

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110828.D
 Acq On : 16 Nov 2018 20:28
 Operator : JU/SJ
 Sample : J5951-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(10-12)

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:56:03 AM

Quant Time: Nov 17 00:09:21 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	6.94	152	54626	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	225842	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	106475	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	176720	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	151012	20.00	ng	-0.01
87) Perylene-d12	15.66	264	113224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	28745	8.55	ng	0.00
7) Phenol-d6	6.57	99	37551	8.73	ng	0.00
23) Nitrobenzene-d5	7.51	82	21052m	5.37	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	5988	5.58	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	48095	6.45	ng	0.00
79) Terphenyl-d14	13.06	244	38420	4.76	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.95	142	713947	102.724	ng	Qvalue 100
38) 1-Methylnaphthalene	9.05	142	425671m	63.685	ng	
55) Dibenzofuran	10.19	168	27879	2.926	ng	# 65
58) Fluorene	10.54	166	29966	4.094	ng	# 66
71) Phenanthrene	11.50	178	25840	2.729	ng	97

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

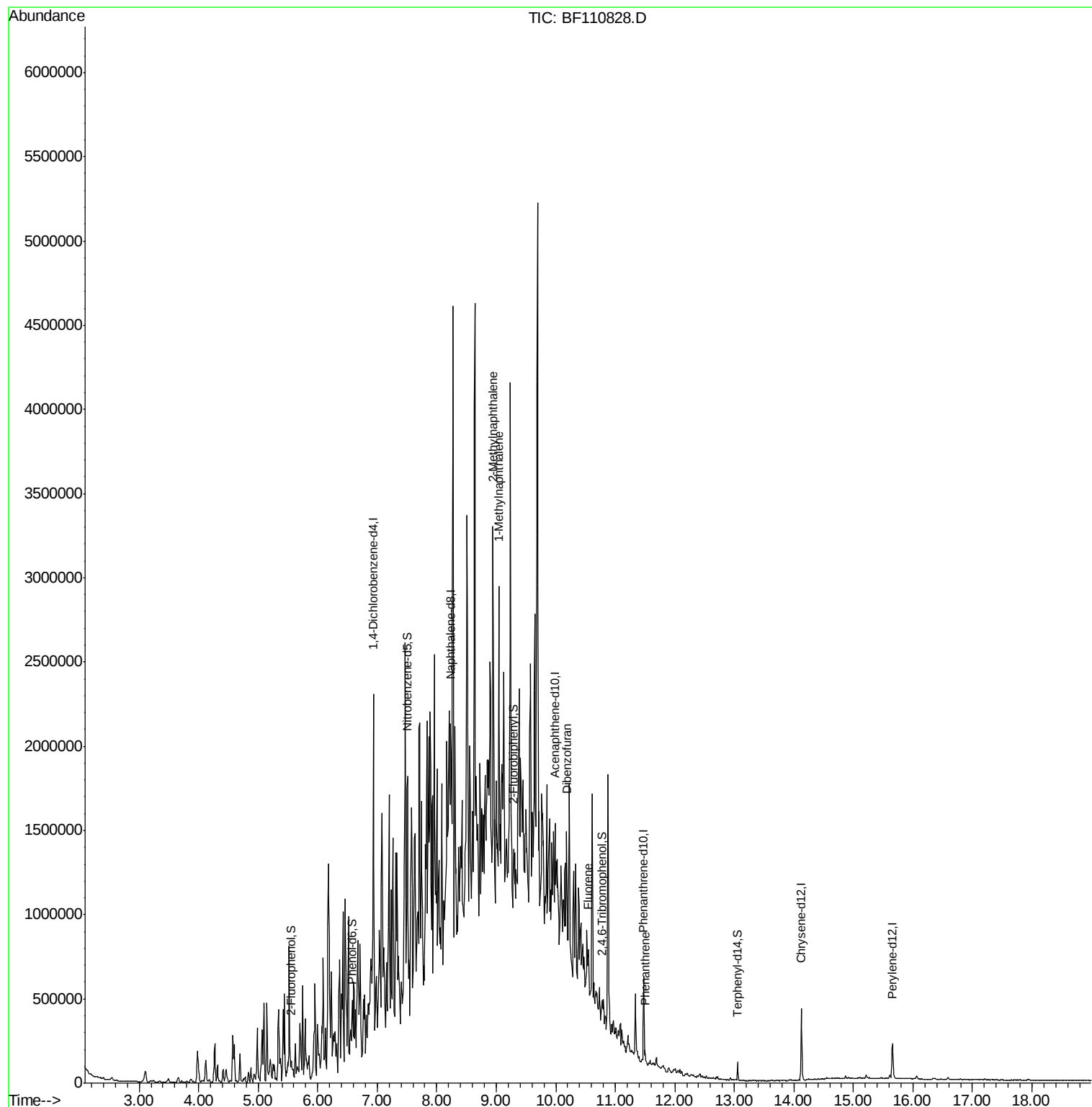
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110828.D
Acq On : 16 Nov 2018 20:28
Operator : JU/SJ
Sample : J5951-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

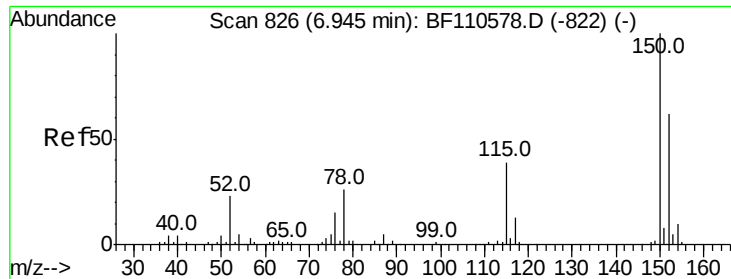
Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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#1

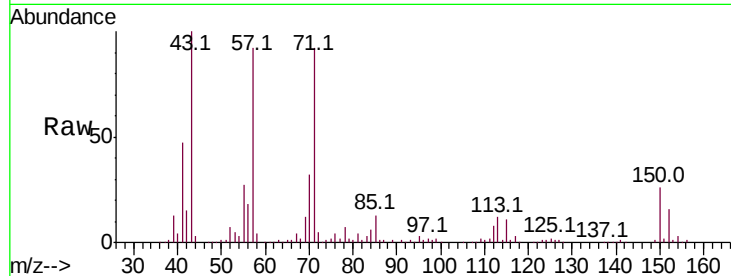
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	122.7	184.1
115	65.3	49.1	73.7

