

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110845.D
 Acq On : 19 Nov 2018 11:44
 Operator : JU/SJ
 Sample : J5951-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(21-23)

Manual Integrations
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 11/20/2018 11:07:15 AM

Quant Time: Nov 19 13:14:27 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	69983	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	303448	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	146178	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	274685	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	166009	20.00	ng	-0.01
87) Perylene-d12	15.66	264	157396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	404412	93.86	ng	0.00
7) Phenol-d6	6.57	99	512403	93.00	ng	0.00
23) Nitrobenzene-d5	7.50	82	325722	61.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	133639	90.73	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	606252	59.23	ng	-0.01
79) Terphenyl-d14	13.06	244	538258	60.72	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.69	163	54763	5.021	ng	99
71) Phenanthrene	11.50	178	136969	9.307	ng	99
72) Anthracene	11.56	178	44134	2.973	ng	98
75) Fluoranthene	12.69	202	106193	7.198	ng	98
78) Pyrene	12.93	202	83937	6.567	ng	97
81) Benzo(a)anthracene	14.12	228	28090	2.831	ng	97
83) Chrysene	14.16	228	24683	2.611	ng	98
88) Benzo(b)fluoranthene	15.20	252	26410m	2.805	ng	
90) Benzo(a)pyrene	15.59	252	20406	2.385	ng	99

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

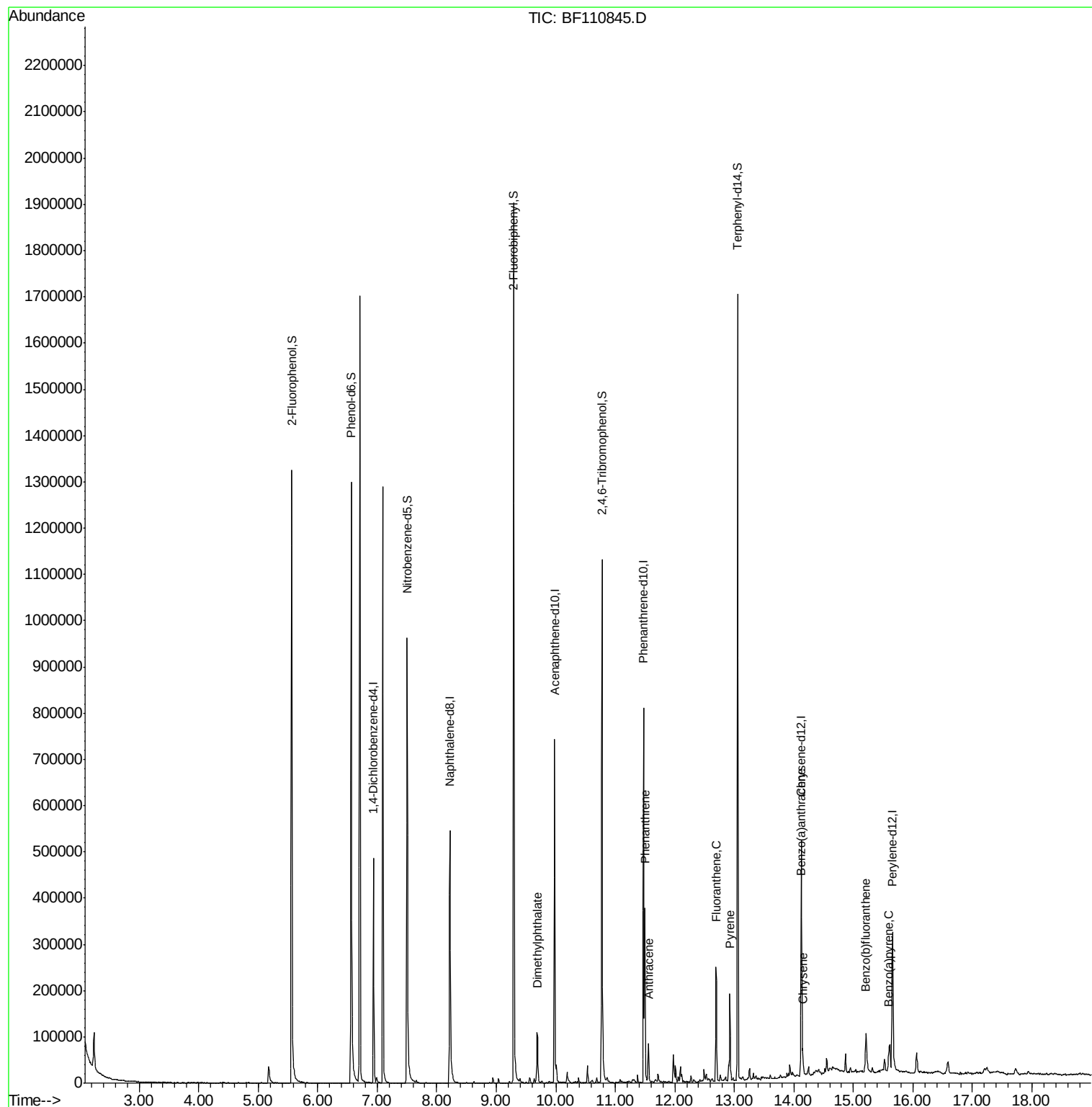
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110845.D
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Operator : JU/SJ
Sample : J5951-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

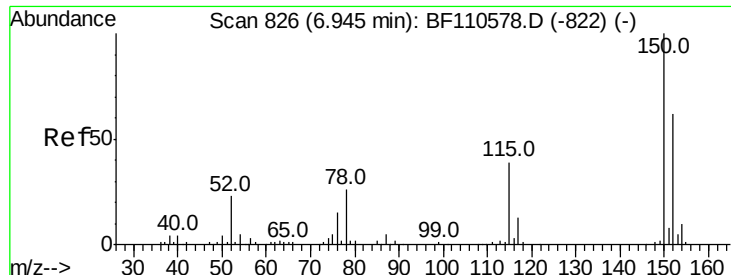
Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

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Quant Time: Nov 19 13:14:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

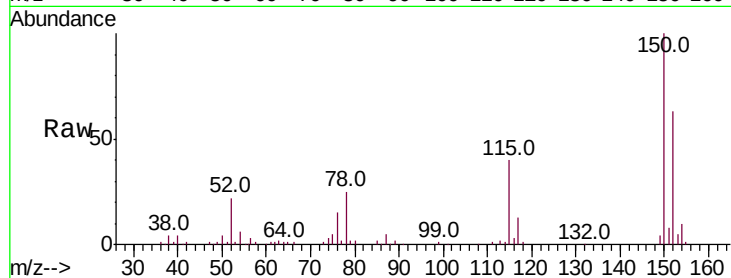
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	62.8	49.1	73.7

