

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111159.D
 Acq On : 7 Dec 2018 00:55
 Operator : JU/SJ
 Sample : J6188-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-120418-A

Manual Integrations
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Quant Time: Dec 07 02:49:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	518699	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2043129	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	954200	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1386310	20.00	ng	0.00
76) Chrysene-d12	13.96	240	963732	20.00	ng	0.00
87) Perylene-d12	15.39	264	810537	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2938596	88.40	ng	0.00
7) Phenol-d6	6.43	99	3788247	88.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	2386430	69.15	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	683999	90.18	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3456638	63.40	ng	0.00
79) Terphenyl-d14	12.91	244	2241680	47.64	ng	0.00
Target Compounds						
10) Phenol	6.45	94	284641	6.097	ng	97
50) Dimethylphthalate	9.56	163	651779	9.815	ng	# 95
71) Phenanthrene	11.35	178	191952	2.879	ng	96
75) Fluoranthene	12.53	202	336848	5.162	ng	93
78) Pyrene	12.76	202	309540	4.123	ng	96
81) Benzo(a)anthracene	13.94	228	183857	3.256	ng	97
83) Chrysene	13.98	228	152708	2.724	ng	94
88) Benzo(b)fluoranthene	14.98	252	208496m	4.540	ng	
90) Benzo(a)pyrene	15.33	252	127800	3.034	ng	# 93

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

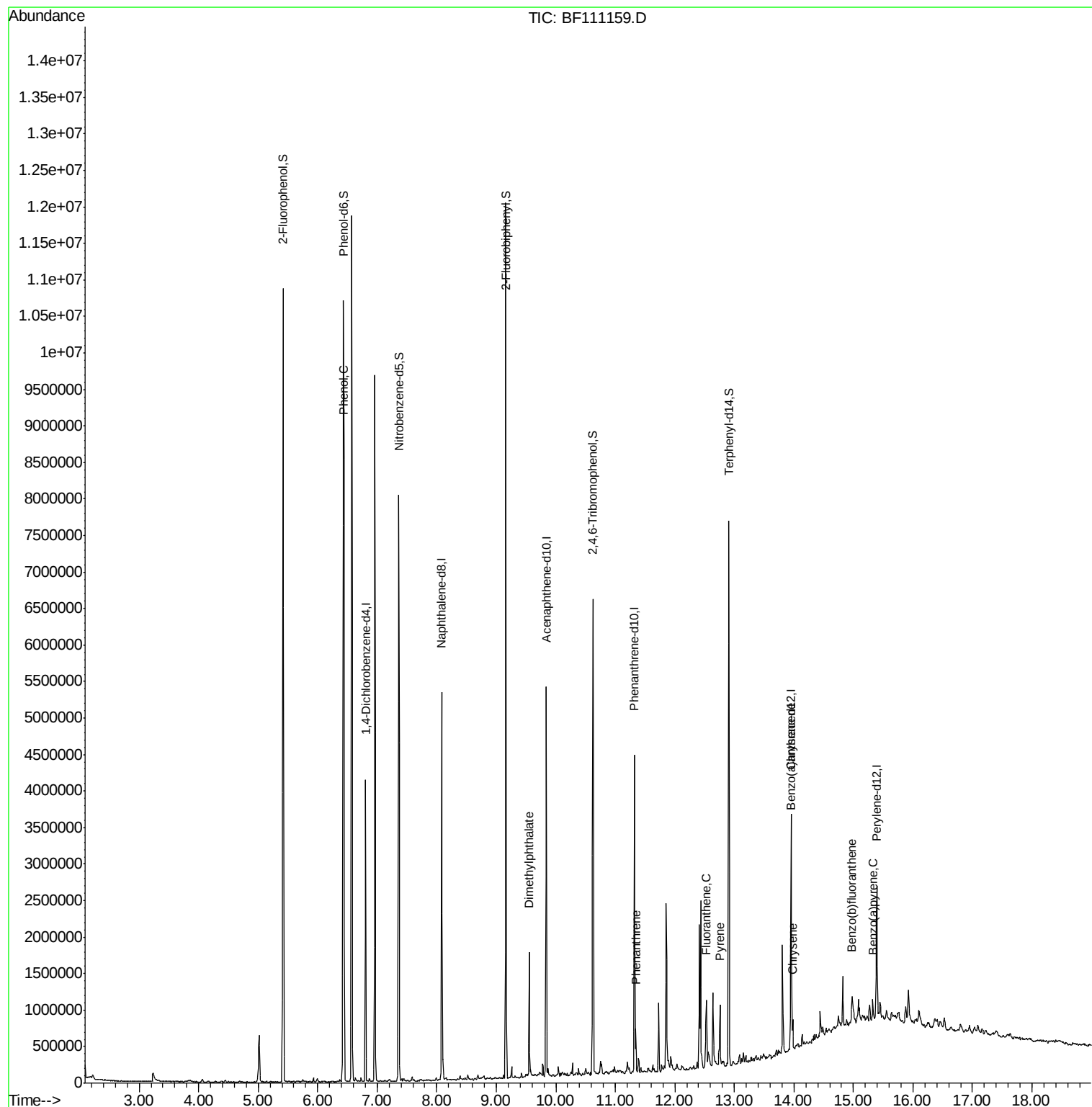
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111159.D
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Operator : JU/SJ
Sample : J6188-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

