

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110840.D
 Acq On : 17 Nov 2018 2:54
 Operator : JU/SJ
 Sample : J5967-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-03

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:56:15 AM

Quant Time: Nov 17 04:09:10 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	6.96	152	37703	20.00	ng	0.01
21) Naphthalene-d8	8.22	136	47603	20.00	ng	-0.01
39) Acenaphthene-d10	10.03	164	77600	20.00	ng	0.04
64) Phenanthrene-d10	11.48	188	149510	20.00	ng	0.00
76) Chrysene-d12	14.13	240	144939	20.00	ng	-0.01
87) Perylene-d12	15.66	264	94304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	350900	151.17	ng	0.00
7) Phenol-d6	6.57	99	420560	141.69	ng	0.00
23) Nitrobenzene-d5	7.53	82	379524	459.14	ng	0.02
42) 2,4,6-Tribromophenol	10.80	330	74348	95.08	ng	0.01
45) 2-Fluorobiphenyl	9.35	172	330800	60.88	ng	0.04
79) Terphenyl-d14	13.06	244	428400	55.35	ng	-0.01
Target Compounds						
31) Naphthalene	8.30	128	586435	262.422	ng	Qvalue # 55
37) 2-Methylnaphthalene	9.01	142	2241491	1530.074	ng	96
38) 1-Methylnaphthalene	9.10	142	1415825m	1004.941	ng	
50) Dimethylphthalate	9.73	163	61759	10.666	ng	# 73
58) Fluorene	10.56	166	117993	22.121	ng	# 68
71) Phenanthrene	11.50	178	85815	10.714	ng	97

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

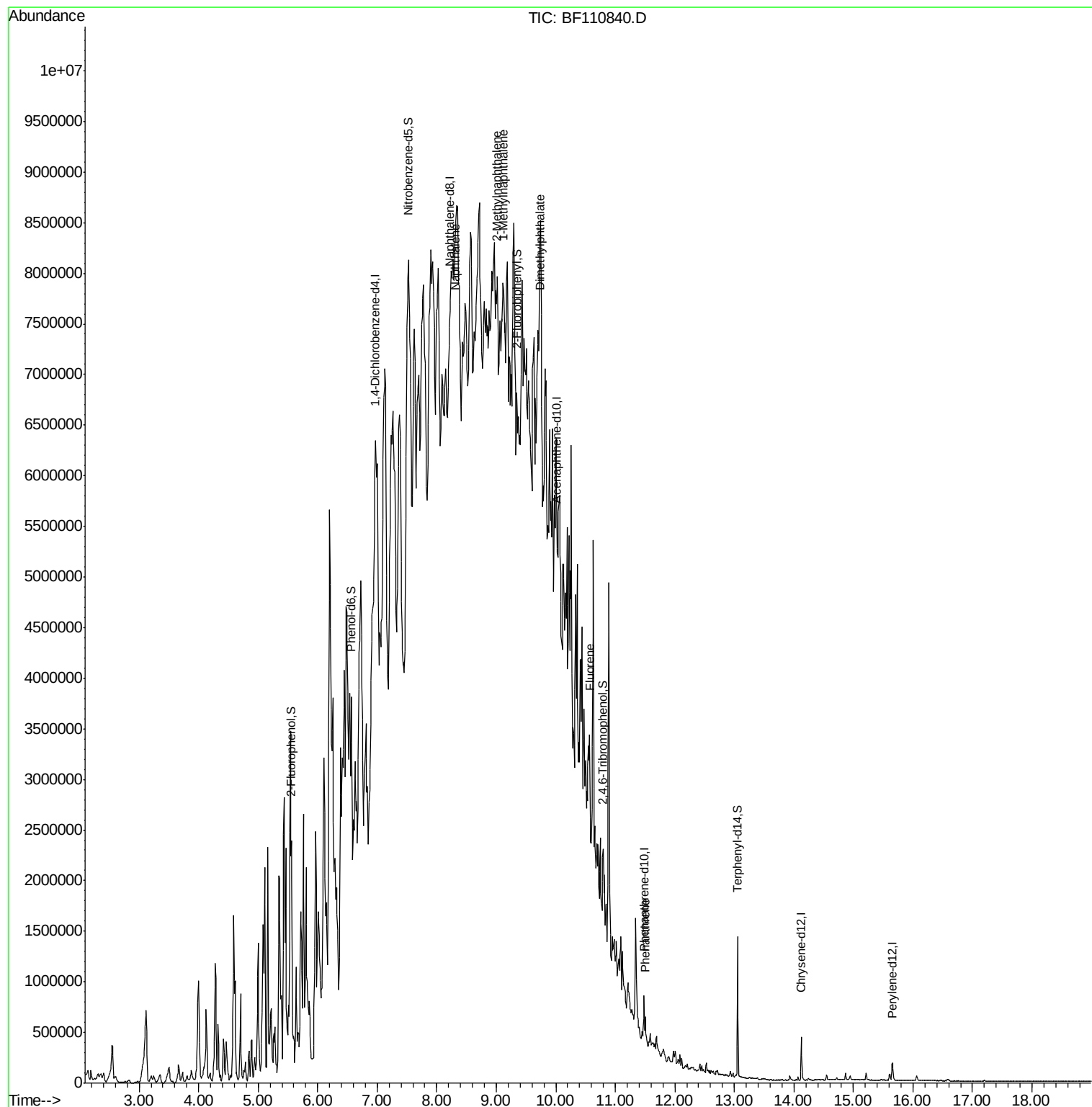
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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Operator : JU/SJ
Sample : J5967-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

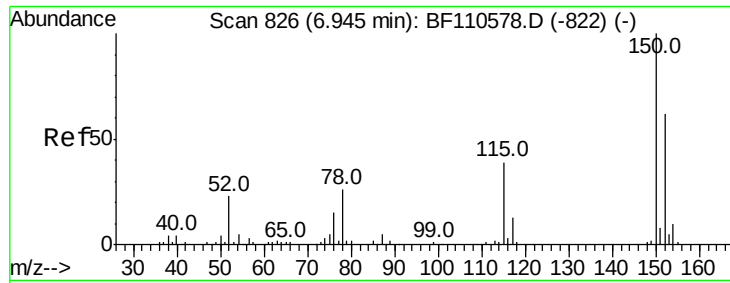
Instrument :
BNA_F
ClientSampleId :
FDSB-03

