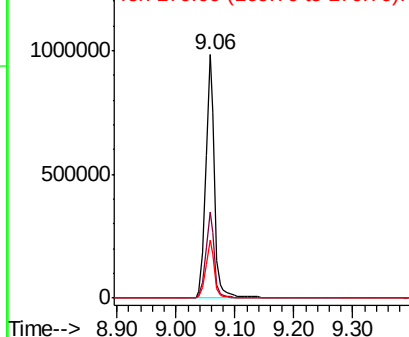


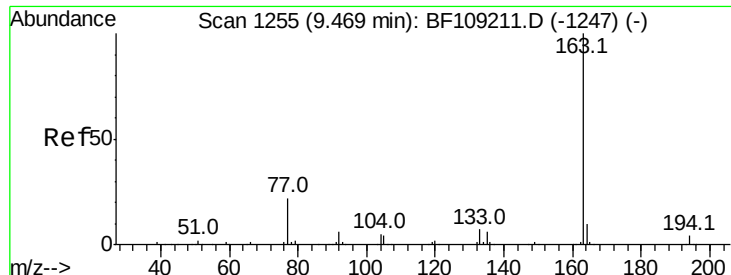
Abundance

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





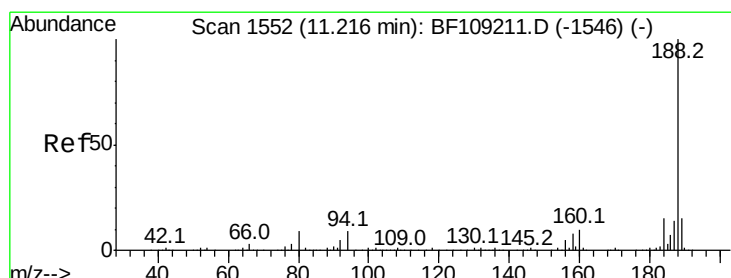
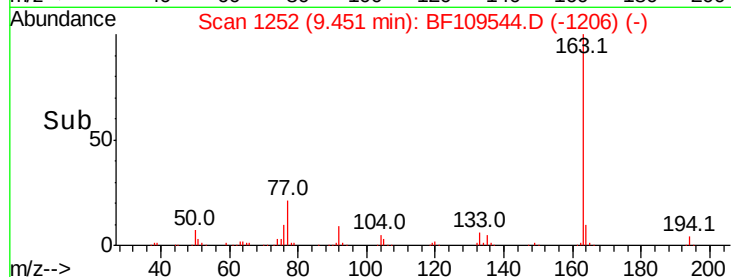
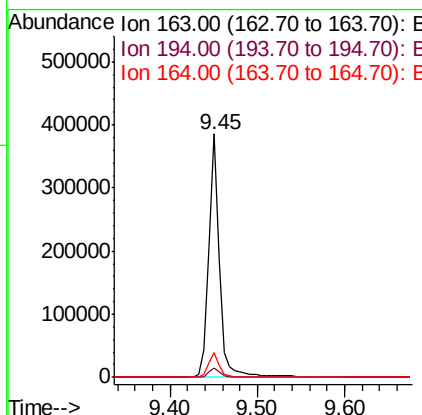
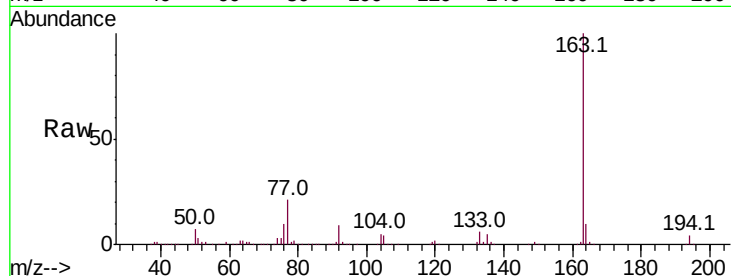
#49
Dimethylphthalate
Concen: 23.096 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109544.D
Acq: 3 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.0	8.2	12.2	

