

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109382.D
 Acq On : 27 Sep 2018 13:09
 Operator : JU/SJ
 Sample : J5081-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Manual Integrations
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Sohil
 9/28/2018 2:38:46 PM

Quant Time: Sep 27 14:21:48 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	112364	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	446340	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	225413	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	442150	20.00	ng	0.00
75) Chrysene-d12	13.84	240	285127	20.00	ng	0.00
86) Perylene-d12	15.24	264	279942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	478548	70.15	ng	0.00
7) Phenol-d6	6.35	99	620447	71.27	ng	-0.01
23) Nitrobenzene-d5	7.26	82	403590	53.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	161113	72.50	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	774034	51.79	ng	-0.01
78) Terphenyl-d14	12.80	244	722907	62.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	248648	15.166	ng	99
74) Fluoranthene	12.42	202	73684	3.123	ng	95
77) Pyrene	12.64	202	74091	3.626	ng	96
80) Benzo(a)anthracene	13.83	228	46920m	2.732	ng	
82) Chrysene	13.86	228	42335	2.487	ng	97
87) Benzo(b)fluoranthene	14.84	252	55389m	3.601	ng	
89) Benzo(a)pyrene	15.18	252	43084	3.108	ng	98
91) Benzo(g,h,i)perylene	16.99	276	22815	2.041	ng	94

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

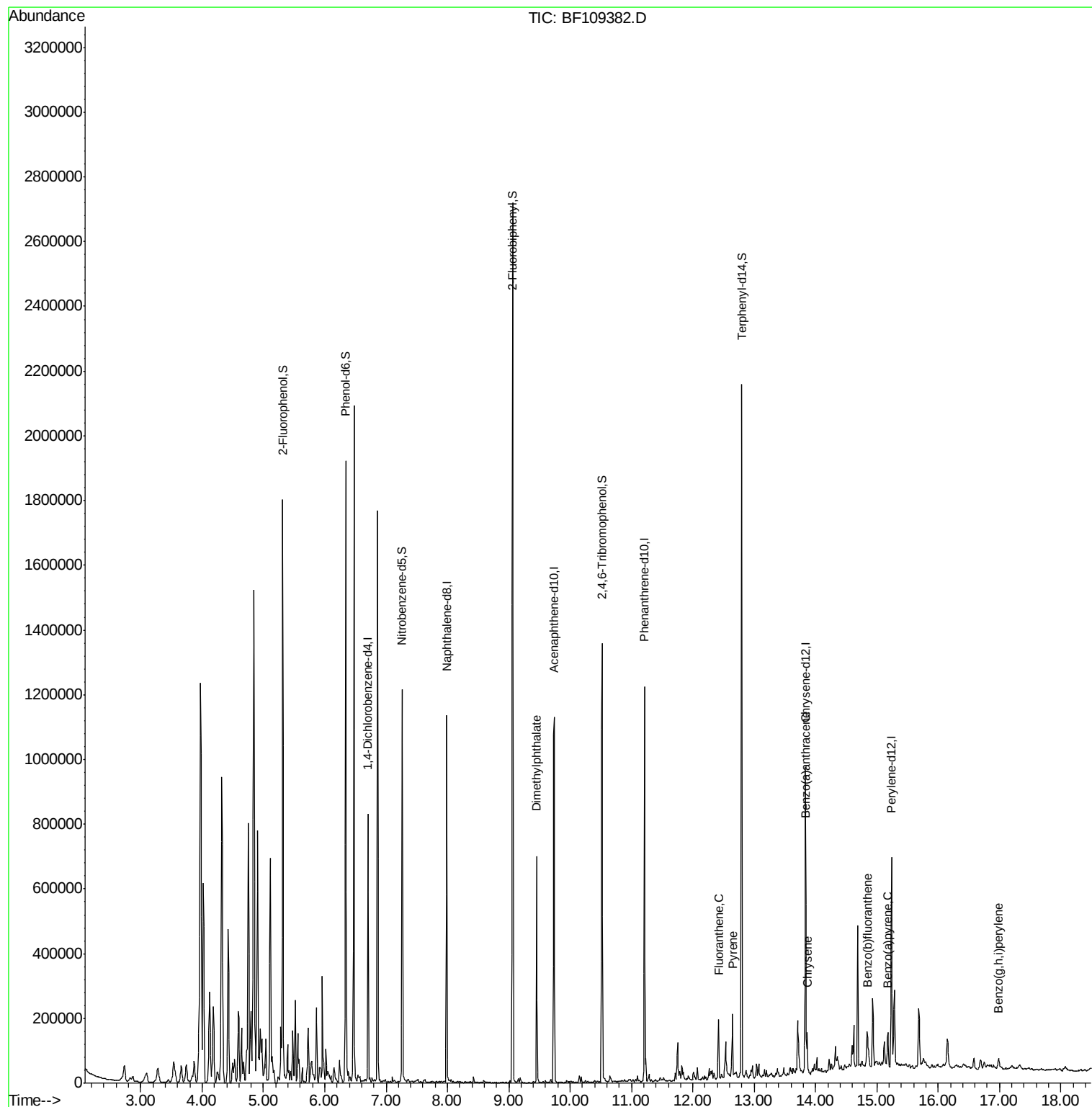
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
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Acq On : 27 Sep 2018 13:09
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#1

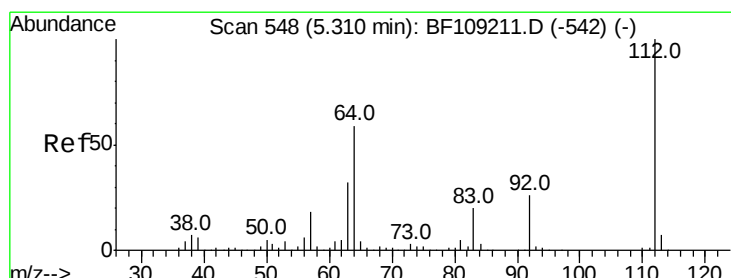
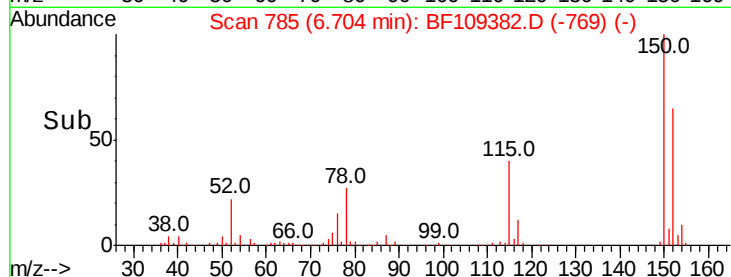
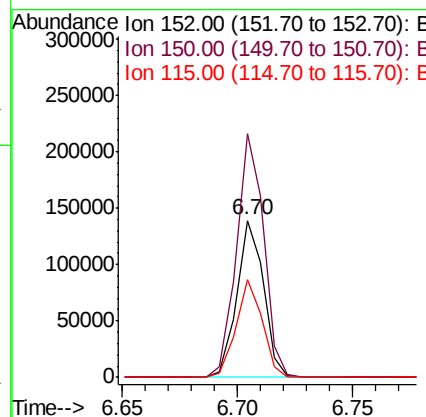
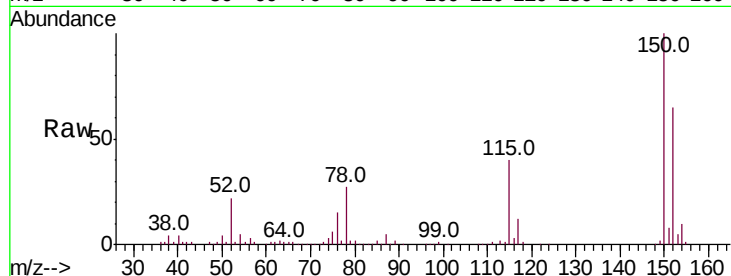
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	62.2	50.1	75.1

