

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110768.D
 Acq On : 14 Nov 2018 17:00
 Operator : JU/SJ
 Sample : J5911-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(10-12)

Manual Integrations
 APPROVED

Sohil
 11/15/2018 10:59:26 AM

Quant Time: Nov 14 17:39:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81607	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	336269	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	149741	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	235417	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190012	20.00	ng	0.00
87) Perylene-d12	15.66	264	160144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	280400	55.81	ng	0.00
7) Phenol-d6	6.57	99	362021	56.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	215988	36.99	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	69113	45.81	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	382697	36.50	ng	0.00
79) Terphenyl-d14	13.06	244	281599	27.75	ng	0.00
Target Compounds						
10) Phenol	6.58	94	19141	2.569	ng	Qvalue # 74
37) 2-Methylnaphthalene	8.94	142	45040	4.352	ng	97
38) 1-Methylnaphthalene	9.04	142	44320m	4.453	ng	
50) Dimethylphthalate	9.69	163	39228	3.511	ng	# 95
52) Acenaphthene	10.02	154	19609	2.141	ng	# 82
55) Dibenzofuran	10.19	168	50110	3.739	ng	98
58) Fluorene	10.53	166	71238	6.921	ng	96

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

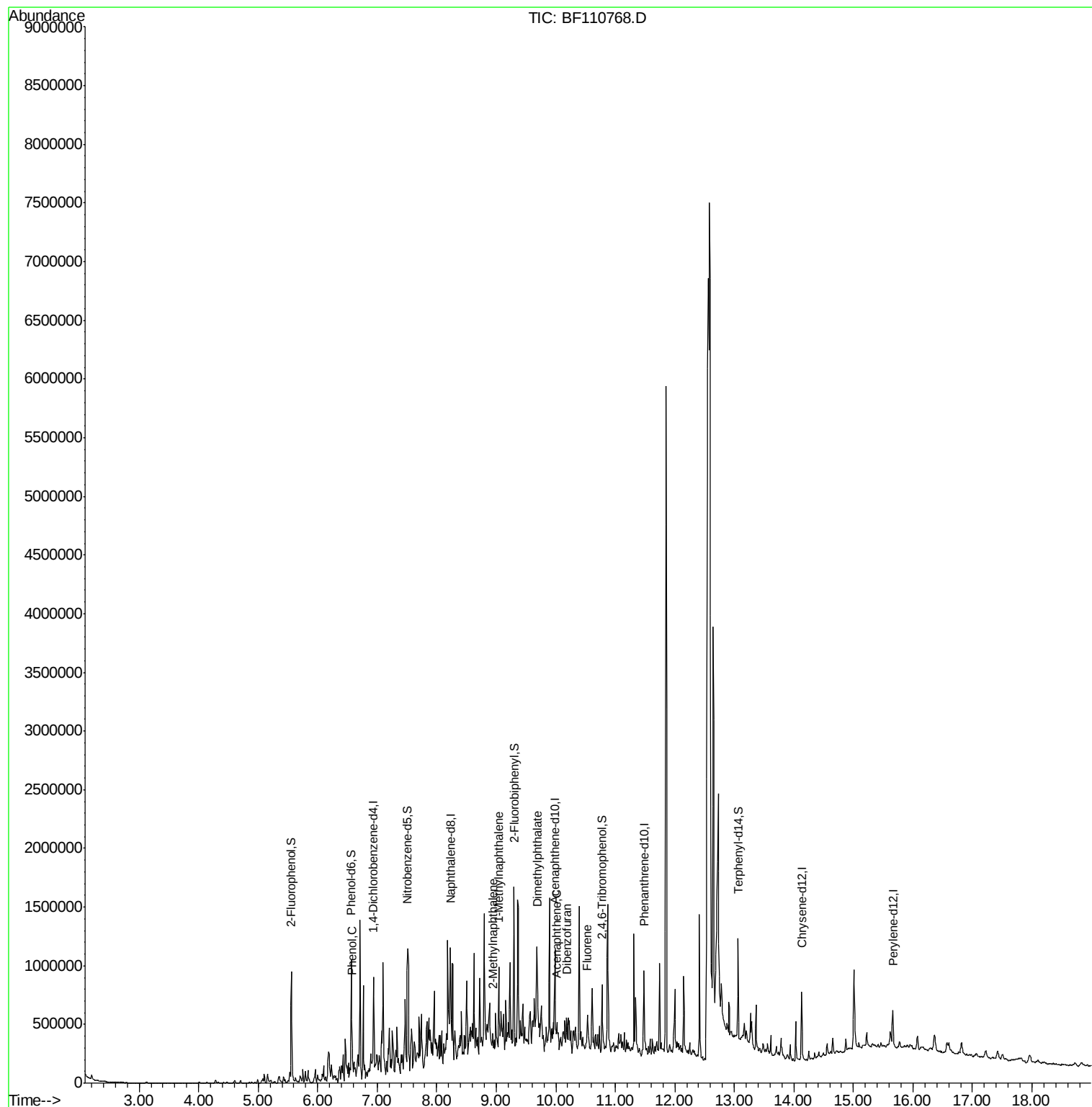
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110768.D
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Operator : JU/SJ
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Misc :
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#1

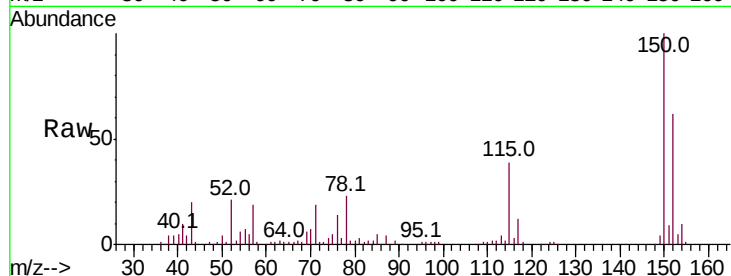
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
FDSB-06(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	62.4	49.1	73.7

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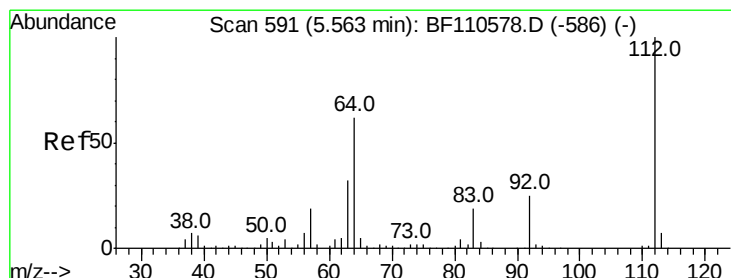
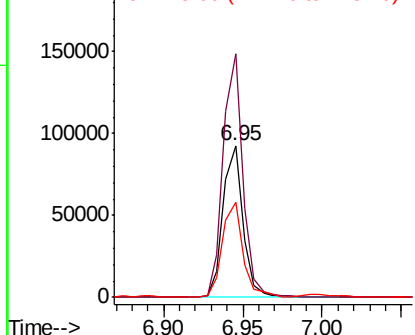
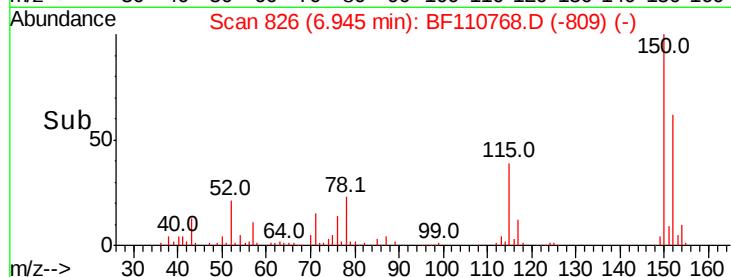