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#1

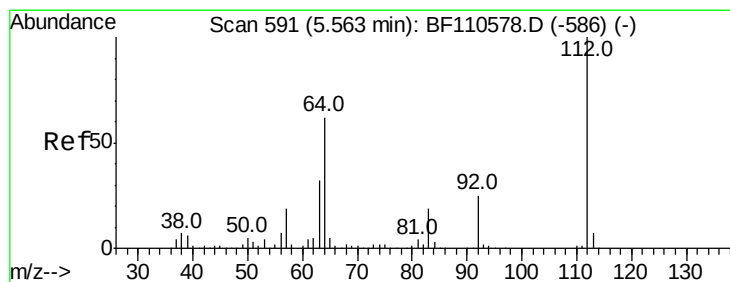
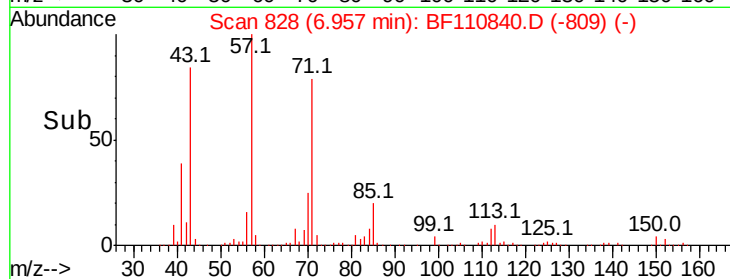
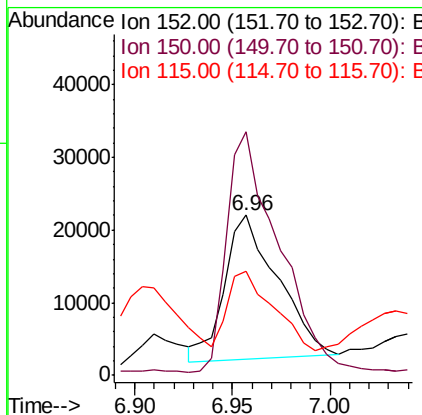
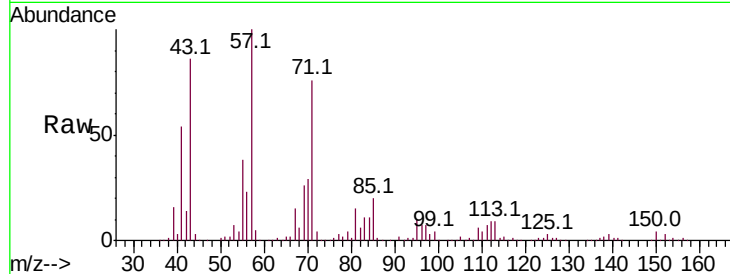
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :
FDSB-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.7	184.1
115	65.4	49.1	73.7

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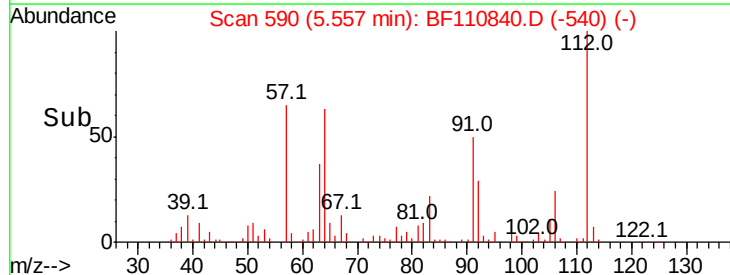
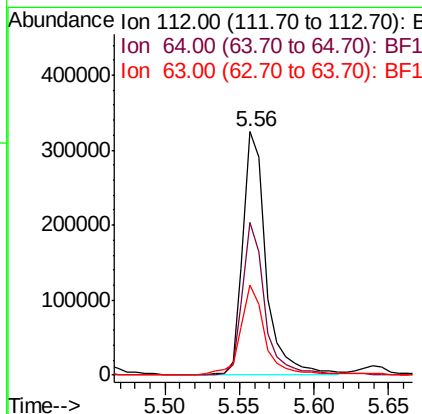
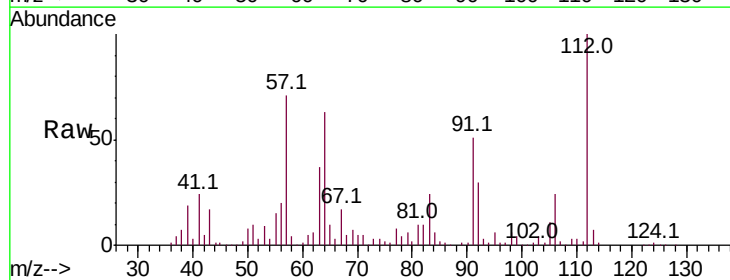
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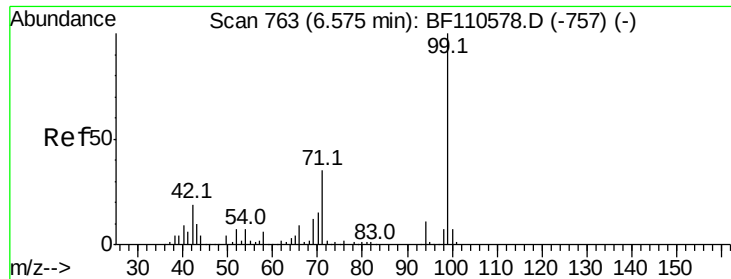


#5

2-Fluorophenol
Concen: 151.174 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	44.1	66.1
63	37.1	23.7	35.5#





#7

Phenol-d6

Concen: 141.688 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110840.D

Acq: 17 Nov 2018 2:54

Instrument :

BNA_F

ClientSampled :

FDSB-03

Tot Ion: 99 Resp: 420560

Ion Ratio Lower Upper

99 100

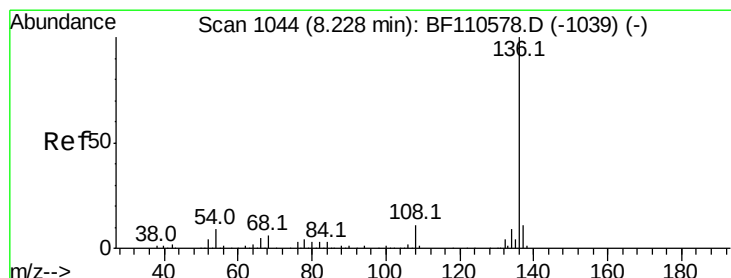
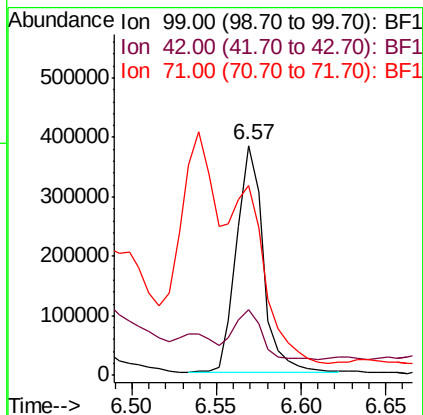
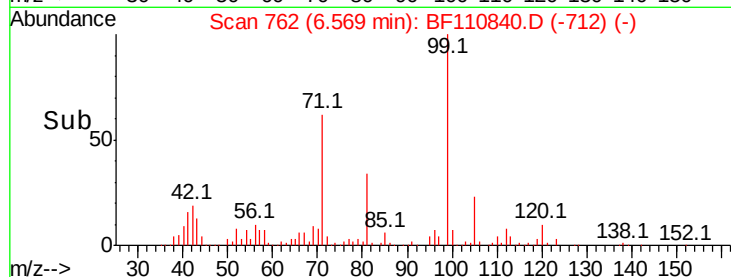
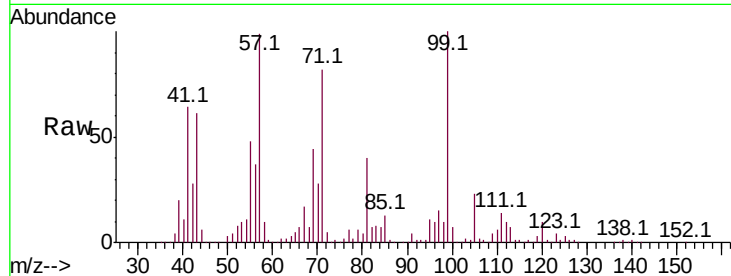
42 28.5 15.8 23.6#