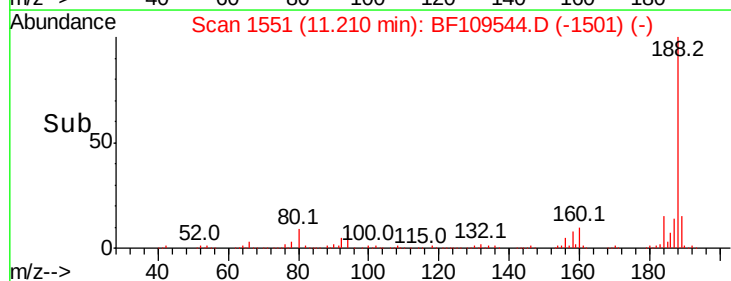
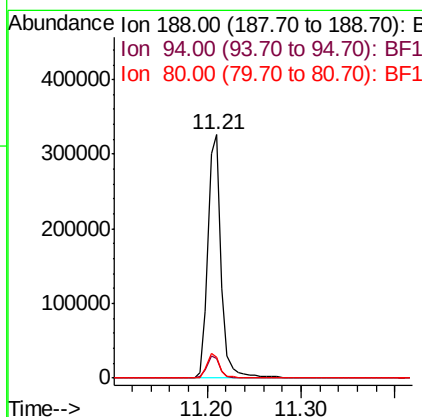
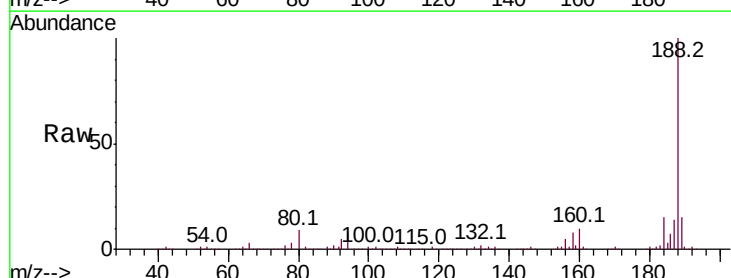
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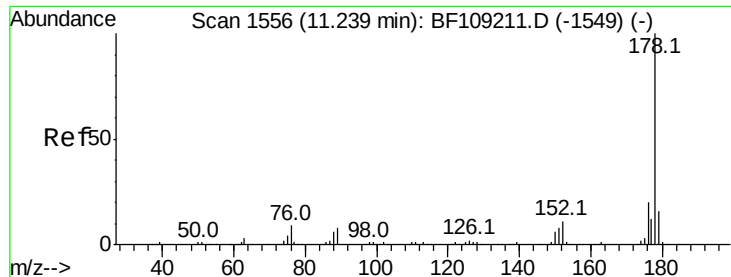
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109544.D
Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.0	8.5	12.7#	
80	8.6	9.2	13.8#	





