

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108670.D
 Acq On : 31 Aug 2018 5:24
 Operator : JU/SJ
 Sample : J4700-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-U-B

Manual Integrations
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 8/31/2018 12:18:57 PM

Quant Time: Aug 31 11:00:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	82463	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	349698	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	163111	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	297200	20.00	ng	0.00
75) Chrysene-d12	14.19	240	299400	20.00	ng	-0.01
86) Perylene-d12	15.75	264	248176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	138173m	29.11	ng	0.02
7) Phenol-d6	6.66	99	166698	24.52	ng	0.01
23) Nitrobenzene-d5	7.57	82	665552	96.60	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	159655	74.15	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1282721	105.74	ng	0.00
78) Terphenyl-d14	13.12	244	1116855	72.48	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	50681	3.946	ng	Qvalue # 98

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

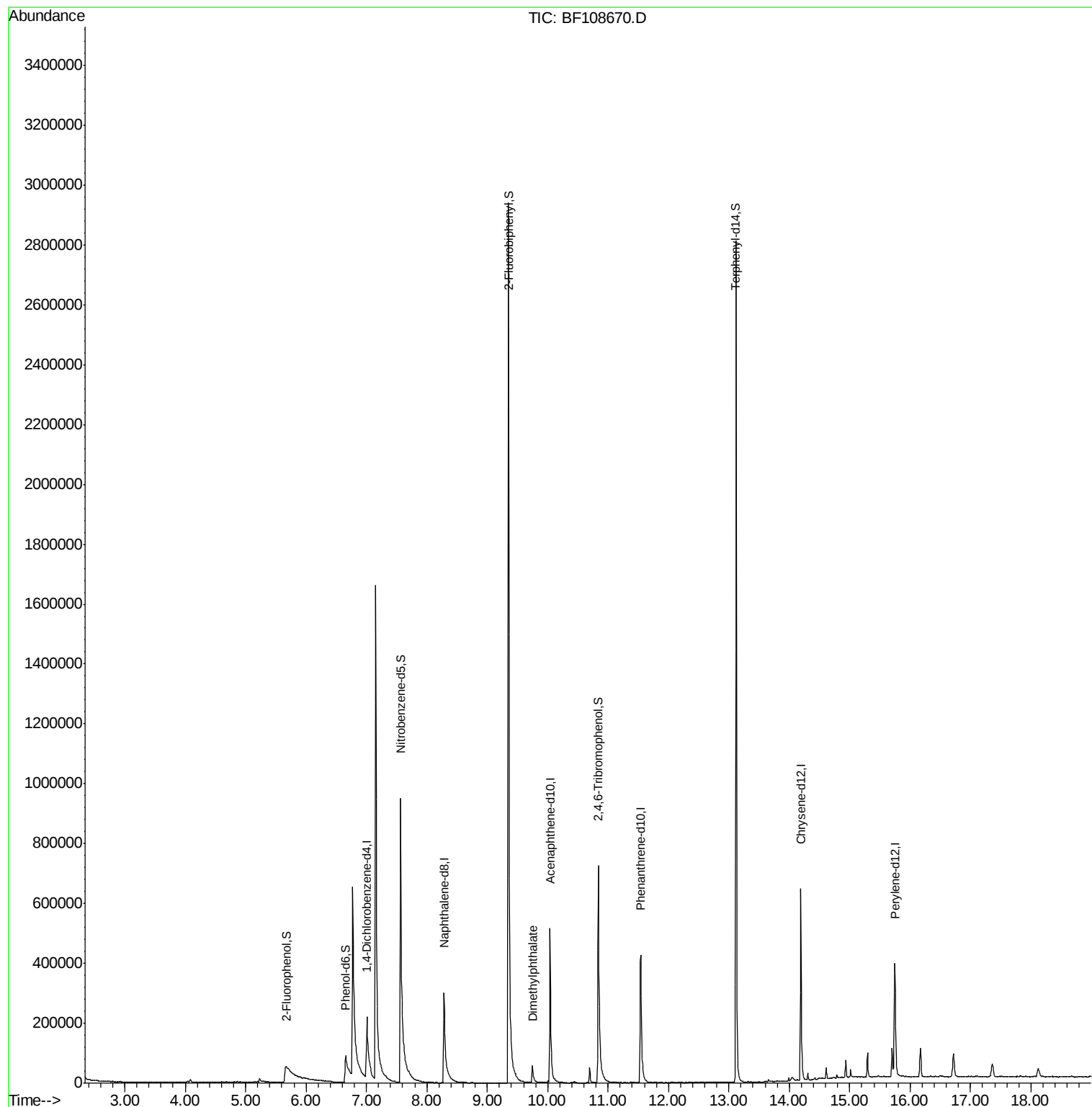
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
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#1