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

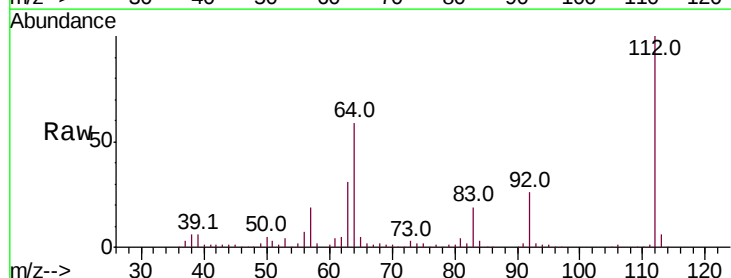
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.811 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	30.8	23.7	35.5

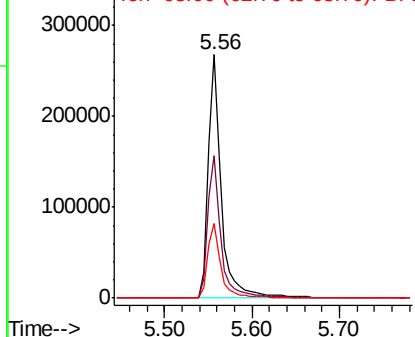
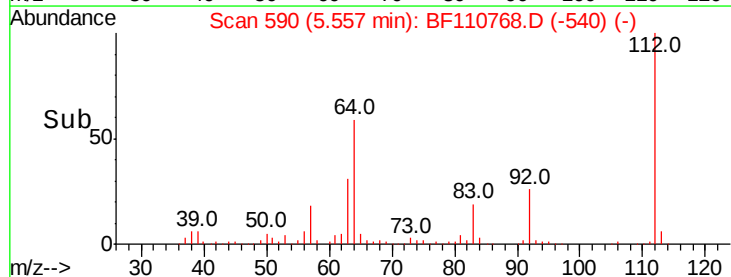


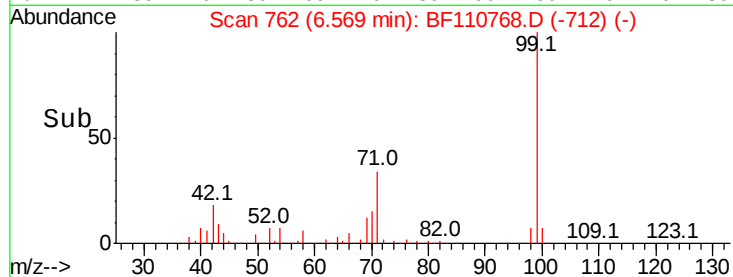
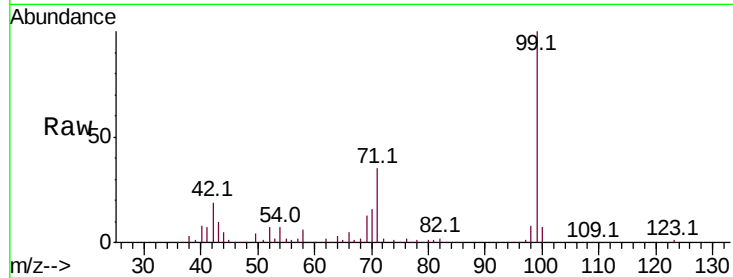
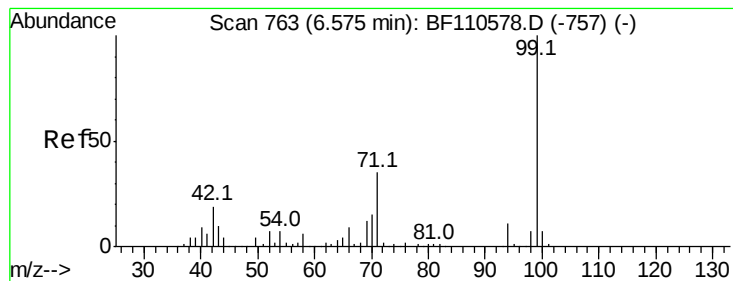
Abundance

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: 56.349 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Tot Ion:	99	Resp:	362021
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.8	23.6
71	34.8	28.0	42.0

Instrument :

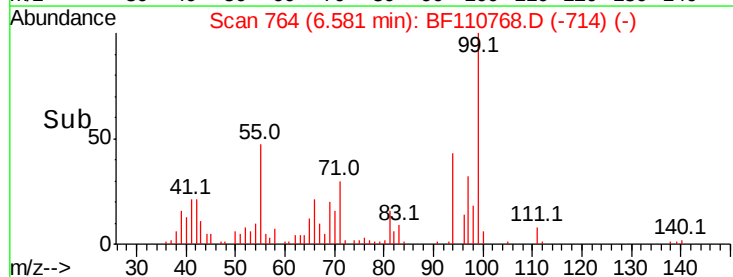
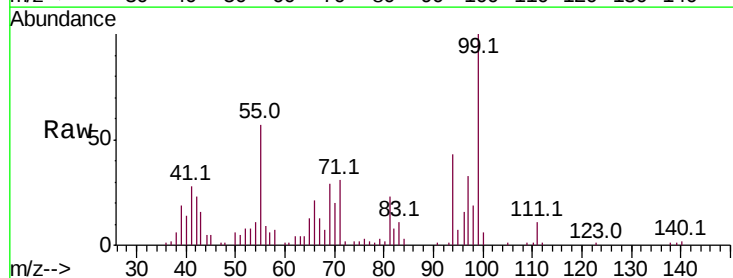
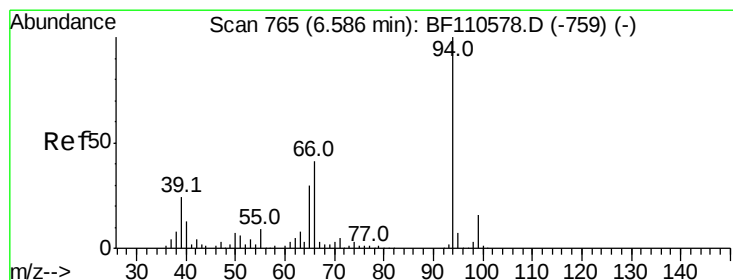
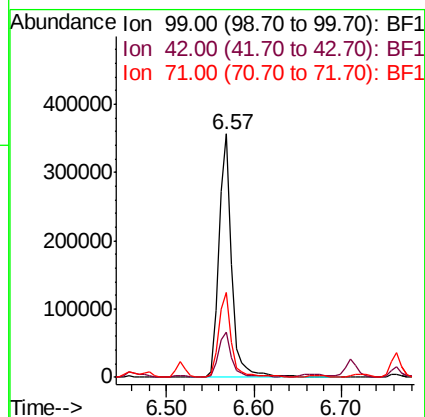
BNA_F