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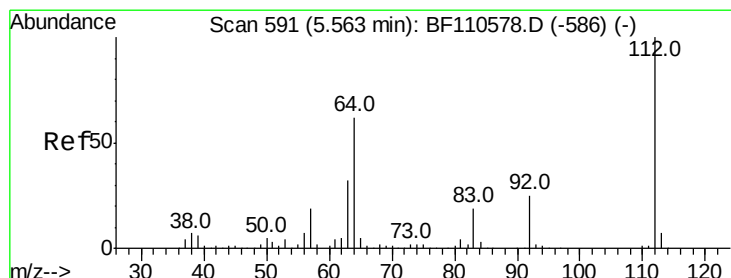
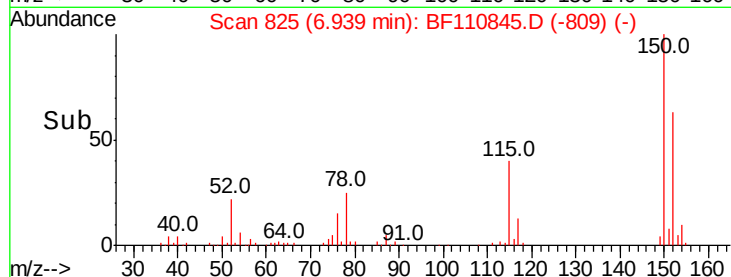
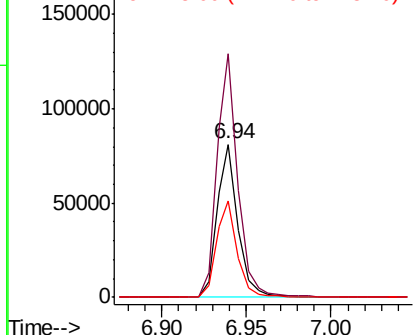


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

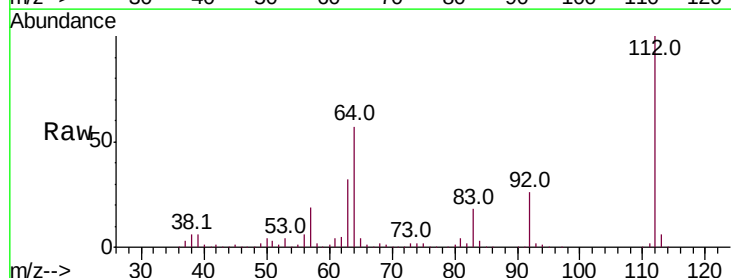
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.865 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	31.5	23.7	35.5

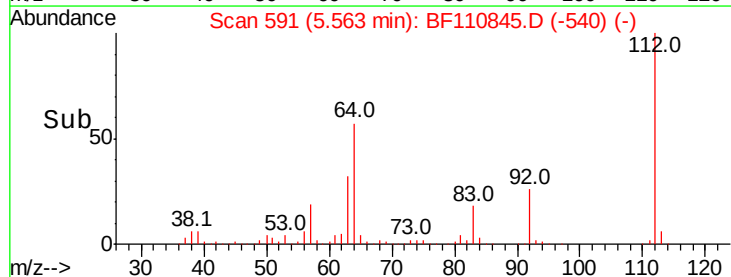
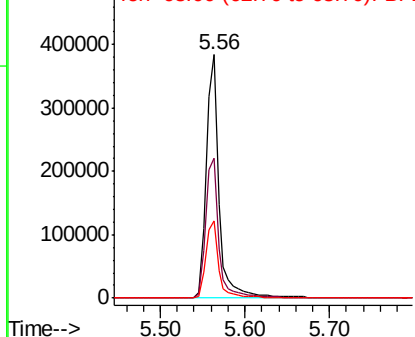


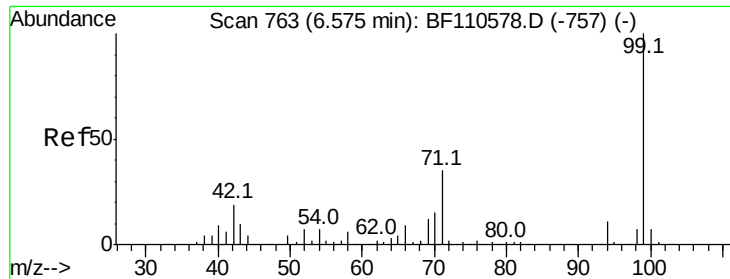
Abundance

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: 93.004 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110845.D

Acq: 19 Nov 2018 11:44

Instrument :

BNA_F

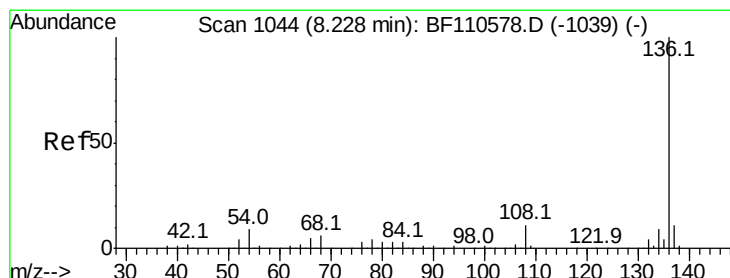
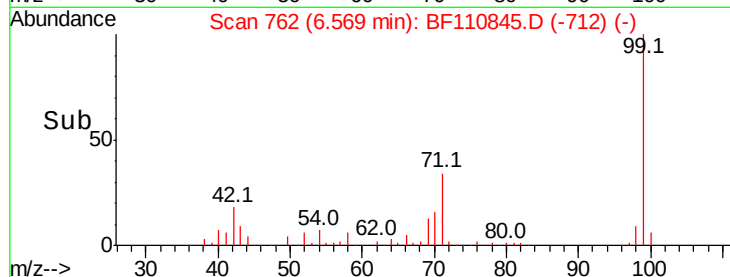
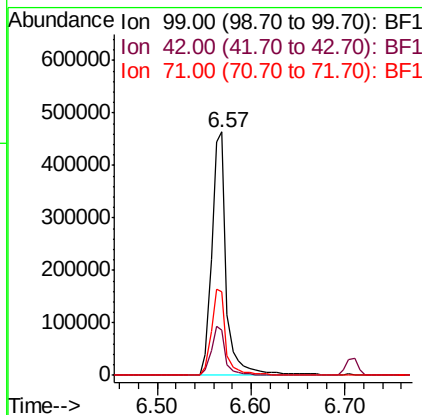
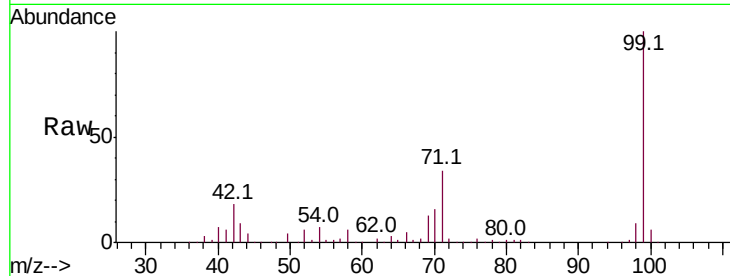
ClientSampleId :

FDSB-02(21-23)

Tot Ion:	99	Resp:	512403
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.8	23.6
71	34.1	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

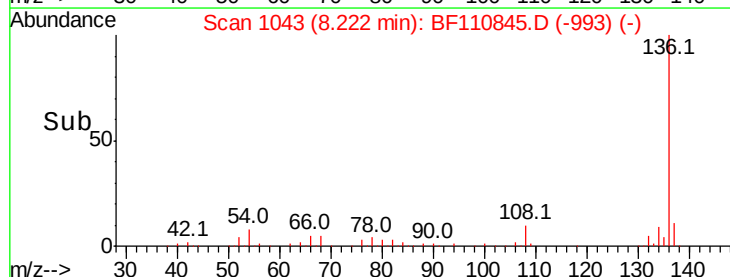
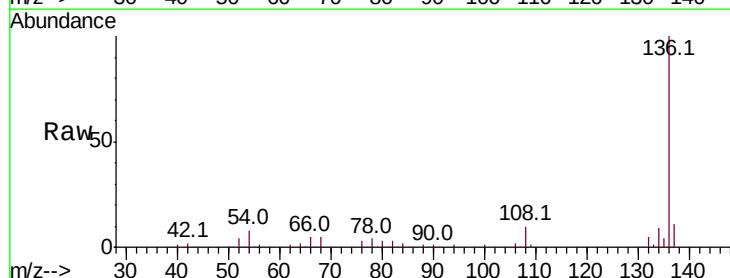
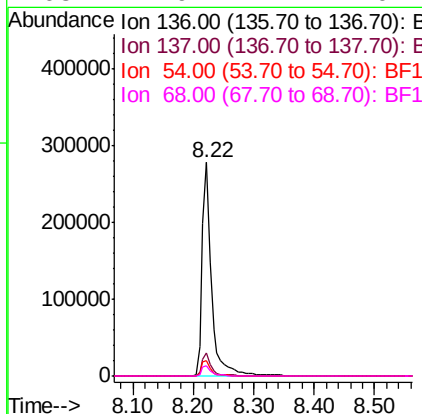
RT: 8.22 min Scan# 1043