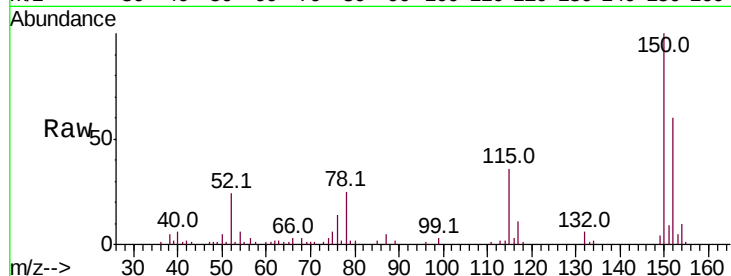
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108670.D
Acq: 31 Aug 2018 5:24

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.7	124.6	186.8
115	60.4	50.1	75.1

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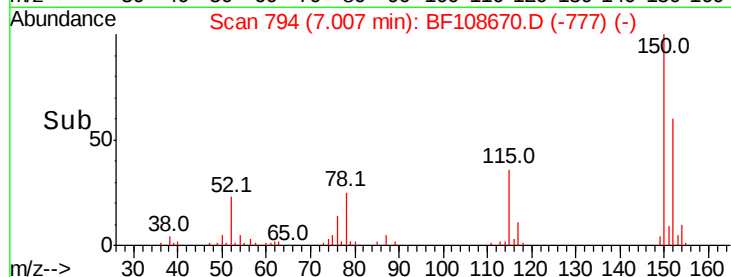
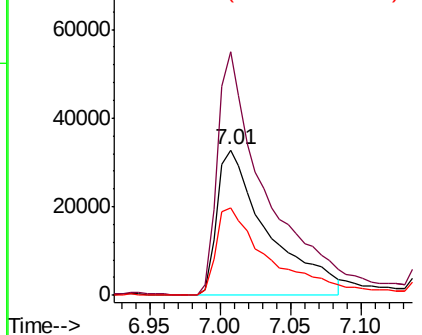


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

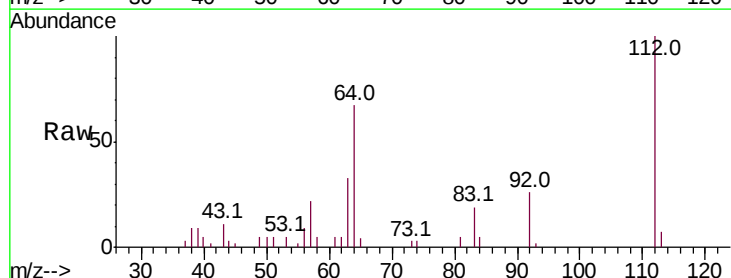
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 29.108 ng m
RT: 5.67 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF108670.D
Acq: 31 Aug 2018 5:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	33.3	23.7	35.5

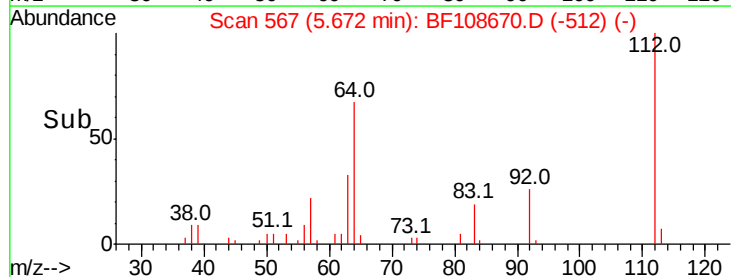
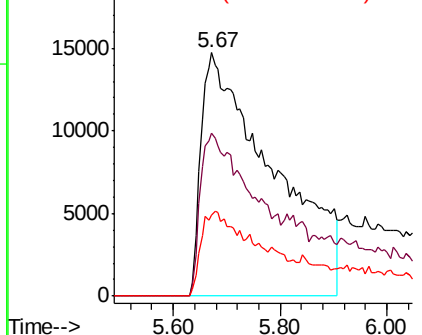