ClientSampleId :

FDSB-06(10-12)

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#10

Phenol

Concen: 2.569 ng

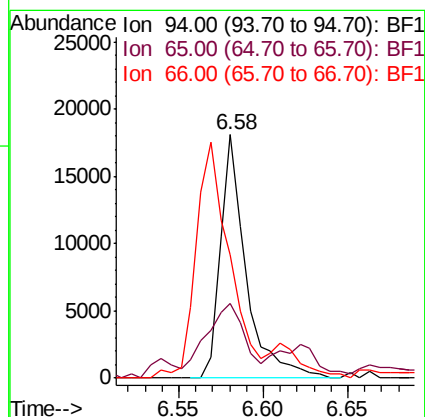
RT: 6.58 min Scan# 764

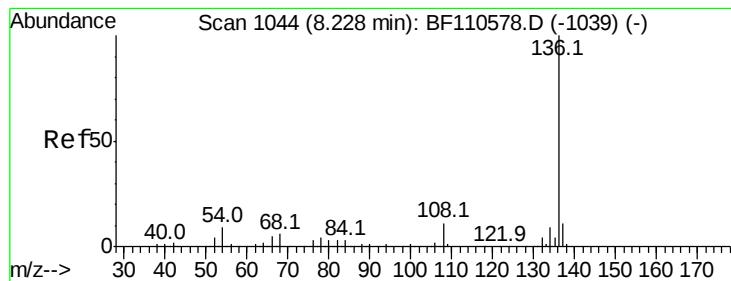
Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Tgt Ion:	94	Resp:	19141
Ion Ratio	Lower	Upper	
94	100		
65	30.5	25.3	65.3
66	50.4	54.5	94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

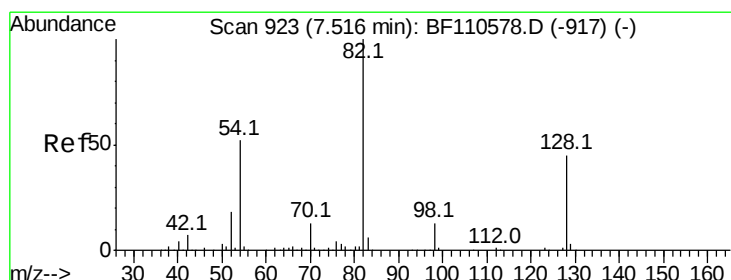
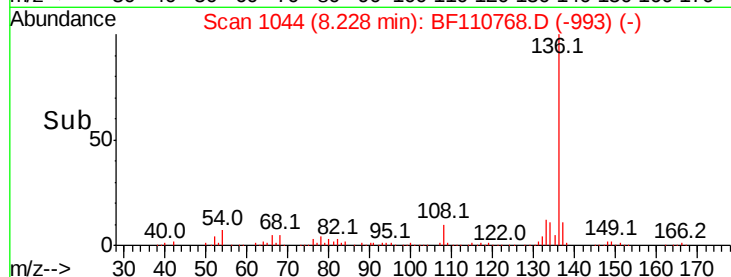
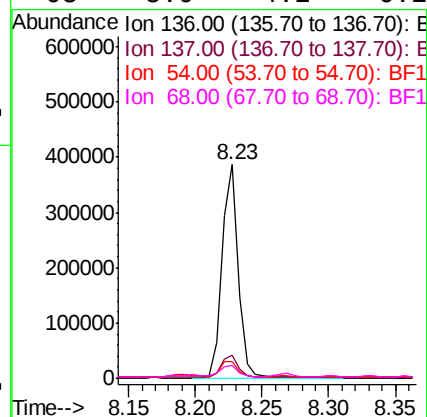
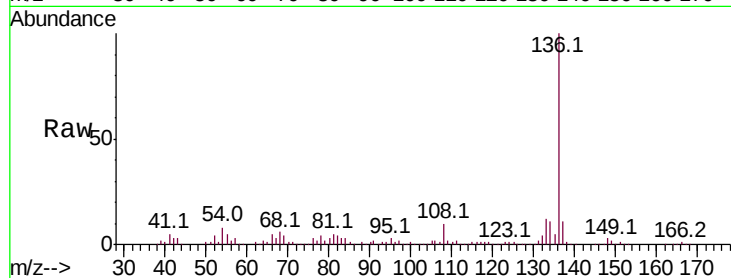
ClientSampleId :

FDSB-06(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.8	5.4	8.2	
68	5.9	4.2	6.2	

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#23

Nitrobenzene-d5

Concen: 36.990 ng

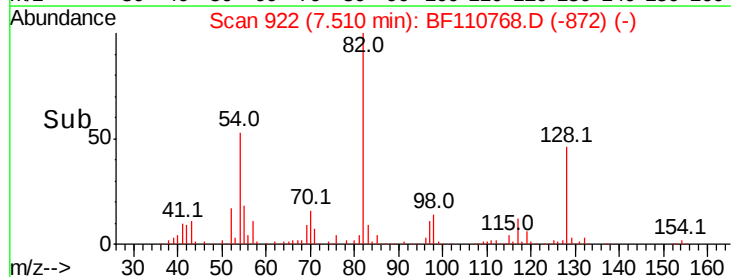
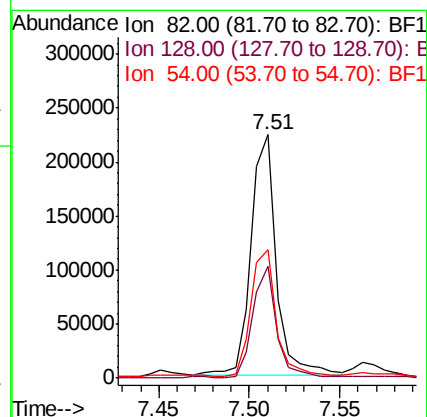
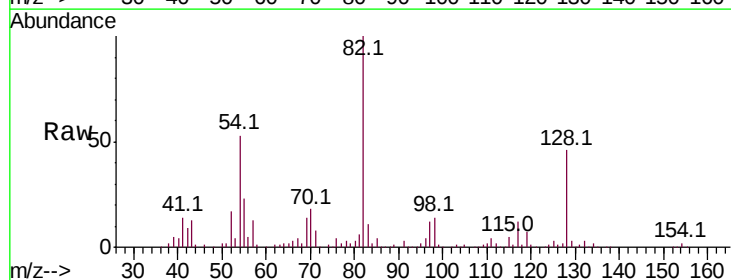
RT: 7.51 min Scan# 922