71 82.3 28.0 42.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF110840.D

Acq: 17 Nov 2018 2:54

Tgt Ion: 136 Resp: 47603

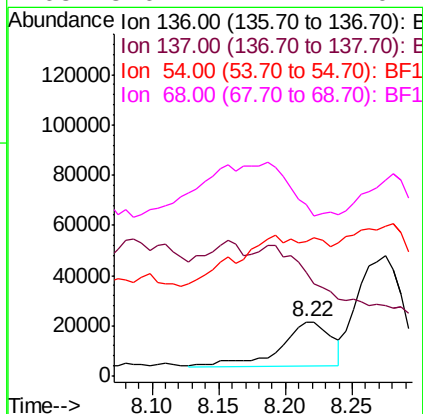
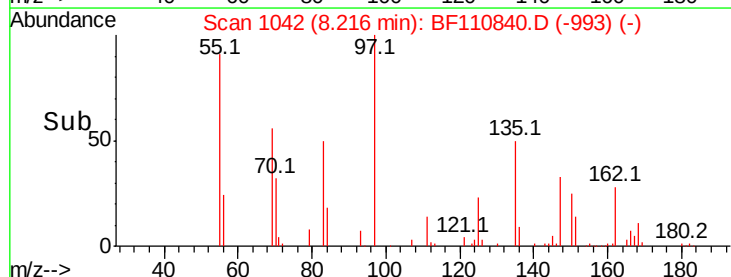
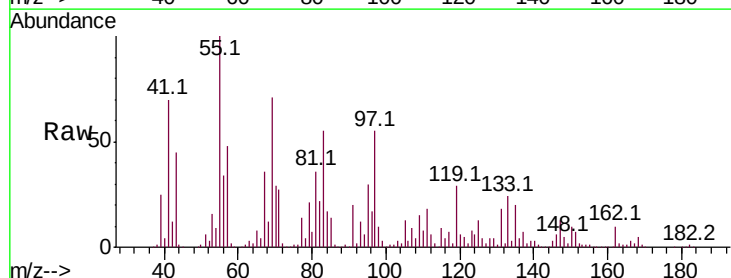
Ion Ratio Lower Upper

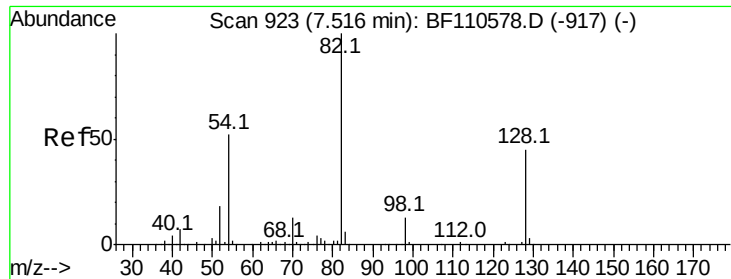
136 100

137 191.9 8.8 13.2#

54 249.2 5.4 8.2#

68 316.4 4.2 6.2#





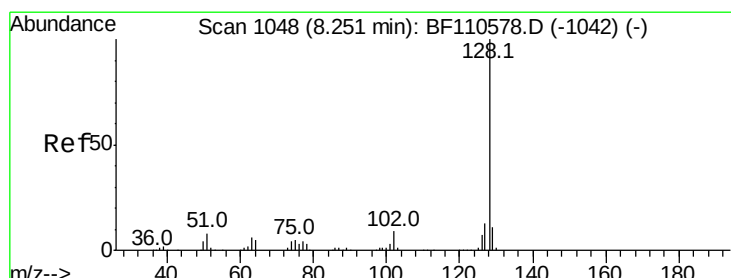
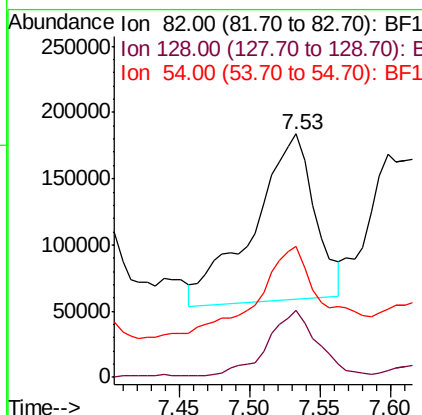
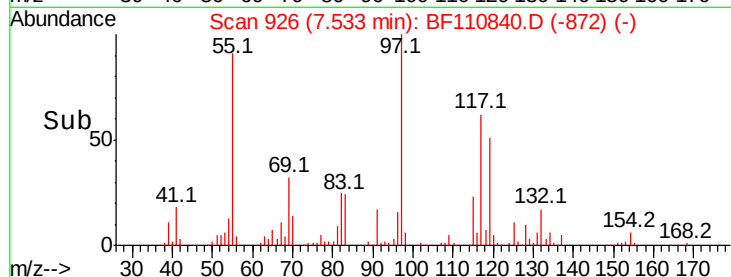
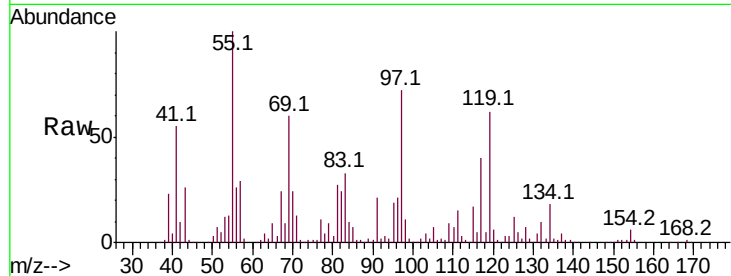
#23
 Nitrobenzene-d5
 Concen: 459.144 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.02 min
 Lab File: BF110840.D
 Acq: 17 Nov 2018 2:54

