

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108680.D
 Acq On : 31 Aug 2018 9:56
 Operator : JU/SJ
 Sample : J4700-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-TIPC-F-D-S

Manual Integrations
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 8/31/2018 12:19:19 PM

Quant Time: Aug 31 10:51:57 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	7.00	152	77583	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	332298	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	170269	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	375528	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	312171	20.00	ng	-0.01
86) Perylene-d12	15.75	264	257407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	127970m	28.65	ng	0.02
7) Phenol-d6	6.65	99	133312m	20.84	ng	0.00
23) Nitrobenzene-d5	7.56	82	546857	83.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	191327	85.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1150010	90.81	ng	0.00
78) Terphenyl-d14	13.12	244	1331134	82.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	89114	6.646	ng	Qvalue 99

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

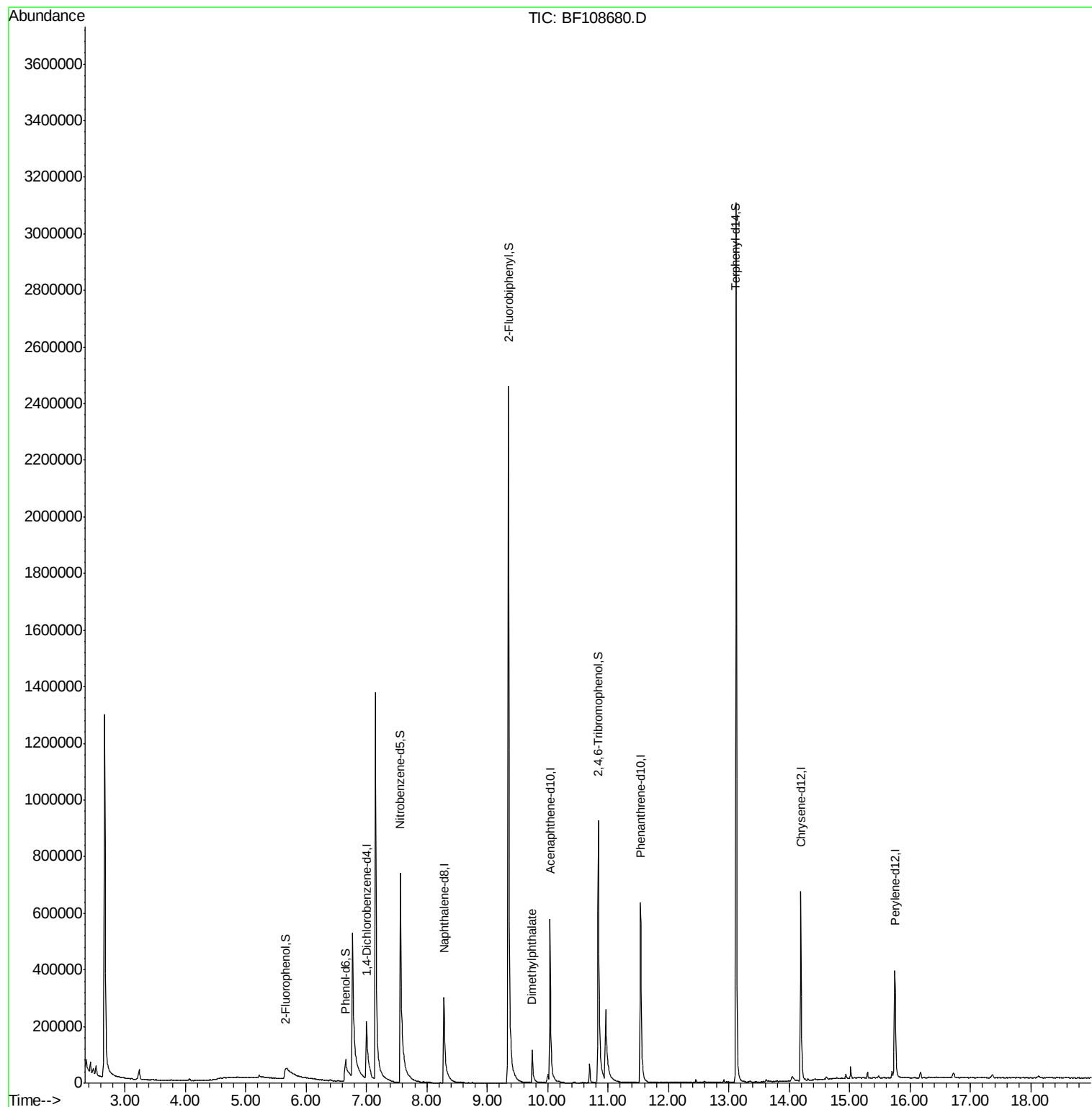
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108680.D
Acq On : 31 Aug 2018 9:56
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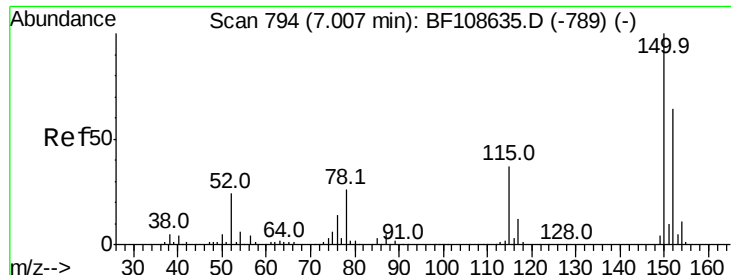
Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-S

