

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108562.D
 Acq On : 28 Aug 2018 18:18
 Operator : JU/SJ
 Sample : J4277-09 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082718-A

Manual Integrations
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 8/29/2018 3:11:35 PM

Quant Time: Aug 29 10:39:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112119	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	435459	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	196382	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	326926	20.00	ng	0.00
75) Chrysene-d12	14.19	240	284043	20.00	ng	0.00
86) Perylene-d12	15.75	264	229275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	37310	6.02	ng	0.02
7) Phenol-d6	6.64	99	65420	7.95	ng	0.01
23) Nitrobenzene-d5	7.57	82	41643	5.34	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	13175	6.73	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	87903	7.19	ng	-0.01
78) Terphenyl-d14	13.12	244	71168	6.37	ng	0.00
Target Compounds						
74) Fluoranthene	12.76	202	50391	2.994	ng	95
77) Pyrene	13.00	202	52142	2.900	ng	98
87) Benzo(b)fluoranthene	15.28	252	33708m	2.460	ng	

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

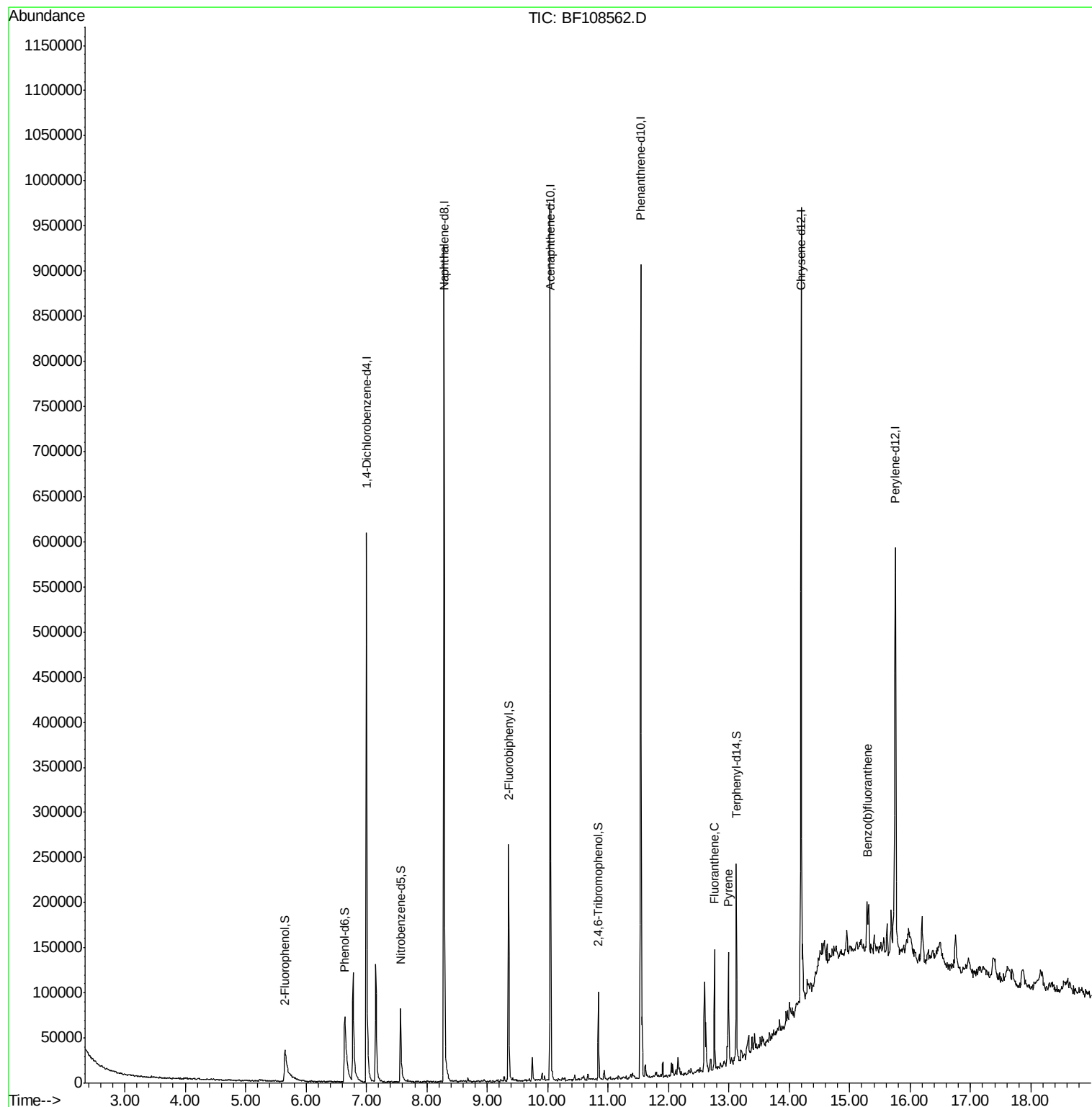
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108562.D
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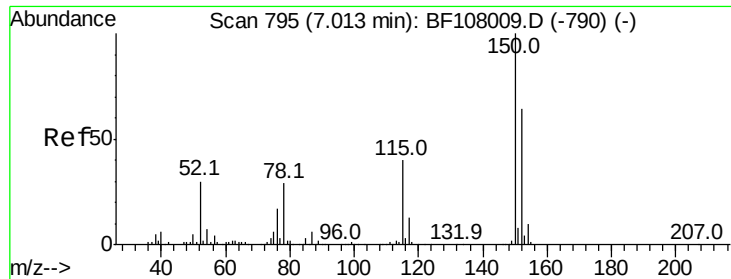
Instrument :
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OR-01-082718-A