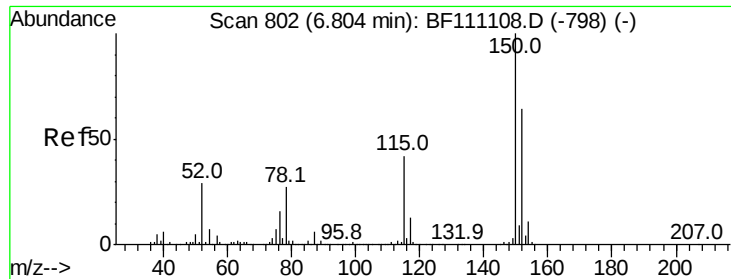
Instrument :
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ClientSampleId :
BU-03-120418-A

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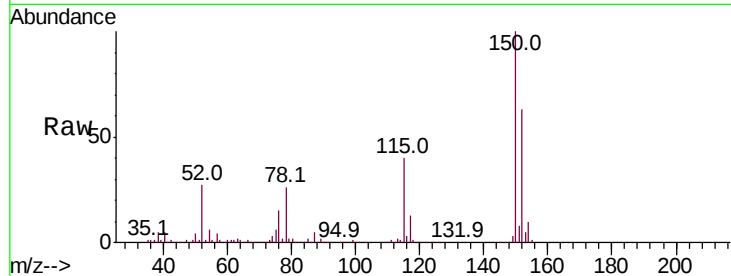
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF111159.D
 Acq: 7 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	187.0
115	64.2	52.2	78.2

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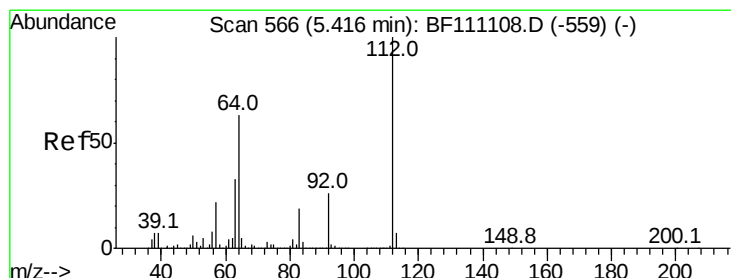
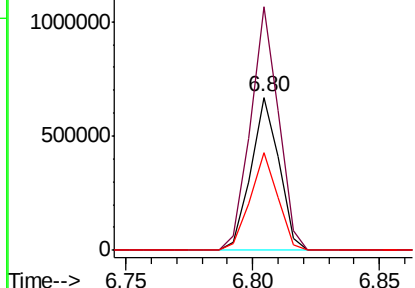
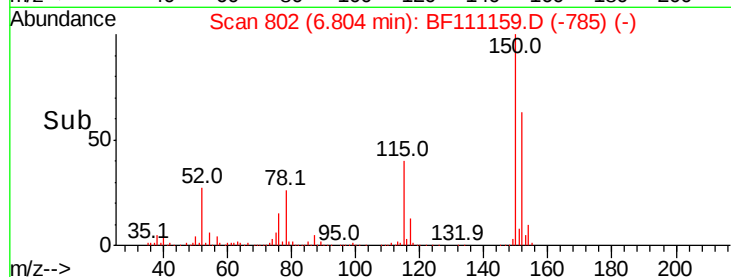