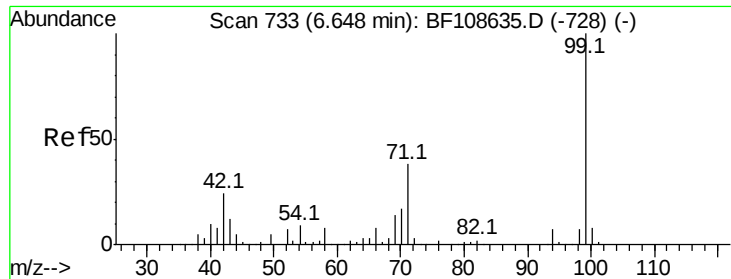
Abundance

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: 24.519 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108670.D

Acq: 31 Aug 2018 5:24

Instrument :

BNA_F

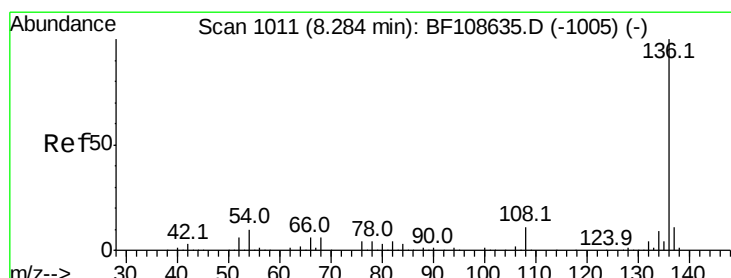
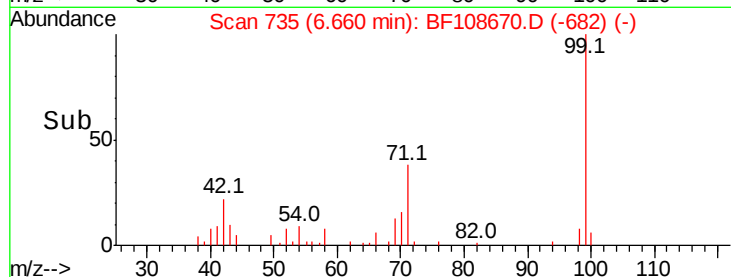
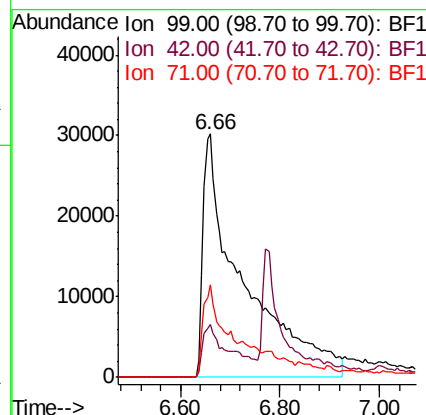
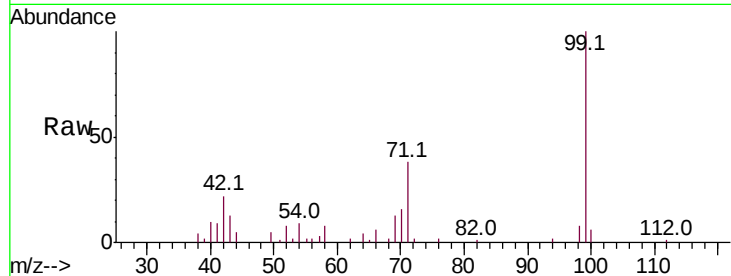
ClientSampleId :

082818-DBRI-F-U-B

Tot Ion:	99	Resp:	166698
Ion Ratio	Lower	Upper	
99	100		
42	21.6	14.5	21.7
71	38.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

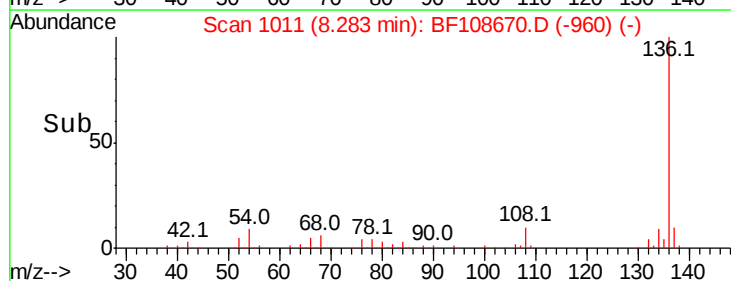
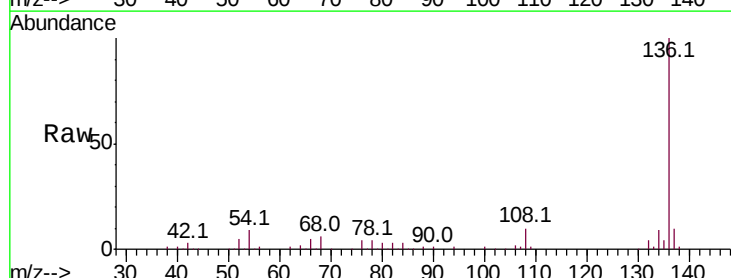
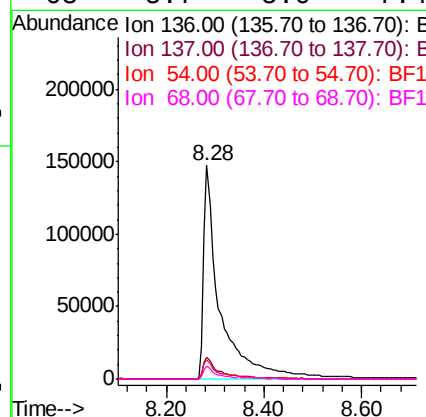
RT: 8.28 min Scan# 1011