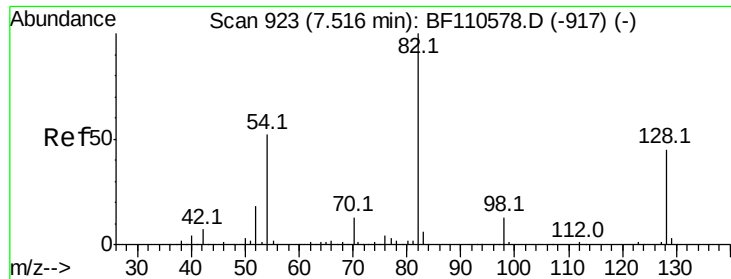
Delta R.T. -0.01 min

Lab File: BF110845.D

Acq: 19 Nov 2018 11:44

Tgt Ion:	136	Resp:	303448
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	7.5	5.4	8.2
68	4.9	4.2	6.2





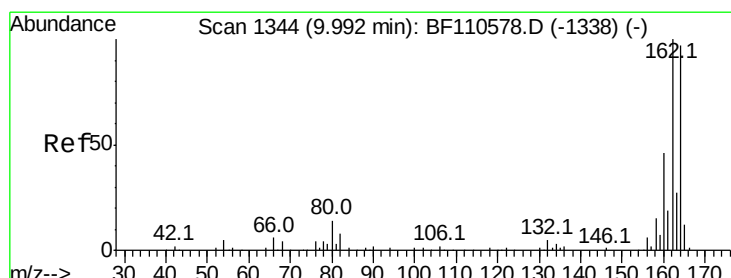
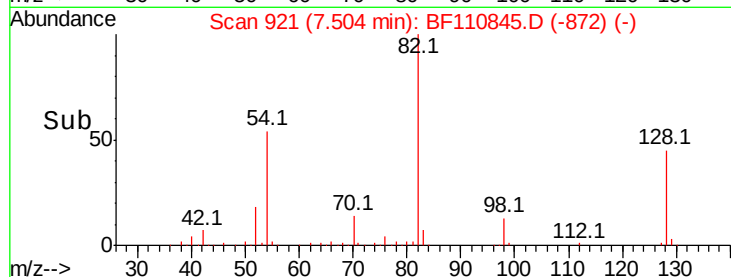
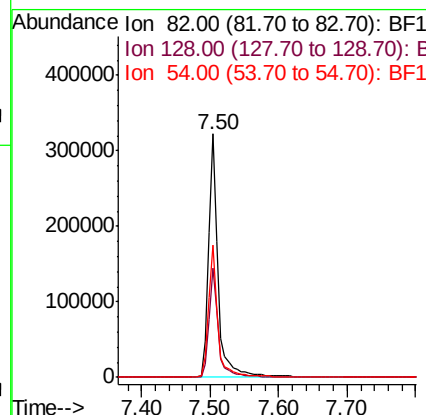
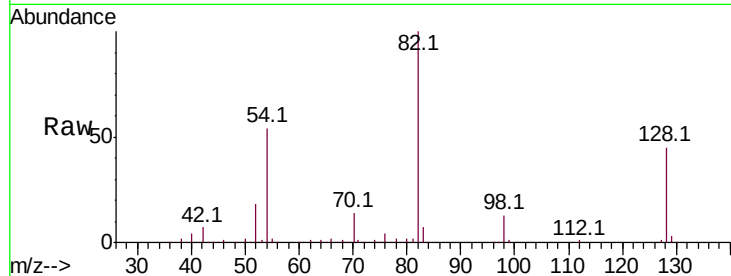
#23
Nitrobenzene-d5
Concen: 61.817 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	54.1	38.6	58.0

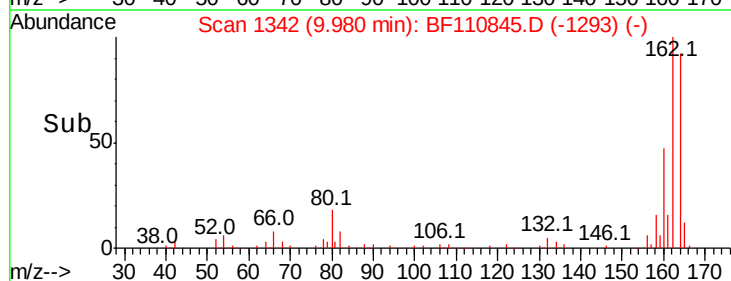
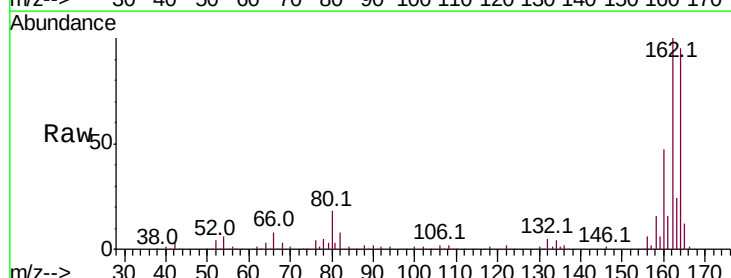
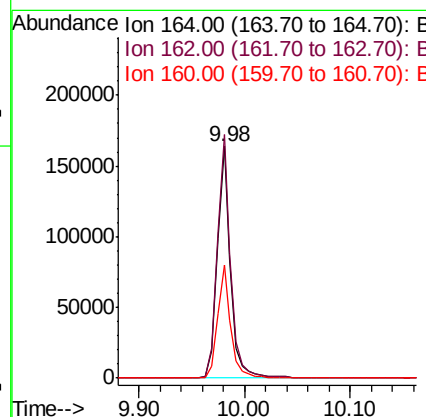
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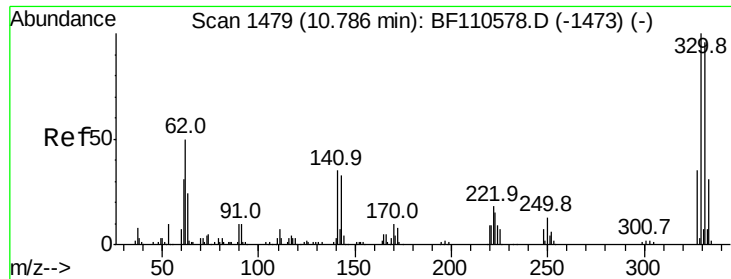
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	48.9	37.0	55.6