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#1

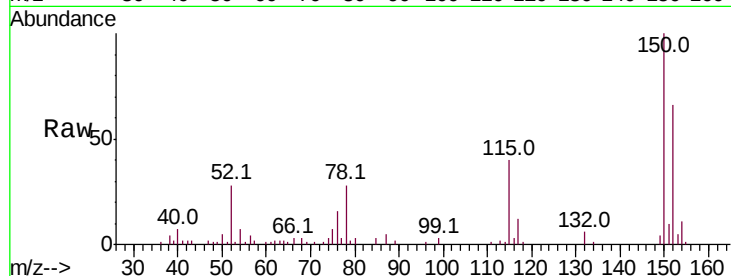
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	59.8	50.1	75.1

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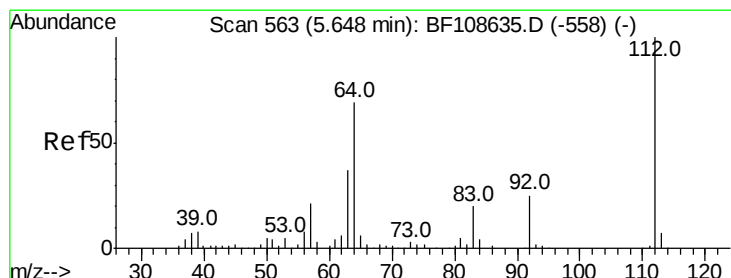
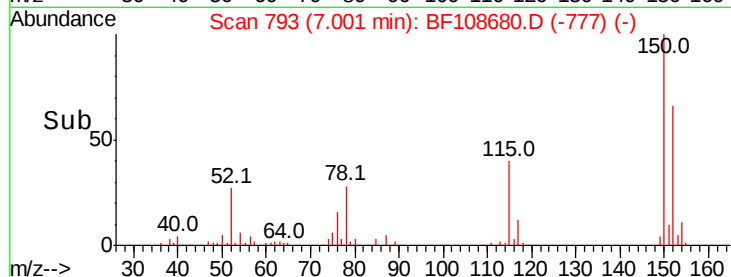
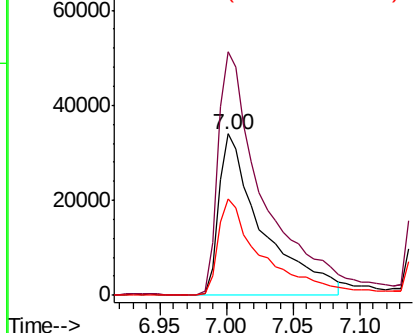


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

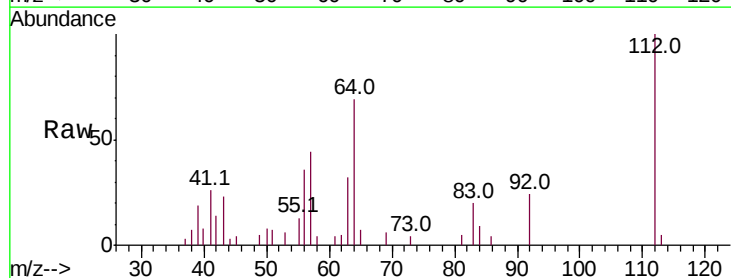
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 28.654 ng m
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	32.4	23.7	35.5

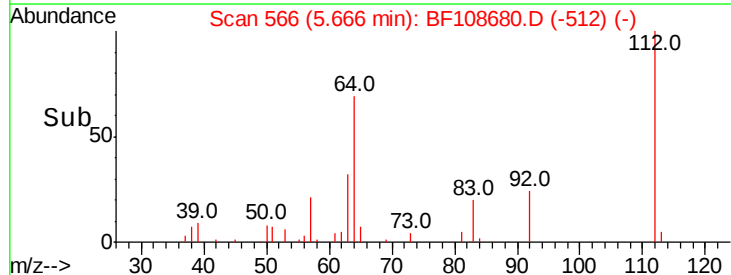
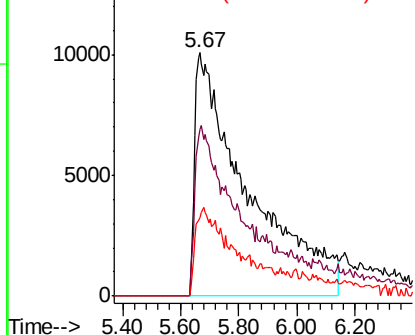