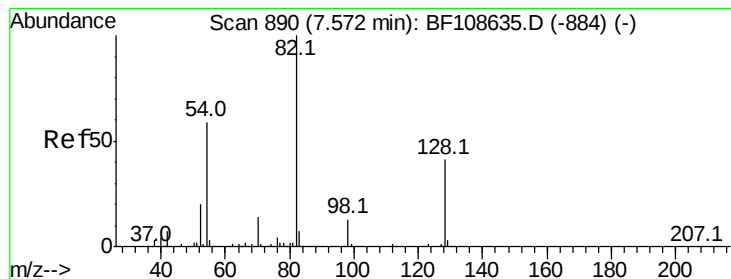
Delta R.T. -0.00 min

Lab File: BF108670.D

Acq: 31 Aug 2018 5:24

Tgt Ion:	136	Resp:	349698
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	9.3	6.6	9.8
68	5.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 96.605 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108670.D

Acq: 31 Aug 2018 5:24

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-B

Tot Ion: 82 Resp: 665552

Ion Ratio Lower Upper

82 100

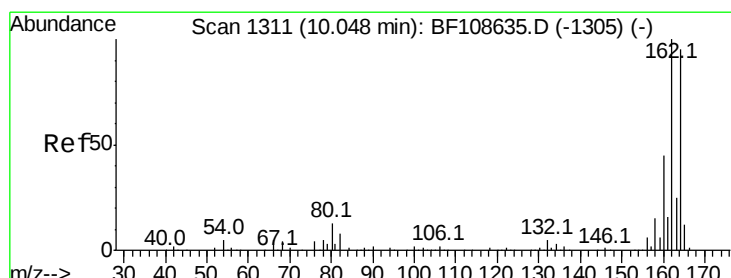
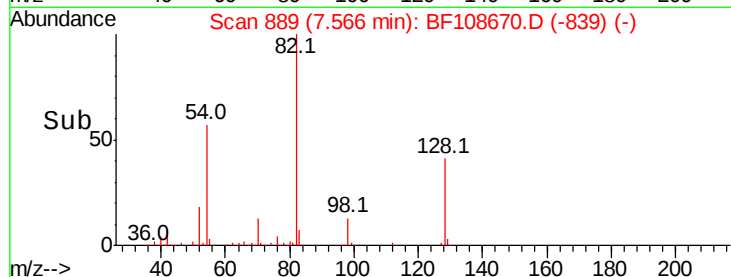
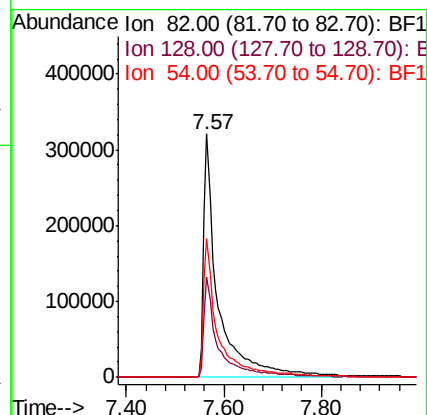
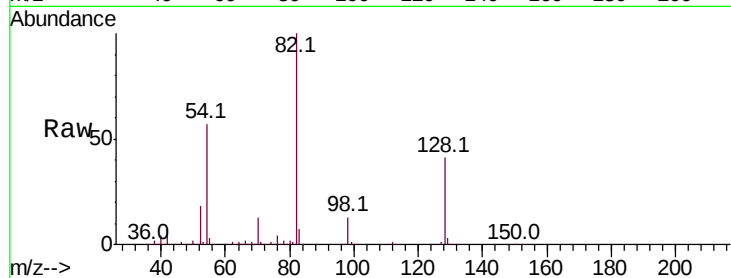
128 41.3 36.1 54.1