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#1

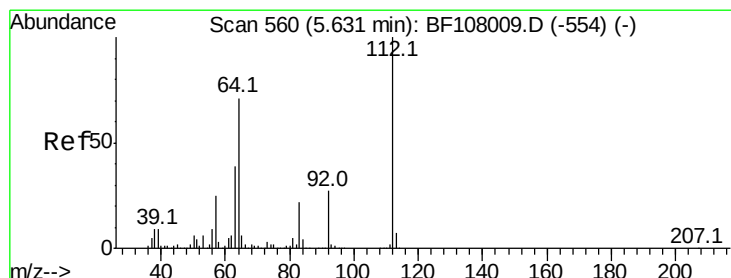
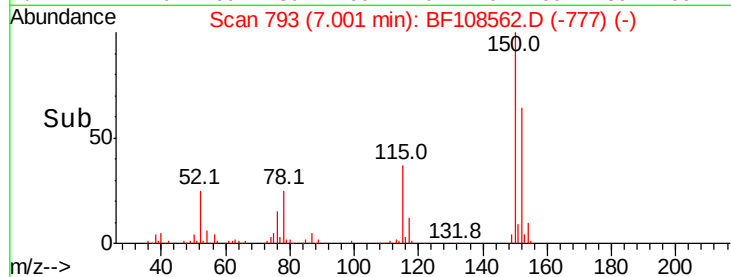
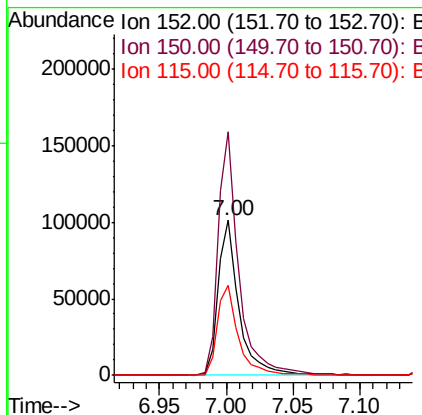
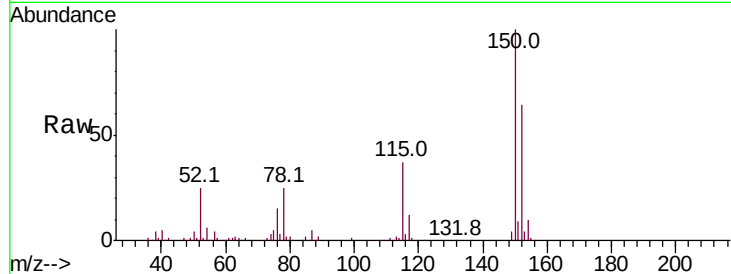
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	58.5	50.1	75.1

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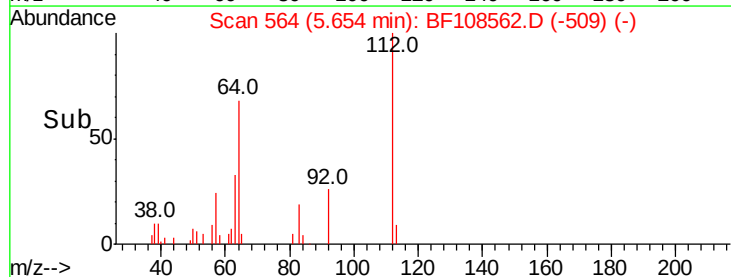
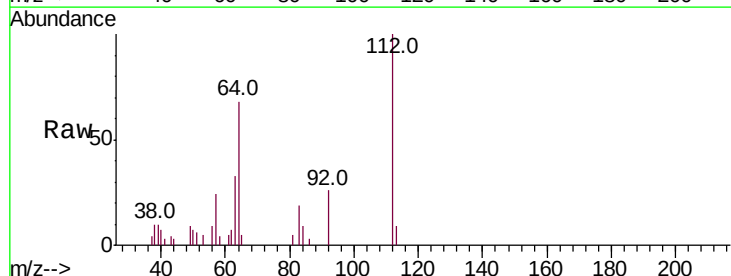
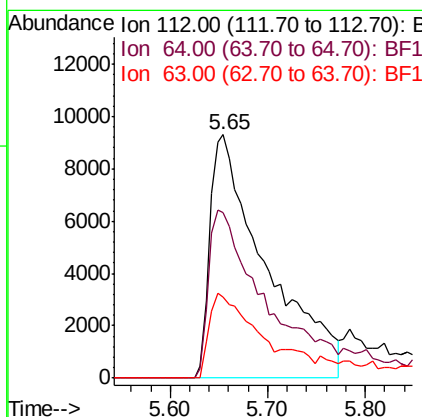
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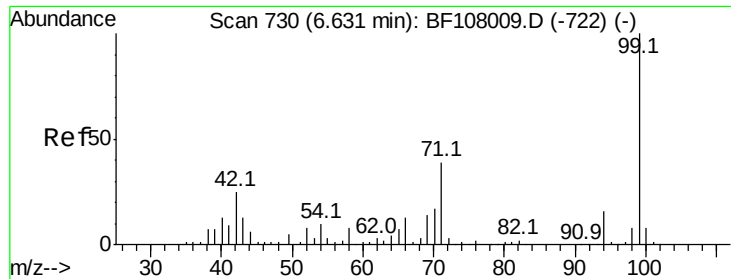


#5

2-Fluorophenol
Concen: 6.025 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	33.3	23.7	35.5