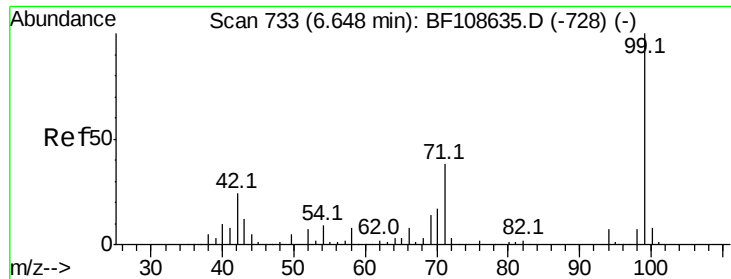
Abundance

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

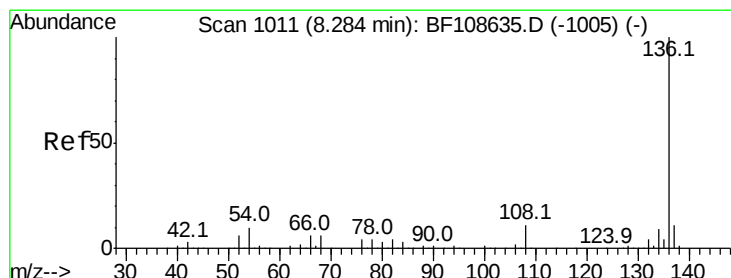
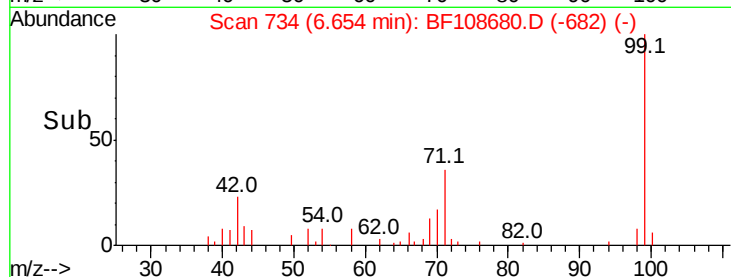
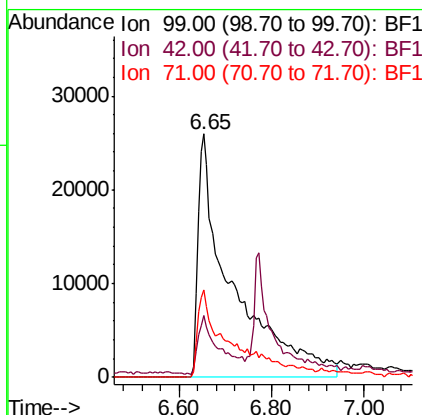
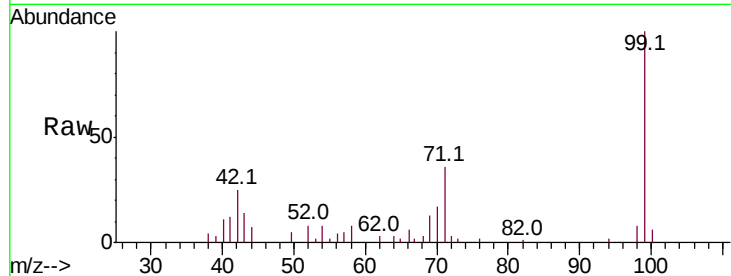
Concen: 20.842 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF108680.D
 Acq: 31 Aug 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :
 082818-TIPC-F-D-S

Tot Ion	Ratio	Resp	Lower	Upper
99	100	133312		
42	25.4	14.5	21.7#	
71	36.1	25.4	38.0	