54 57.1 41.4 62.2

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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: BF108670.D

Acq: 31 Aug 2018 5:24

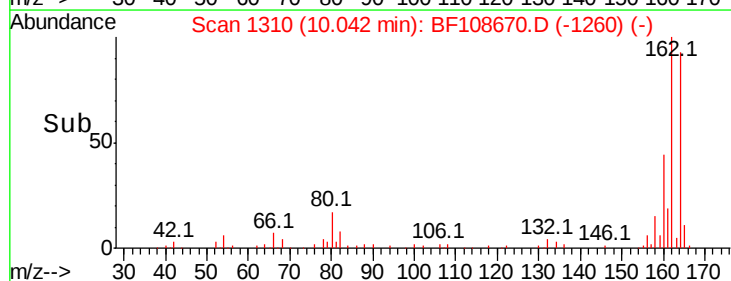
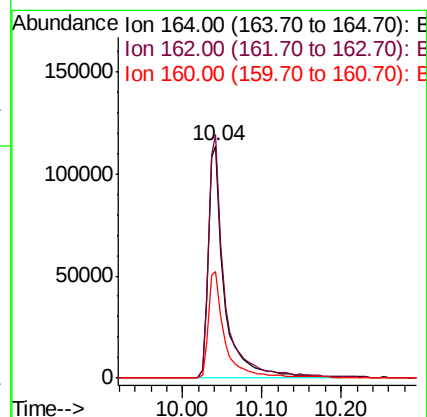
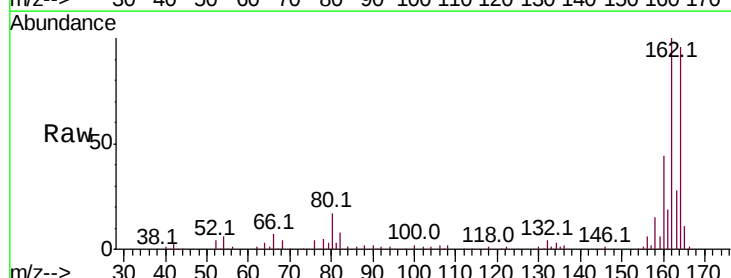
Tgt Ion: 164 Resp: 163111

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

160 45.9 38.3 57.5





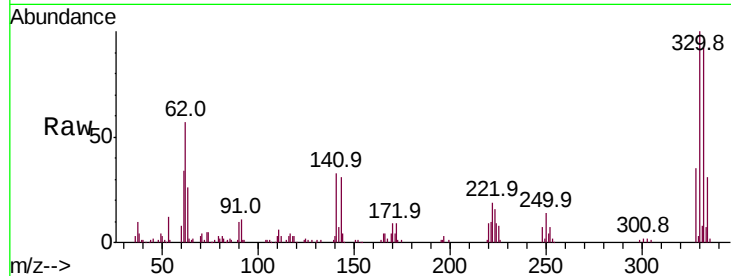
#41
 2,4,6-Tribromophenol
 Concen: 74.146 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108670.D
 Acq: 31 Aug 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-U-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.0	115.6	
141	33.4	29.9	44.9	

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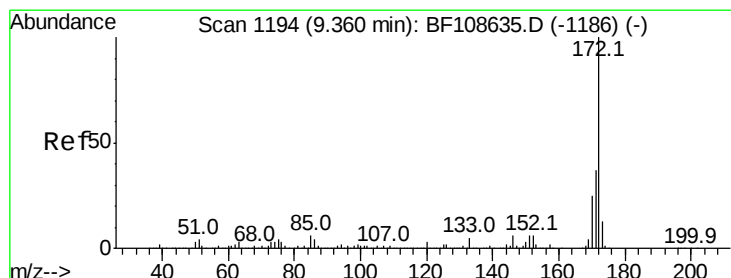
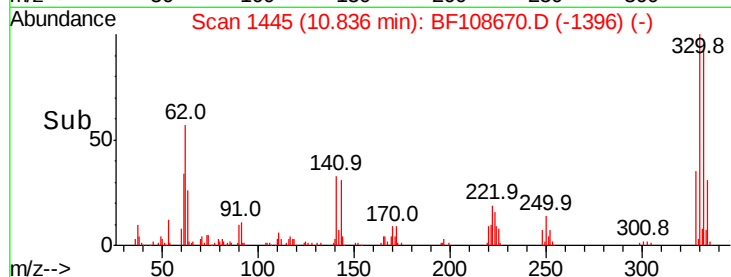
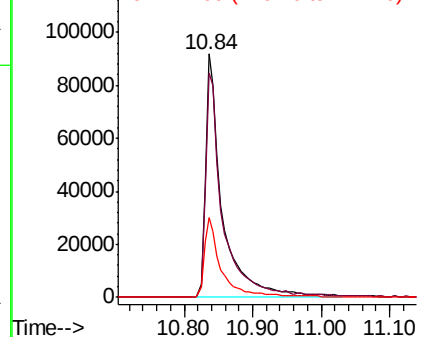