Instrument :
 BNA_F
 ClientSampled :
 FDSB-03

Tot Ion	Ratio	Lower	Upper
82	100		
128	27.4	34.2	51.2#
54	53.6	38.6	58.0

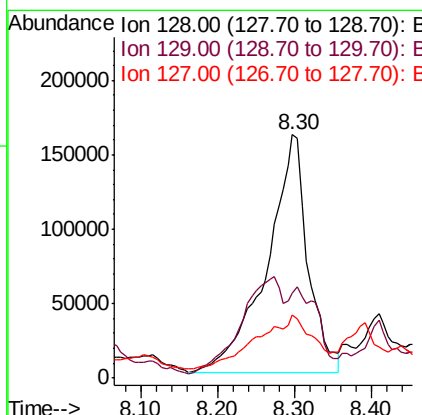
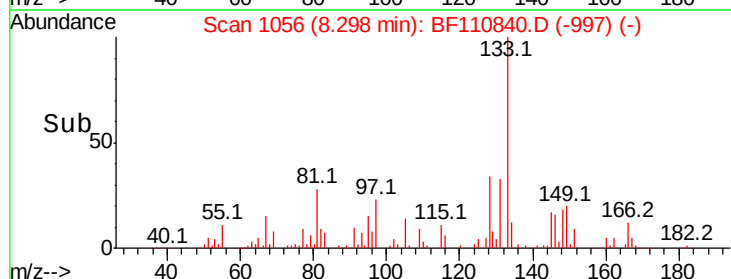
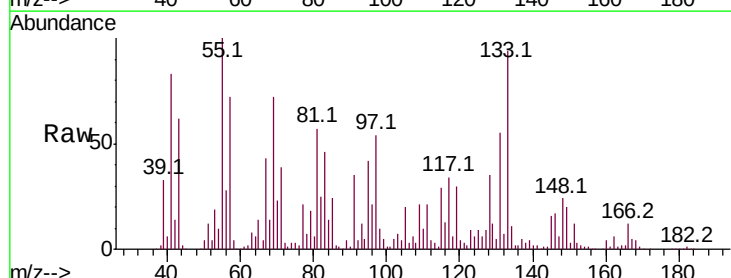
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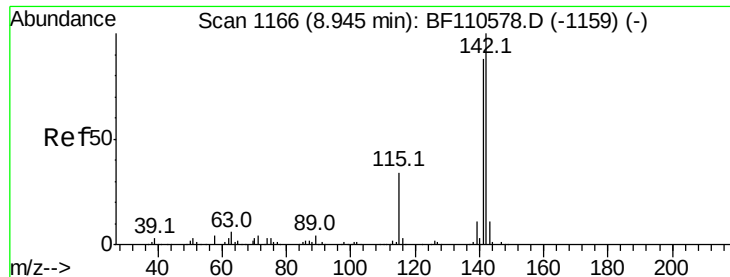
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#31
 Naphthalene
 Concen: 262.422 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.05 min
 Lab File: BF110840.D
 Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	34.8	8.8	13.2#
127	25.7	10.8	16.2#





#37

2-Methylnaphthalene

Concen: 1530.074 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.06 min

Lab File: BF110840.D

Acq: 17 Nov 2018 2:54

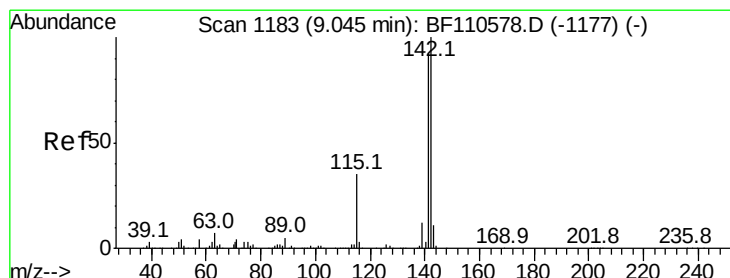
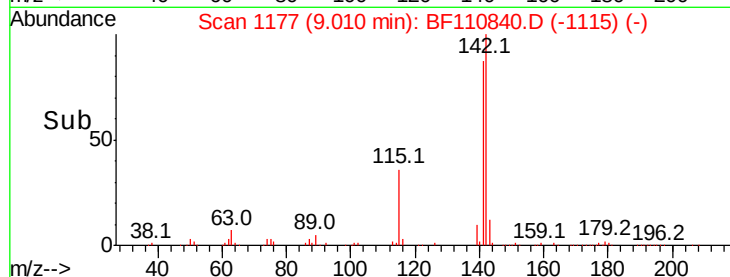
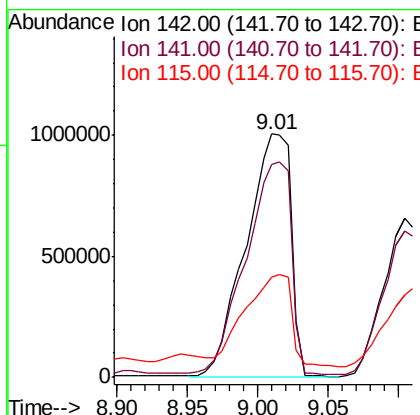
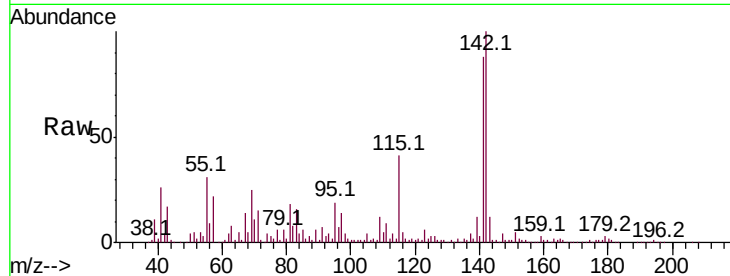
Instrument :
BNA_F
ClientSampled :
FDSB-03