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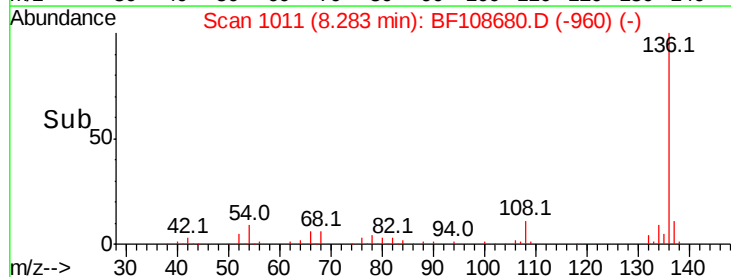
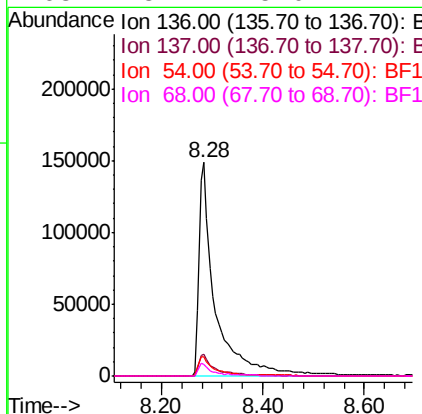
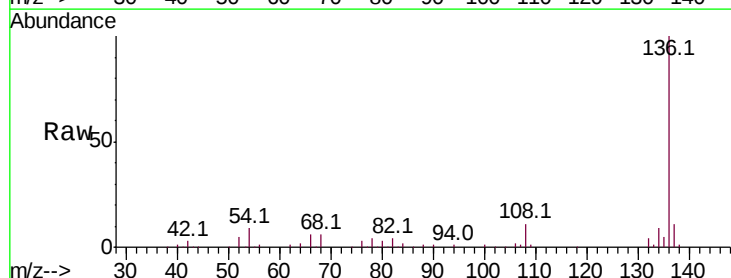


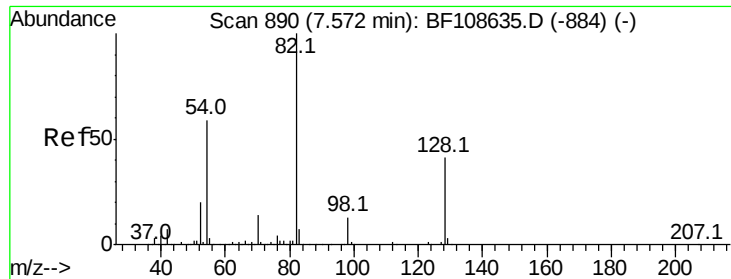
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.28 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF108680.D
 Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	332298		
137	10.5	8.9	13.3	
54	9.2	6.6	9.8	
68	5.7	5.0	7.4	





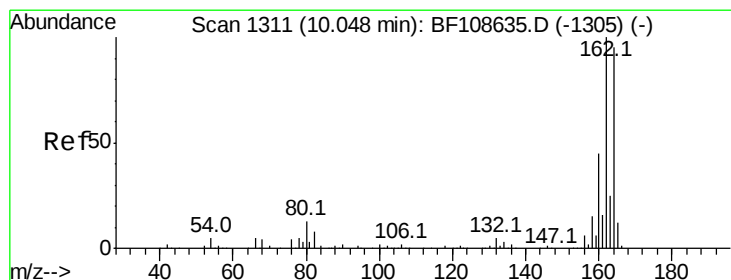
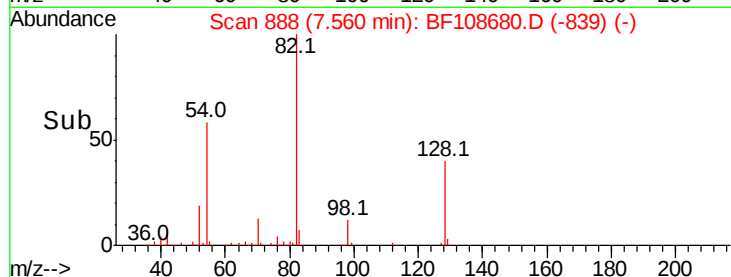
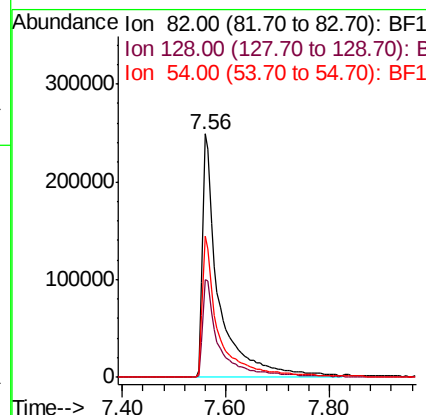
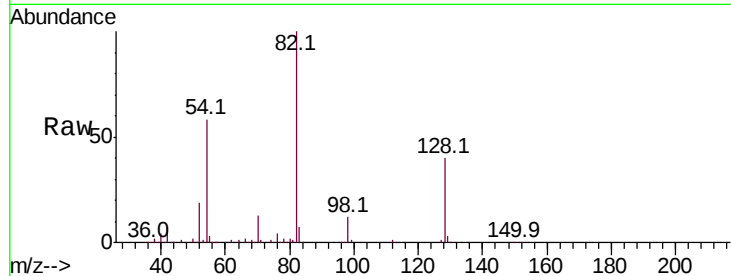
#23
Nitrobenzene-d5
Concen: 83.533 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	58.1	41.4	62.2