Abundance

Ion 152.00 (151.70 to 152.70): E

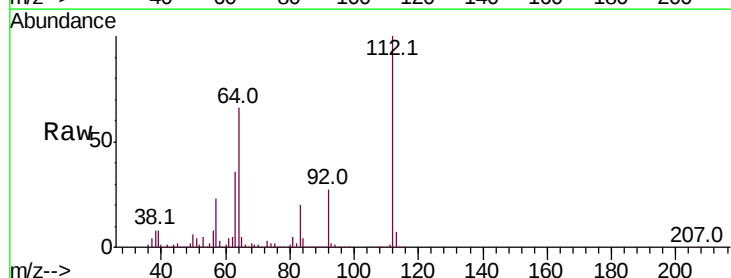
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 88.405 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111159.D
 Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	50.2	75.4
63	36.0	26.6	39.8

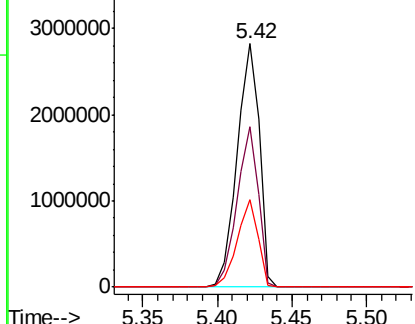
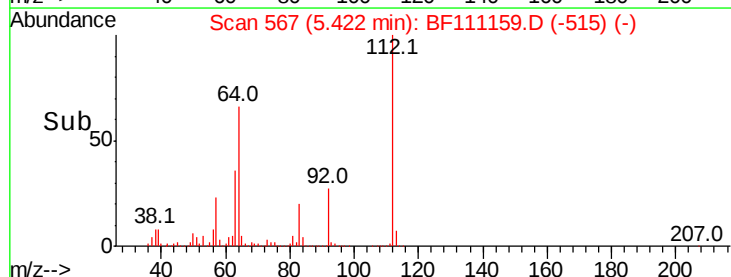


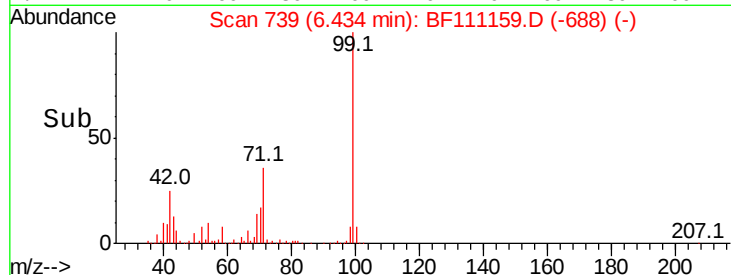
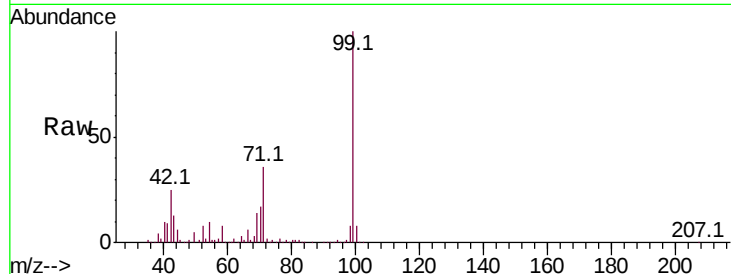
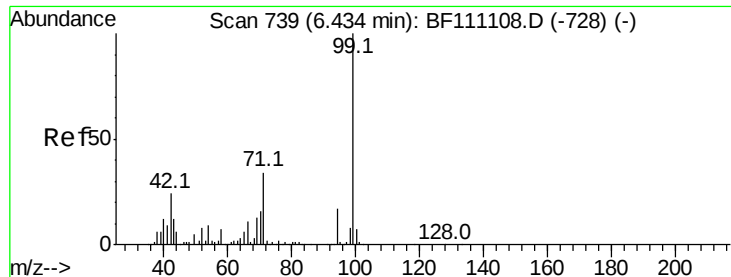
Abundance