#7

Phenol-d6

Concen: 7.949 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

Instrument :

BNA_F

ClientSampleId :

OR-01-082718-A

Tot Ion: 99 Resp: 65420

Ion Ratio Lower Upper

99 100

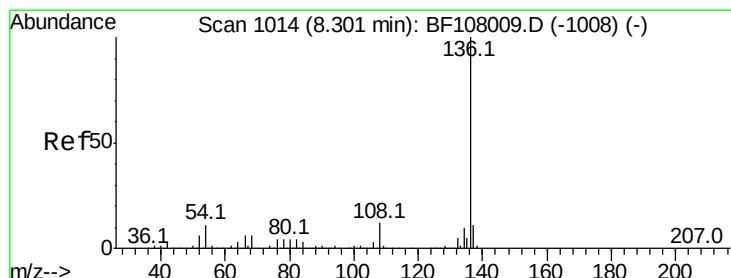
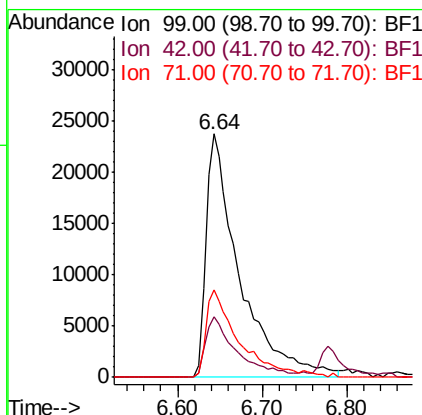
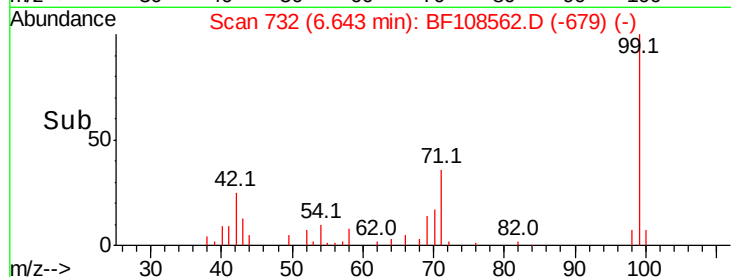
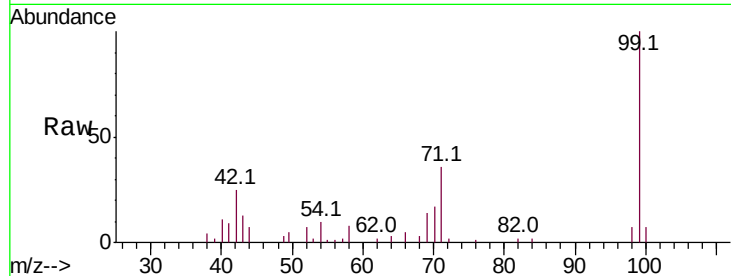
42 24.7 14.5 21.7#

71 35.8 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

Tgt Ion: 136 Resp: 435459

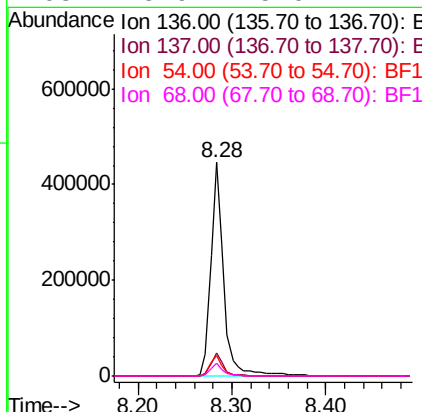
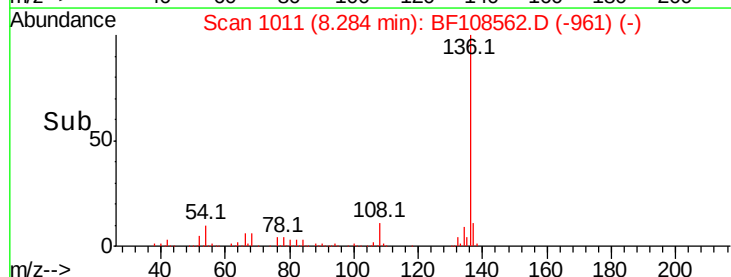
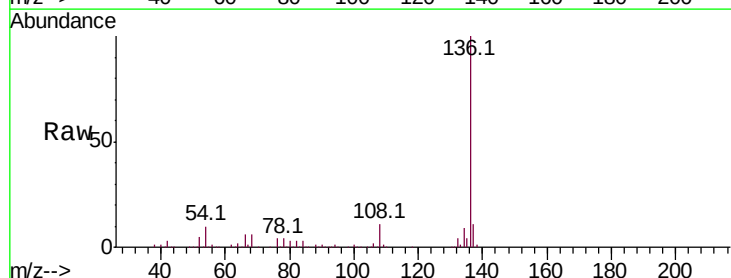
Ion Ratio Lower Upper