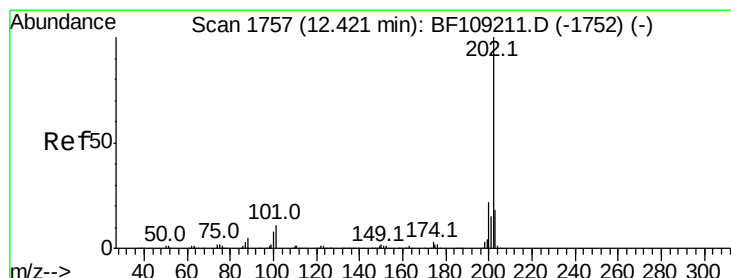
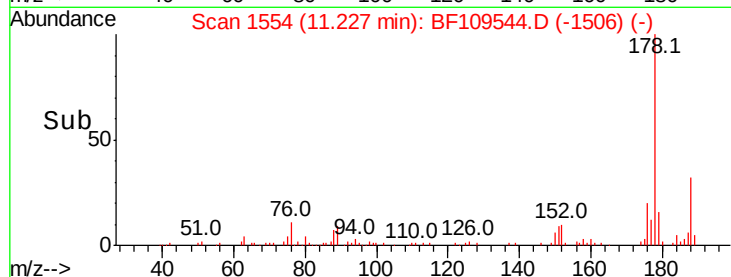
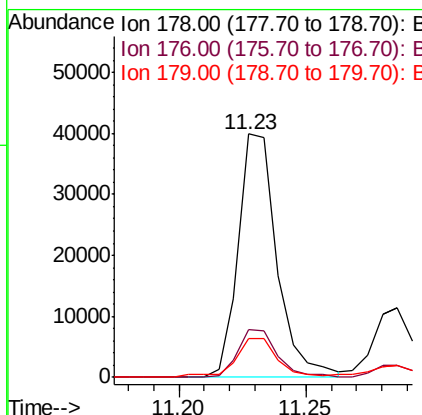
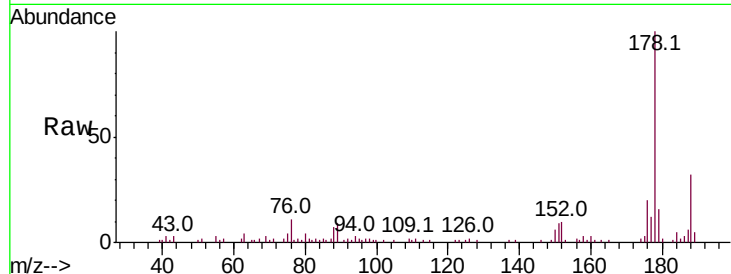
#70
Phenanthrene
Concen: 2.611 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF109544.D
Acq: 3 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.1	13.0	19.6

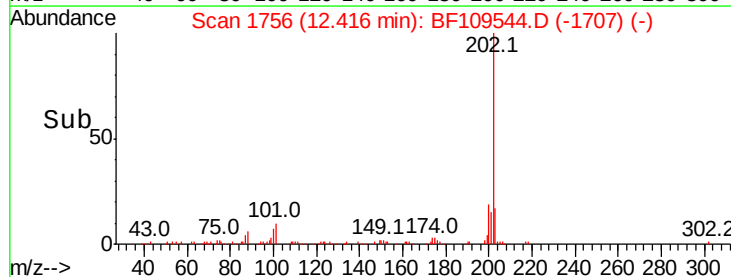
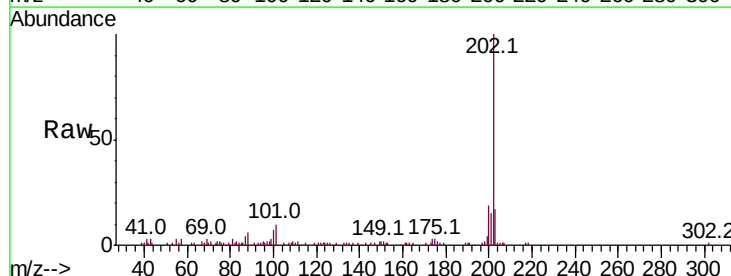
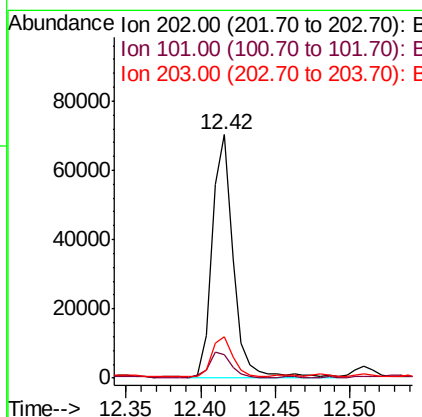
Manual Integrations
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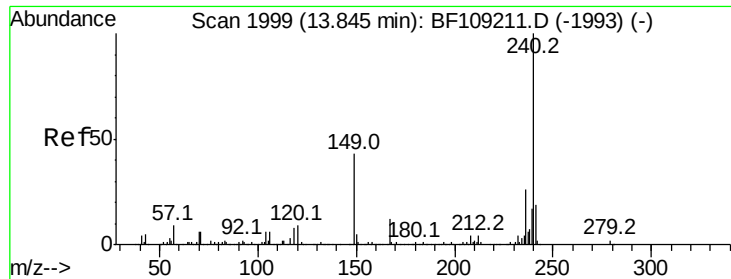
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#74
Fluoranthene
Concen: 4.011 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109544.D
Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.2	0.0	38.1