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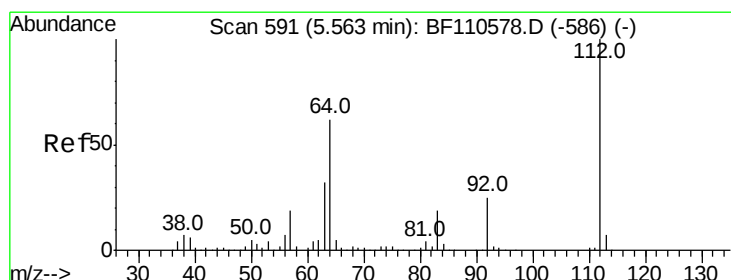
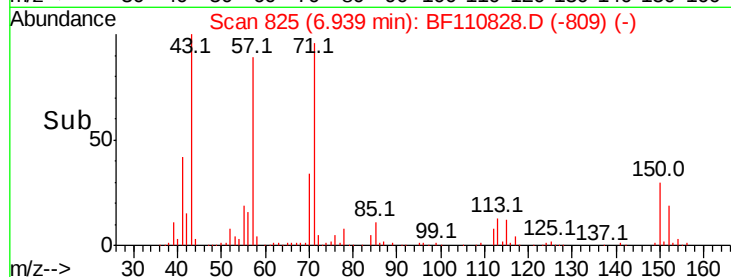
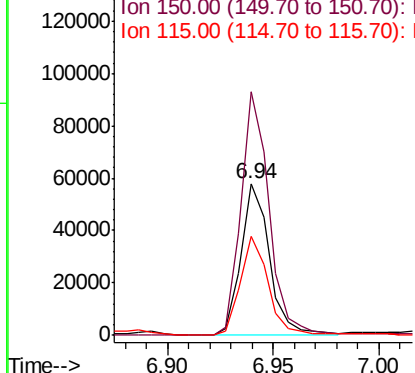


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

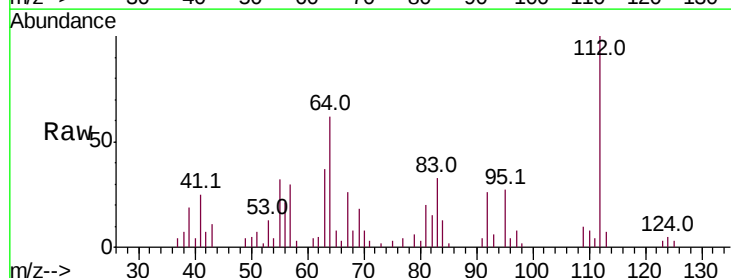
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.547 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	36.7	23.7	35.5#

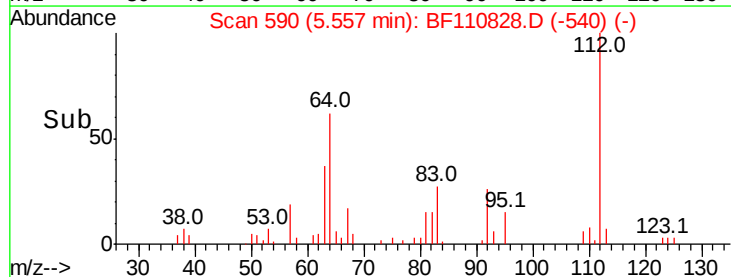
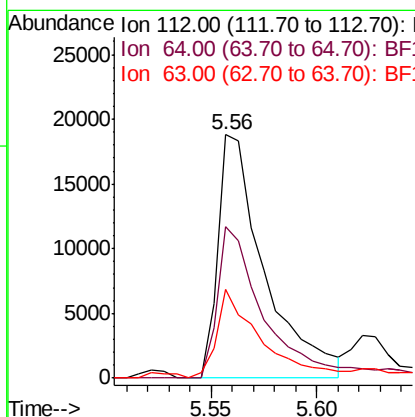


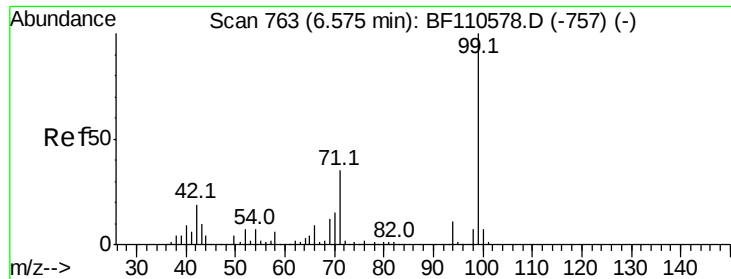
Abundance

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: 8.732 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110828.D

Acq: 16 Nov 2018 20:28

Instrument :

BNA_F

ClientSampleId :

FDSB-02(10-12)

Tot Ion: 99 Resp: 37551

Ion Ratio Lower Upper

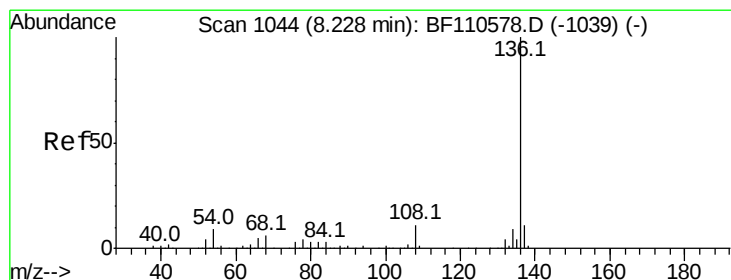
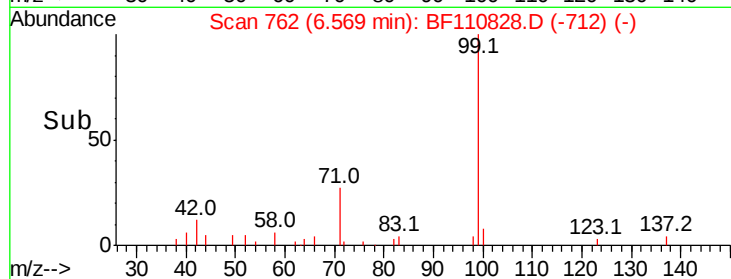
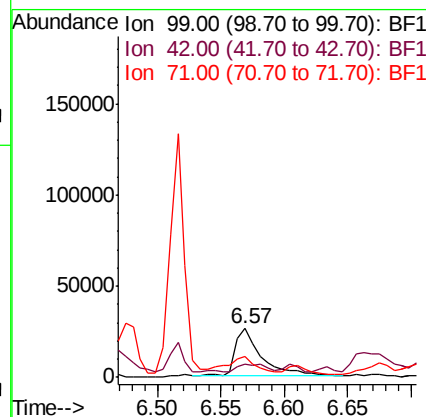
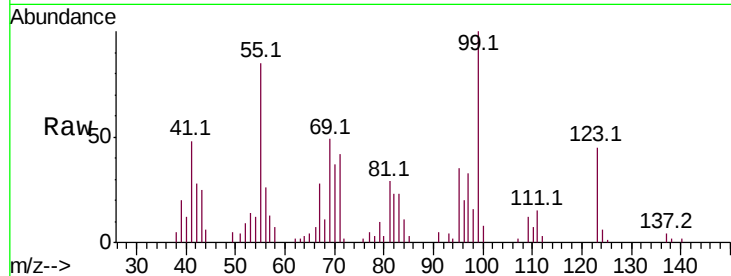
99 100