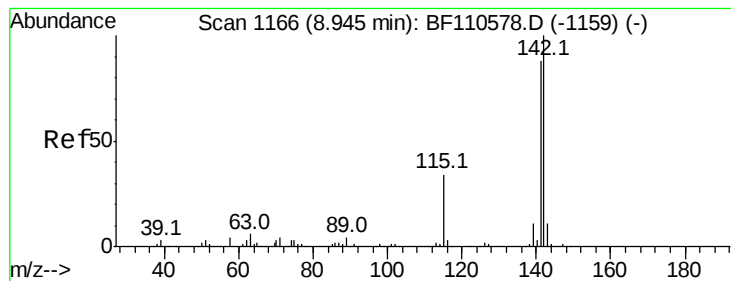
Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.2	51.2	
54	52.6	38.6	58.0	





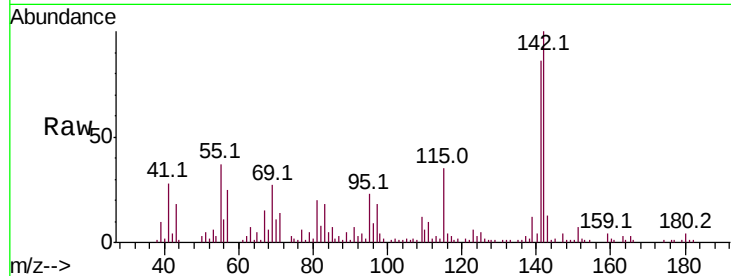
#37
2-Methylnaphthalene
Concen: 4.352 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
FDSB-06(10-12)

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.4	107.2
115	35.0	28.7	43.1

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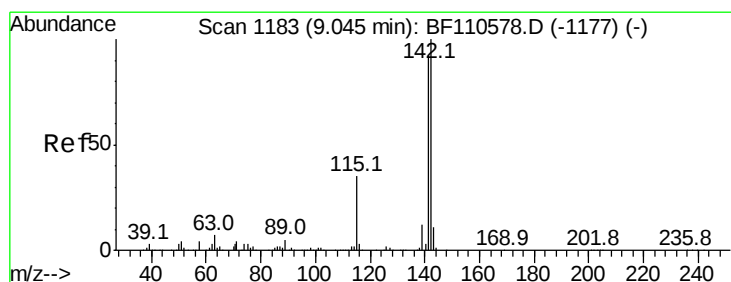
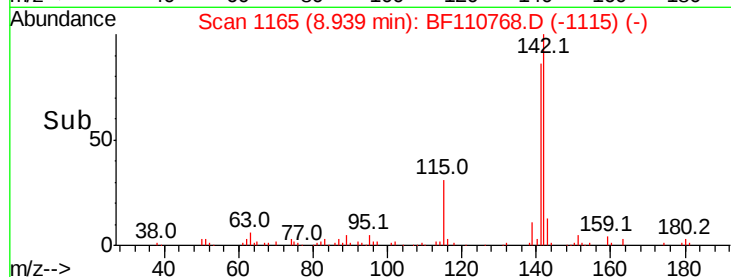
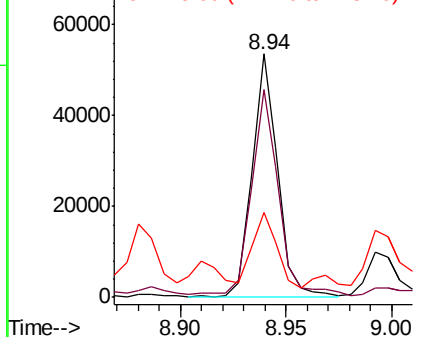


Abundance

Ion 142.00 (141.70 to 142.70): E

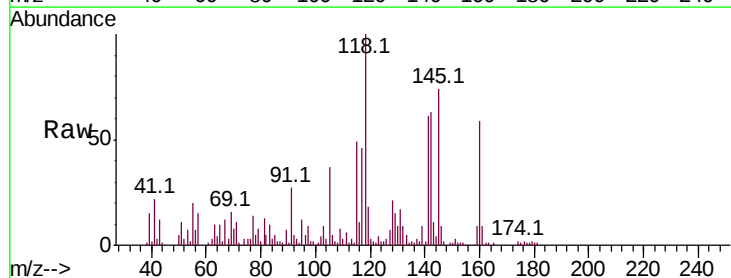
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 4.453 ng m
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.3	74.2	111.4
116	17.4	2.6	4.0#

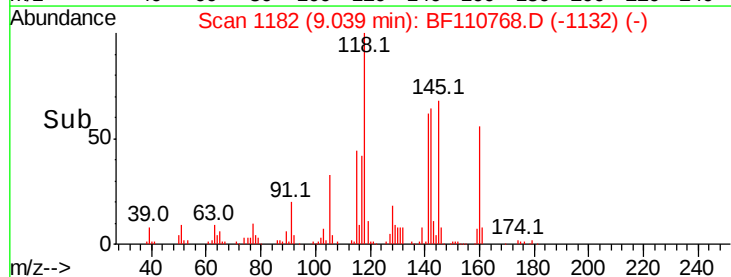
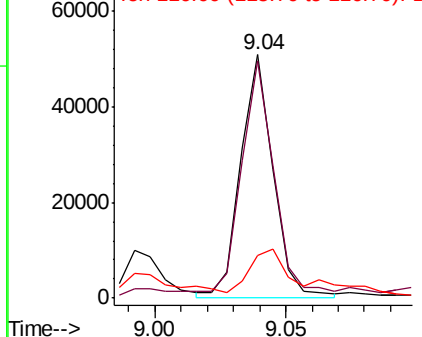


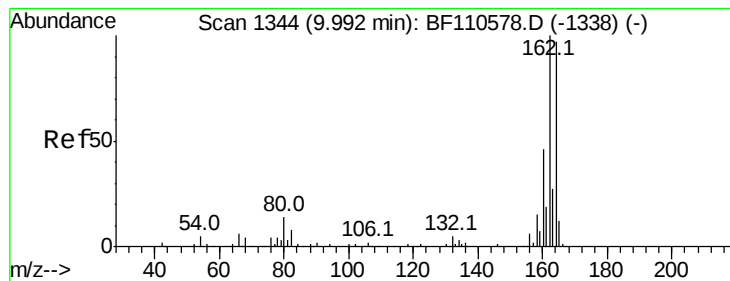
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