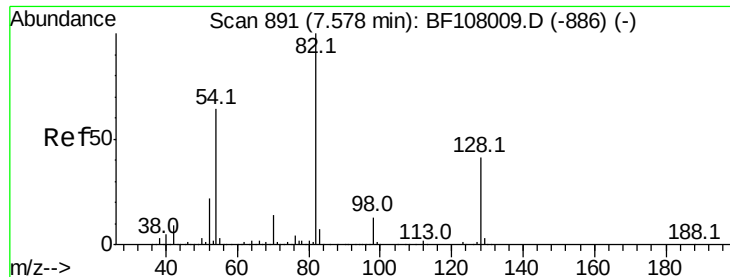
136 100

137 10.7 8.9 13.3

54 9.8 6.6 9.8

68 5.9 5.0 7.4





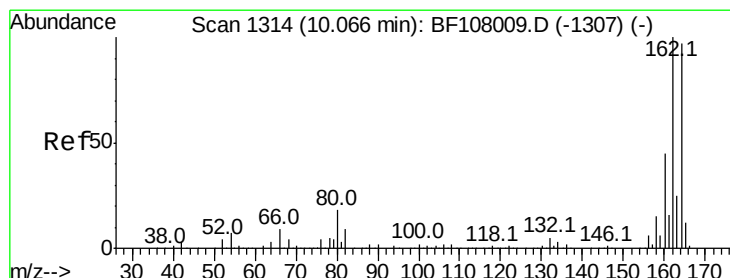
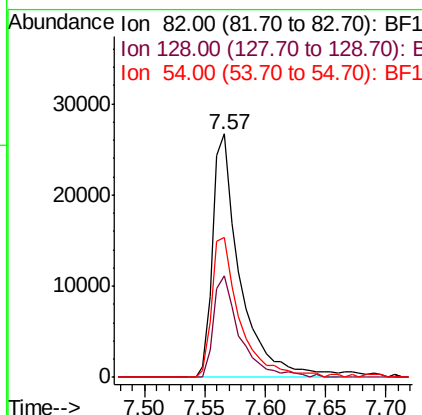
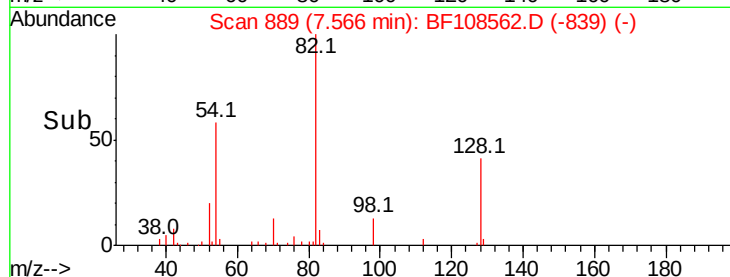
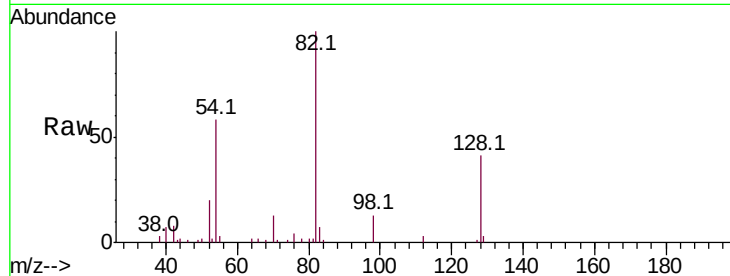
#23
 Nitrobenzene-d5
 Concen: 5.336 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082718-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	57.6	41.4	62.2

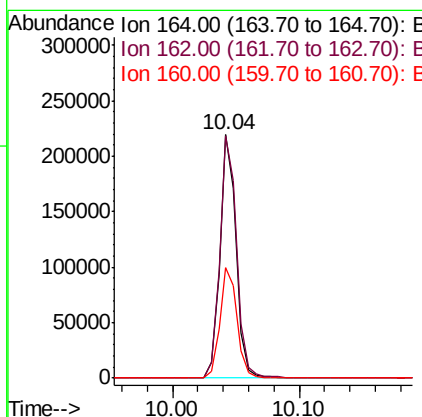
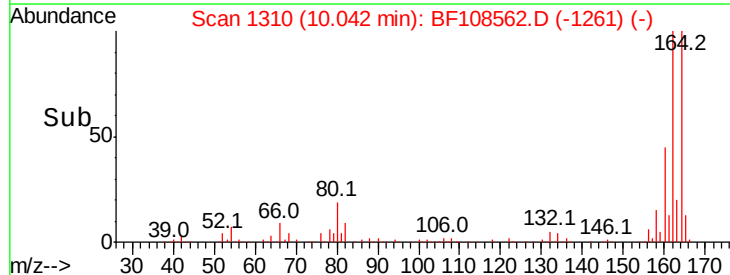
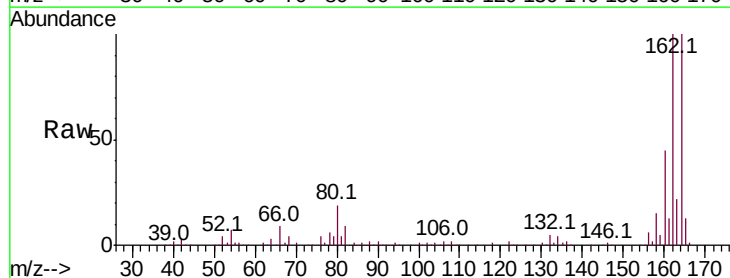
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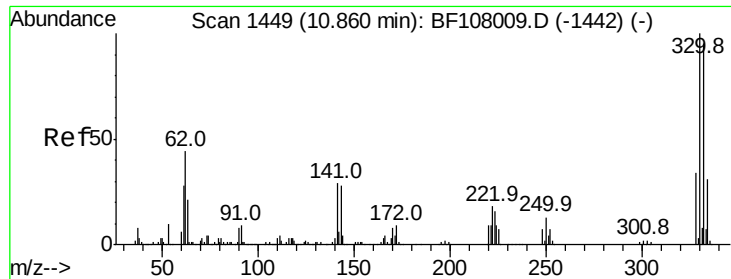
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	86.1	129.1
160	45.2	38.3	57.5