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: 88.471 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

Tot Ion: 99 Resp: 3788247

Ion Ratio Lower Upper

99 100

42 25.2 19.3 28.9

71 36.0 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

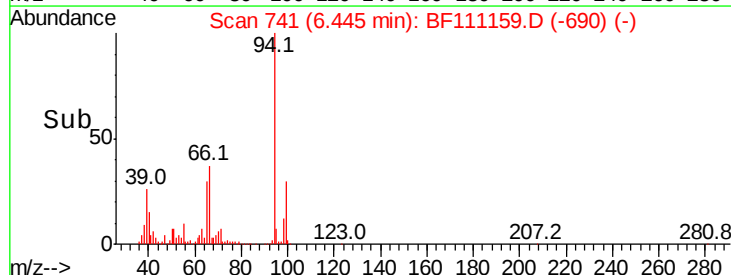
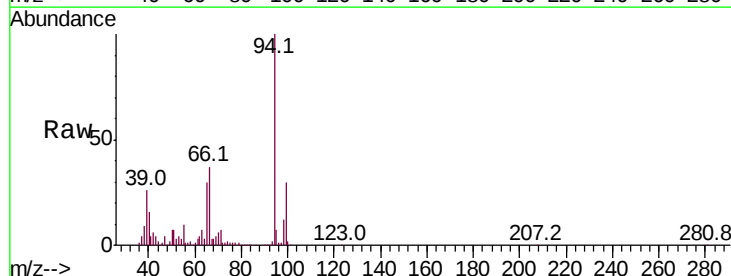
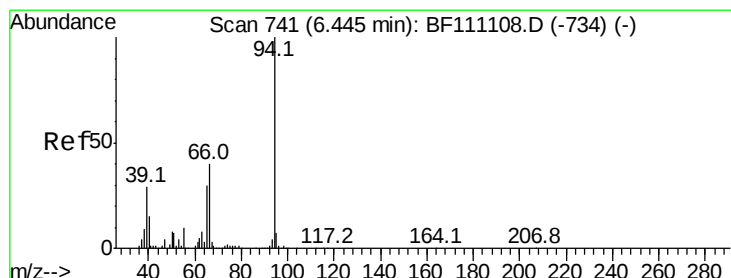
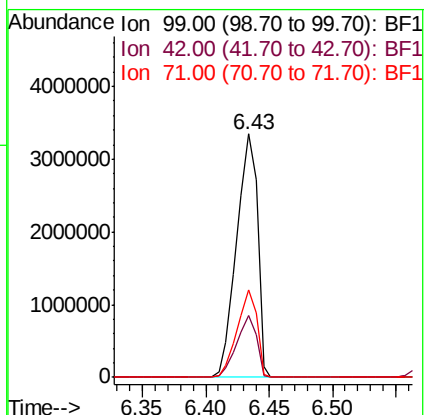
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#10