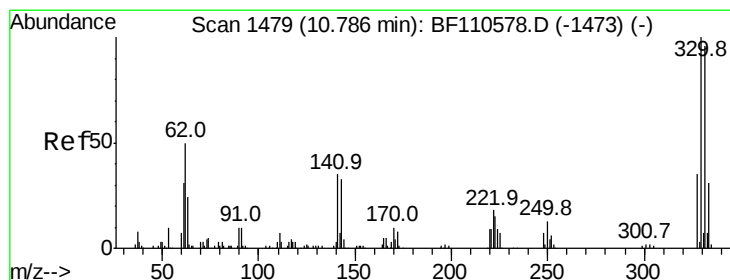
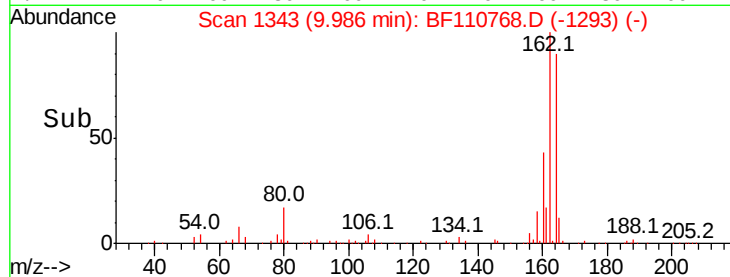
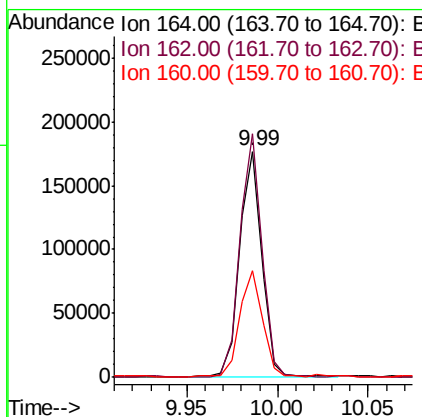
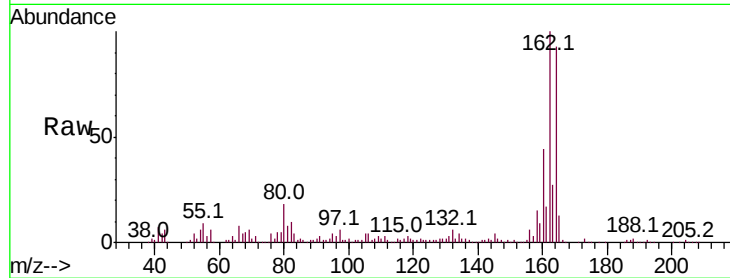
ClientSampleId :

FDSB-06(10-12)

Tot Ion:	164	Resp:	149741
Ion Ratio	Lower	Upper	
164	100		
162	107.7	83.0	124.6
160	47.3	37.0	55.6

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#42

2,4,6-Tribromophenol

Concen: 45.806 ng

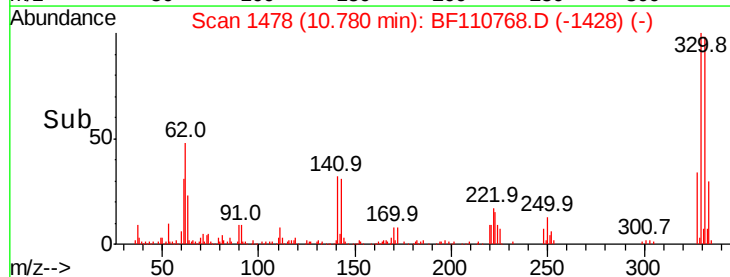
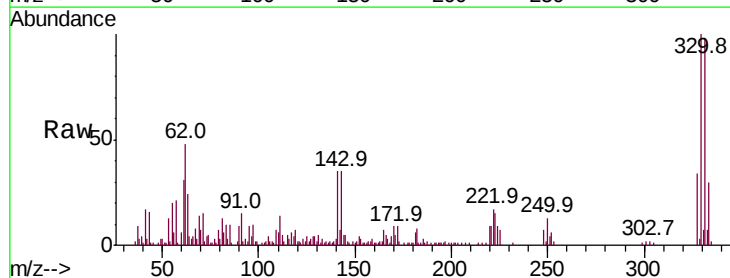
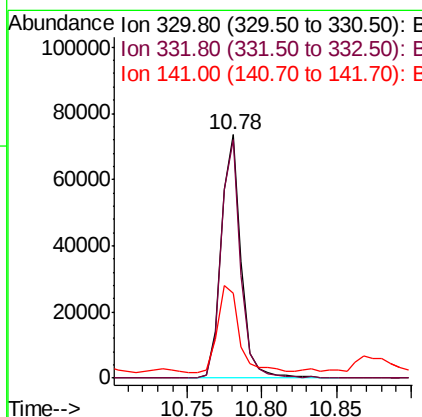
RT: 10.78 min Scan# 1478

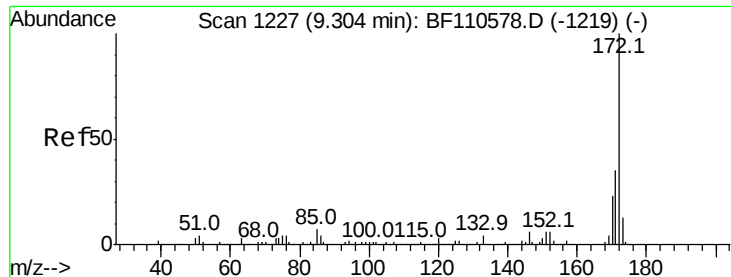
Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Tgt Ion:	330	Resp:	69113
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	39.0	27.0	40.4





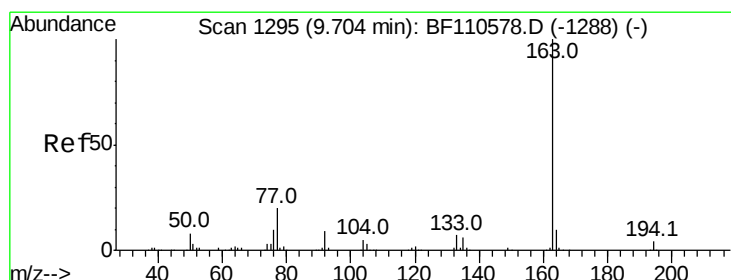
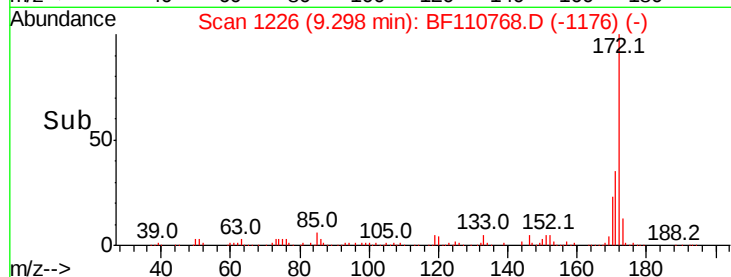
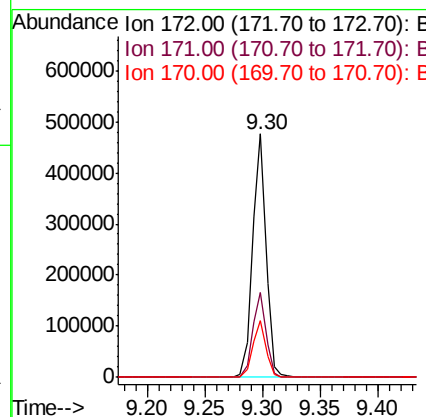
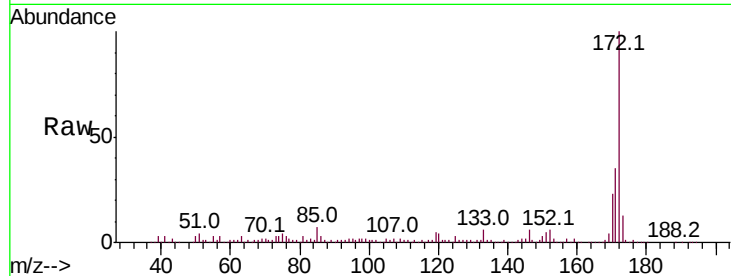
#45
2-Fluorobiphenyl
Concen: 36.500 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
FDSB-06(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.9	28.6	43.0	
170	23.2	19.7	29.5	