Tot Ion:142 Resp: 2241491

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.4	107.2
115	41.3	28.7	43.1

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#38

1-Methylnaphthalene

Concen: 1004.941 ng m

RT: 9.10 min Scan# 1193

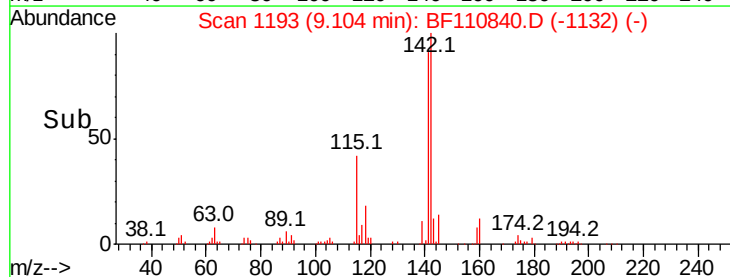
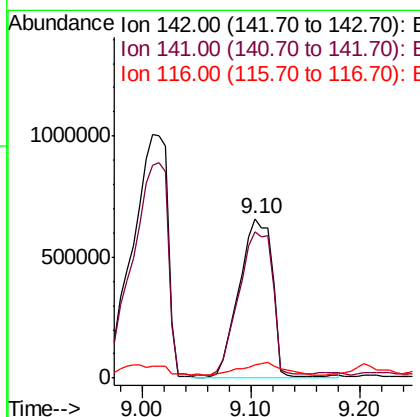
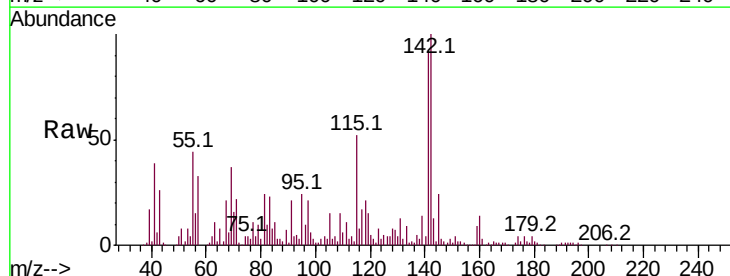
Delta R.T. 0.06 min

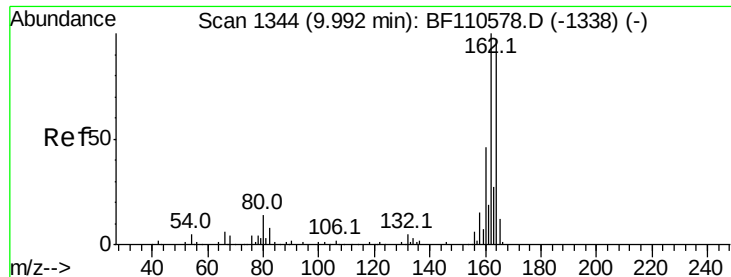
Lab File: BF110840.D

Acq: 17 Nov 2018 2:54

Tgt Ion:142 Resp: 1415825

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	8.4	2.6	4.0#





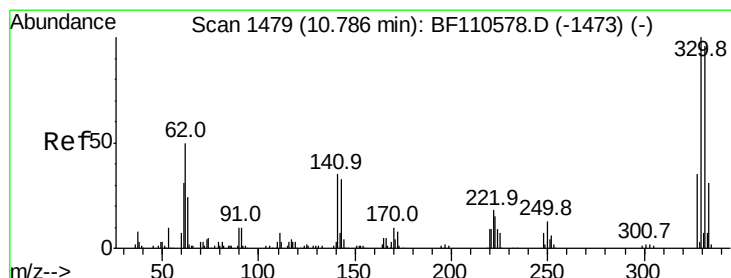
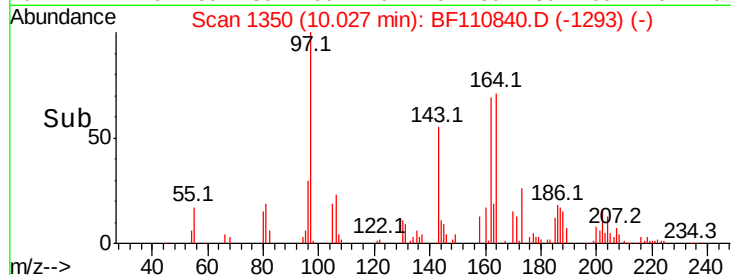
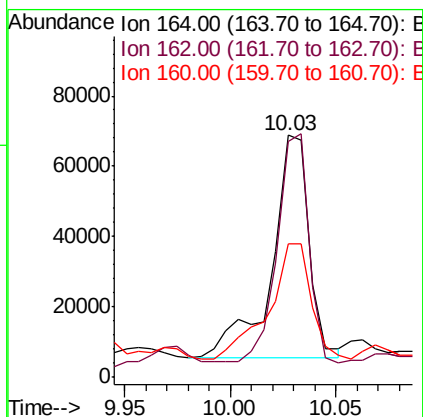
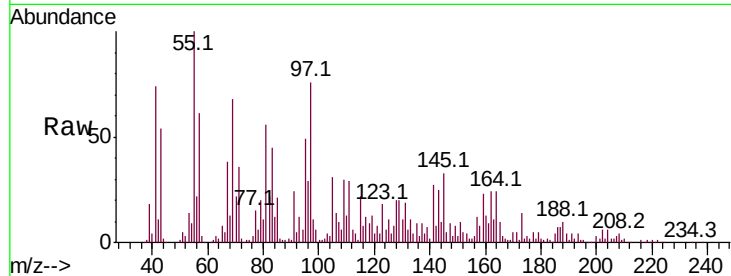
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.04 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Instrument :
BNA_F
ClientSampled :
FDSB-03

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.7	83.0	124.6
160	55.0	37.0	55.6

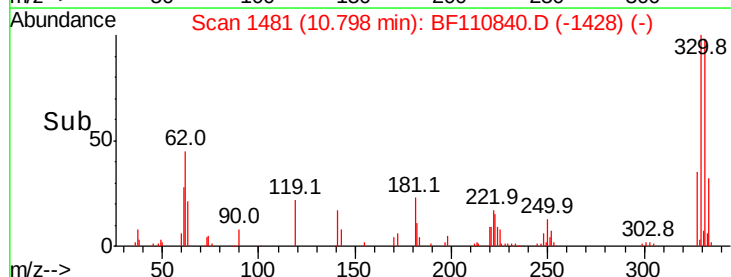
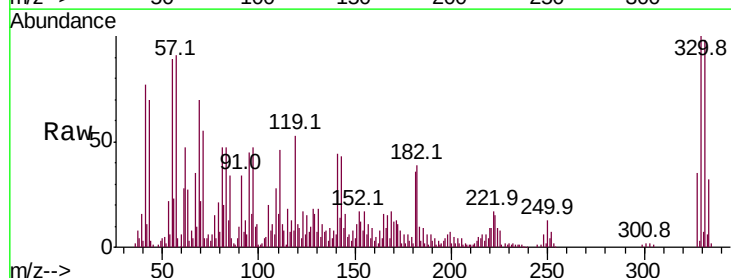
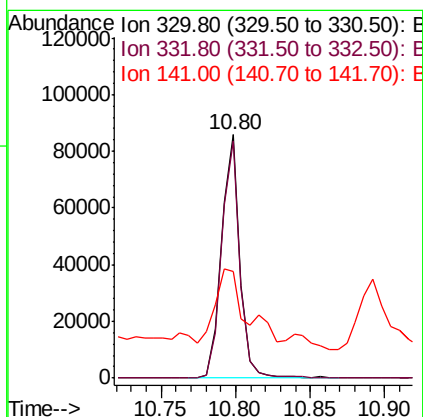
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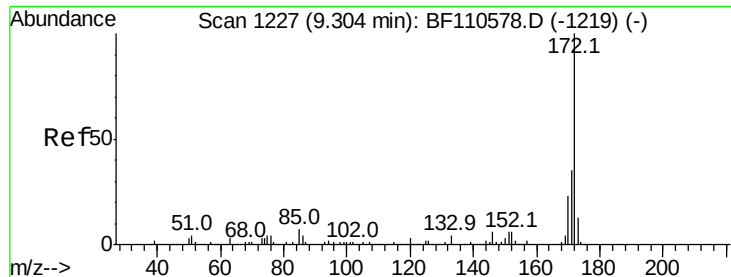
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#42
2,4,6-Tribromophenol
Concen: 95.084 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	50.1	27.0	40.4#