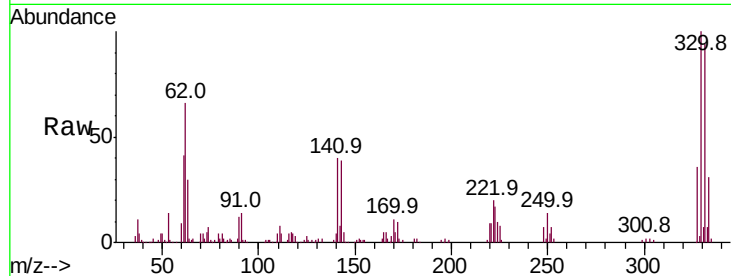
#42
 2,4,6-Tribromophenol
 Concen: 90.730 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110845.D
 Acq: 19 Nov 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(21-23)

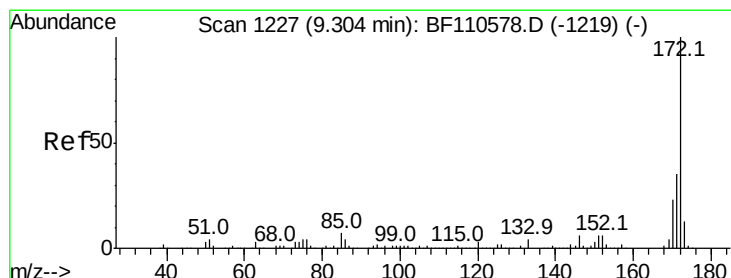
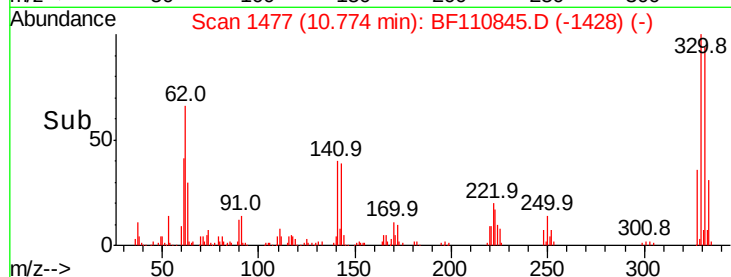
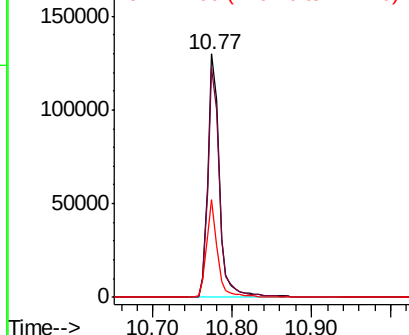
Tot Ion	Ratio	Resp	Lower	Upper
330	100	133639		
332	95.2	77.1	115.7	
141	38.0	27.0	40.4	

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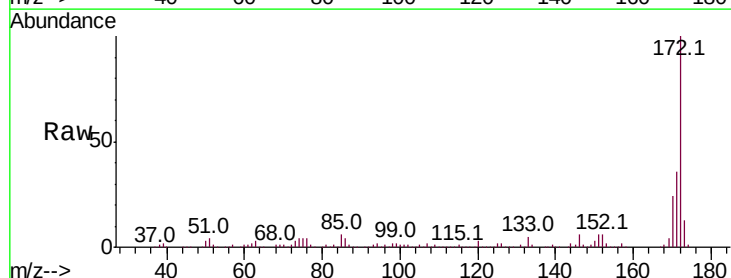


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

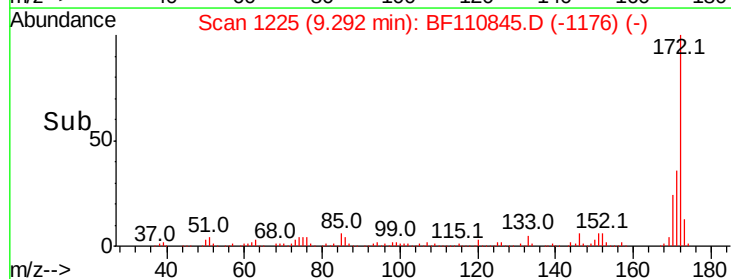
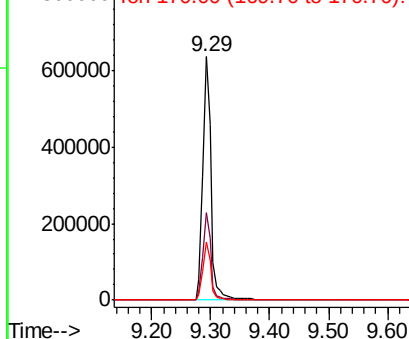


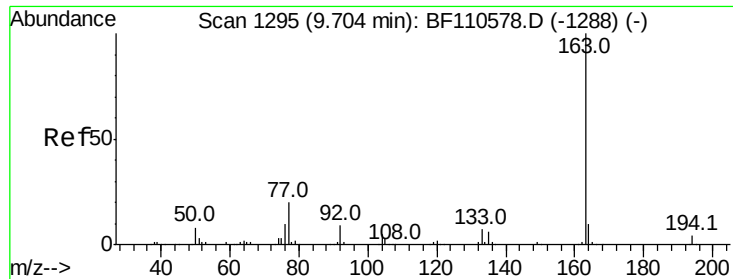
#45
 2-Fluorobiphenyl
 Concen: 59.232 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110845.D
 Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	606252		
171	36.2	28.6	43.0	
170	24.0	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





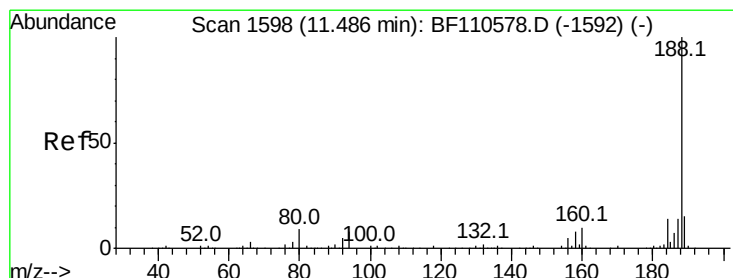
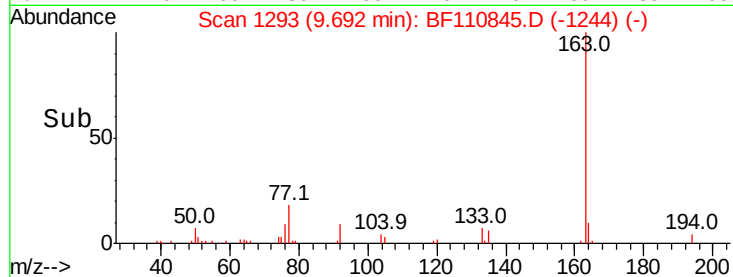
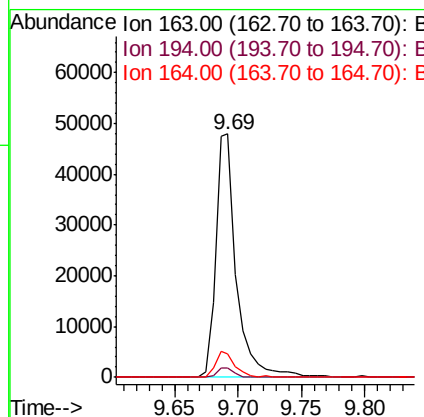
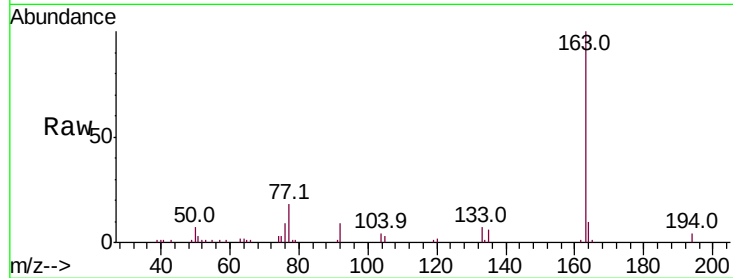
#50
Dimethylphthalate
Concen: 5.021 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	8.1	12.1