42 28.1 15.8 23.6#

71 42.1 28.0 42.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF110828.D

Acq: 16 Nov 2018 20:28

Tgt Ion: 136 Resp: 225842

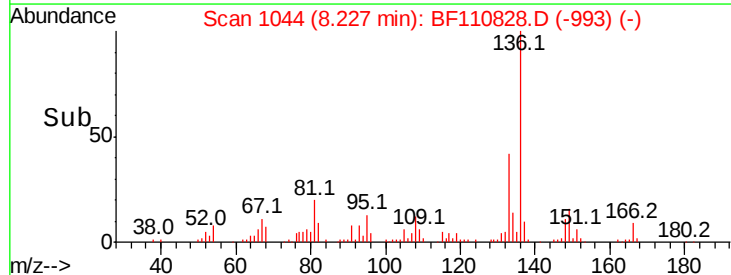
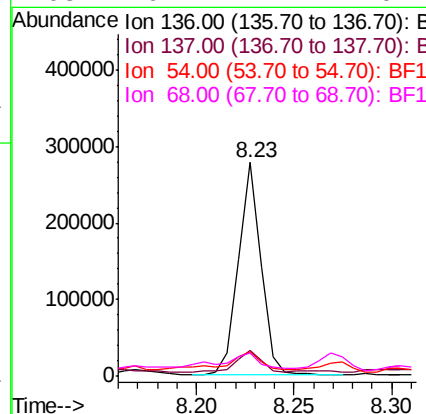
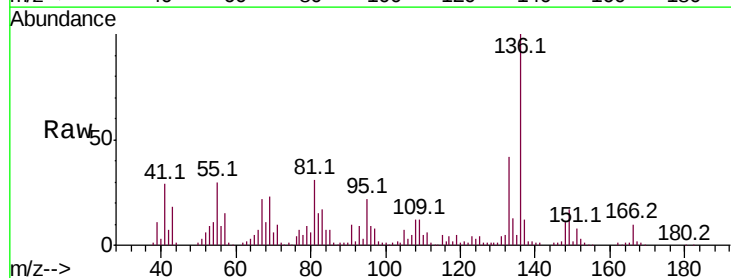
Ion Ratio Lower Upper

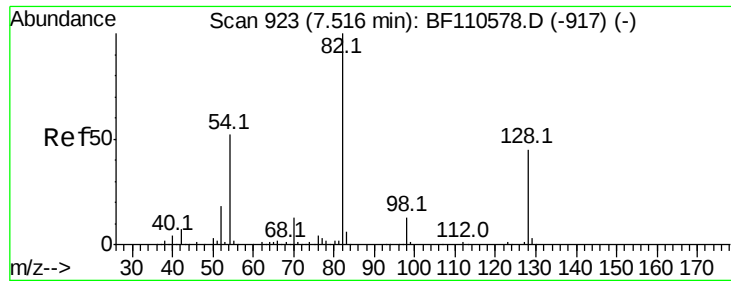
136 100

137 11.8 8.8 13.2

54 11.2 5.4 8.2#

68 10.7 4.2 6.2#





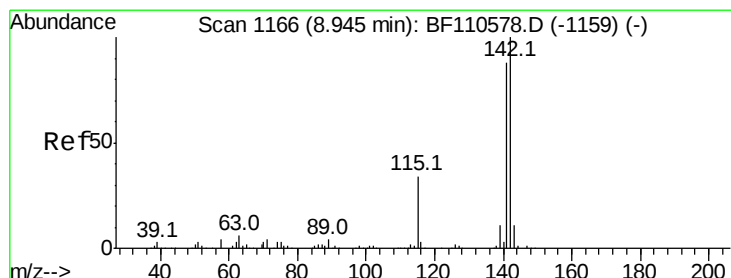
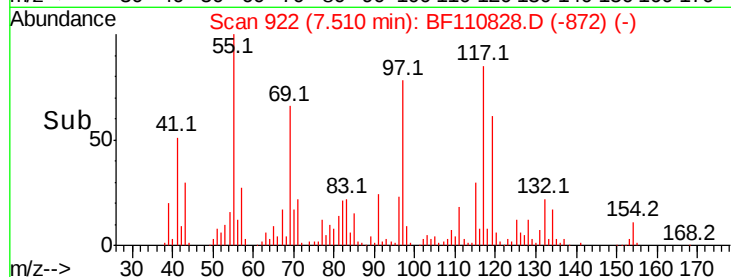
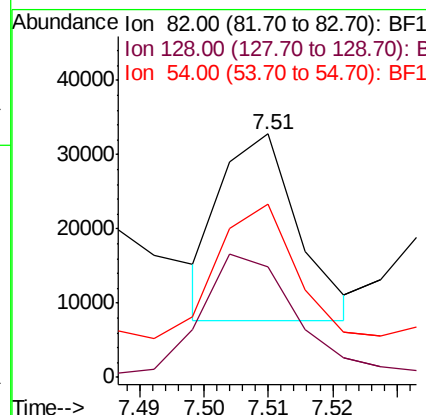
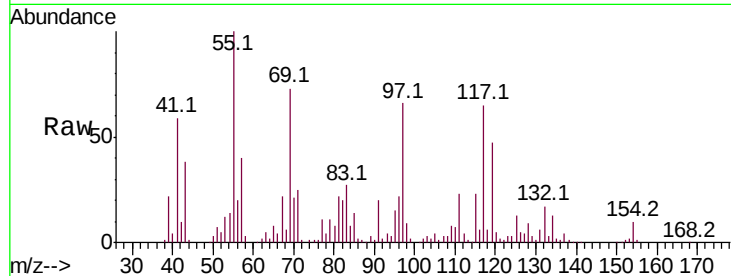
#23
Nitrobenzene-d5
Concen: 5.368 ng/ml
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	71.3	38.6	58.0