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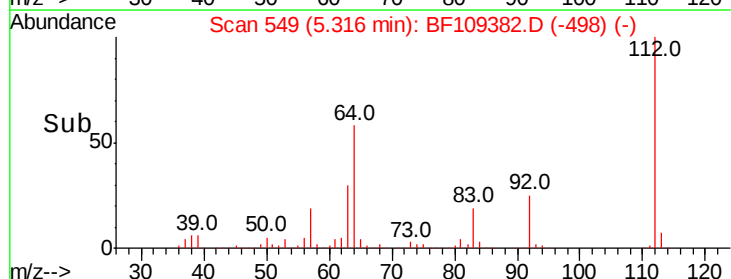
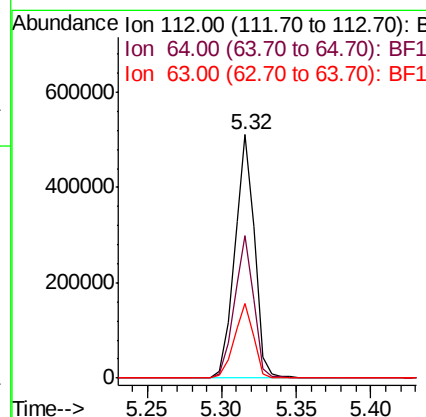
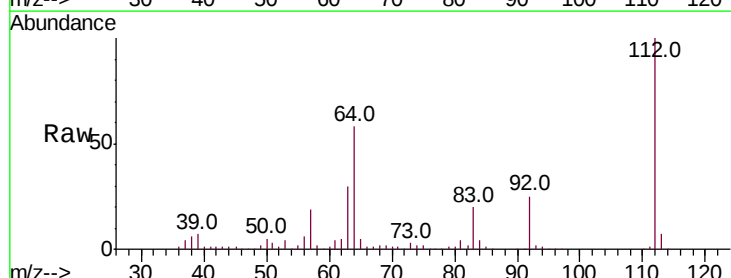
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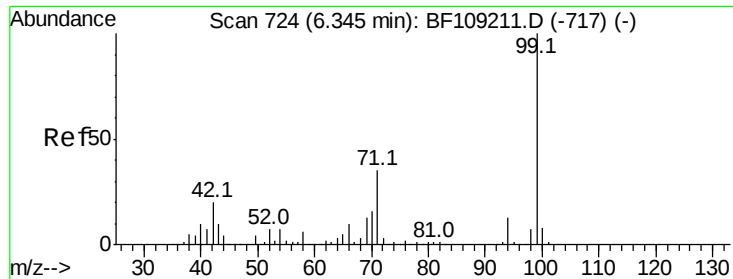


#5

2-Fluorophenol
Concen: 70.148 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 71.274 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109382.D

Acq: 27 Sep 2018 13:09

Instrument :

BNA_F

ClientSampled :

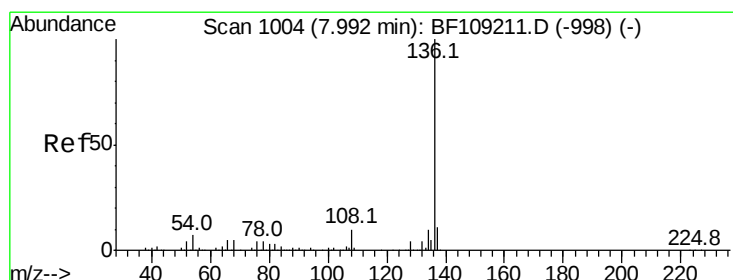
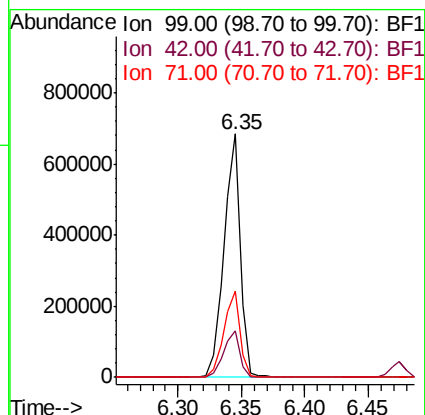
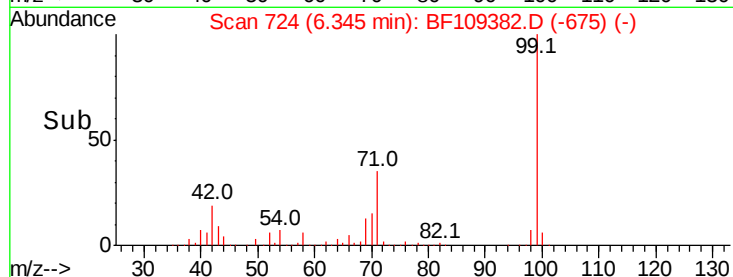
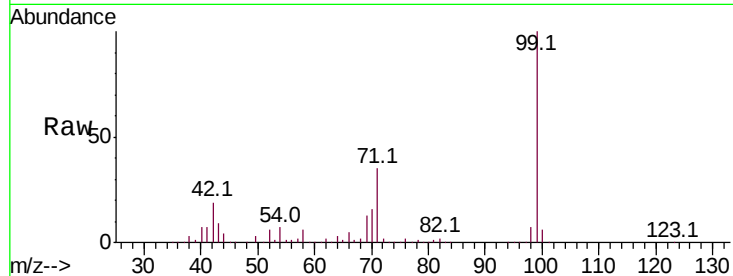
TP-2-S

Tot Ion:	99	Resp:	620447
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	35.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