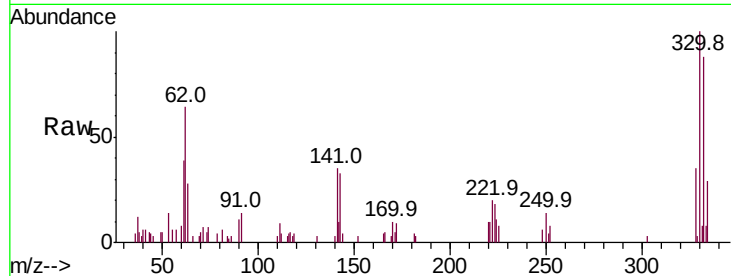
#41
 2,4,6-Tribromophenol
 Concen: 6.726 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082718-A

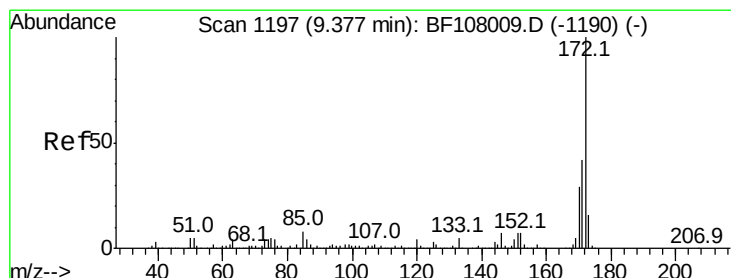
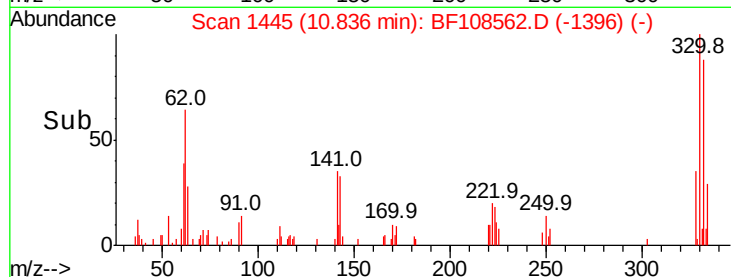
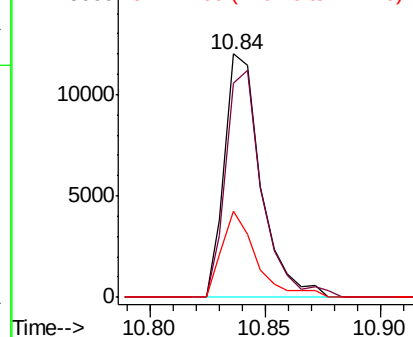
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.2	77.0	115.6	
141	33.3	29.9	44.9	

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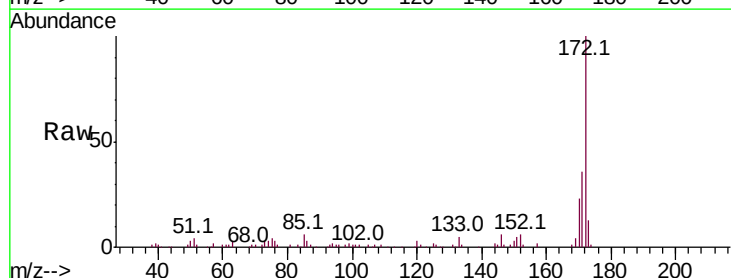


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

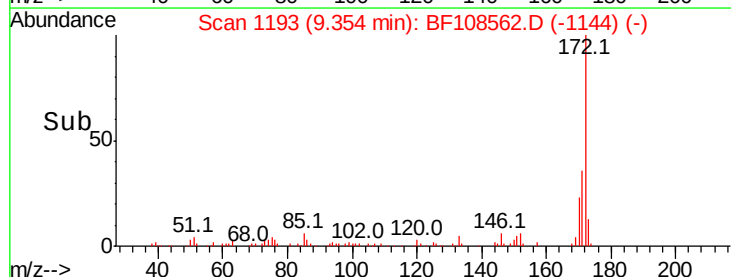
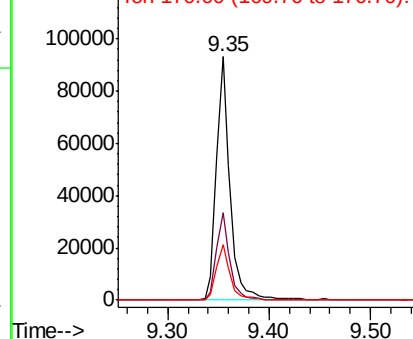


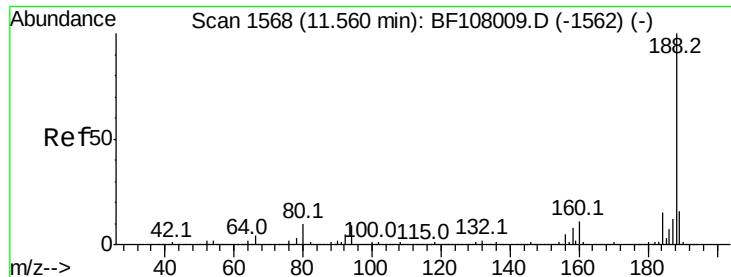
#44
 2-Fluorobiphenyl
 Concen: 7.186 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	22.9	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