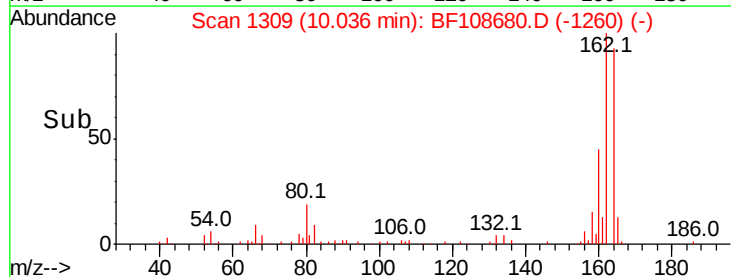
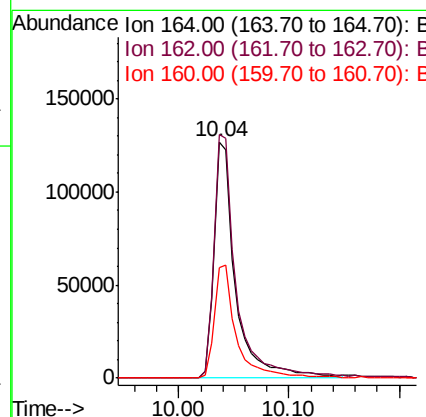
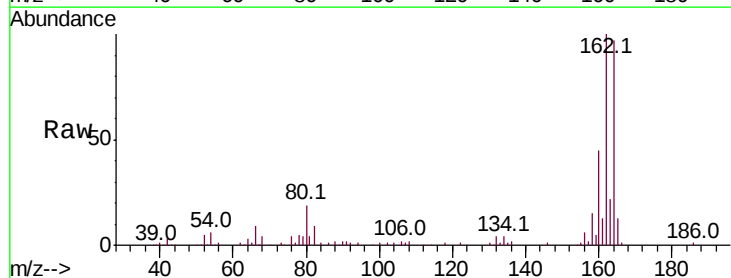
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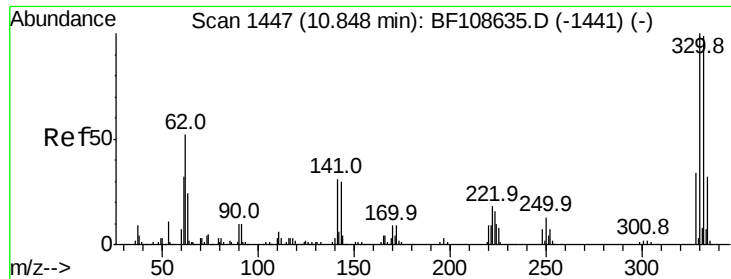
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.6	38.3	57.5





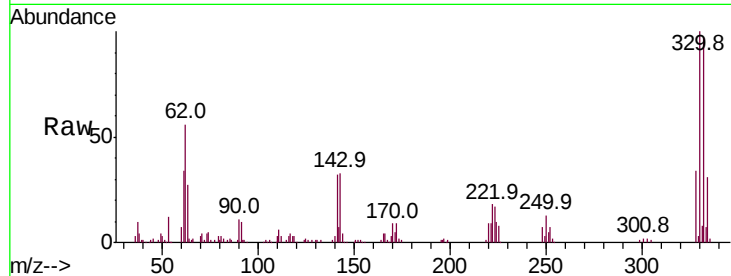
#41
 2,4,6-Tribromophenol
 Concen: 85.119 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108680.D
 Acq: 31 Aug 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :
 082818-TIPC-F-D-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191327		
332	96.1	77.0	115.6	
141	31.8	29.9	44.9	

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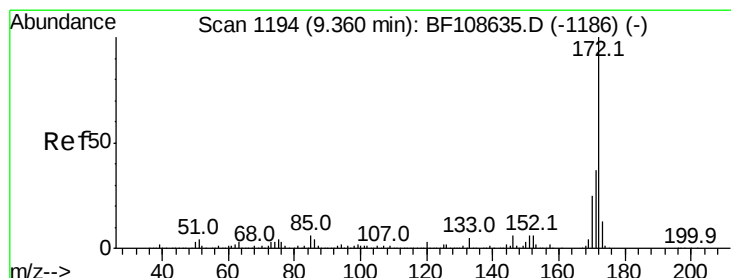
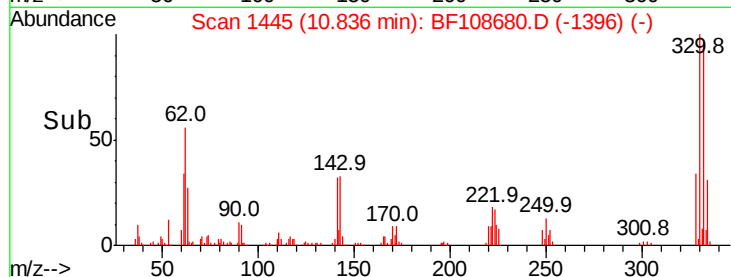
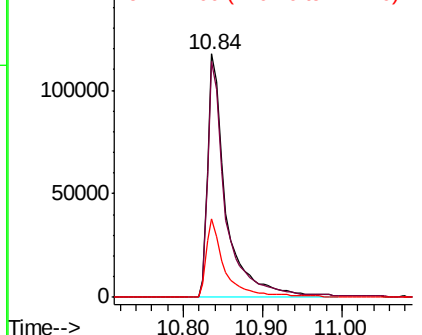