Abundance

Ion 329.80 (329.50 to 330.50): E

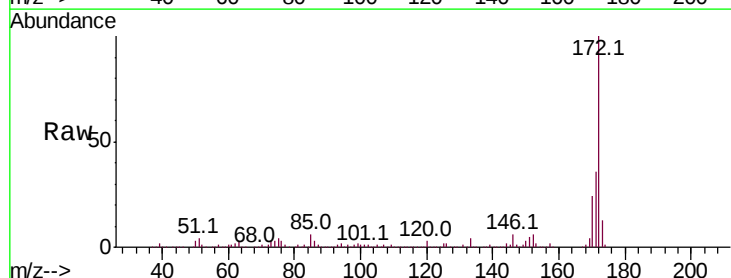
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.739 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108670.D
 Acq: 31 Aug 2018 5:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.4	19.6	29.4	

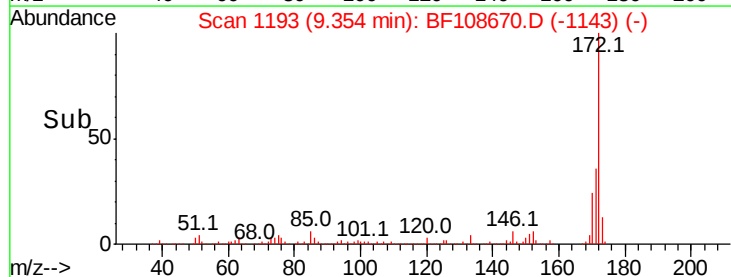
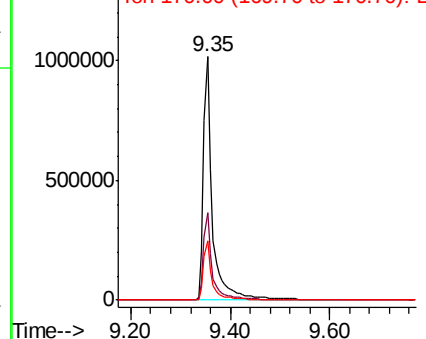


Abundance

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





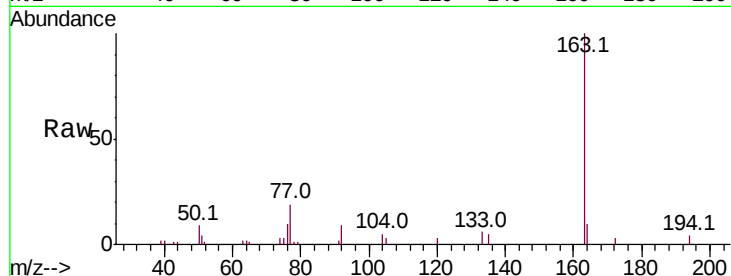
#49
Dimethylphthalate
Concen: 3.946 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108670.D
Acq: 31 Aug 2018 5:24

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-B

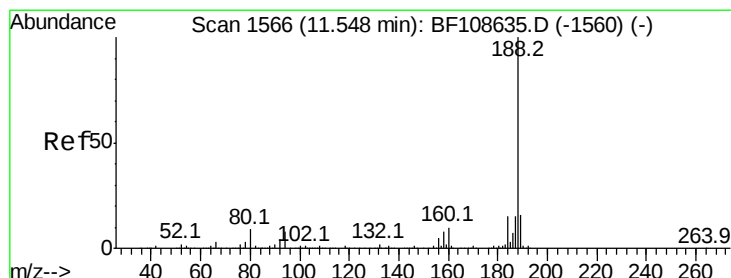
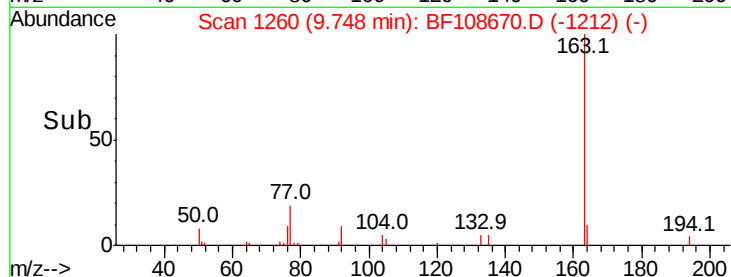
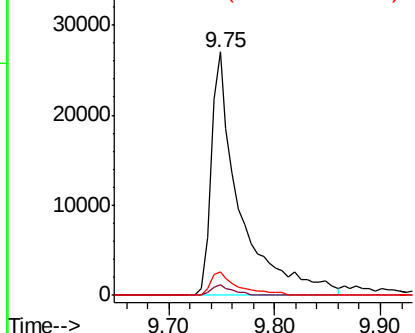
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	9.7	8.2	12.2	