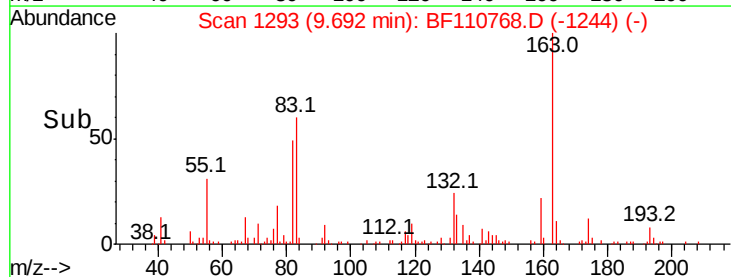
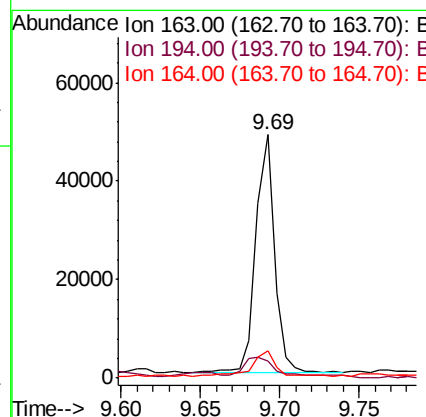
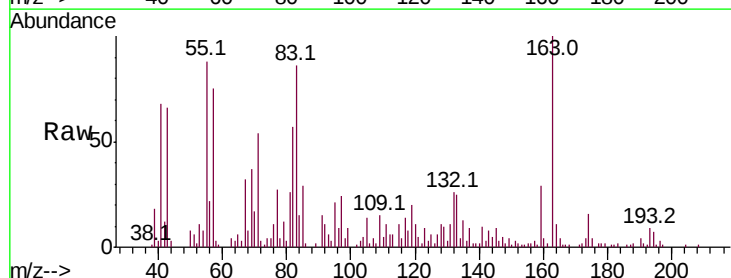
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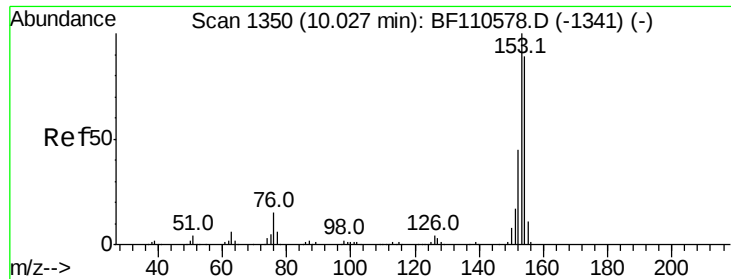
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#50
Dimethylphthalate
Concen: 3.511 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	7.0	3.2	4.8#	
164	11.1	8.1	12.1	





#52

Acenaphthene

Concen: 2.141 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

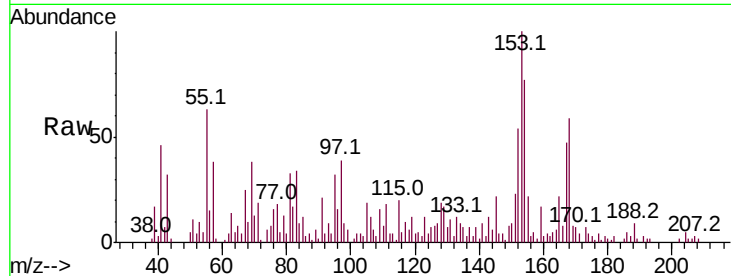
FDSB-06(10-12)

Tot Ion:154 Resp: 19609

Ion	Ratio	Lower	Upper
154	100		
153	129.3	90.1	135.1
152	70.2	43.4	65.2#

Manual Integrations
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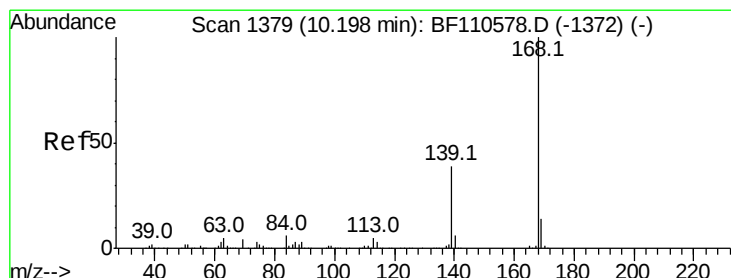
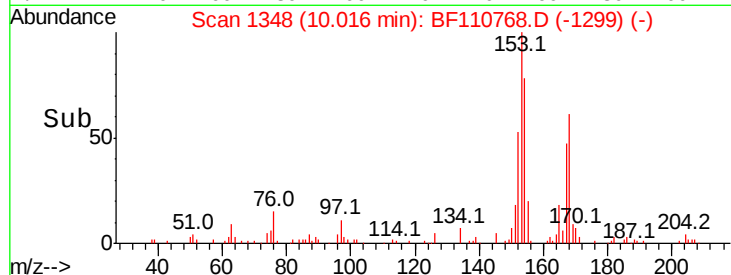
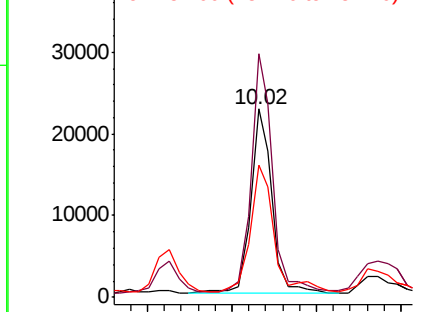