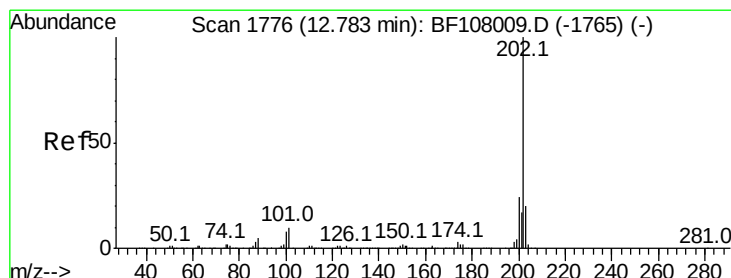
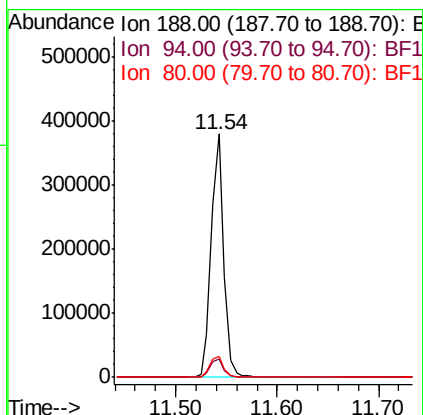
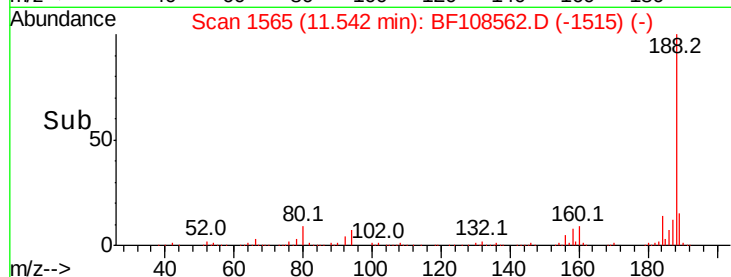
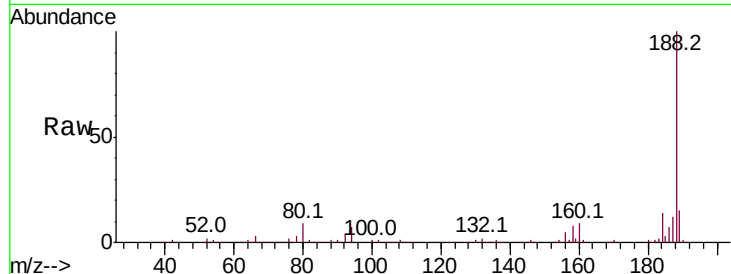
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.8	9.2	13.8#

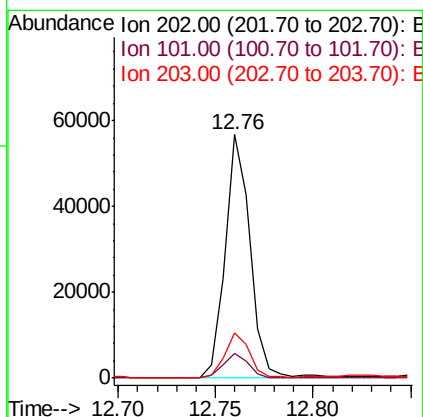
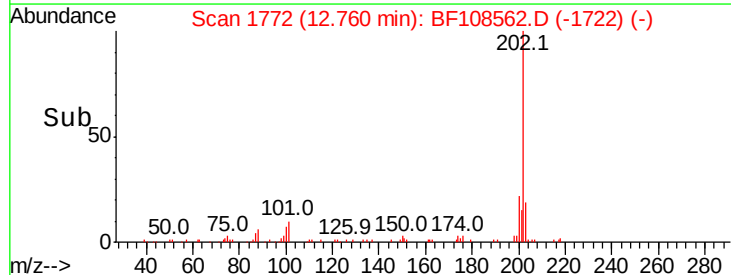
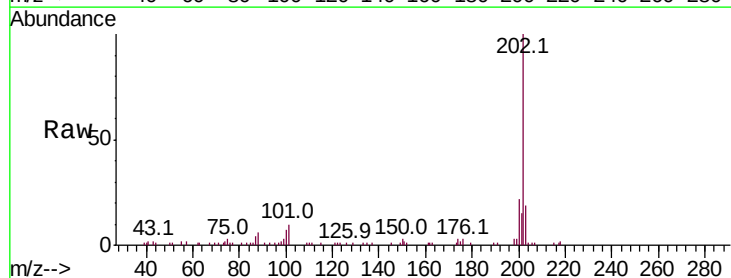
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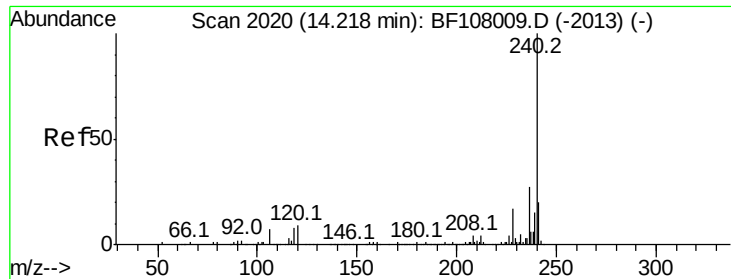
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#74
Fluoranthene
Concen: 2.994 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

Instrument :