Abundance

Ion 329.80 (329.50 to 330.50): E

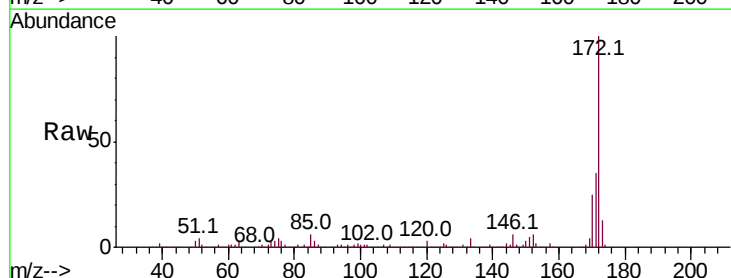
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.814 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108680.D
 Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1150010		
171	35.3	29.7	44.5	
170	24.5	19.6	29.4	

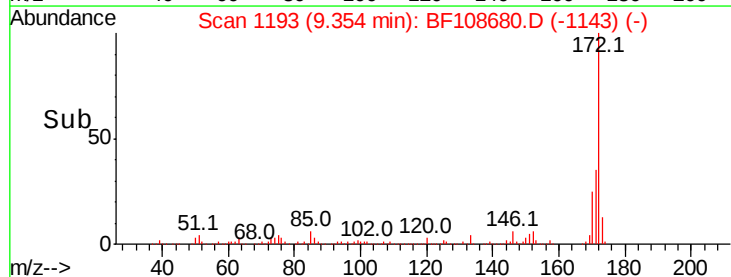
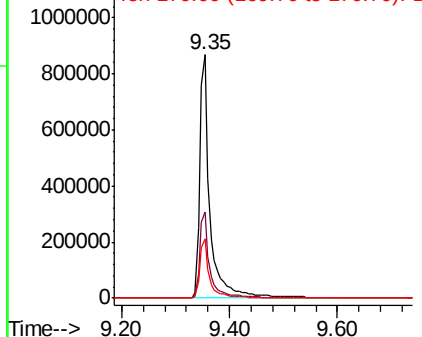


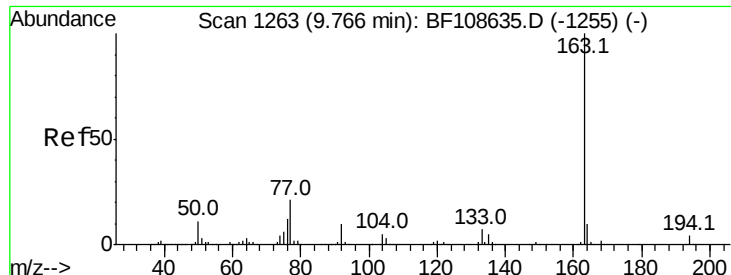
Abundance

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





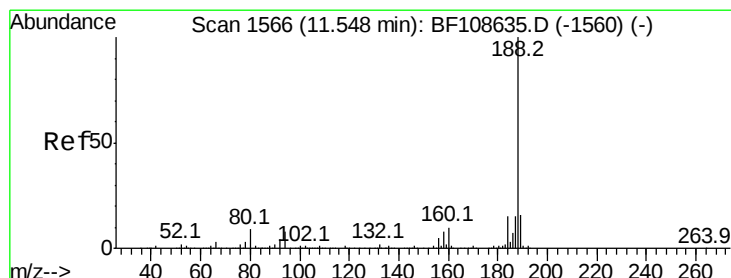
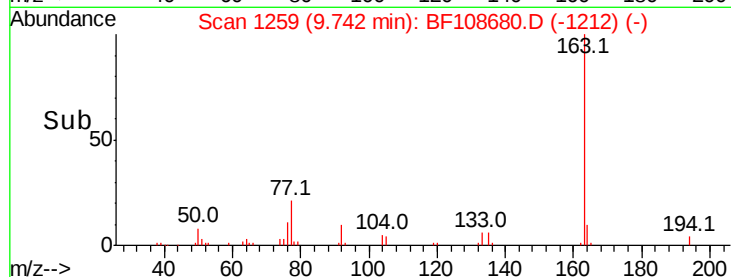
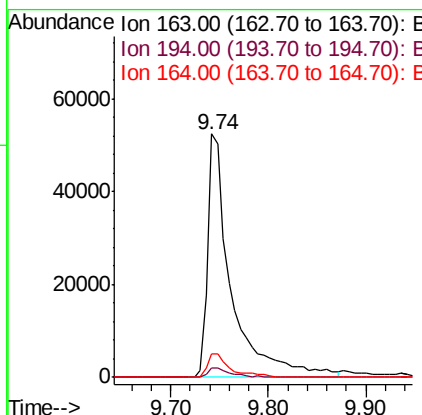
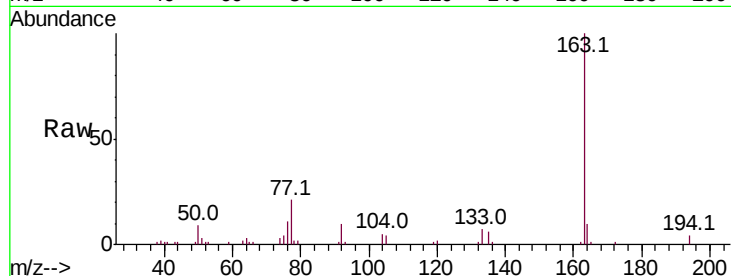
#49
Dimethylphthalate
Concen: 6.646 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	89114		
194	3.6		2.7	4.1
164	9.8		8.2	12.2