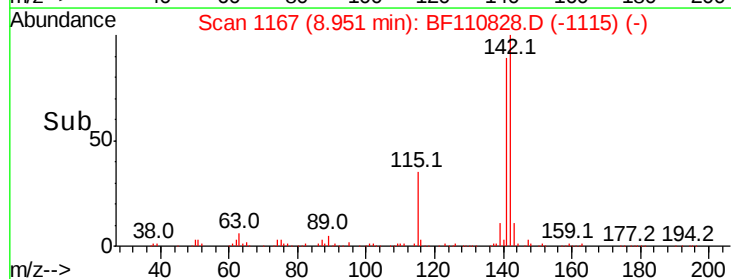
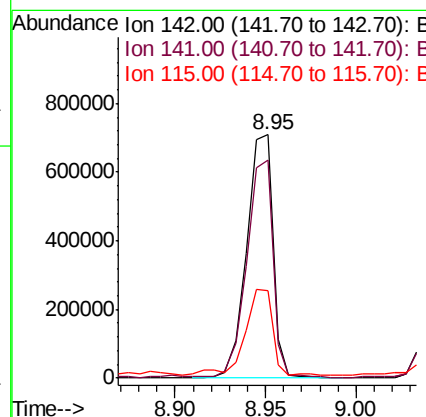
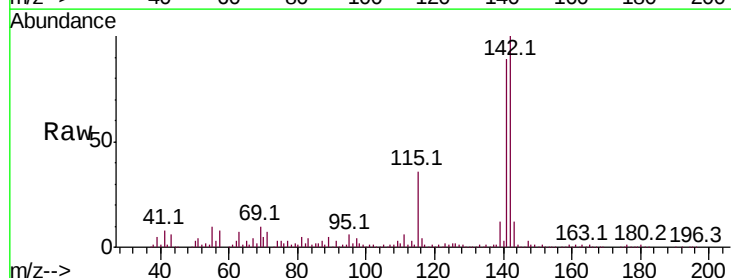
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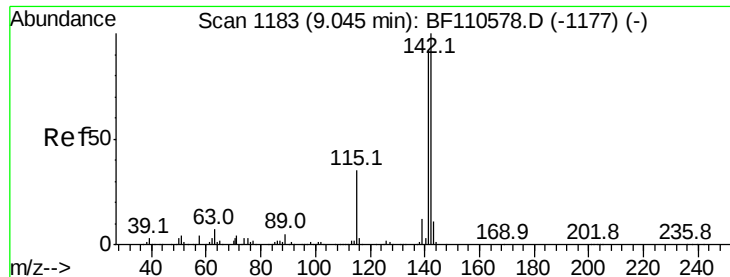
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#37
2-Methylnaphthalene
Concen: 102.724 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	35.9	28.7	43.1





#38

1-Methylnaphthalene

Concen: 63.685 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF110828.D

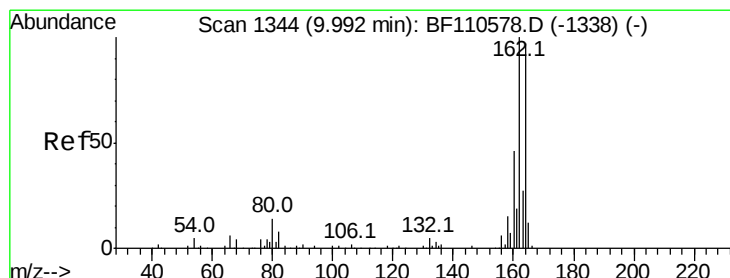
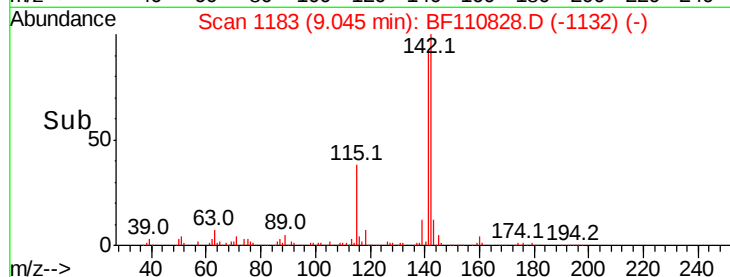
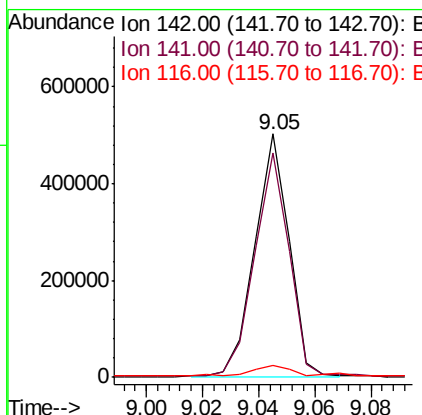
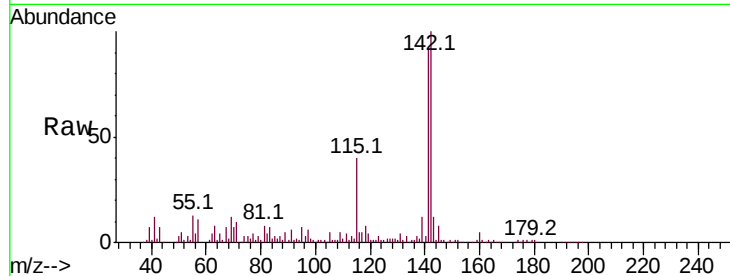
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.1	74.2	111.4	
116	5.0	2.6	4.0	