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 3.739 ng

RT: 10.19 min Scan# 1378

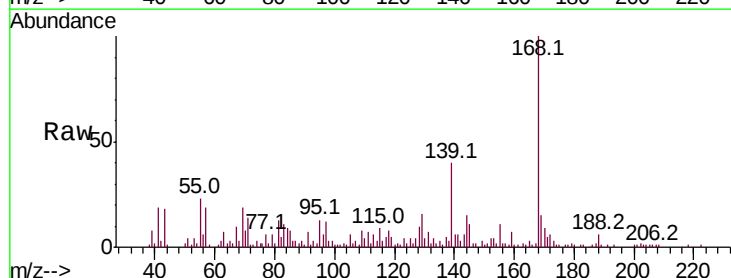
Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Tgt Ion:168 Resp: 50110

Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.0	49.6
169	14.5	11.3	16.9

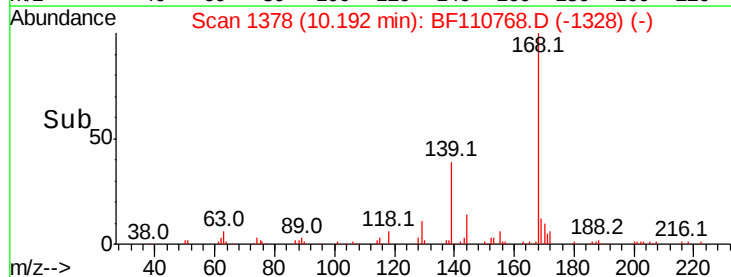
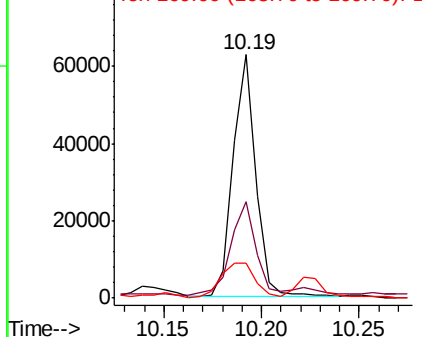


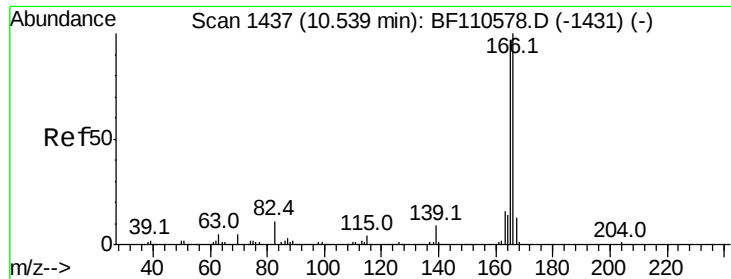
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





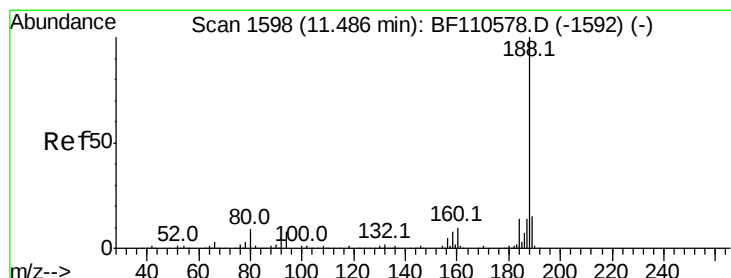
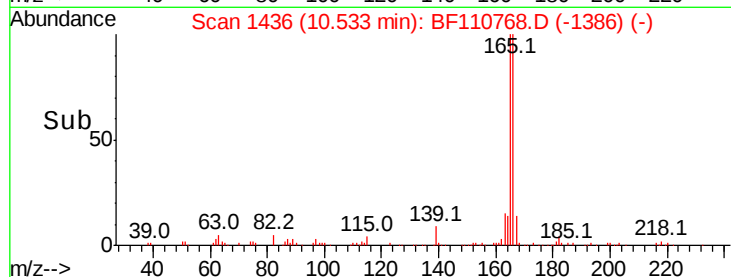
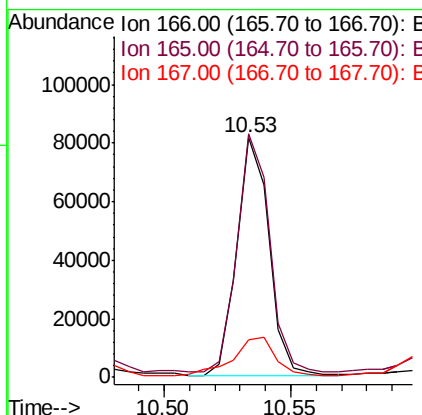
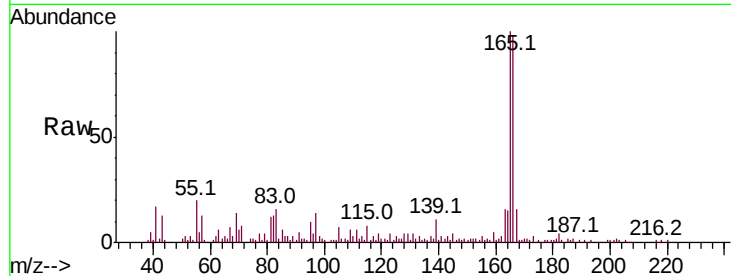
#58
 Fluorene
 Concen: 6.921 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110768.D
 Acq: 14 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(10-12)

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.6	117.8
167	15.8	10.8	16.2

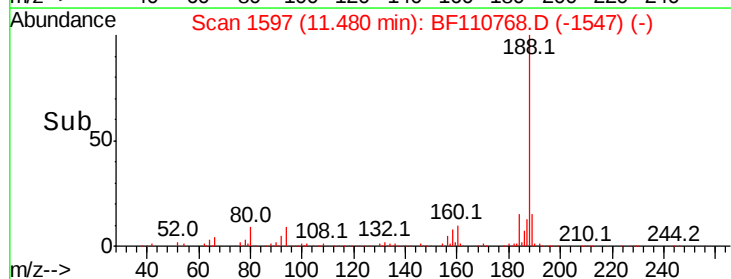
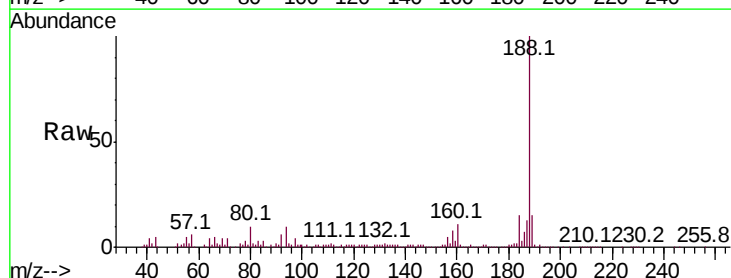
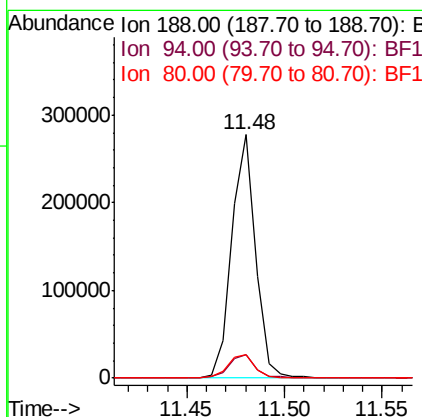
Manual Integrations
 APPROVED