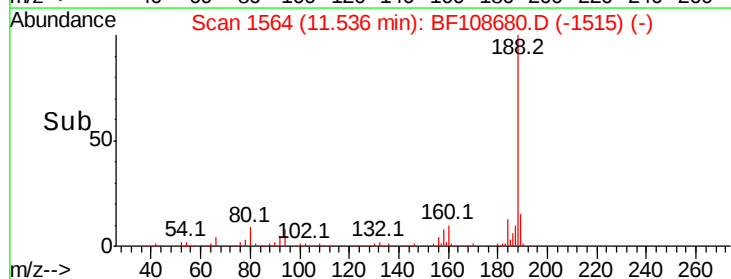
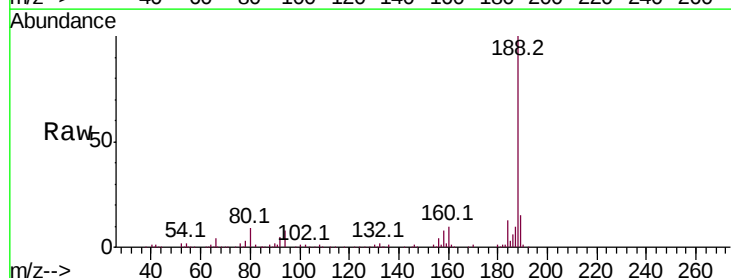
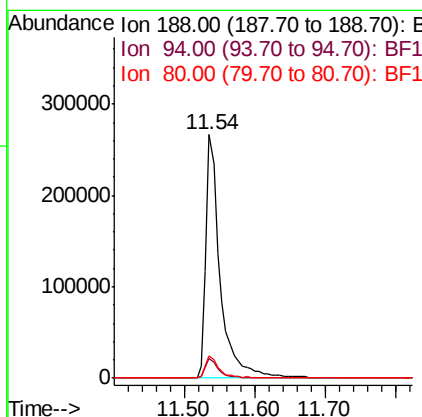
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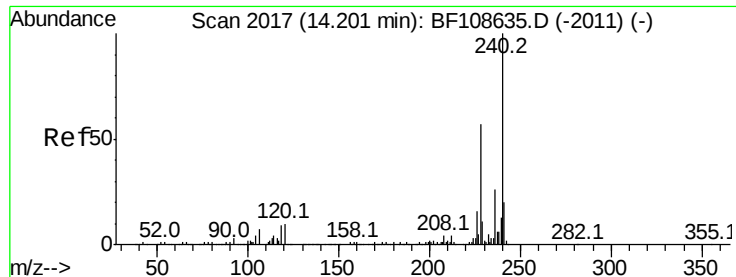
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	375528		
94	8.2		8.5	12.7#
80	9.3		9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Instrument :