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#39

Acenaphthene-d10

Concen: 20.000 ng

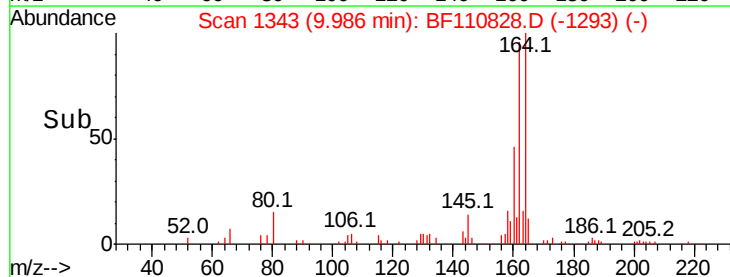
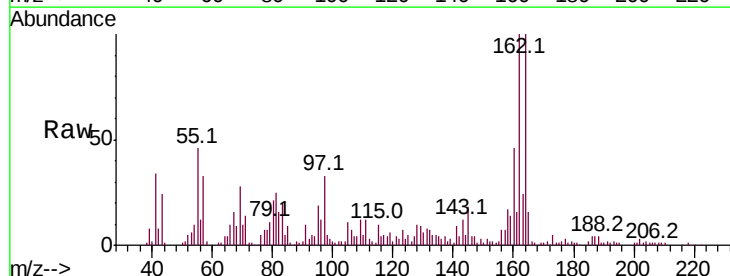
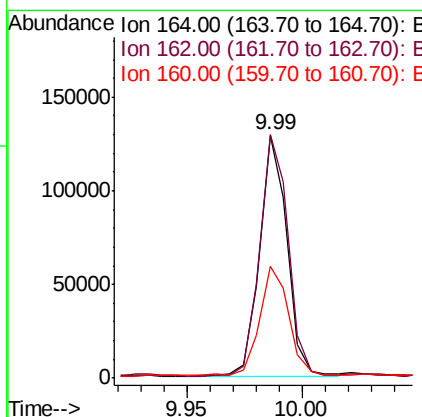
RT: 9.99 min Scan# 1343

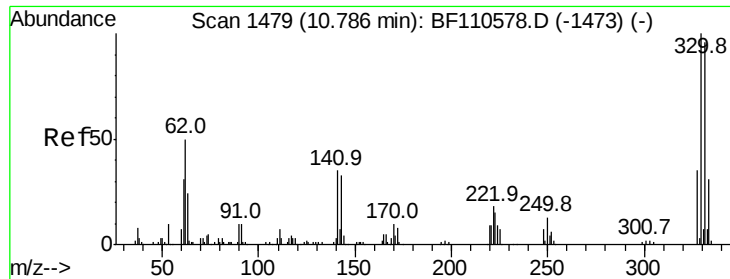
Delta R.T. -0.01 min

Lab File: BF110828.D

Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	83.0	124.6	
160	46.2	37.0	55.6	





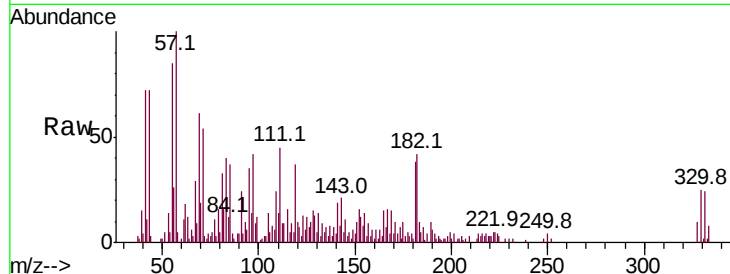
#42
 2,4,6-Tribromophenol
 Concen: 5.581 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110828.D
 Acq: 16 Nov 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.1	115.7
141	0.0	27.0	40.4#

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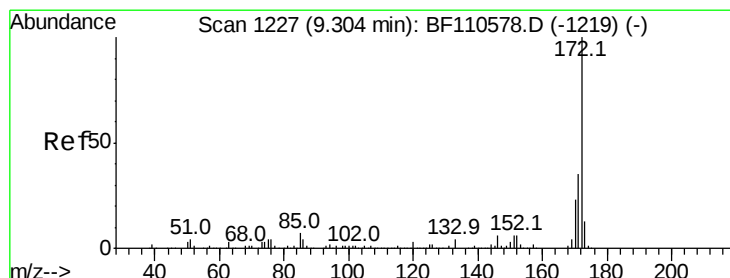
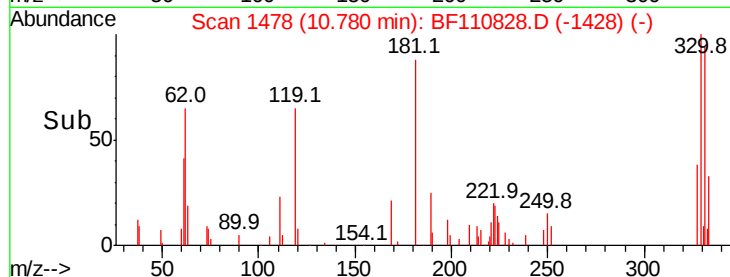
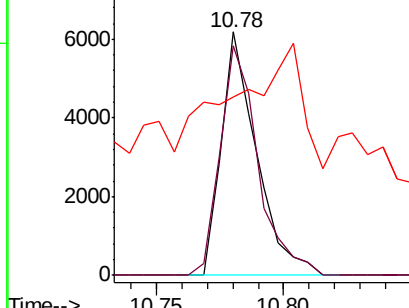


Abundance

Ion 329.80 (329.50 to 330.50): E

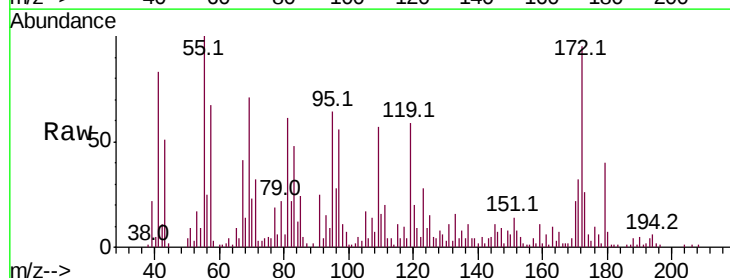
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 6.451 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110828.D
 Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	23.8	19.7	29.5