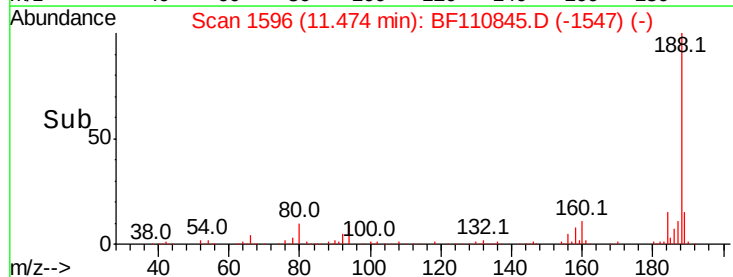
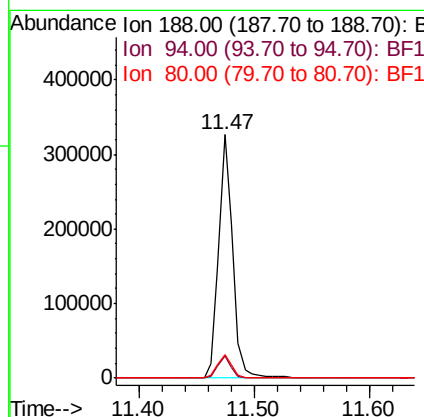
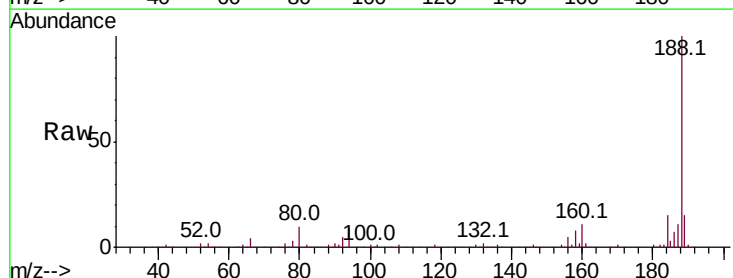
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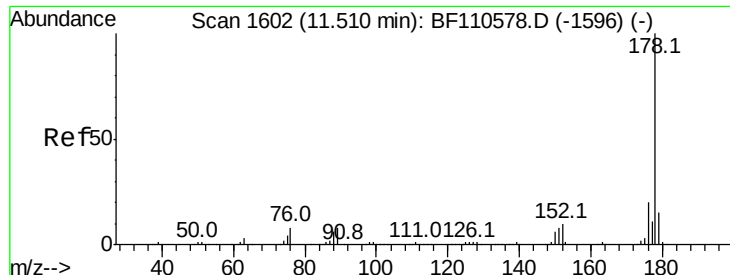
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.9	11.9





#71

Phenanthrene

Concen: 9.307 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF110845.D

Acq: 19 Nov 2018 11:44

Instrument :

BNA_F

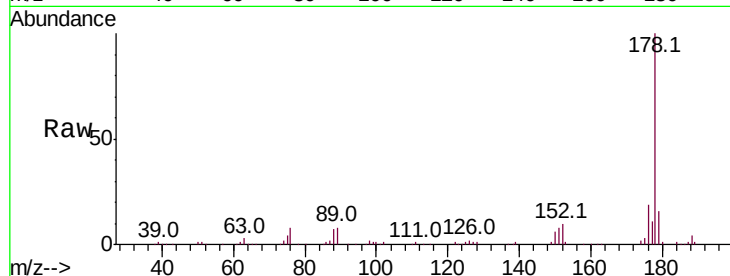
ClientSampleId :

FDSB-02(21-23)

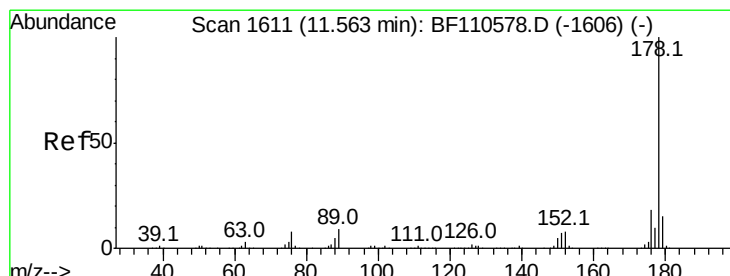
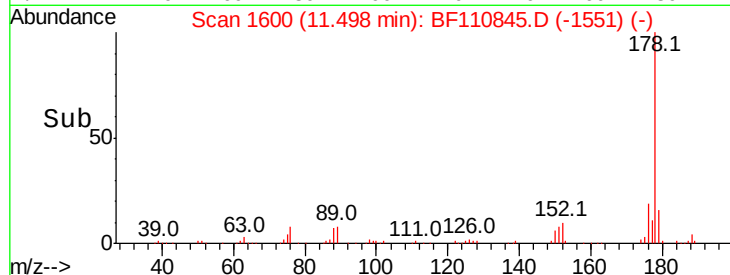
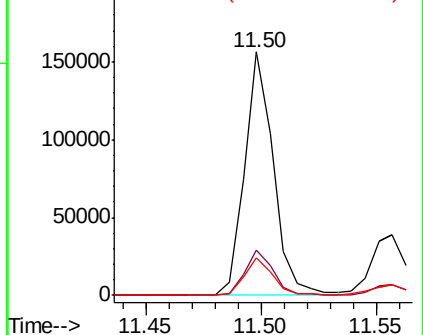
Tot Ion:178	Resp:	136969
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.5 23.3
179	15.6	12.5 18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.973 ng

RT: 11.56 min Scan# 1610

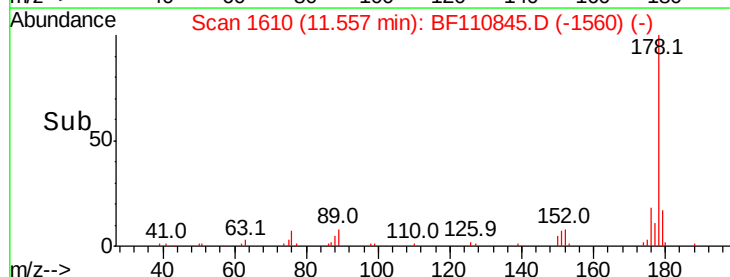
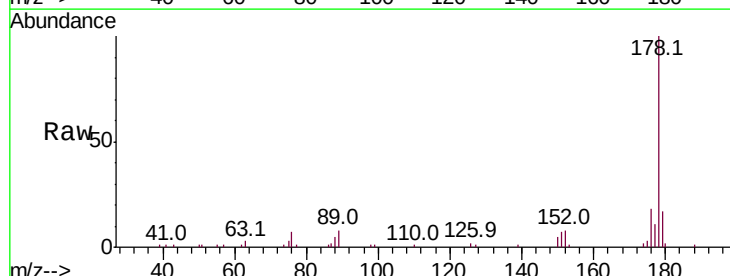
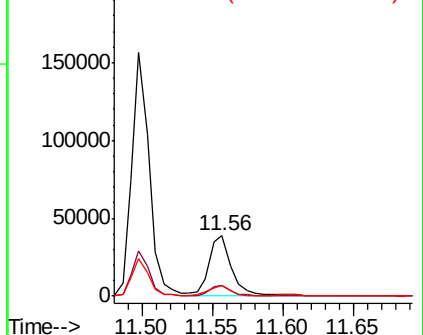
Delta R.T. -0.01 min