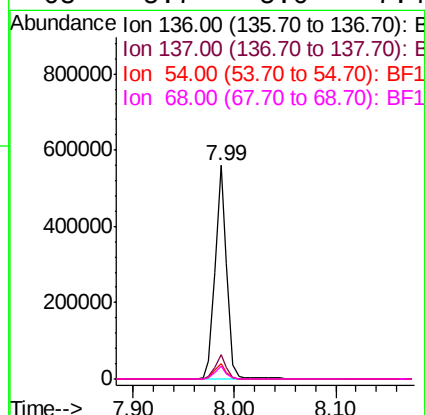
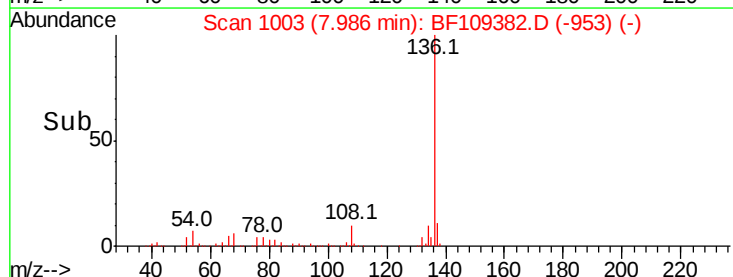
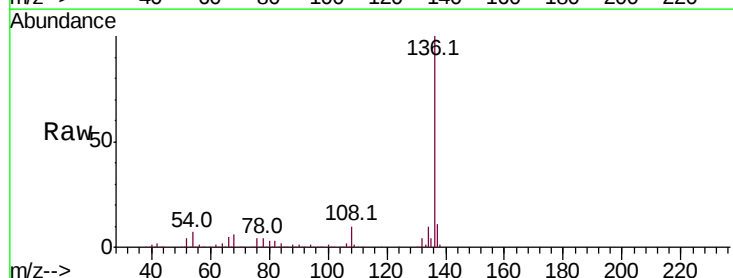
RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109382.D

Acq: 27 Sep 2018 13:09

Tgt Ion:	136	Resp:	446340
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4





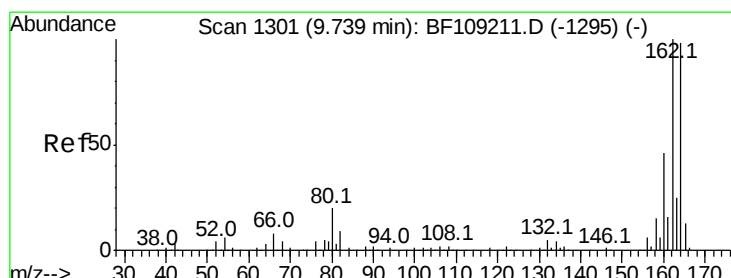
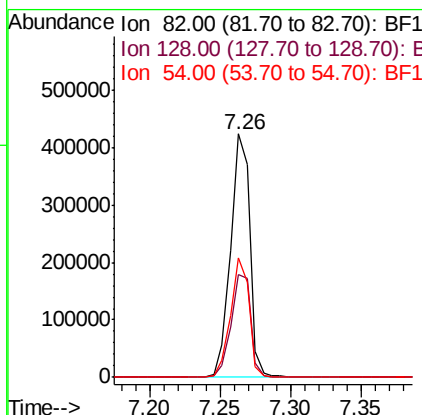
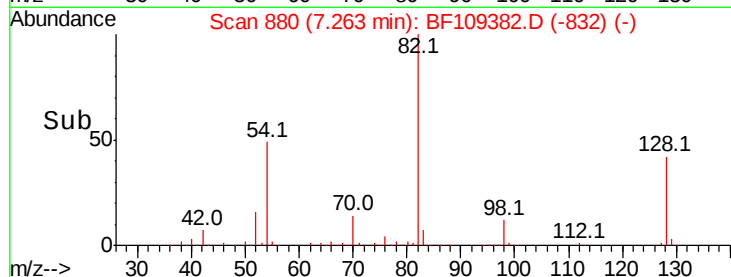
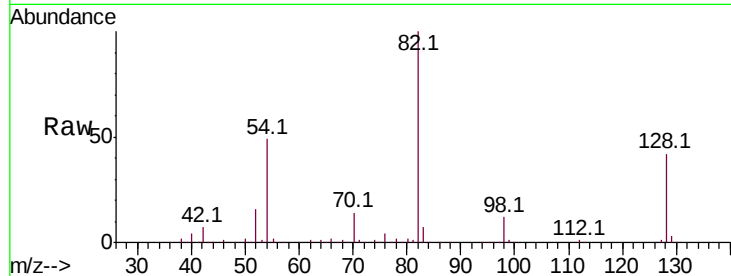
#23
 Nitrobenzene-d5
 Concen: 53.378 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109382.D
 Acq: 27 Sep 2018 13:09

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	49.2	41.4	62.2

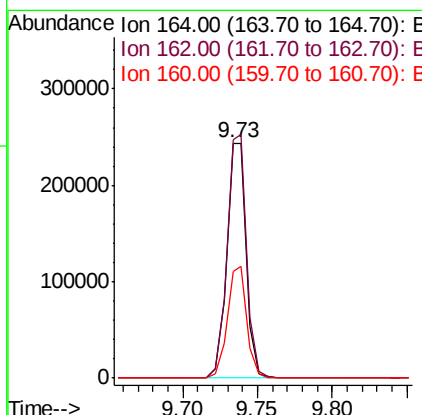
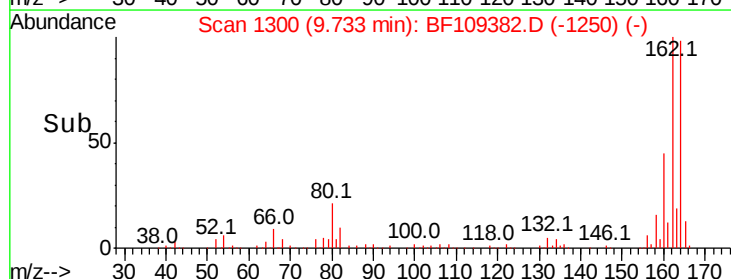
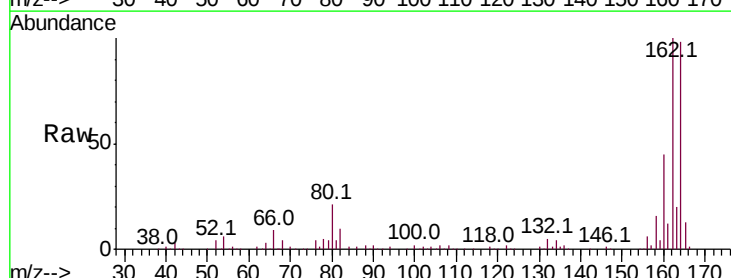
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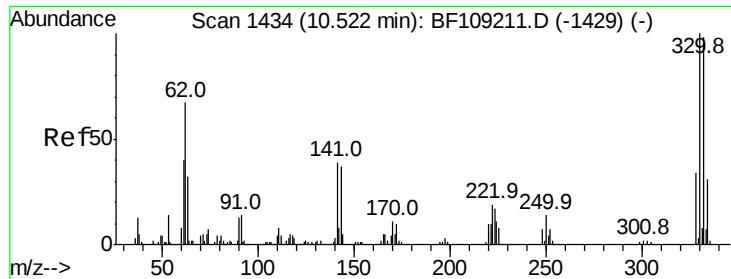
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109382.D
 Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.6	38.3	57.5