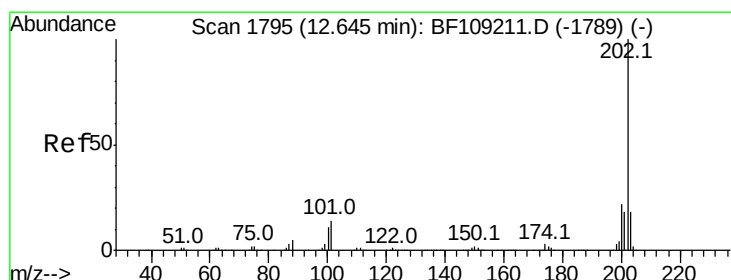
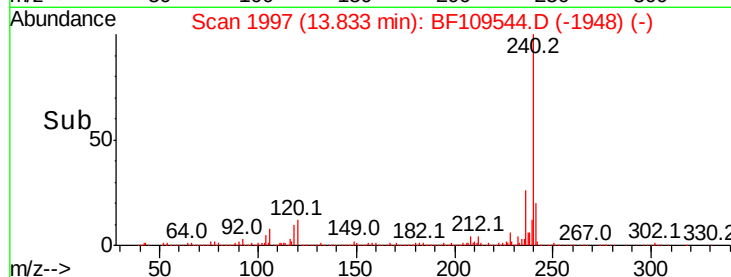
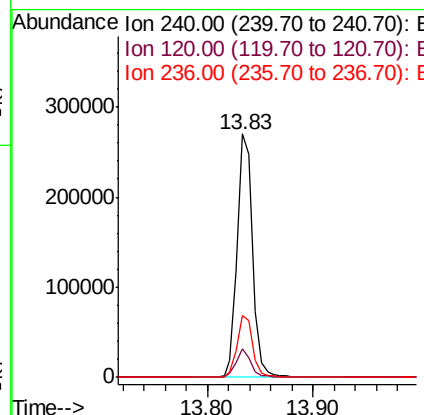
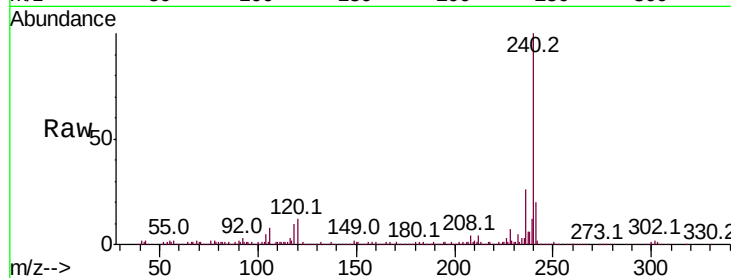
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.7	20.7	31.1