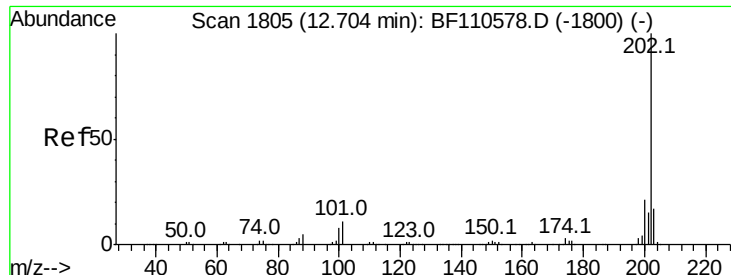
Lab File: BF110845.D

Acq: 19 Nov 2018 11:44

Tgt Ion:178	Resp:	44134
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.2
179	16.8	12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.198 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF110845.D

Acq: 19 Nov 2018 11:44

Instrument :

BNA_F

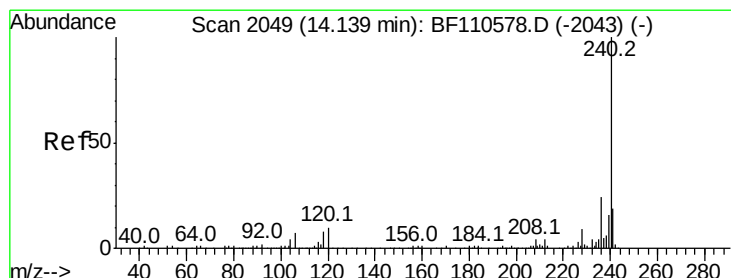
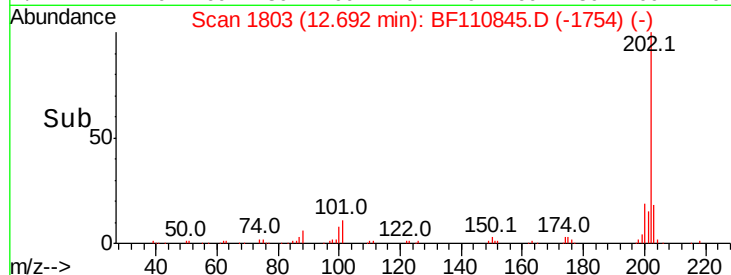
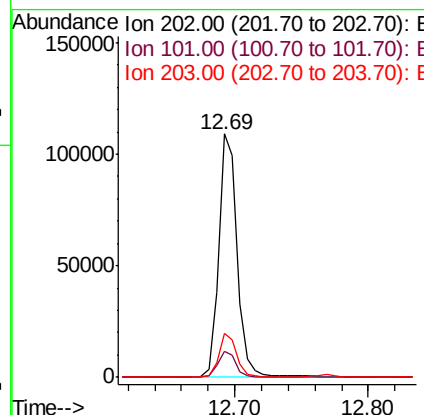
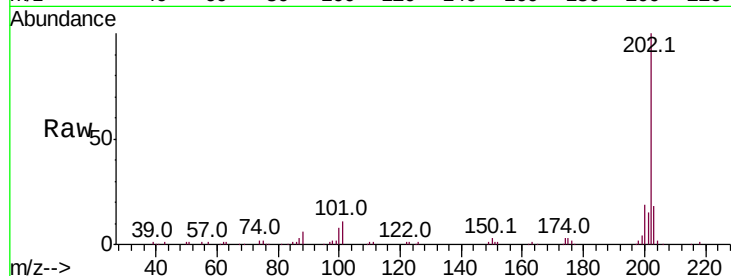
ClientSampleId :

FDSB-02(21-23)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	106193		
101	10.6	0.0	31.4	
203	18.2	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

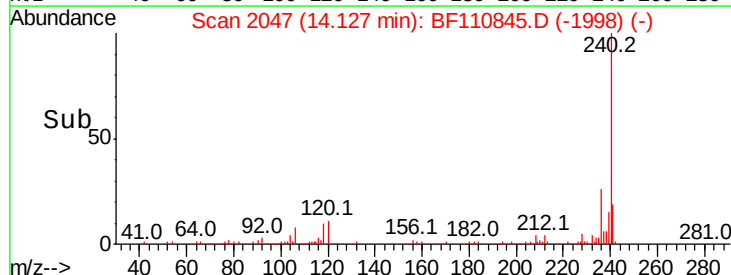
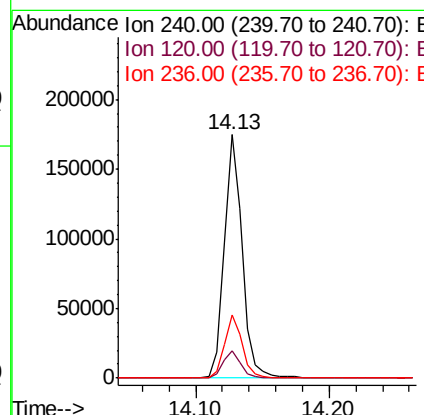
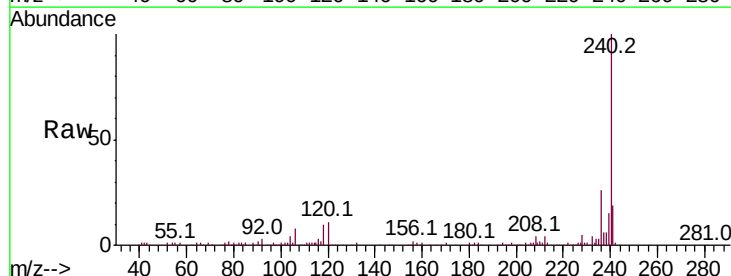
RT: 14.13 min Scan# 2047

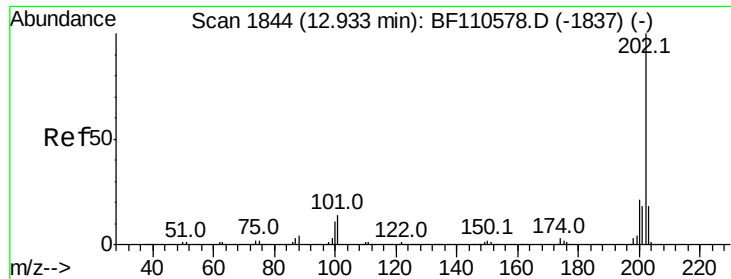
Delta R.T. -0.01 min

Lab File: BF110845.D

Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166009		
120	11.4	8.3	12.5	
236	26.0	21.2	31.8	