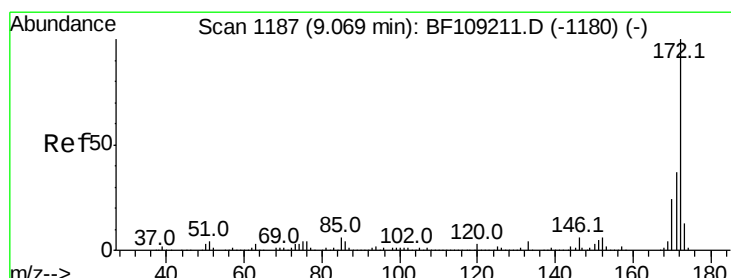
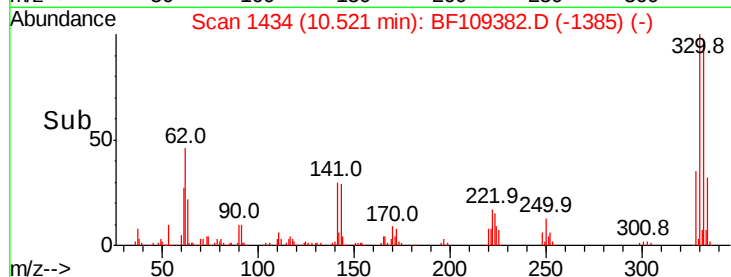
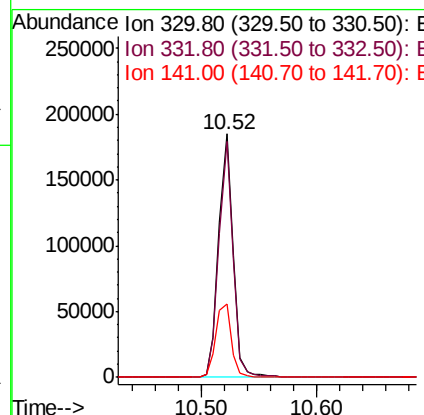
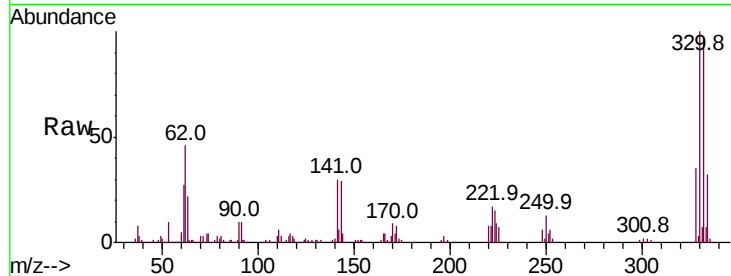
#41
 2,4,6-Tribromophenol
 Concen: 72.505 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109382.D
 Acq: 27 Sep 2018 13:09

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	161113		
332	95.7	77.0	115.6	
141	33.2	29.9	44.9	

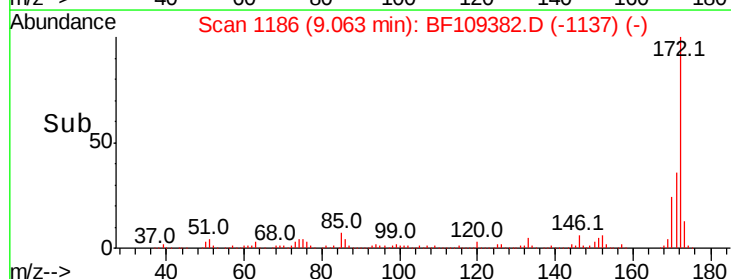
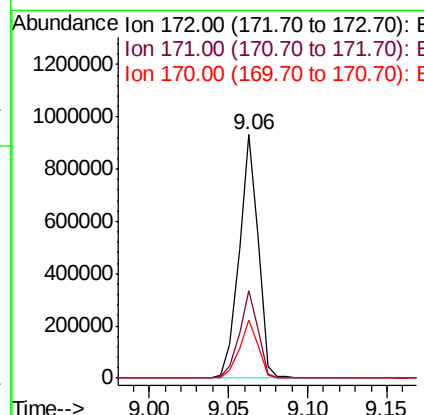
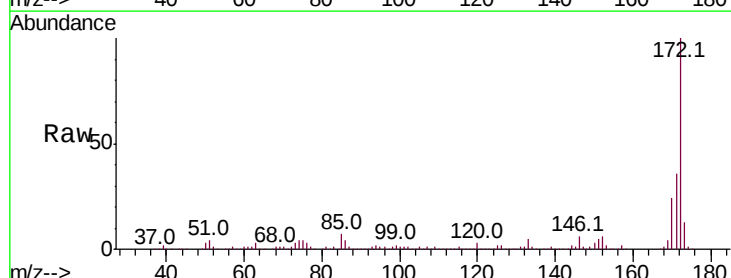
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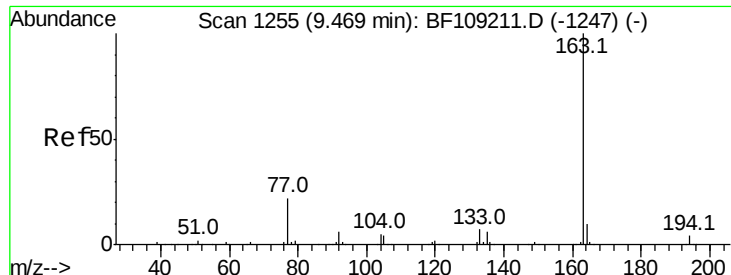
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#44
 2-Fluorobiphenyl
 Concen: 51.789 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109382.D
 Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	774034		
171	35.8	29.7	44.5	
170	23.9	19.6	29.4	





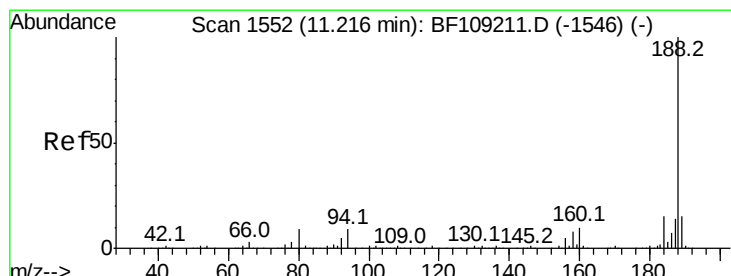
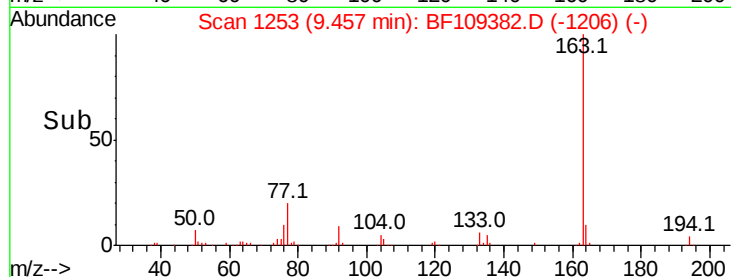
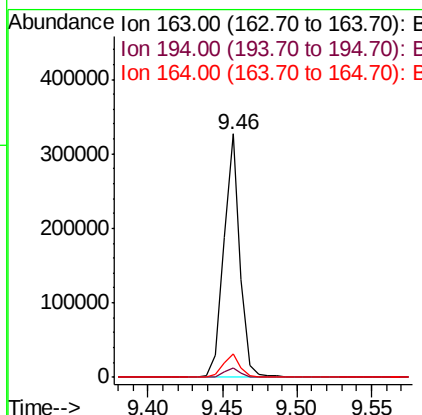
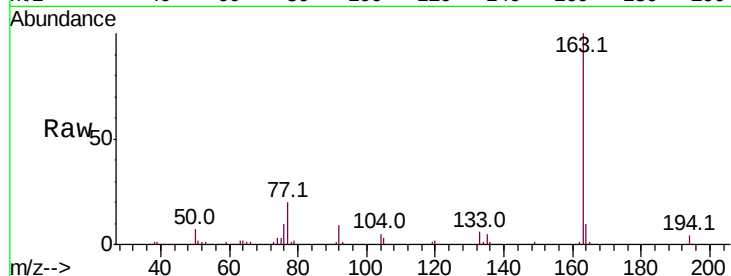
#49
Dimethylphthalate
Concen: 15.166 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	248648		
194	4.1		2.7	4.1
164	9.7		8.2	12.2