BNA_F

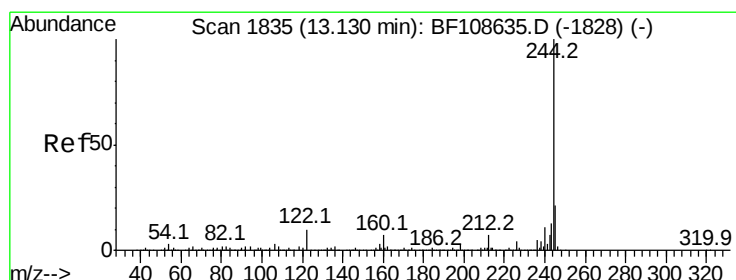
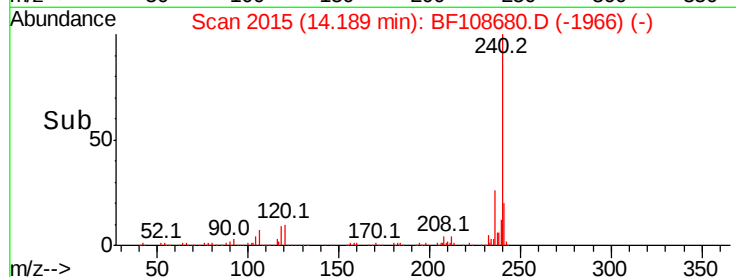
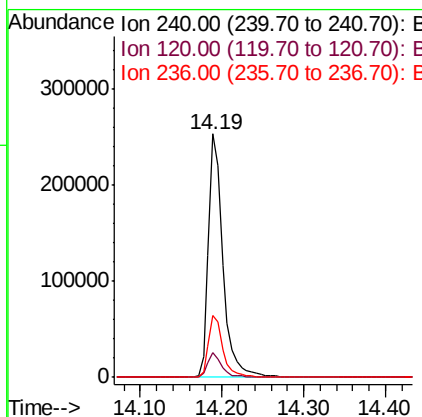
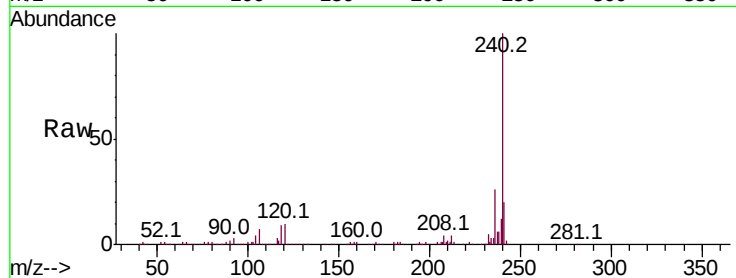
ClientSampleId :

082818-TIPC-F-D-S

Tot Ion:	240	Resp:	312171
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.6	20.7	31.1

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#78

Terphenyl-d14

Concen: 82.850 ng

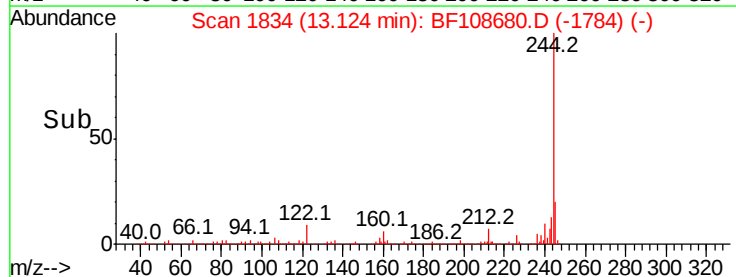
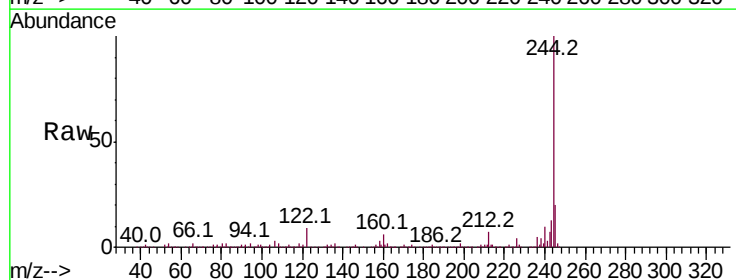
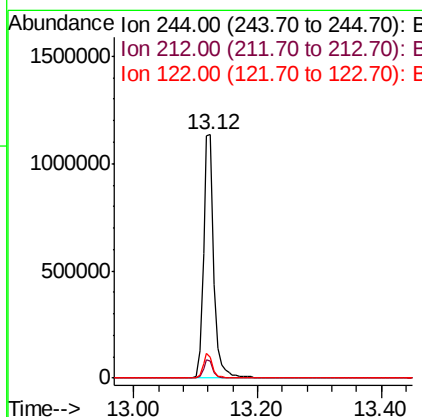
RT: 13.12 min Scan# 1834

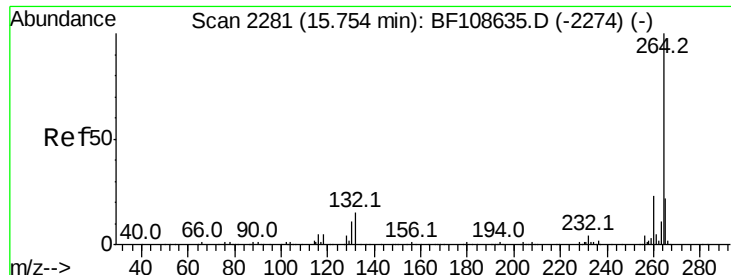
Delta R.T. -0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Tgt Ion:	244	Resp:	1331134
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	8.7	11.0	16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108680.D
 Acq: 31 Aug 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :
 082818-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
 APPROVED

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