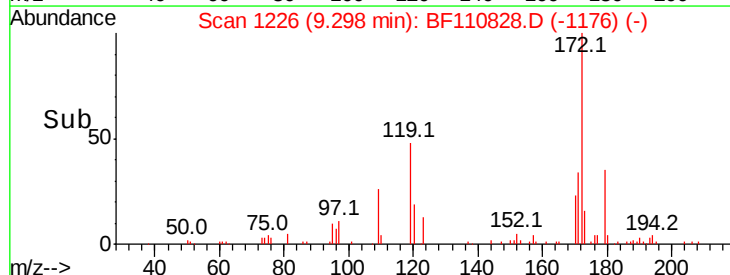
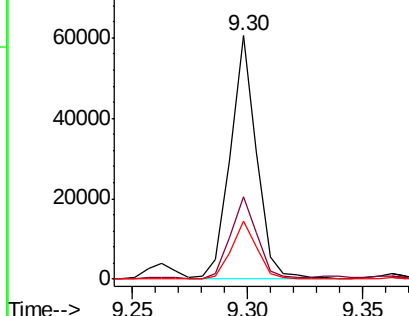


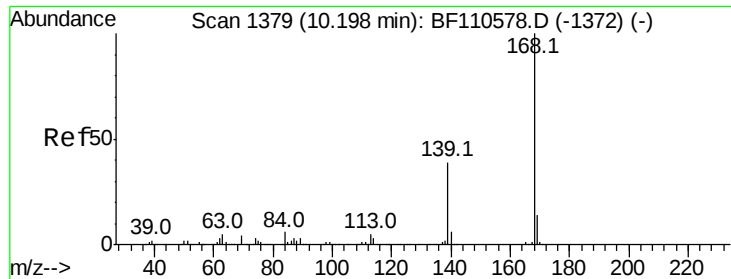
Abundance

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





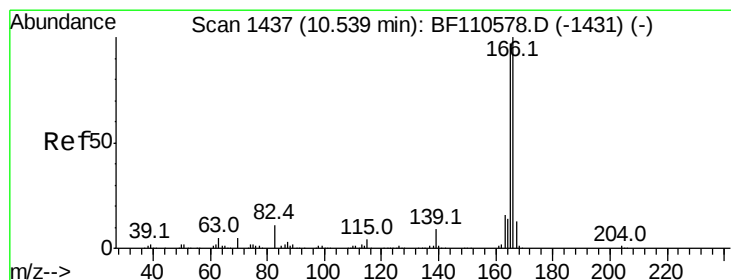
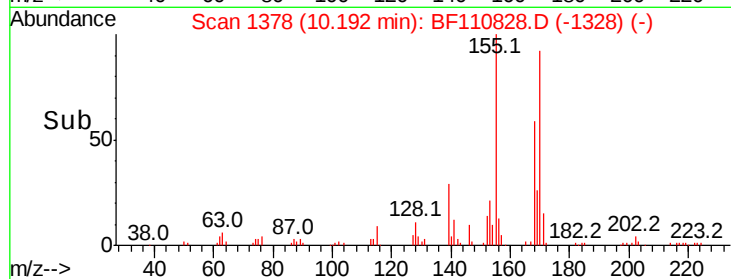
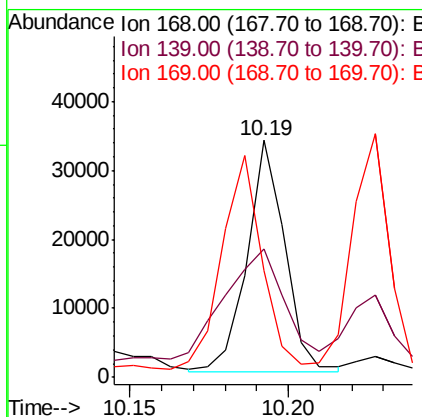
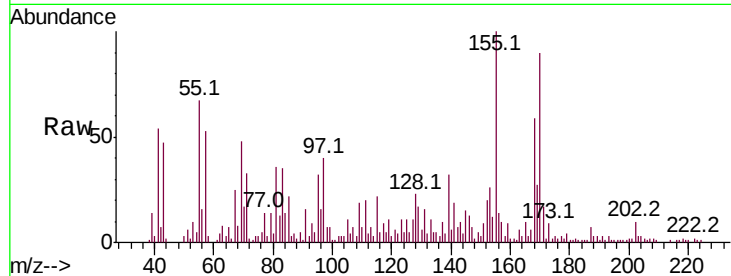
#55
Dibenzofuran
Concen: 2.926 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tot Ion	Ratio	Lower	Upper
168	100		
139	54.3	33.0	49.6#
169	44.8	11.3	16.9#

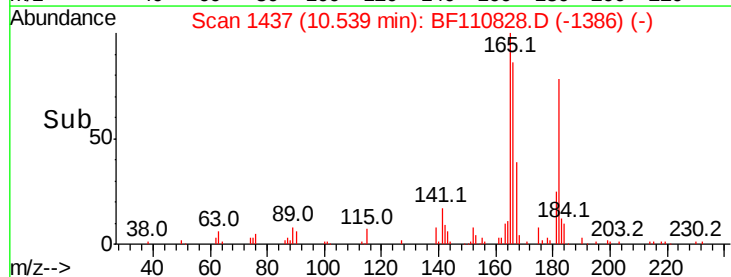
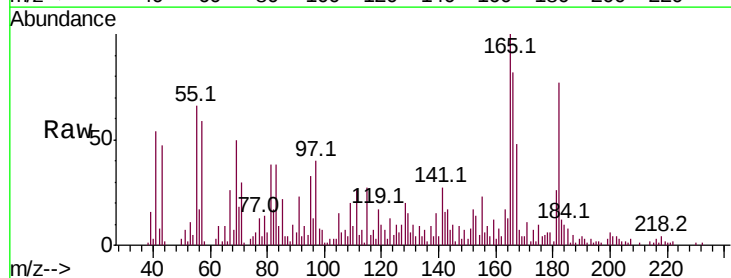
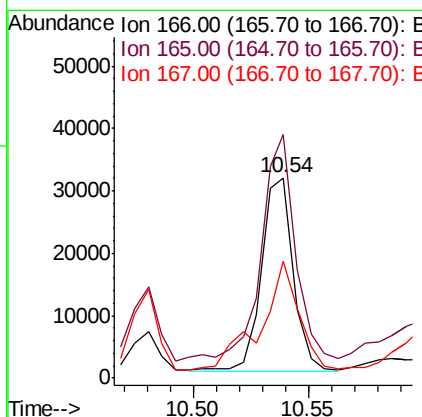
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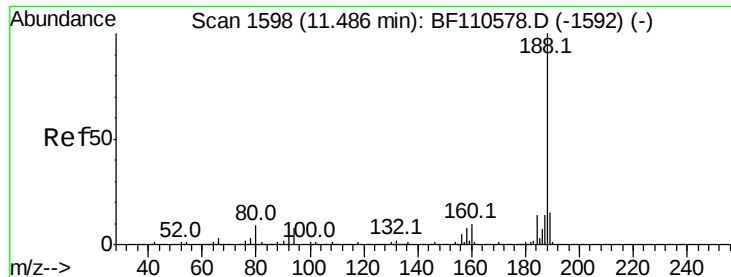
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#58
Fluorene
Concen: 4.094 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	121.6	78.6	117.8#
167	58.7	10.8	16.2#