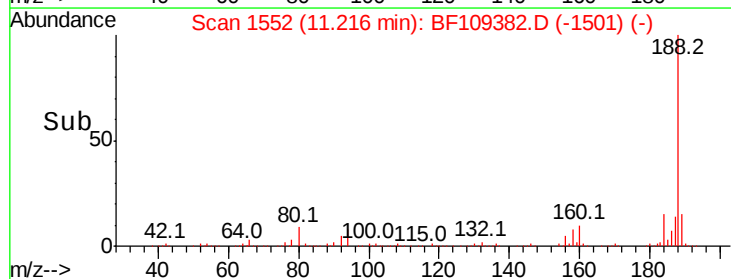
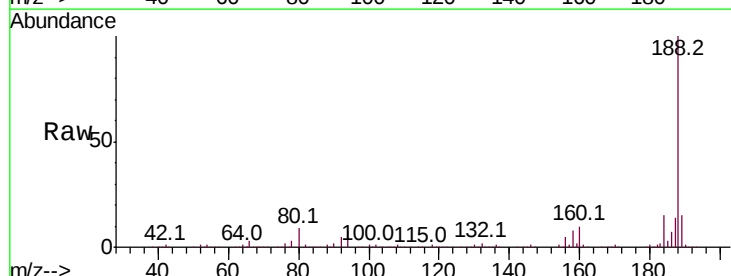
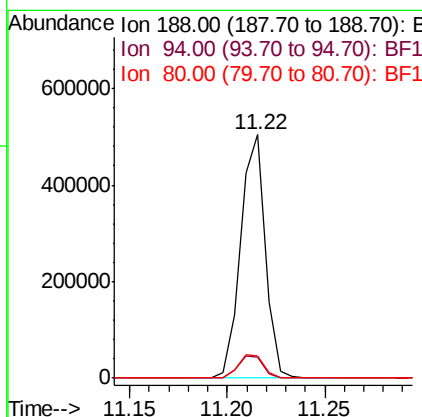
Manual Integrations
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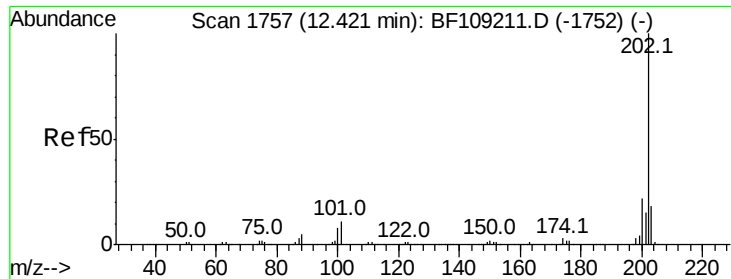
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	442150		
94	8.4		8.5	12.7#
80	9.0		9.2	13.8#





#74

Fluoranthene

Concen: 3.123 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109382.D

Acq: 27 Sep 2018 13:09

Instrument :

BNA_F

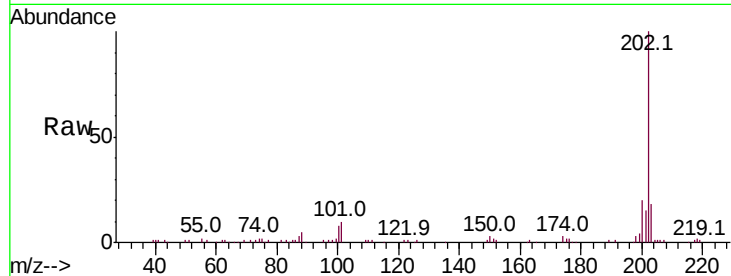
ClientSampled :

TP-2-S

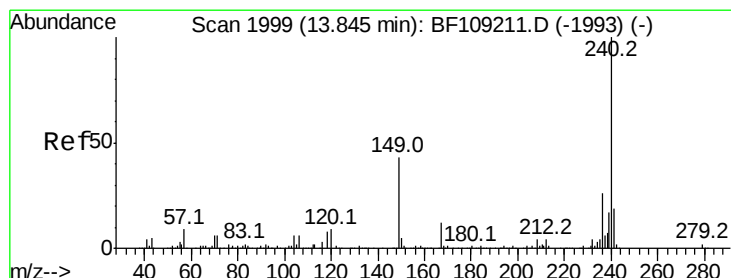
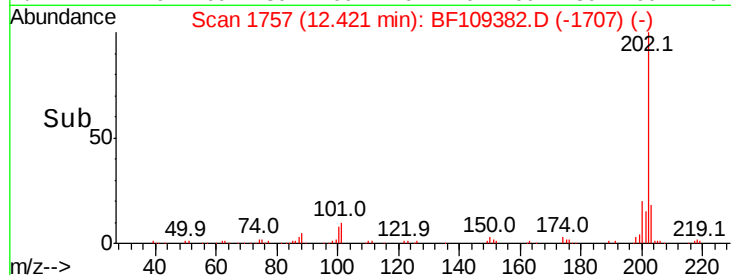
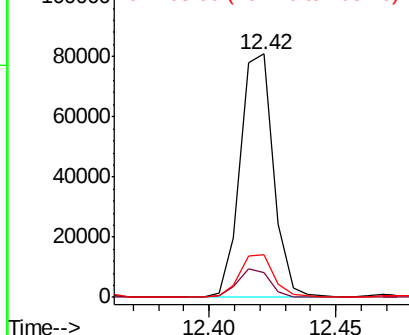
Tot Ion:	202	Resp:	73684
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	34.1
203	17.6	0.0	38.1

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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

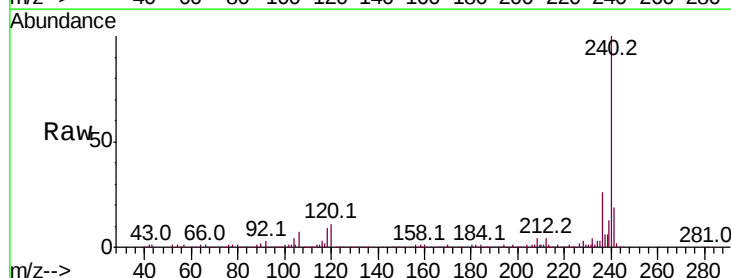
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