BNA_F

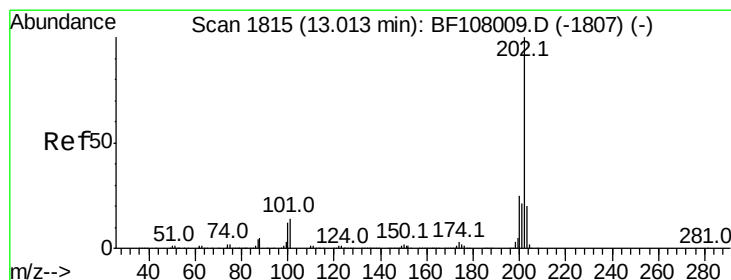
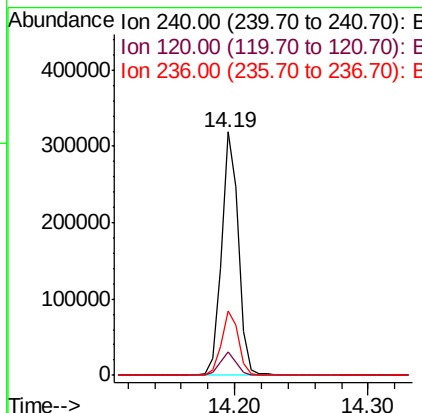
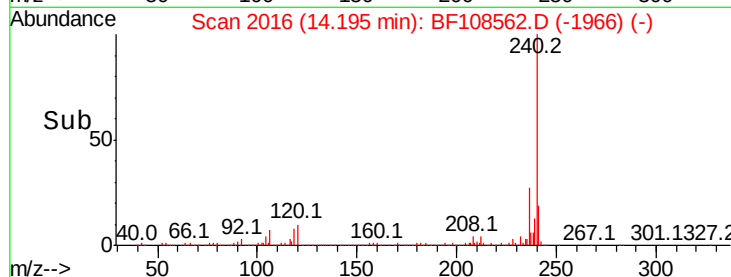
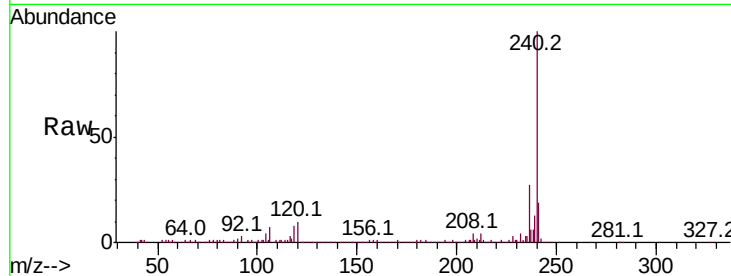
ClientSampleId :

OR-01-082718-A

Tot Ion:	240	Resp:	284043
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	26.6	20.7	31.1

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#77

Pyrene

Concen: 2.900 ng

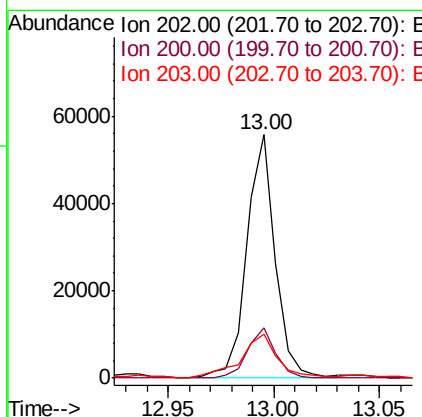
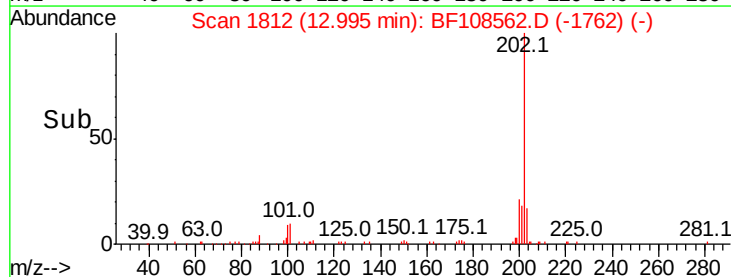
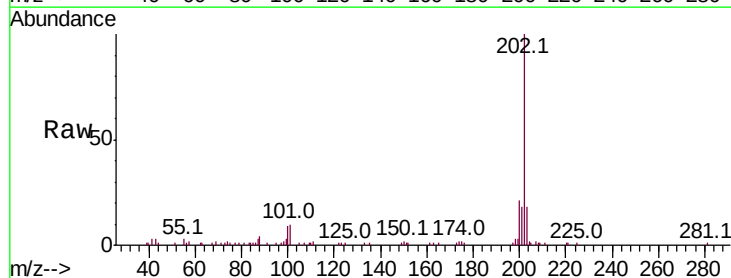
RT: 13.00 min Scan# 1812

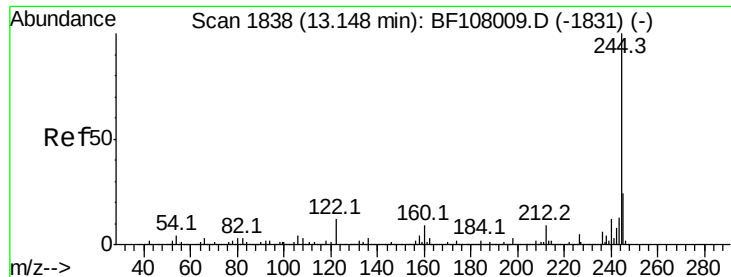
Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

Tgt Ion:	202	Resp:	52142
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.0	14.3	21.5