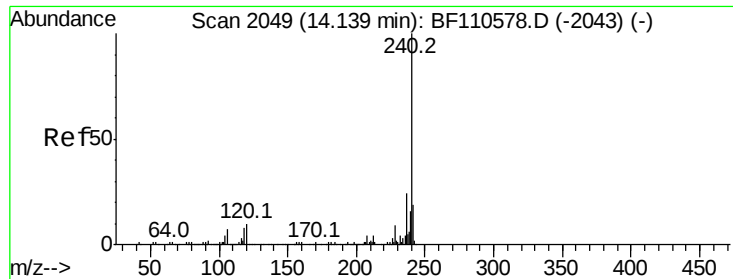
Sohil
 11/15/2018 10:59:26 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110768.D
 Acq: 14 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.7	7.9	11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

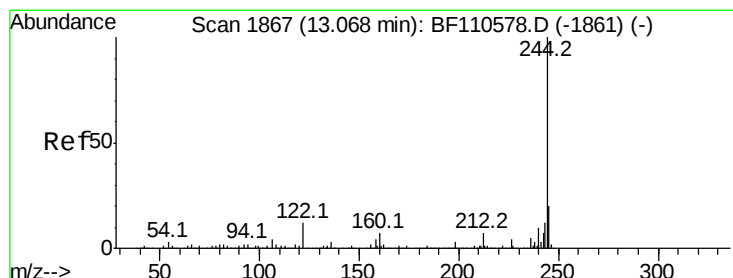
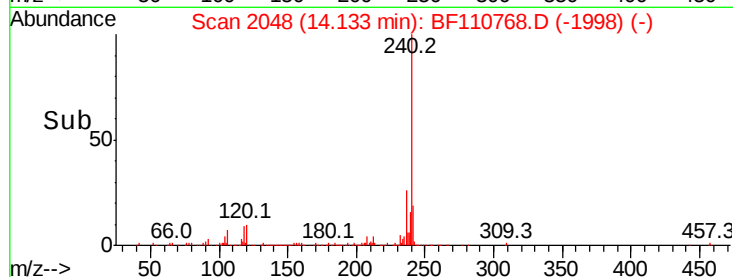
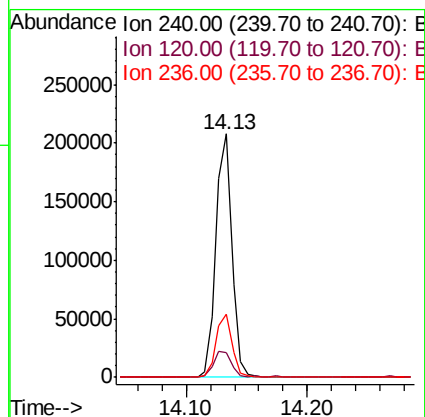
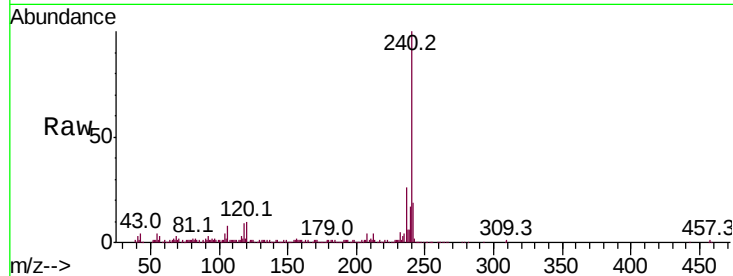
ClientSampleId :

FDSB-06(10-12)

Tot Ion:	240	Resp:	190012
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.3	12.5
236	26.2	21.2	31.8

Manual Integrations
APPROVED

Sohil
11/15/2018 10:59:26 AM



#79

Terphenyl-d14

Concen: 27.754 ng

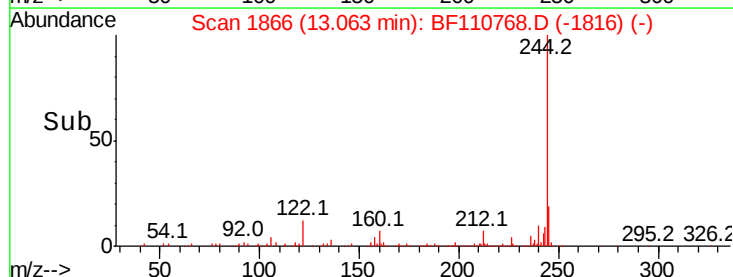
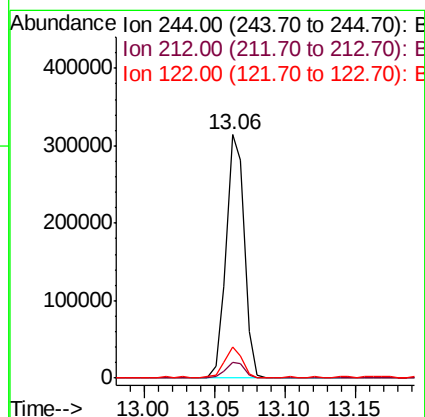
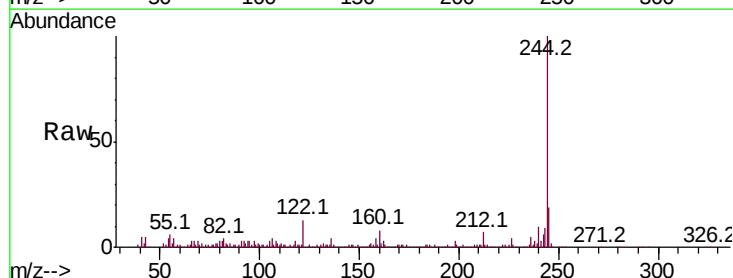
RT: 13.06 min Scan# 1866

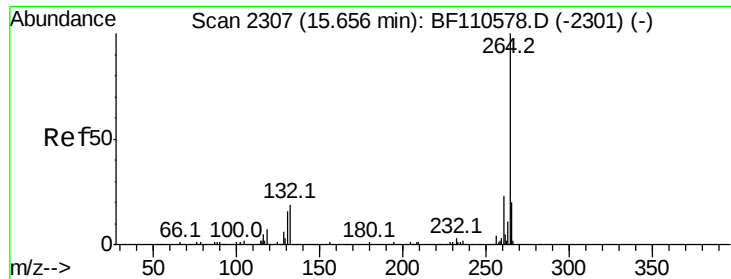
Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Tgt Ion:	244	Resp:	281599
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.8	8.8
122	13.0	8.7	13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110768.D
 Acq: 14 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	16.7	25.1

Manual Integrations
 APPROVED

Sohil
 11/15/2018 10:59:26 AM