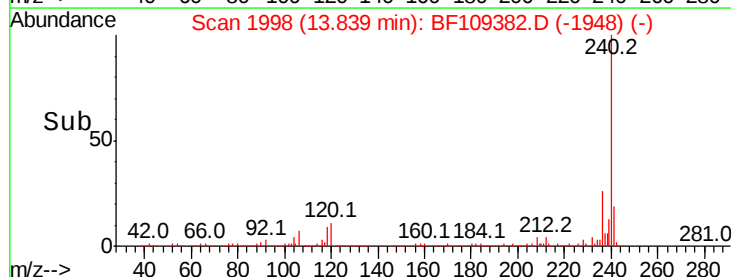
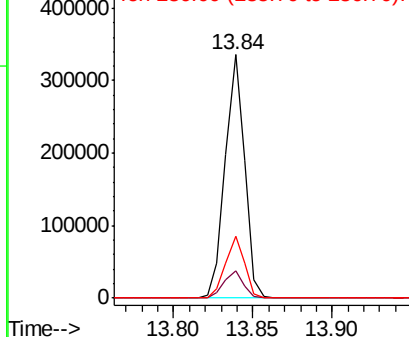
Lab File: BF109382.D

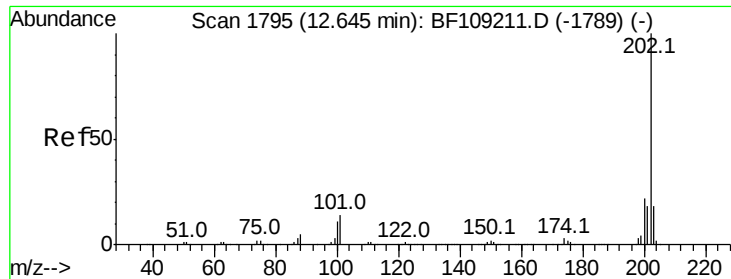
Acq: 27 Sep 2018 13:09

Tgt Ion:	240	Resp:	285127
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.6	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: 3.626 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109382.D

Acq: 27 Sep 2018 13:09

Instrument :

BNA_F

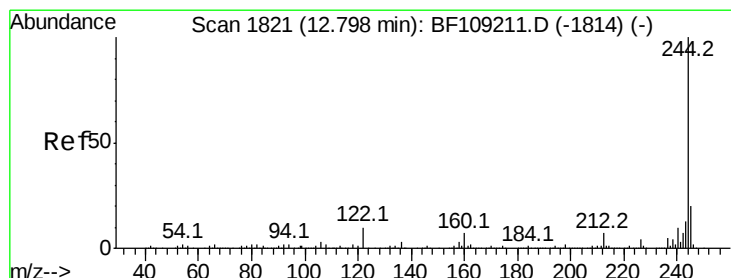
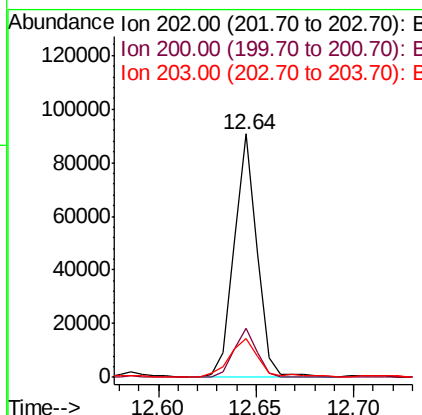
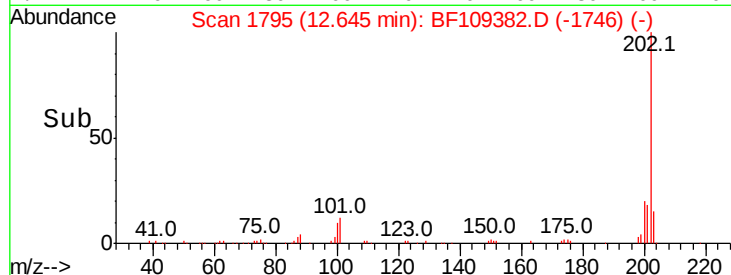
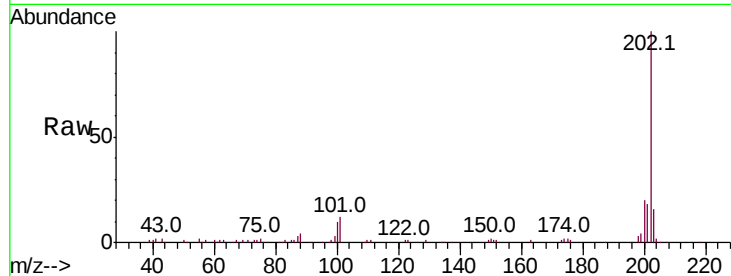
ClientSampleId :

TP-2-S

Tot Ion:202	Resp:	74091
Ion Ratio	Lower	Upper
202 100		
200 20.1	17.4	26.2
203 15.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 62.223 ng

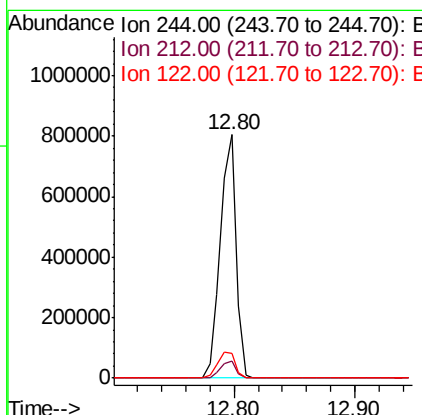
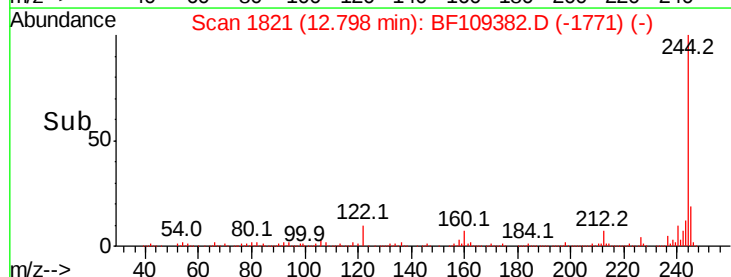
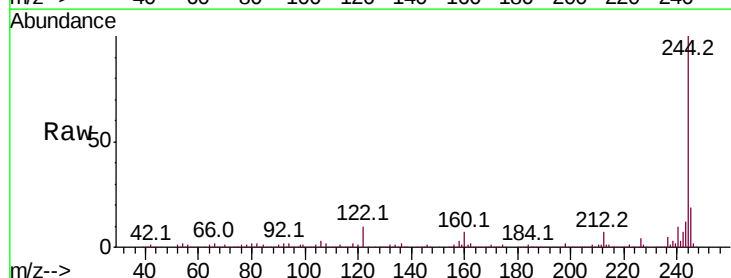
RT: 12.80 min Scan# 1821

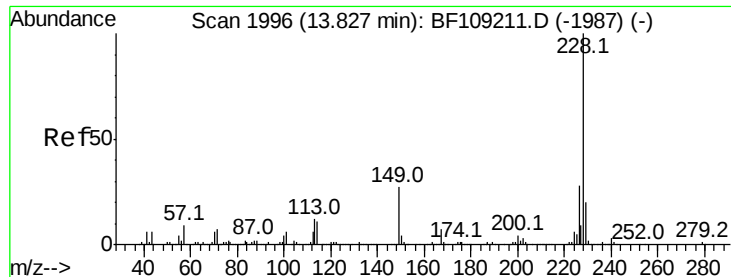
Delta R.T. -0.01 min

Lab File: BF109382.D

Acq: 27 Sep 2018 13:09

Tgt Ion:244	Resp:	722907
Ion Ratio	Lower	Upper
244 100		
212 6.8	5.4	8.0
122 10.0	11.0	16.4#