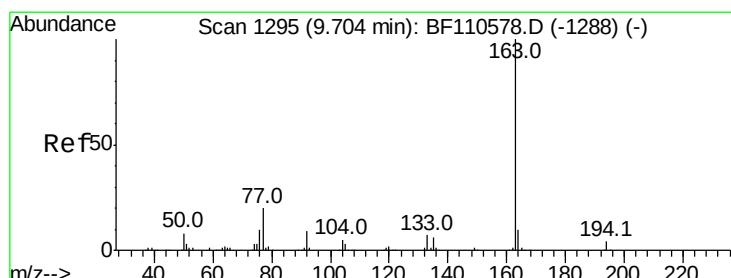
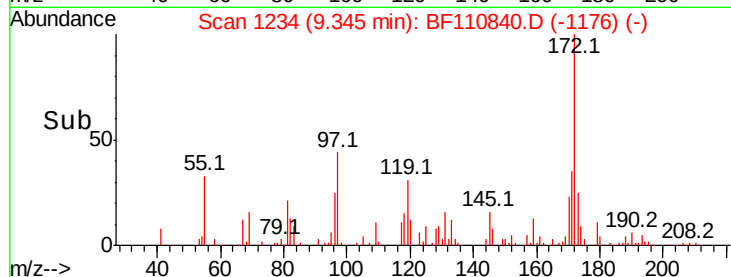
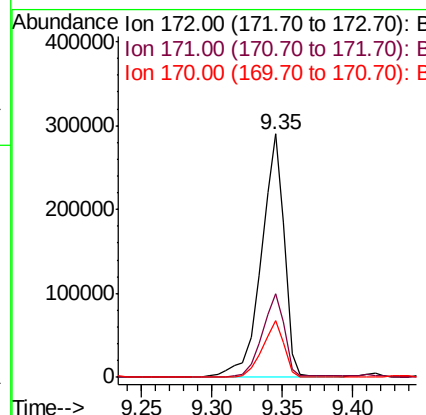
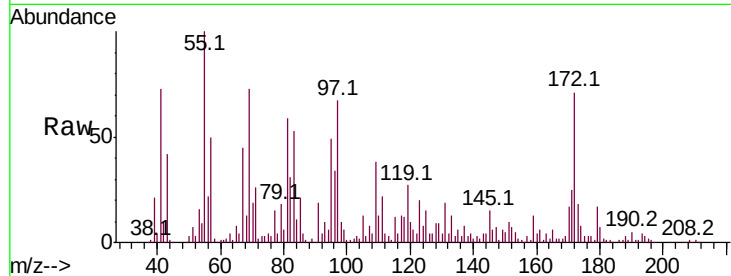
#45
2-Fluorobiphenyl
Concen: 60.882 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.04 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :
FDSB-03

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	34.5	28.6	43.0
170	23.2	19.7	29.5

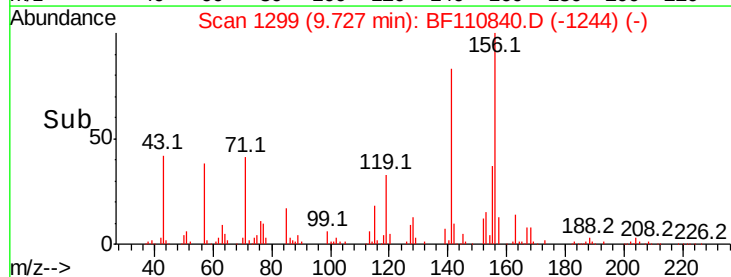
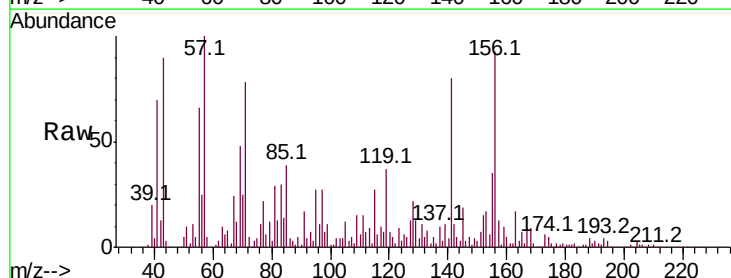
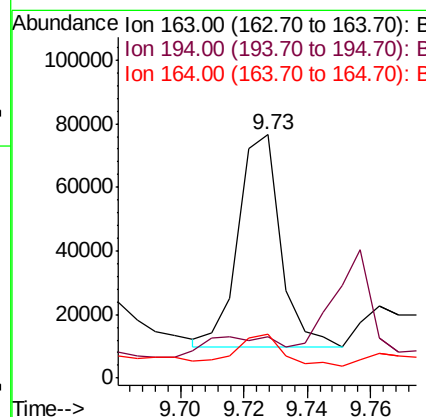
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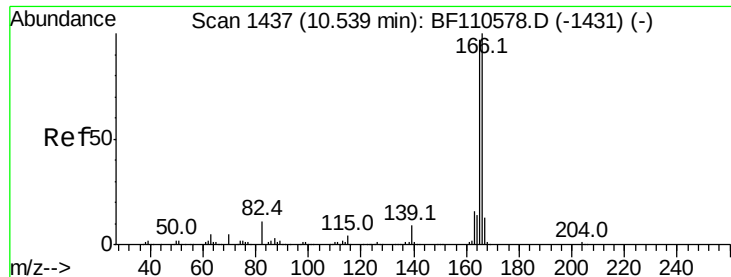
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#50
Dimethylphthalate
Concen: 10.666 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	17.2	3.2	4.8#
164	18.2	8.1	12.1#