Phenol

Concen: 6.097 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

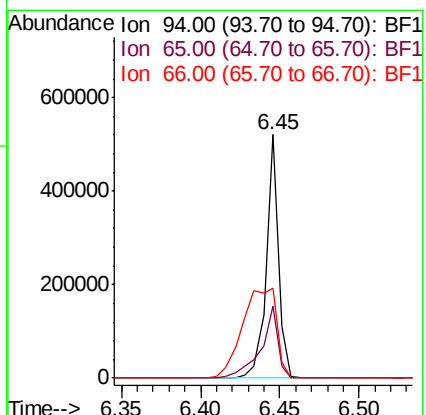
Tgt Ion: 94 Resp: 284641

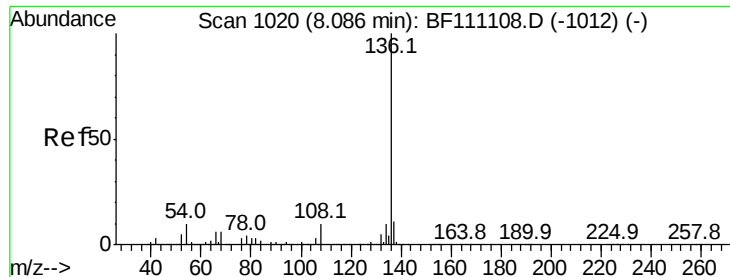
Ion Ratio Lower Upper

94 100

65 29.6 10.5 50.5

66 37.1 19.8 59.8





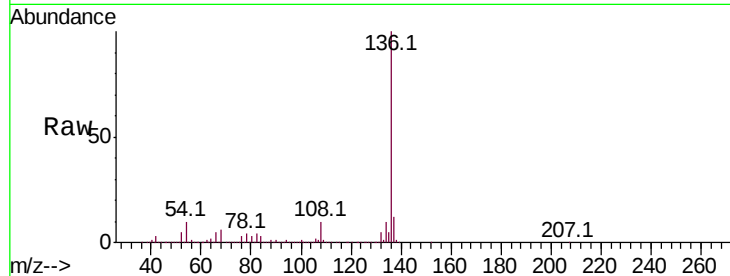
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
BU-03-120418-A

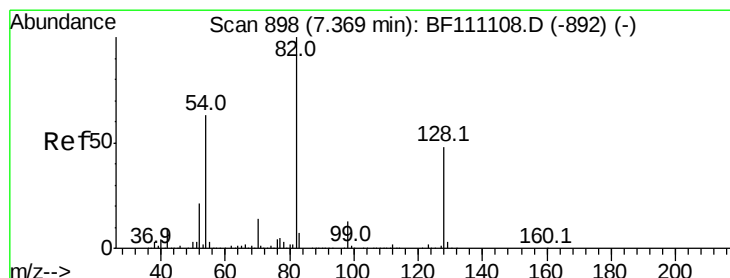
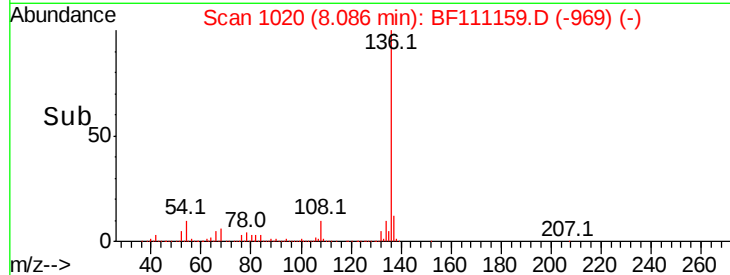
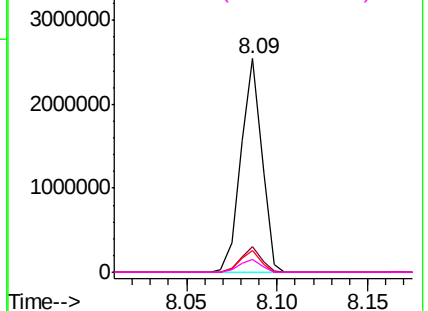
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	10.0	8.4	12.6
68	6.0	5.0	7.4

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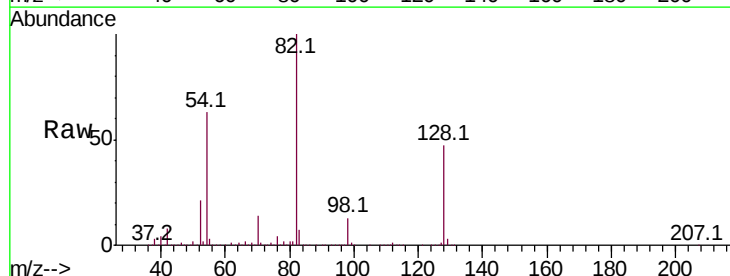