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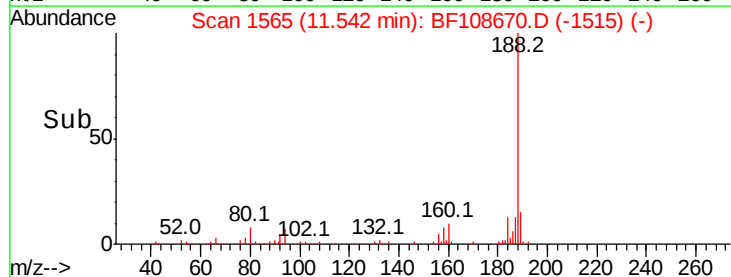
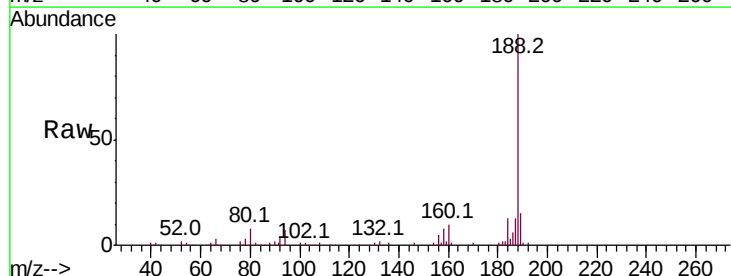
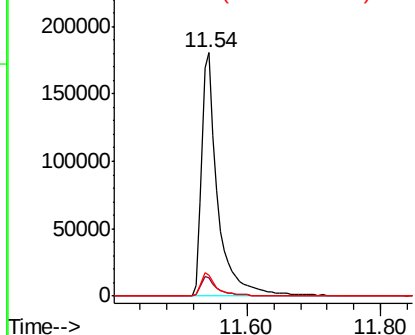
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

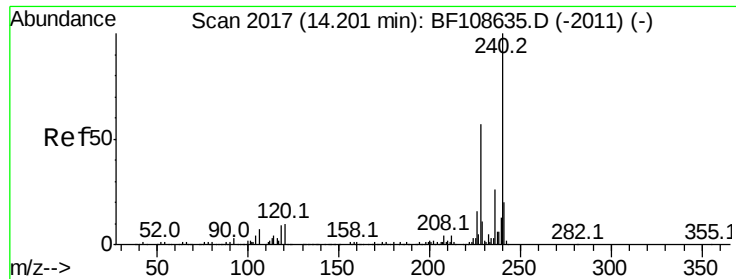


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108670.D
Acq: 31 Aug 2018 5:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.5	8.5	12.7#	
80	8.4	9.2	13.8#	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108670.D

Acq: 31 Aug 2018 5:24

Instrument :

BNA_F

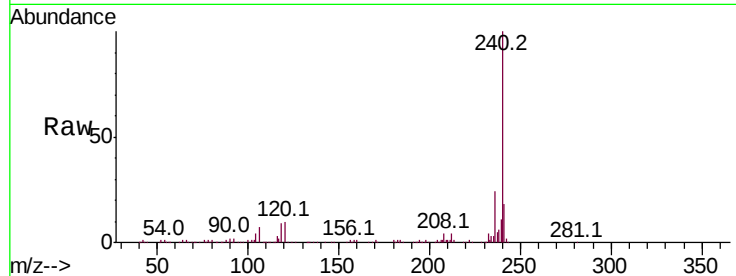
ClientSampleId :