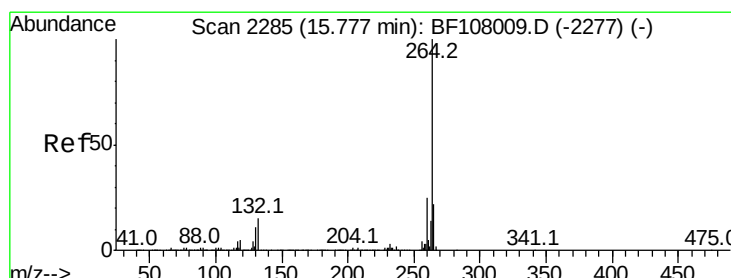
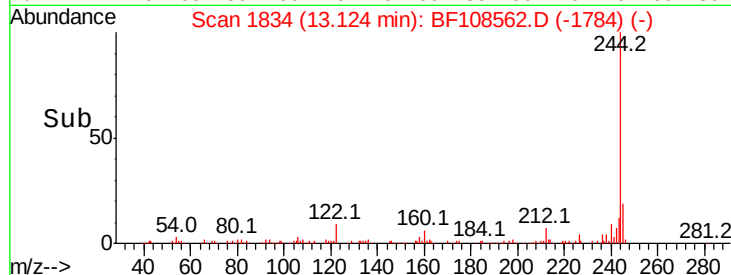
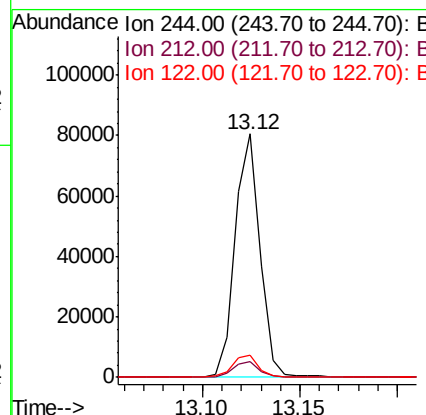
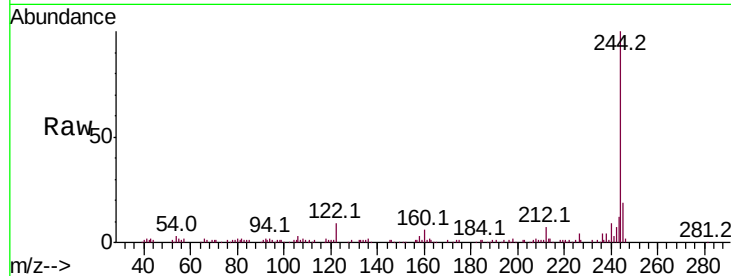
#78
 Terphenyl-d14
 Concen: 6.370 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleID :
 OR-01-082718-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.0	11.0	16.4

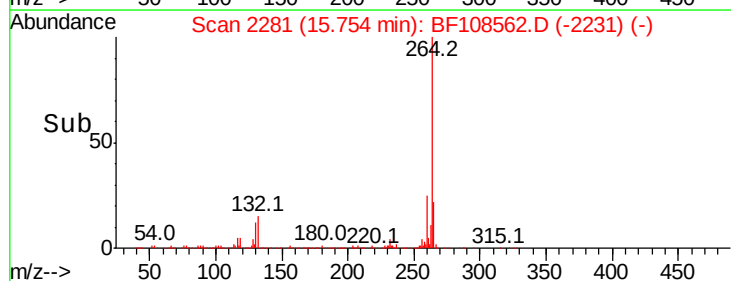
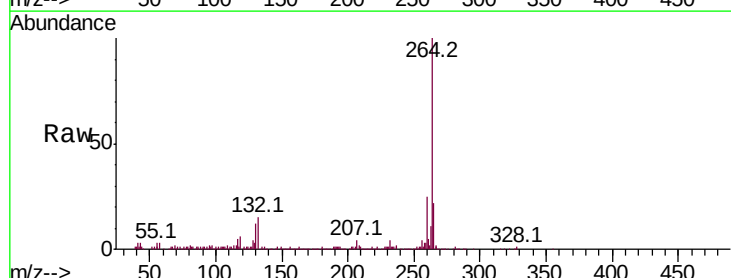
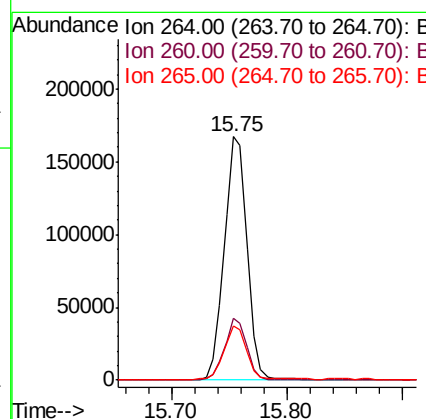
Manual Integrations
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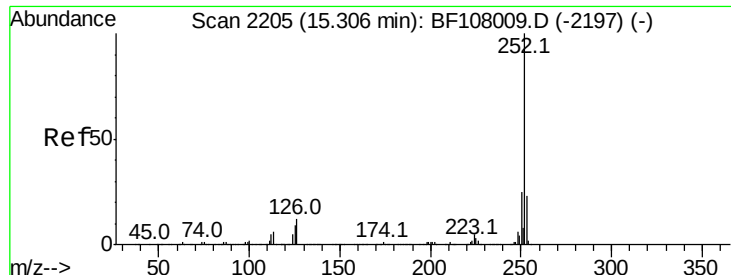
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.2	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.460 ng m
 RT: 15.28 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082718-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	14.4	9.0	13.6#

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