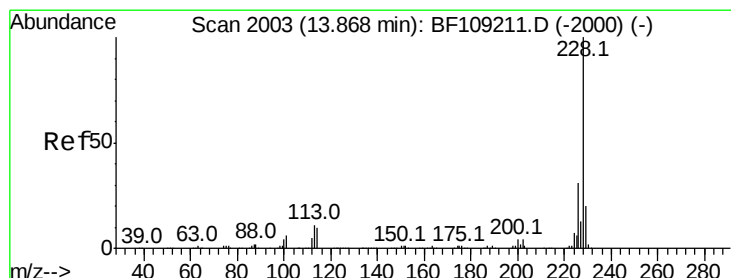
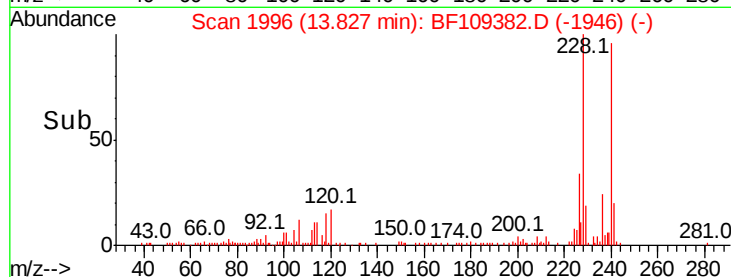
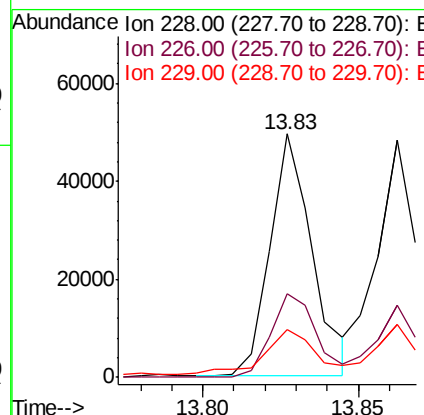
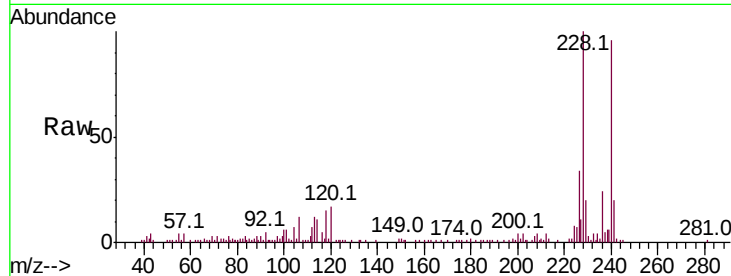
#80
Benzo(a)anthracene
Concen: 2.732 ng m
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.6	33.8#
229	19.8	15.8	23.6

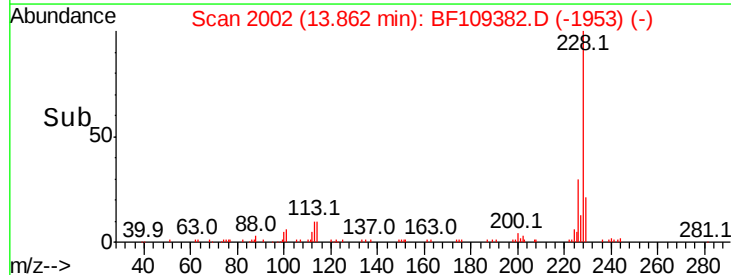
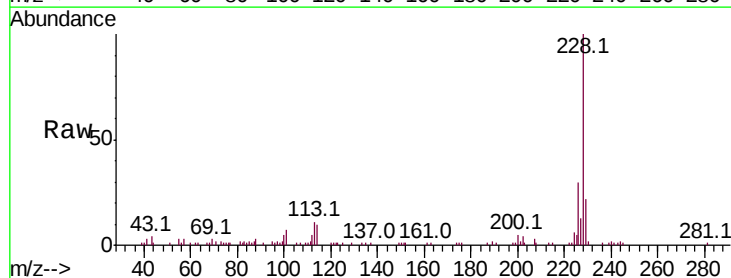
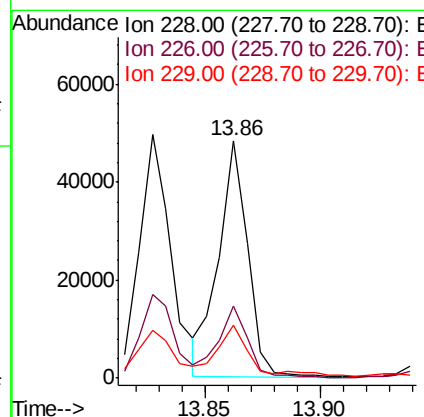
Manual Integrations
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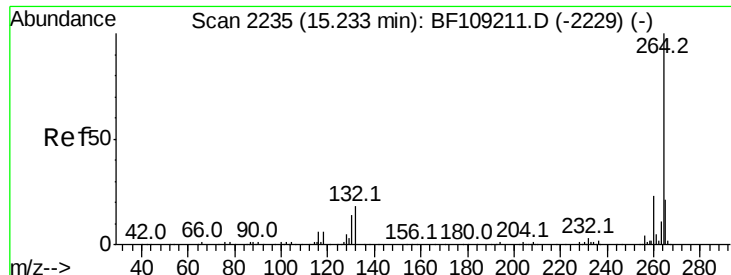
Sohil
9/28/2018 2:38:46 PM



#82
Chrysene
Concen: 2.487 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.4	16.2	24.4