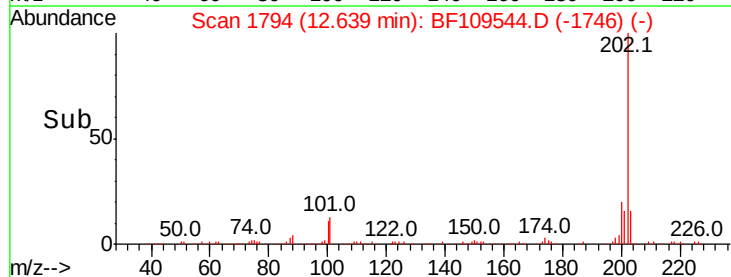
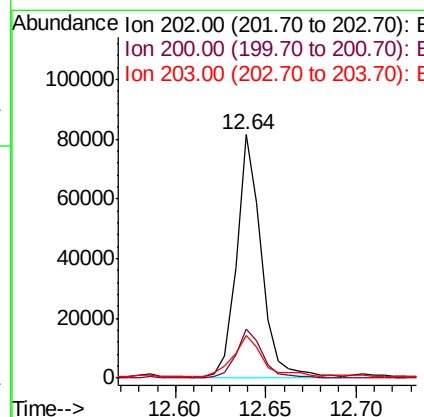
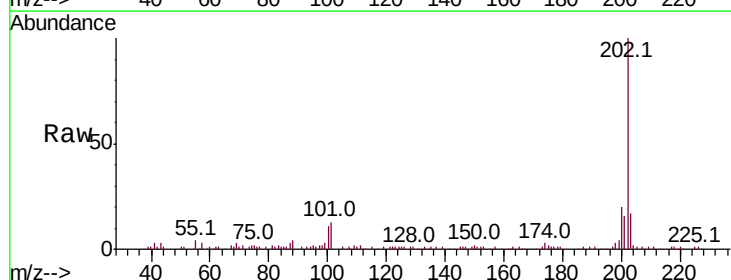
Manual Integrations
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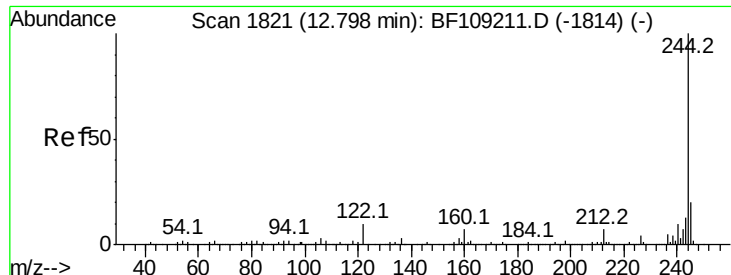
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 10/4/2018 11:43:54 AM



#77
 Pyrene
 Concen: 4.039 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.3	14.3	21.5





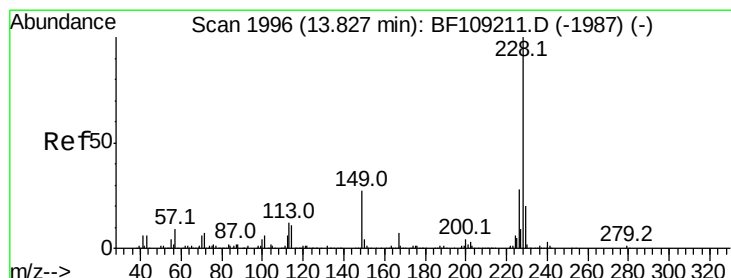
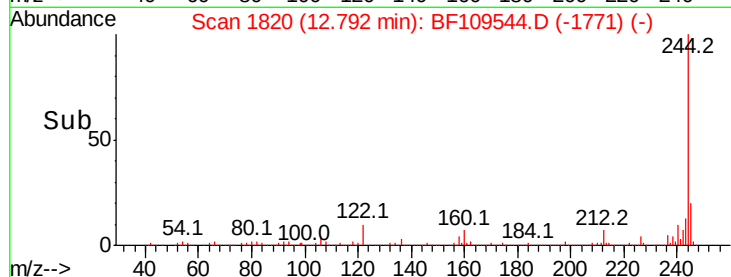
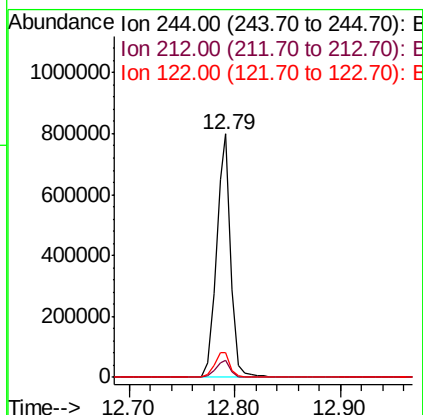
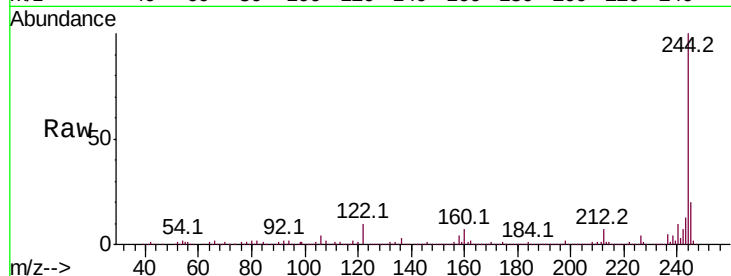
#78
 Terphenyl-d14
 Concen: 68.764 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.4	11.0	16.4