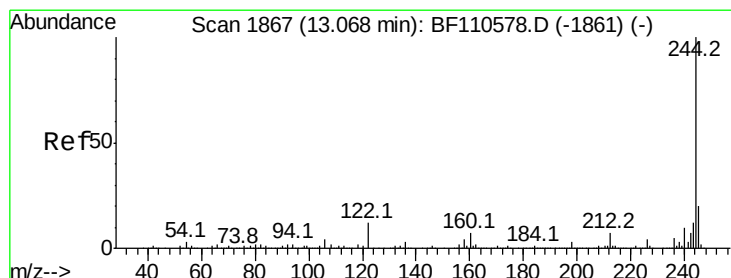
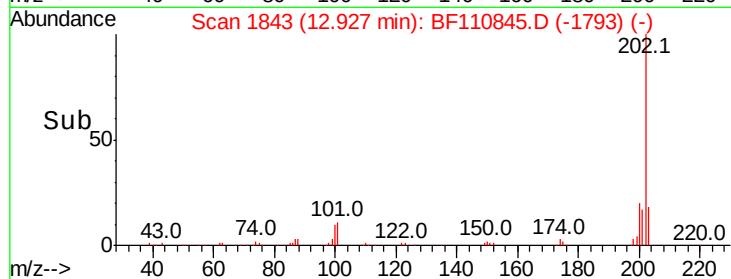
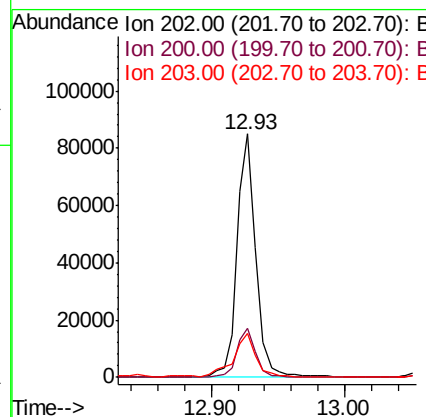
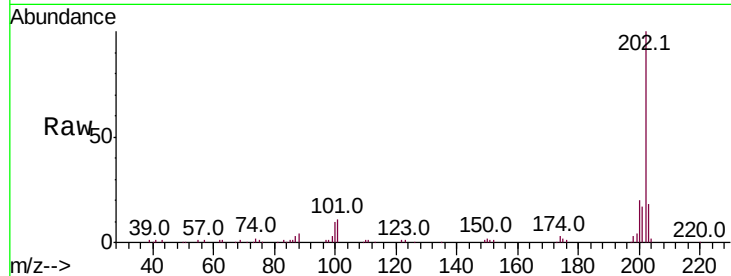
#78
Pvrene
Concen: 6.567 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	18.0	14.2	21.4

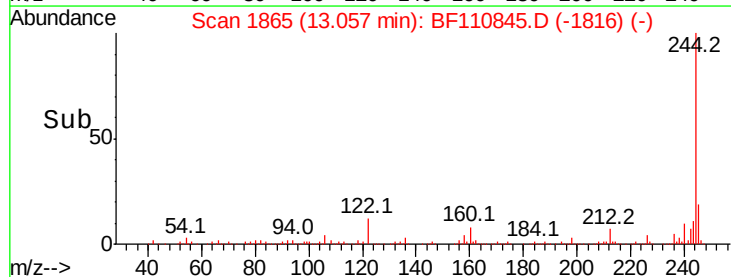
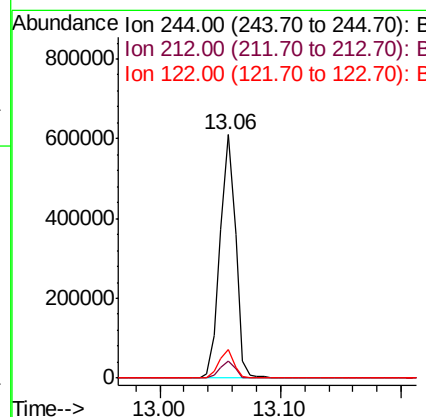
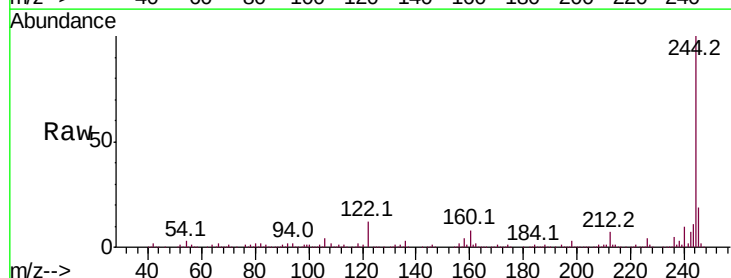
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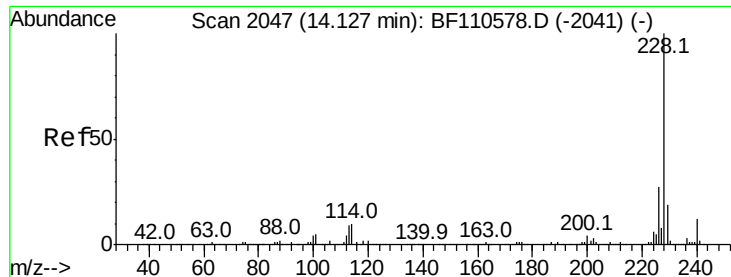
Sohil
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#79
Terphenyl-d14
Concen: 60.721 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	8.7	13.1





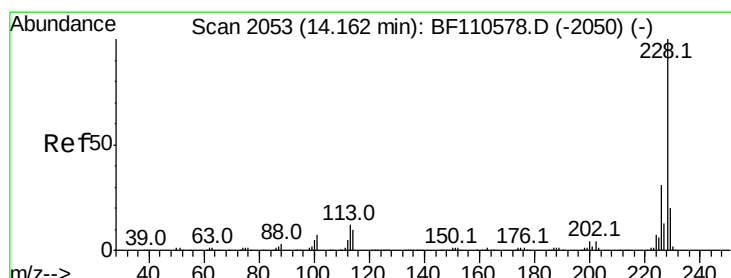
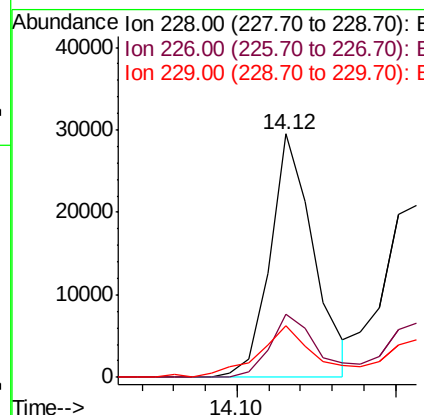
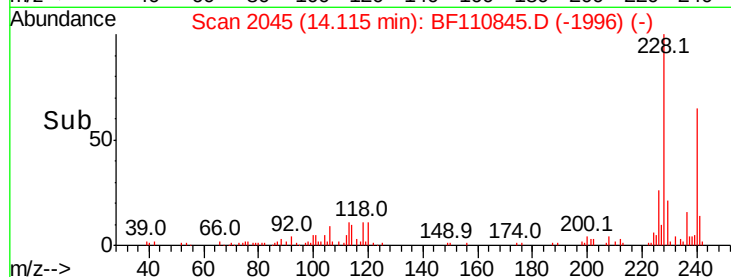
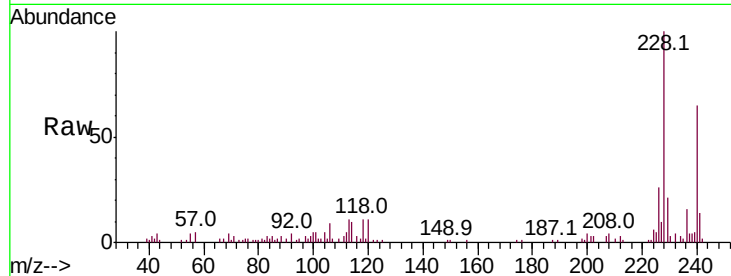
#81
Benzo(a)anthracene
Concen: 2.831 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.1	33.1
229	21.2	15.6	23.4