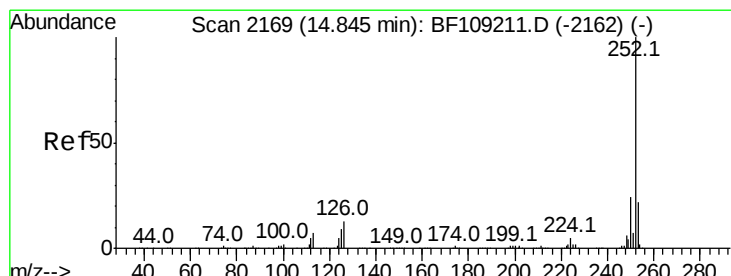
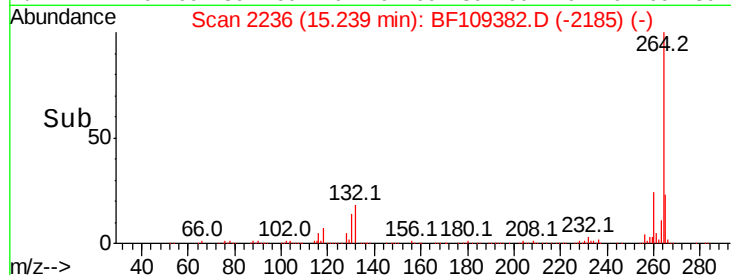
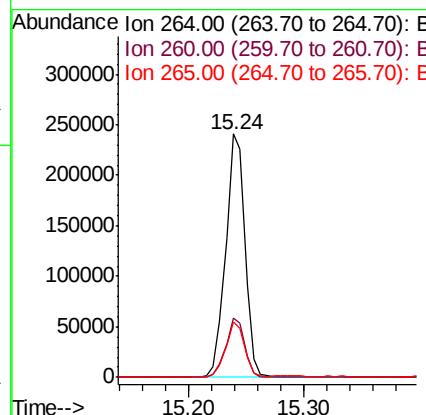
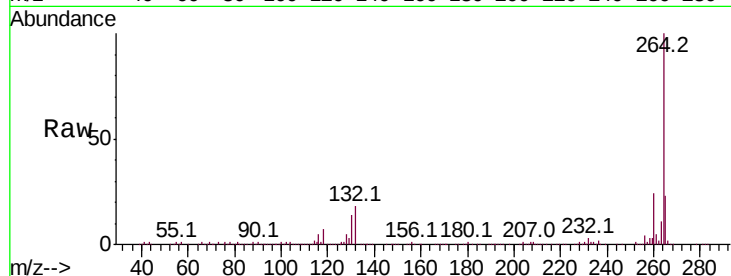
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109382.D
 Acq: 27 Sep 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3

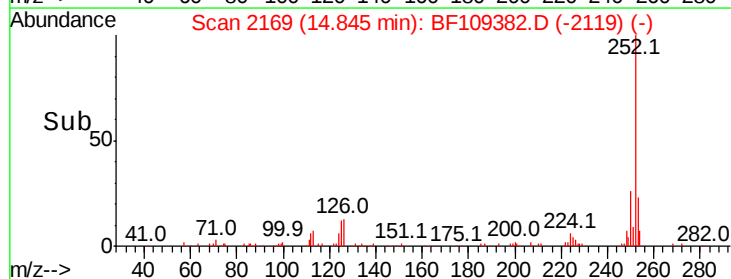
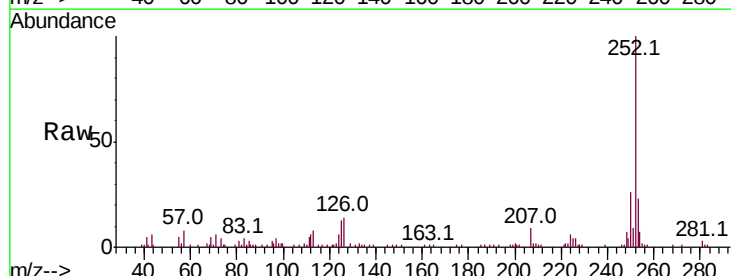
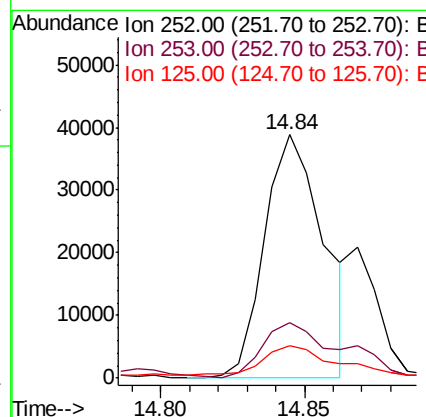
Manual Integrations
 APPROVED

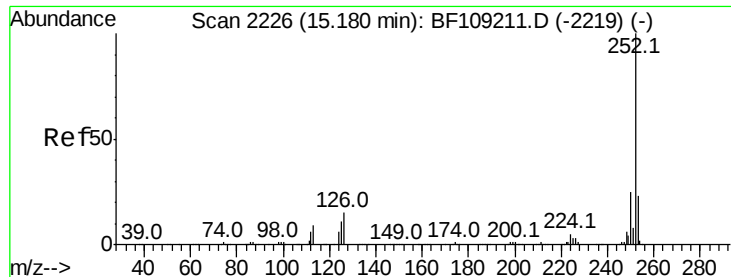
Sohil
 9/28/2018 2:38:46 PM



#87
 Benzo(b)fluoranthene
 Concen: 3.601 ng m
 RT: 14.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BF109382.D
 Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	13.4	9.0	13.6





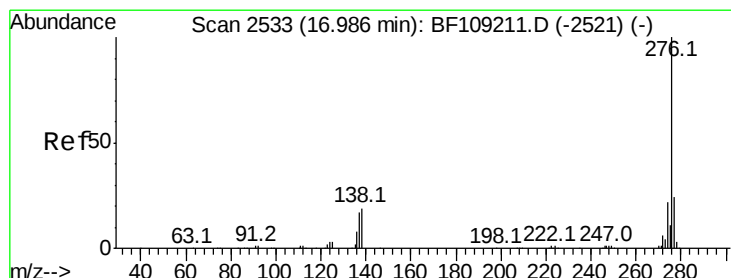
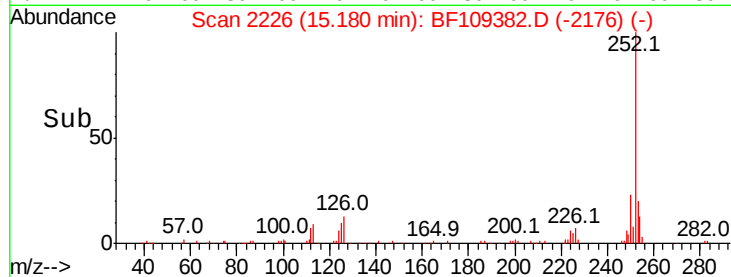
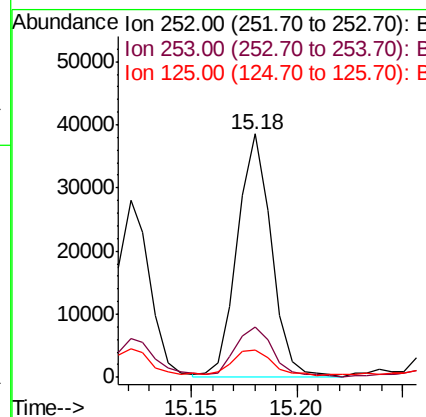
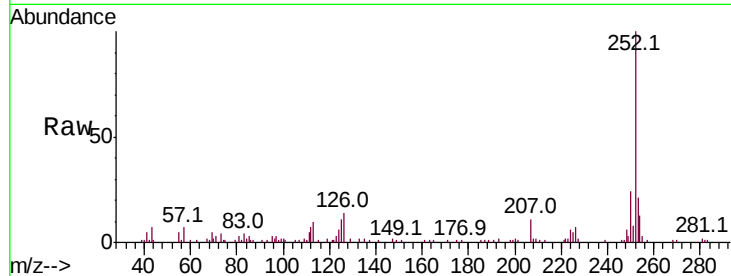
#89
Benzo(a)pyrene
Concen: 3.108 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	11.2	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/28/2018 2:38:46 PM



#91
Benzo(g,h,i)perylene
Concen: 2.041 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109382.D
Acq: 27 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	25.1	21.8	32.8