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

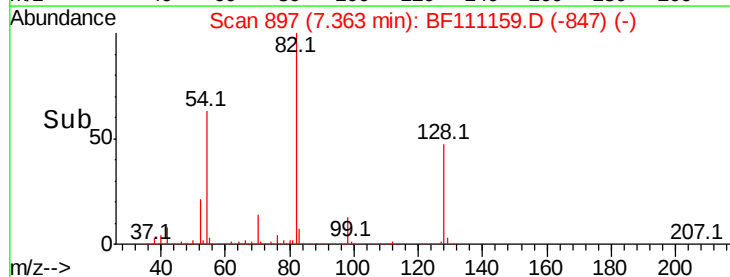
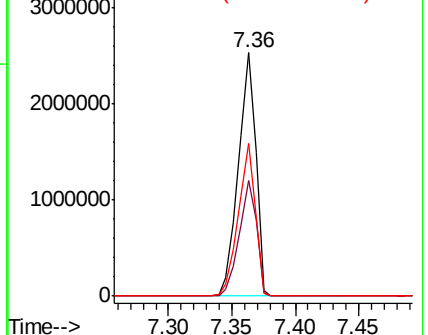


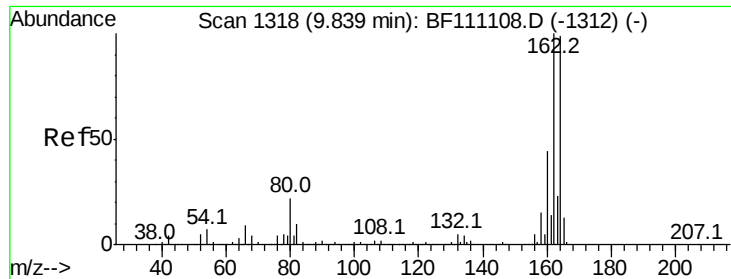
#23
Nitrobenzene-d5
Concen: 69.151 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.1	57.1
54	62.8	50.3	75.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





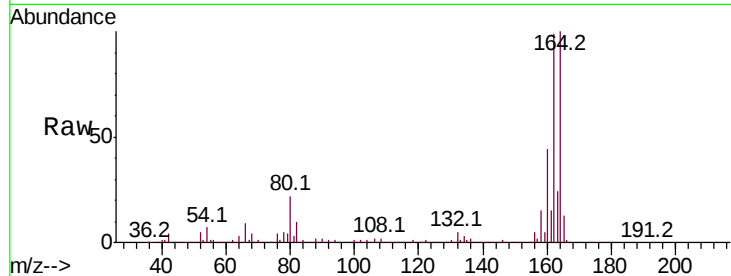
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
BU-03-120418-A

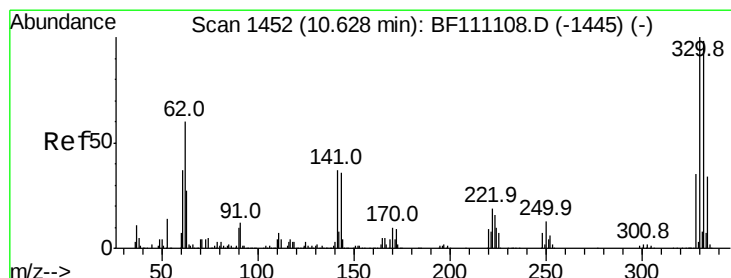
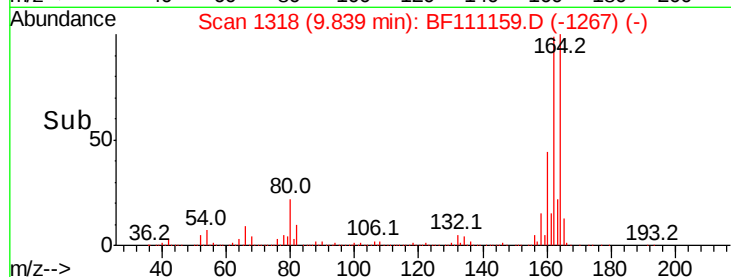
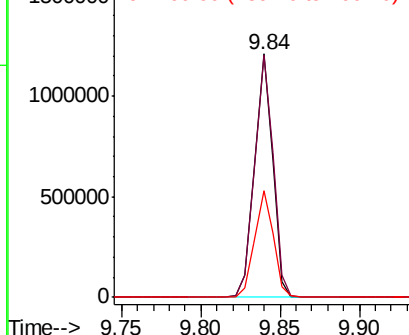
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	43.6	35.5	53.3