082818-DBRI-F-U-B

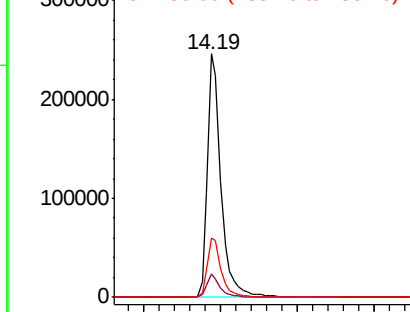
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	24.3	20.7	31.1

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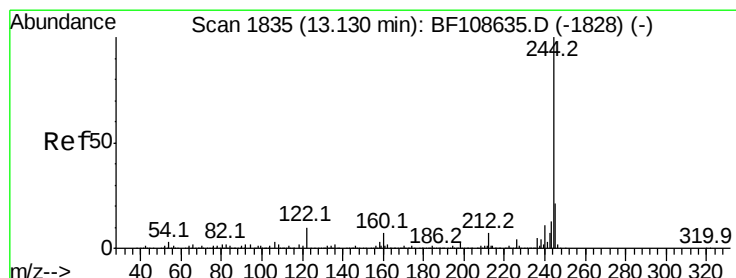
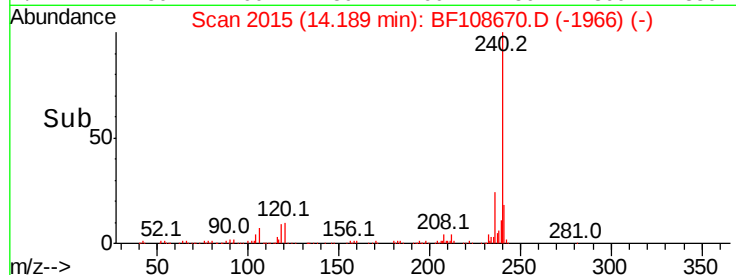
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 72.478 ng

RT: 13.12 min Scan# 1833

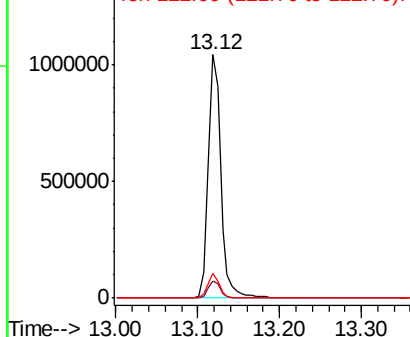
Delta R.T. -0.01 min

Lab File: BF108670.D

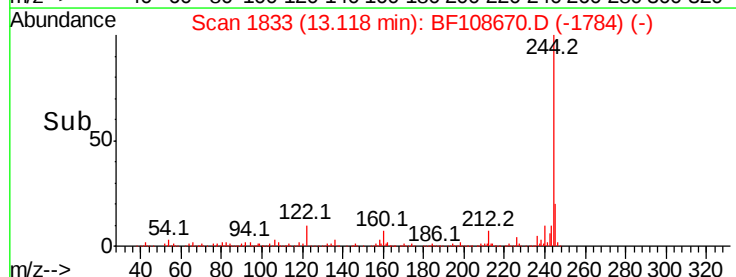
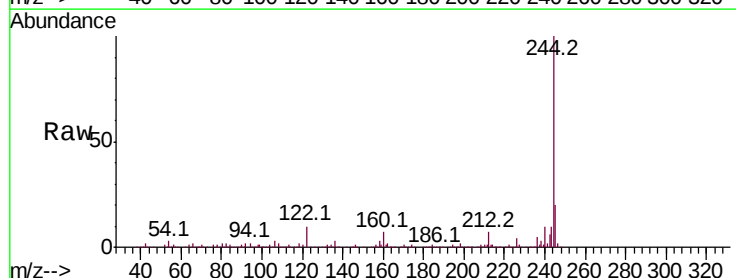
Acq: 31 Aug 2018 5:24

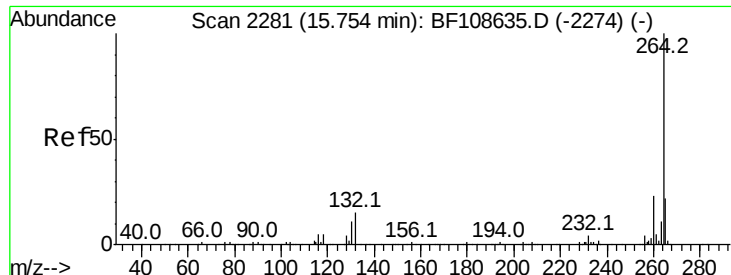
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	11.0	16.4#

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



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108670.D
 Acq: 31 Aug 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-U-B

Tot Ion:	264	Resp:	248176
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3

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