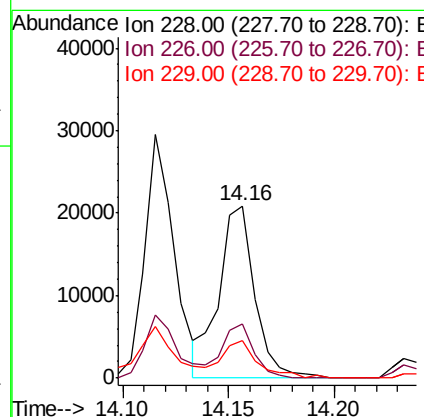
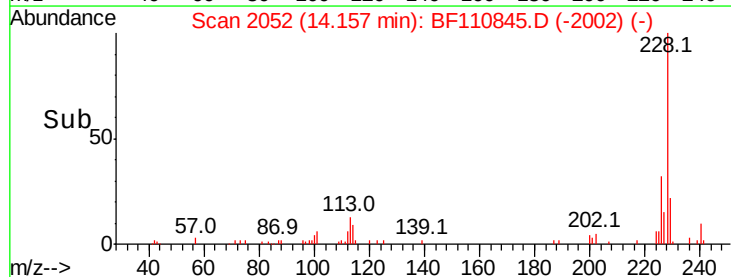
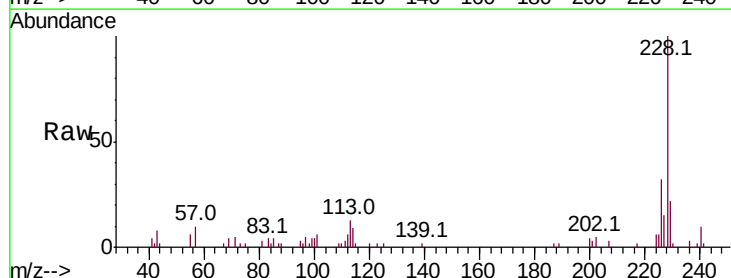
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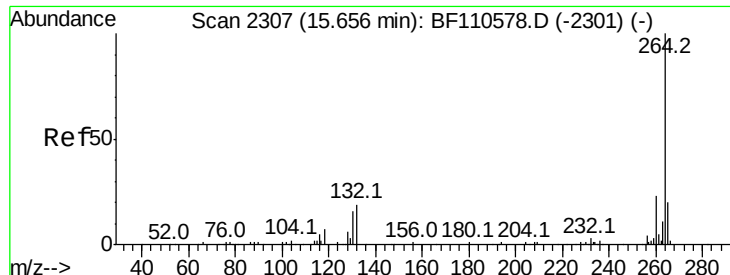
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#83
Chrysene
Concen: 2.611 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	21.7	15.9	23.9





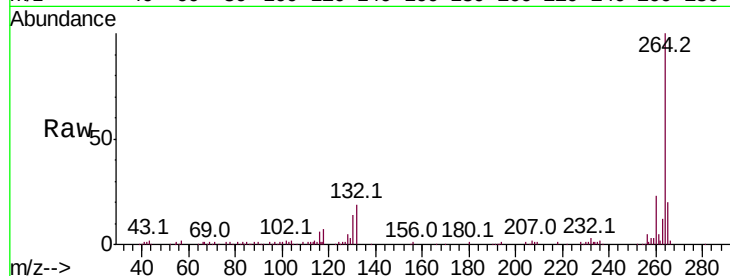
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.4	16.7	25.1

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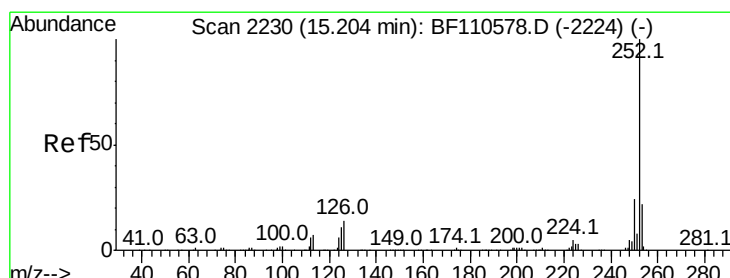
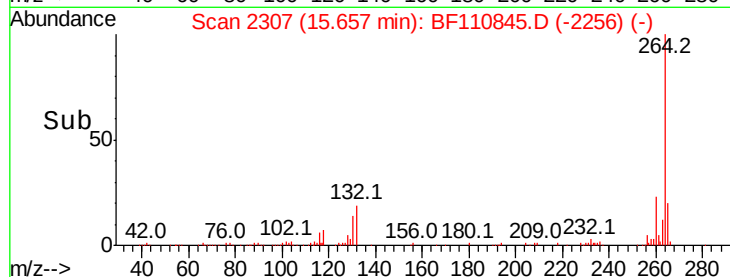
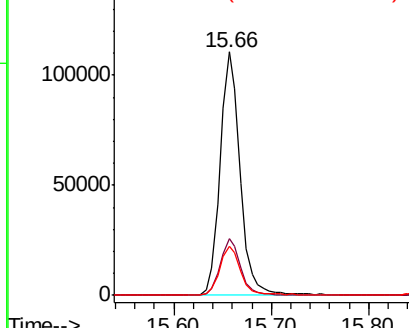


Abundance

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



#88
Benzo(b)fluoranthene
Concen: 2.805 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

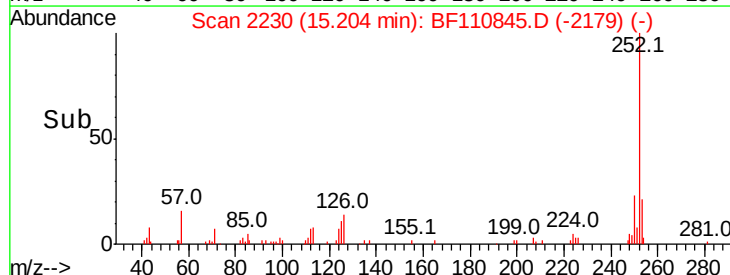
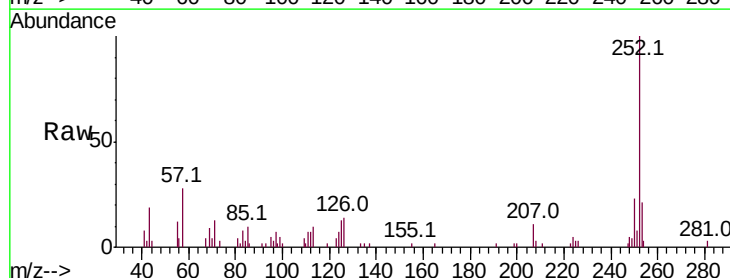
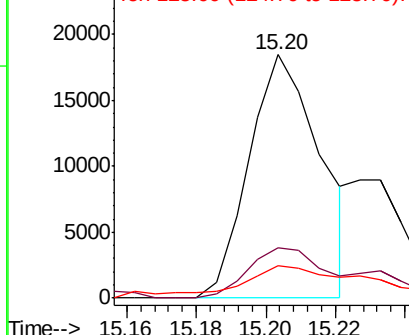
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	13.3	8.2	12.4#

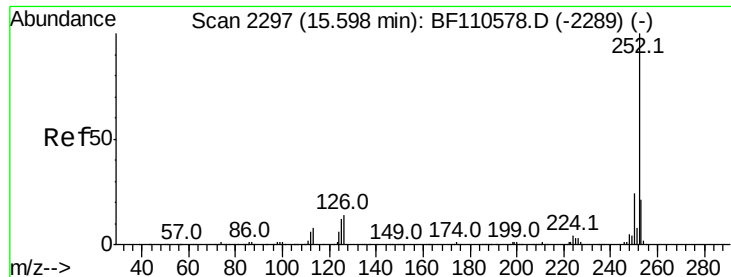
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
Benzo(a)pyrene
Concen: 2.385 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.2	9.0	13.6

Manual Integrations
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Sohil
11/20/2018 11:07:15 AM