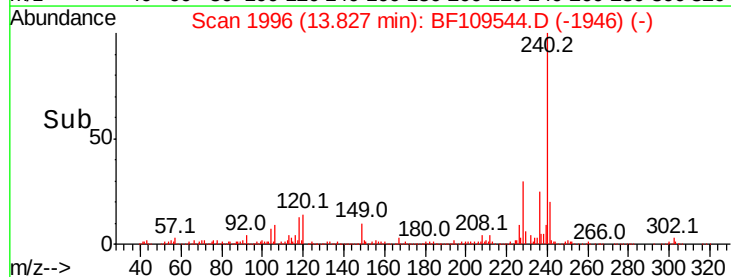
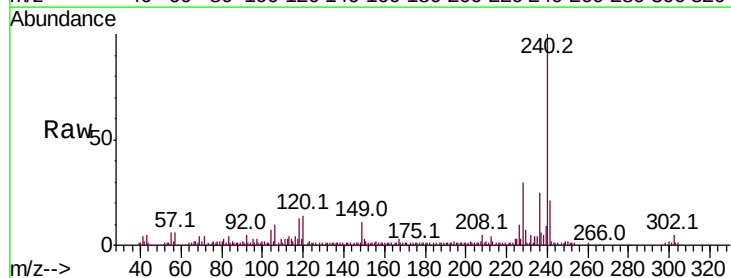
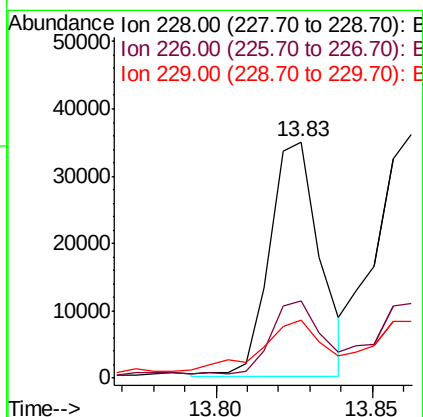
Manual Integrations
 APPROVED

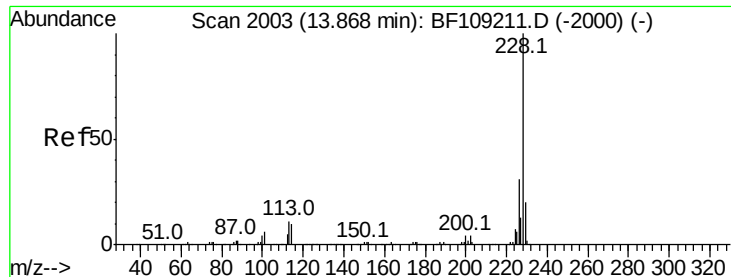
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#80
 Benzo(a)anthracene
 Concen: 2.397 ng m
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109544.D
 Acq: 3 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	24.4	15.8	23.6





#82

Chrysene

Concen: 2.611 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109544.D

Acq: 3 Oct 2018 14:22

Instrument :