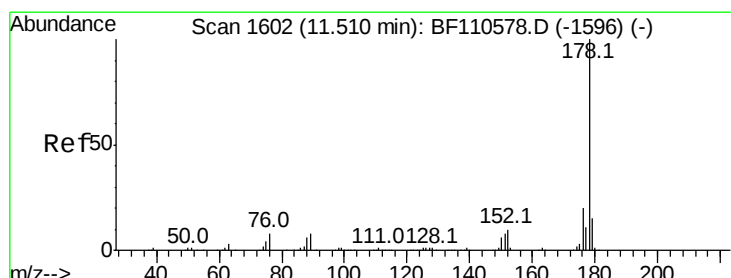
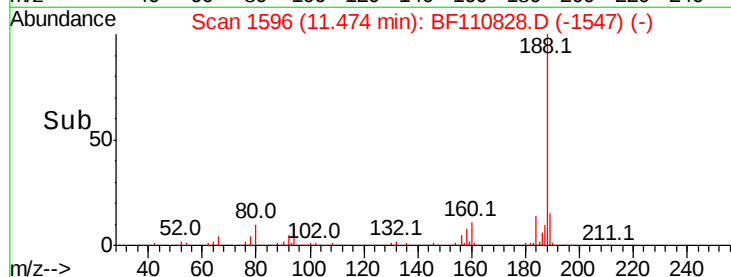
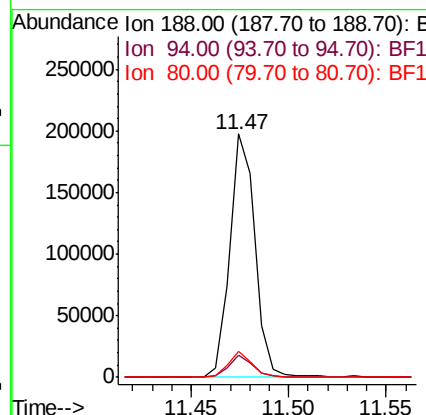
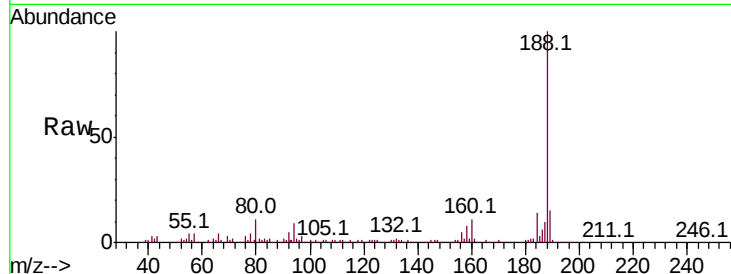
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	176720		
94	8.9		7.2	10.8
80	10.6		7.9	11.9

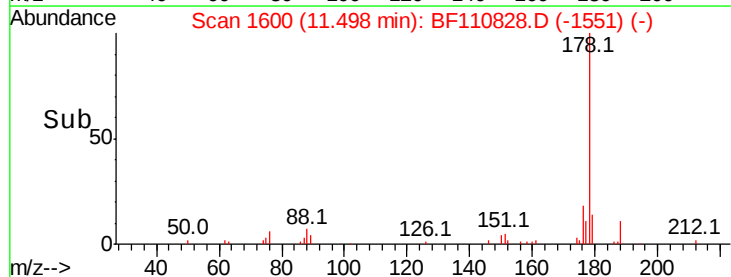
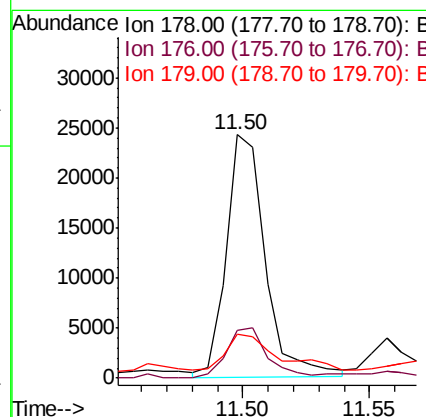
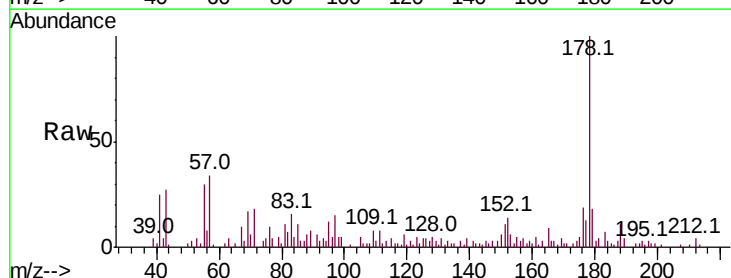
Manual Integrations
APPROVED

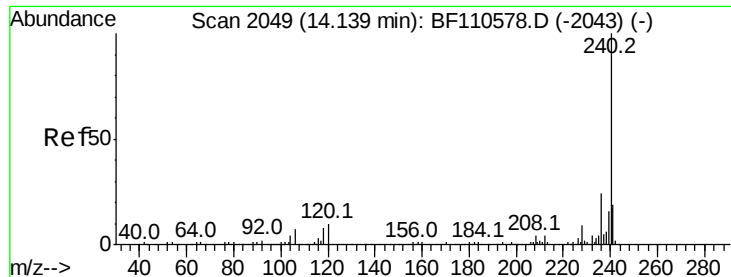
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#71
Phenanthrene
Concen: 2.729 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	25840		
176	19.4		15.5	23.3
179	18.3		12.5	18.7