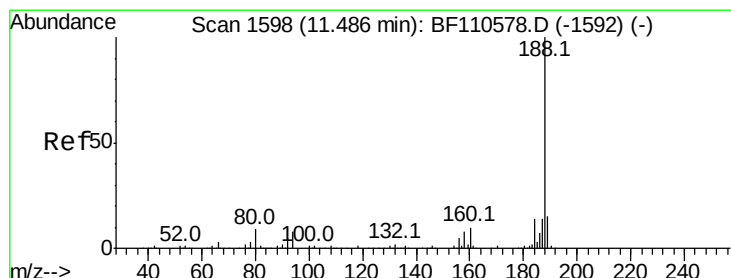
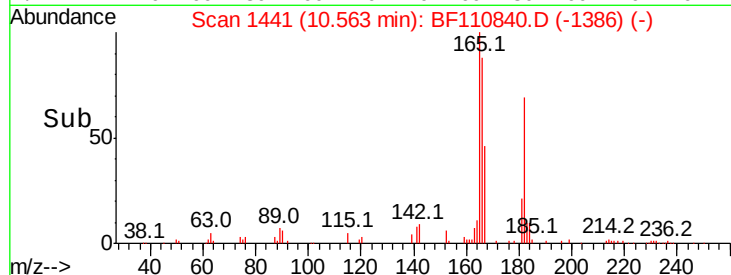
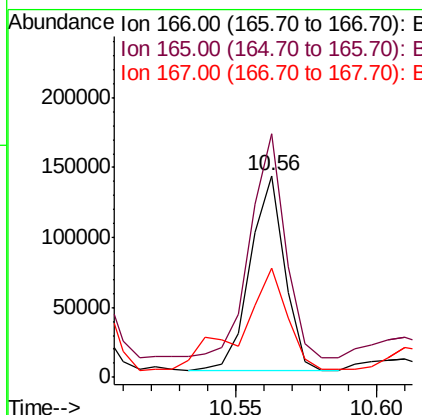
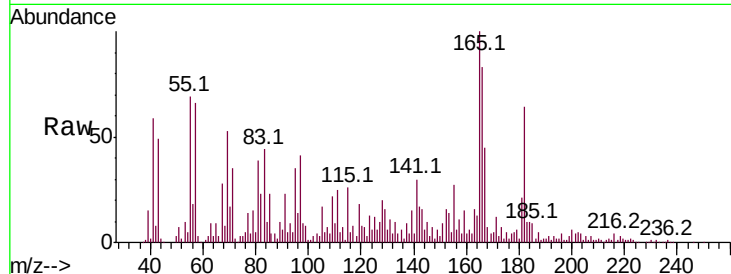
#58
 Fluorene
 Concen: 22.121 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.02 min
 Lab File: BF110840.D
 Acq: 17 Nov 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-03

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	120.7	78.6	117.8#	
167	53.9	10.8	16.2#	

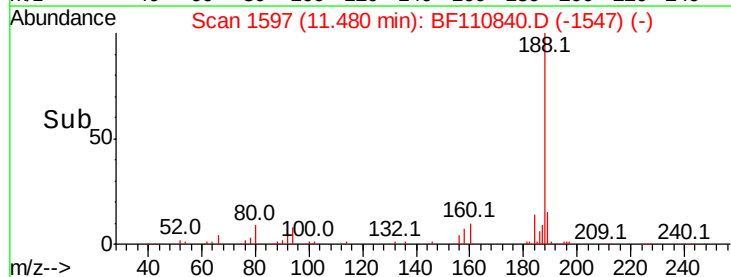
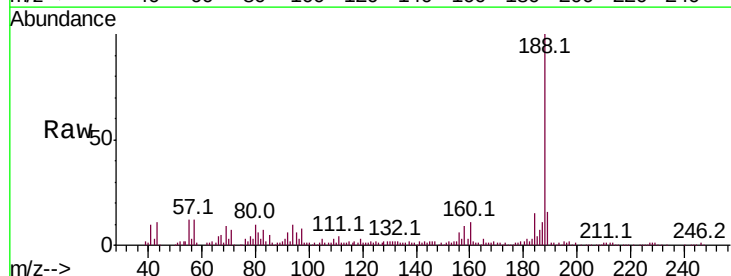
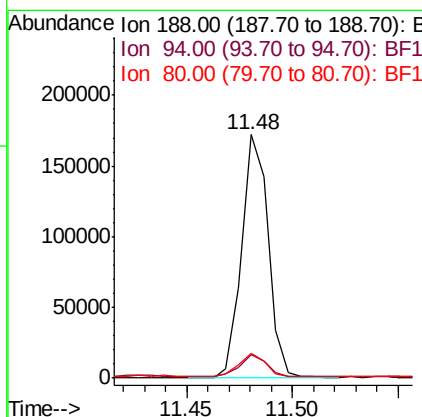
Manual Integrations
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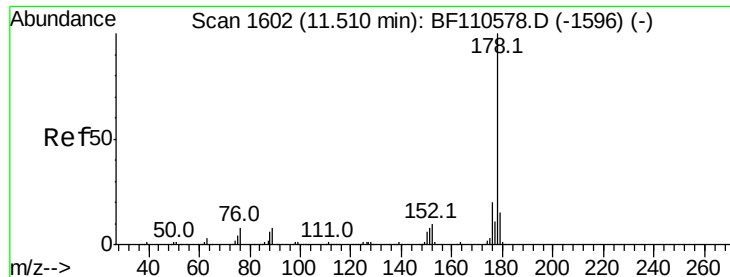
Sohil
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110840.D
 Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.7	7.2	10.8	
80	10.1	7.9	11.9	





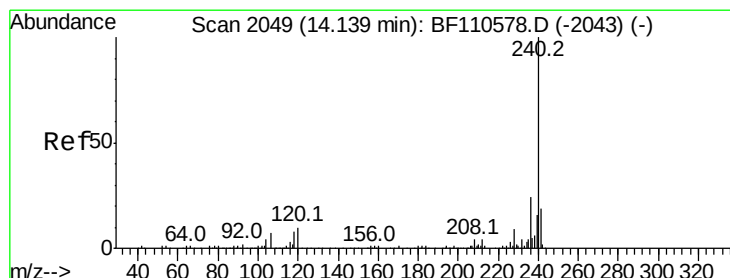
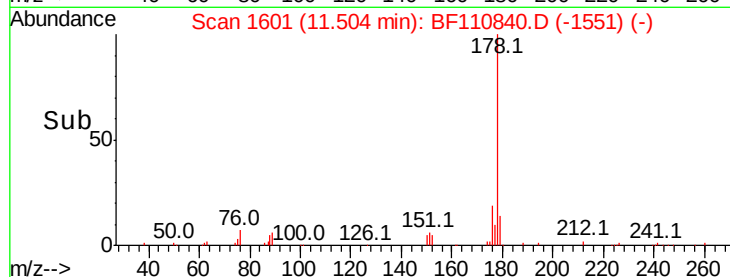
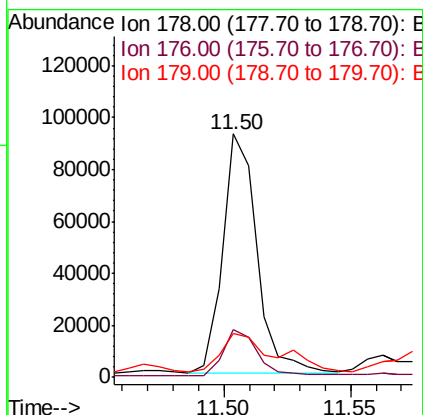
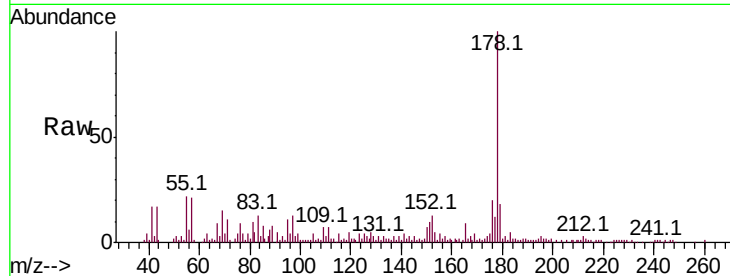
#71
Phenanthrene
Concen: 10.714 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :
FDSB-03