BNA_F

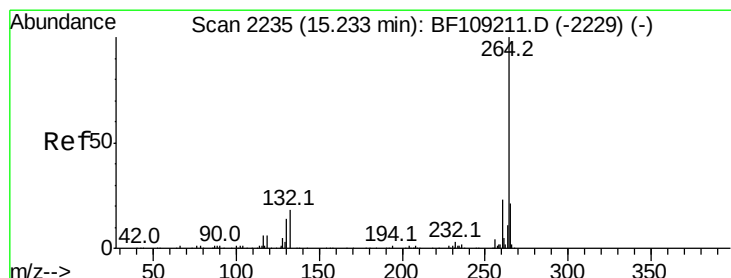
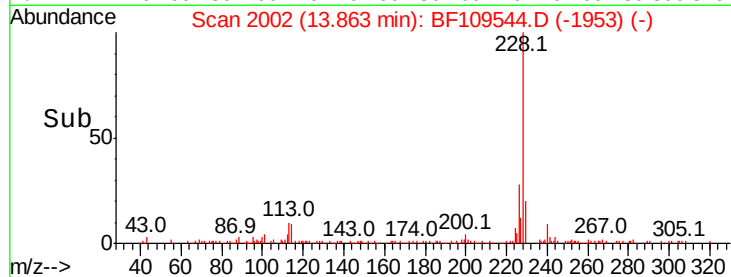
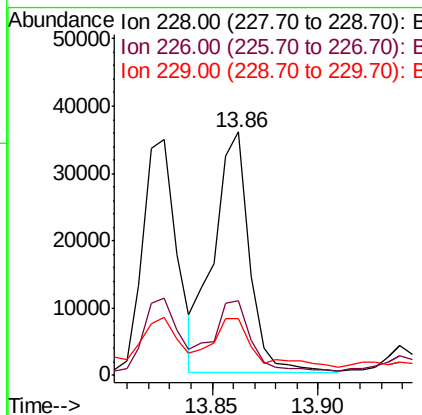
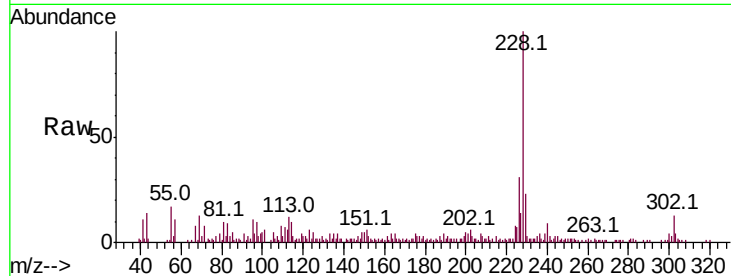
ClientSampleId :

AU-05-100218-B

Tot Ion:	228	Resp:	42044
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	23.2	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

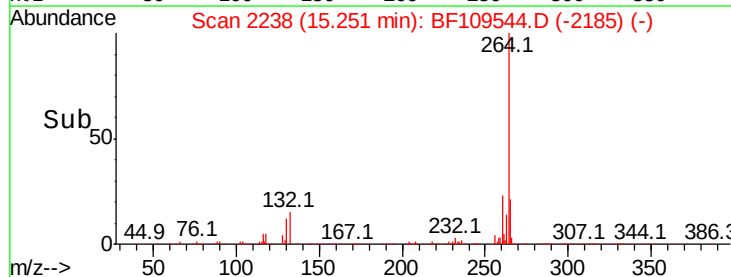
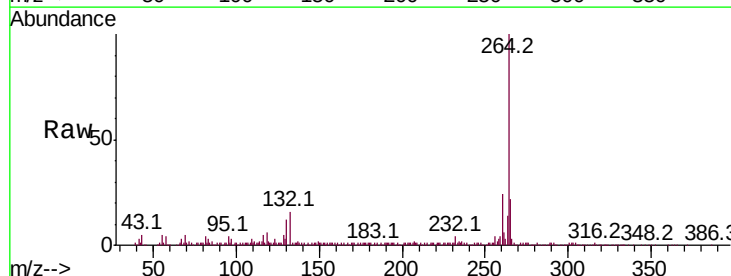
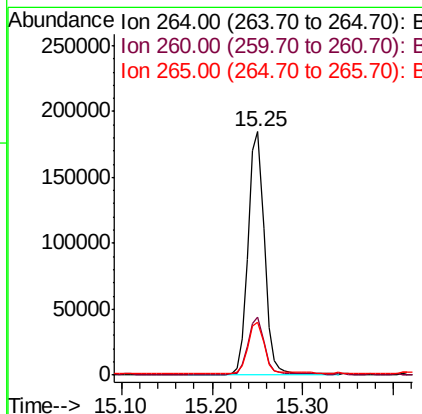
RT: 15.25 min Scan# 2238