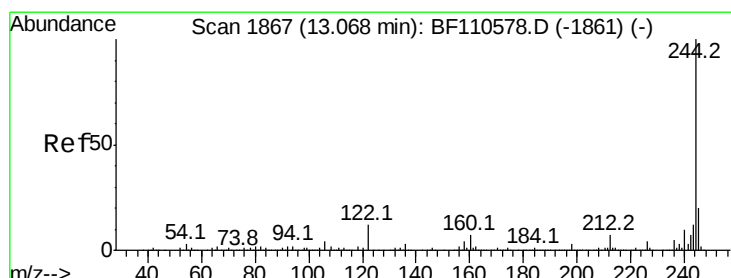
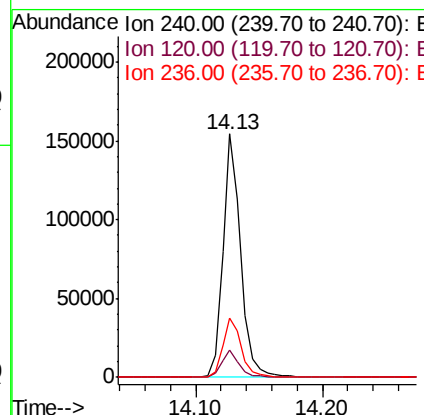
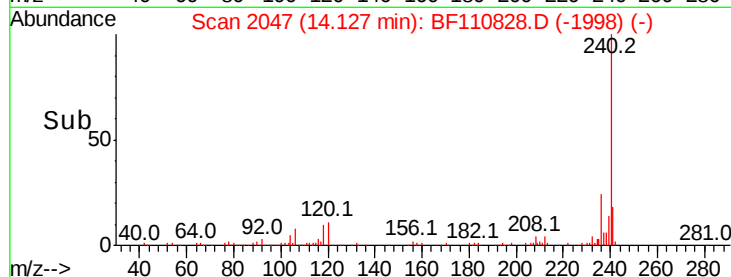
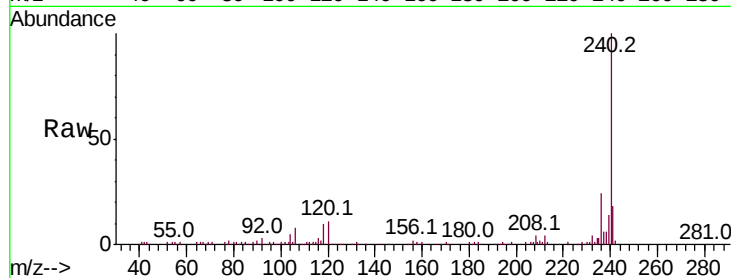
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110828.D
 Acq: 16 Nov 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	8.3	12.5	
236	24.5	21.2	31.8	

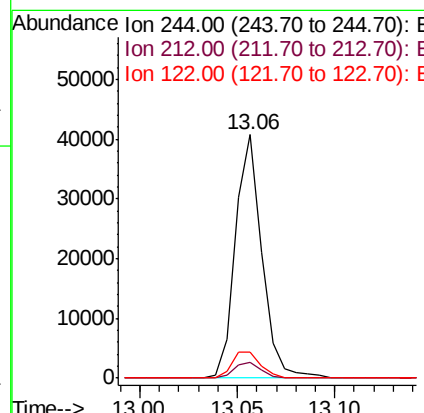
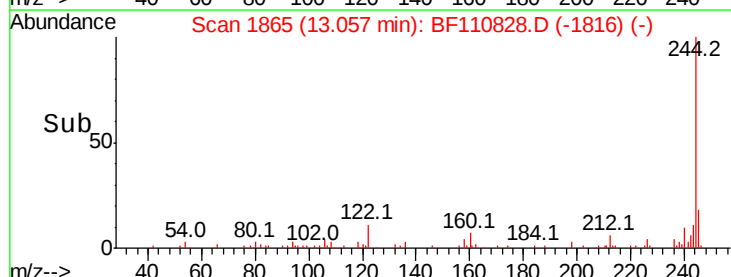
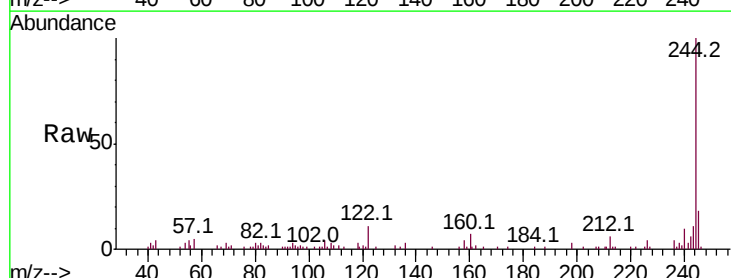
Manual Integrations
 APPROVED

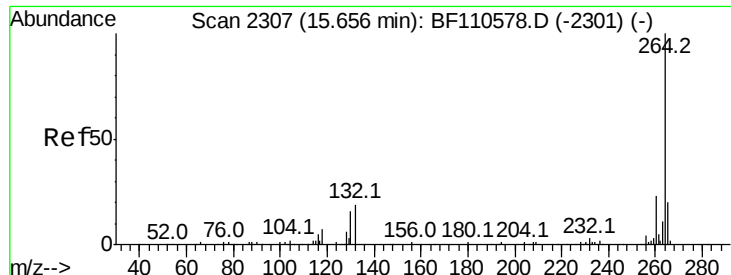
Sohil
 11/19/2018 11:56:03 AM



#79
 Terphenyl-d14
 Concen: 4.765 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110828.D
 Acq: 16 Nov 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	5.8	8.8	
122	10.9	8.7	13.1	





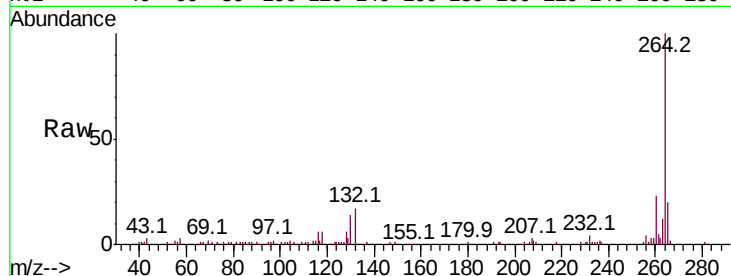
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tot Ion:	264	Resp:	113224
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.7	28.1
265	20.5	16.7	25.1

Manual Integrations
APPROVED

Sohil
11/19/2018 11:56:03 AM



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