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	18.2	12.5	18.7

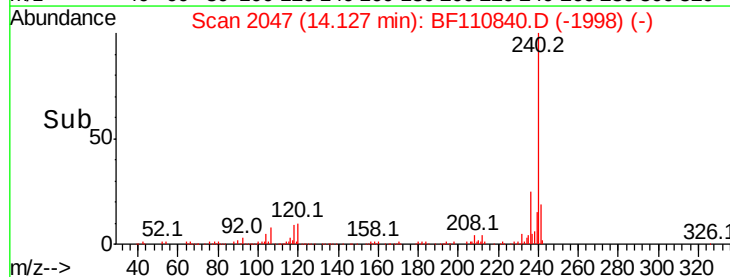
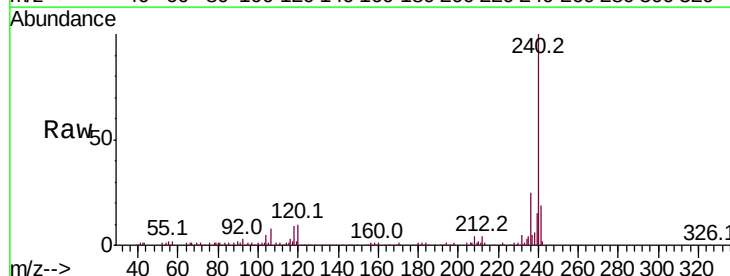
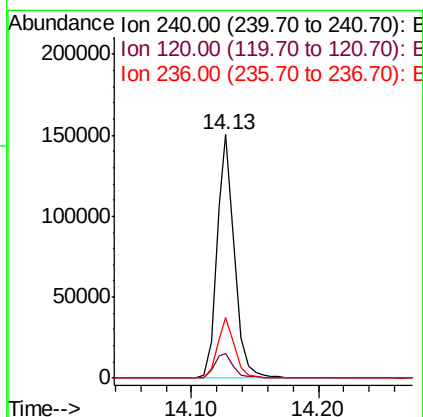
Manual Integrations
APPROVED

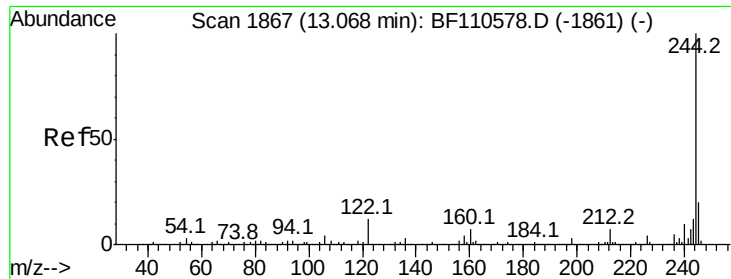
Sohil
11/19/2018 11:56:15 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110840.D
Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	24.8	21.2	31.8





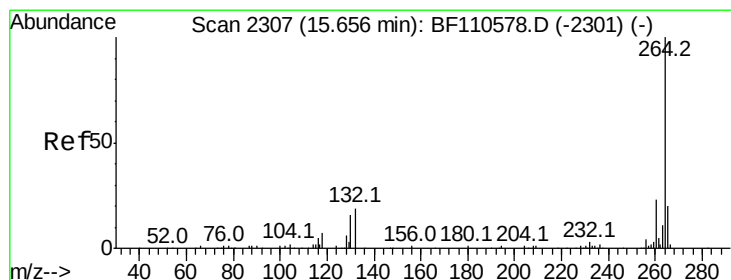
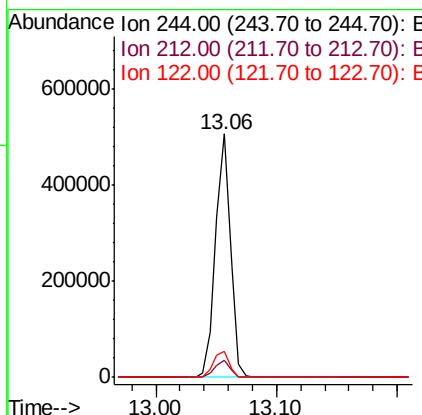
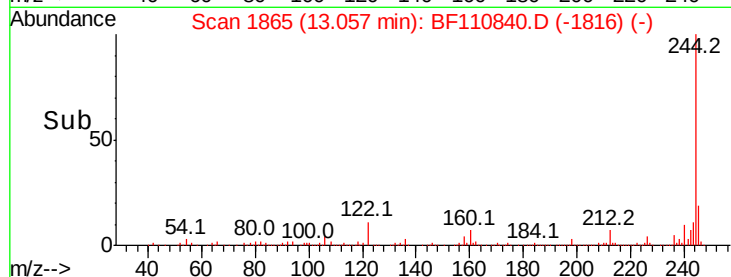
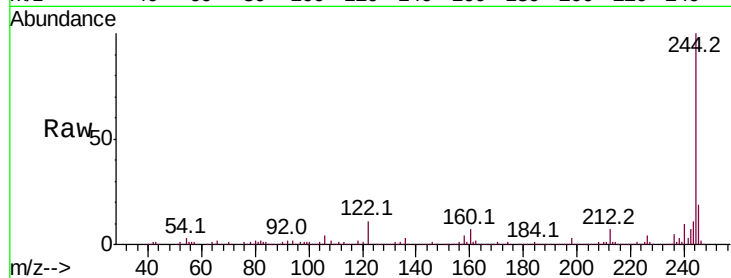
#79
 Terphenyl-d14
 Concen: 55.354 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110840.D
 Acq: 17 Nov 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-03

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.8	8.7	13.1

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:56:15 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110840.D
 Acq: 17 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.7	16.7	25.1