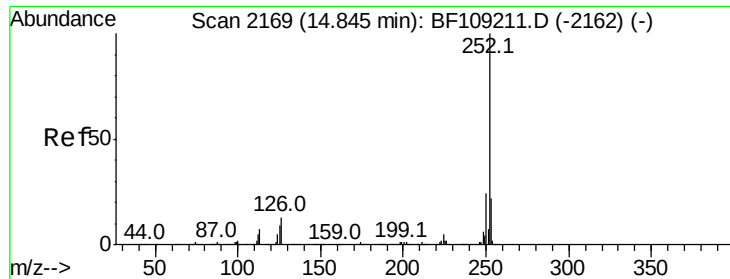
Delta R.T. 0.01 min

Lab File: BF109544.D

Acq: 3 Oct 2018 14:22

Tgt Ion:	264	Resp:	228202
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.557 ng/mL

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109544.D

Acq: 3 Oct 2018 14:22

Instrument :

BNA_F

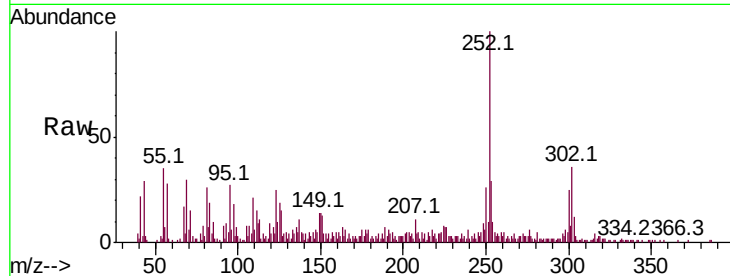
ClientSampleId :

AU-05-100218-B

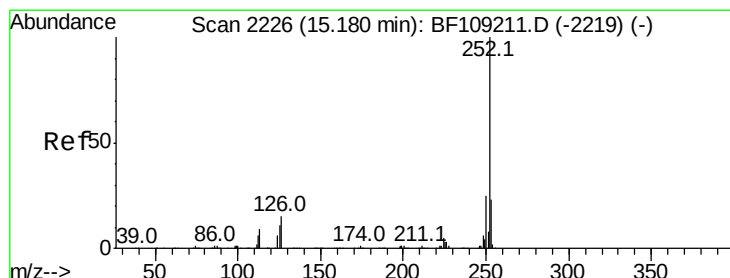
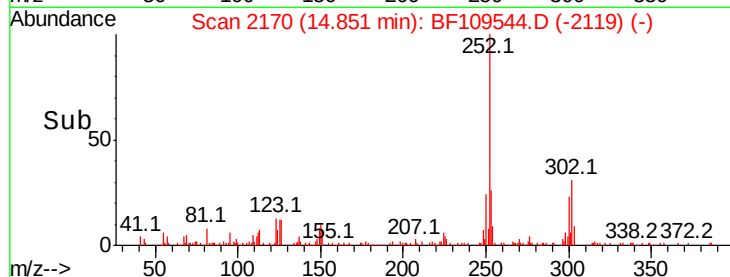
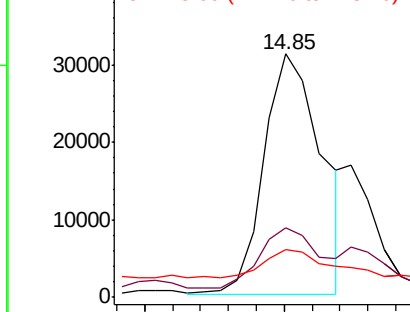
Tot Ion:	252	Resp:	44604
Ion Ratio	Lower	Upper	
252	100		
253	28.6	17.0	25.6#
125	19.5	9.0	13.6#

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: 2.637 ng/mL

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109544.D

Acq: 3 Oct 2018 14:22

Tgt Ion:	252	Resp:	29801
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.1	25.7#
125	20.9	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