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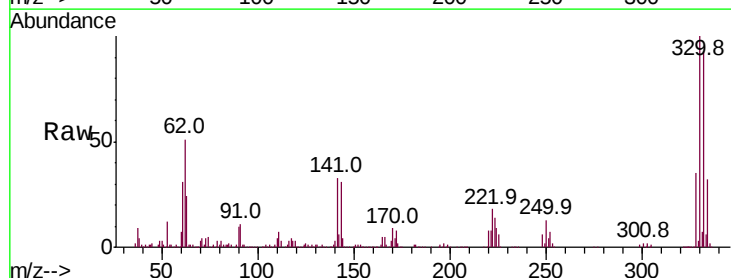


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

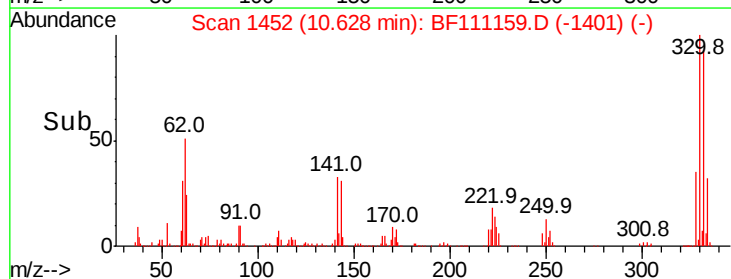
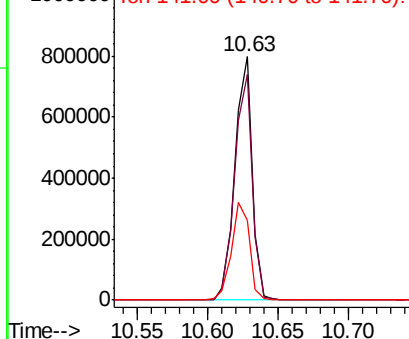


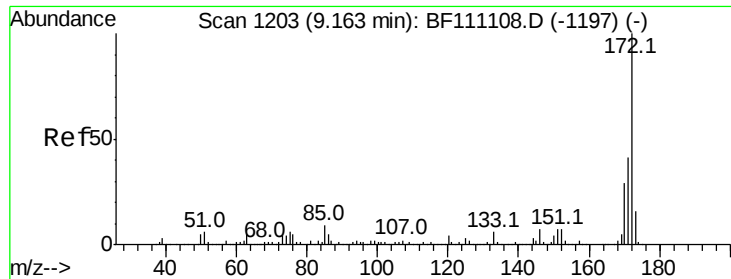
#42
2,4,6-Tribromophenol
Concen: 90.180 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.2	115.8
141	41.9	36.1	54.1



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





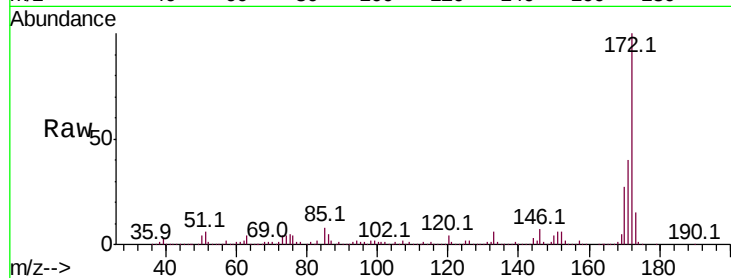
#45
2-Fluorobiphenyl
Concen: 63.403 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
BU-03-120418-A

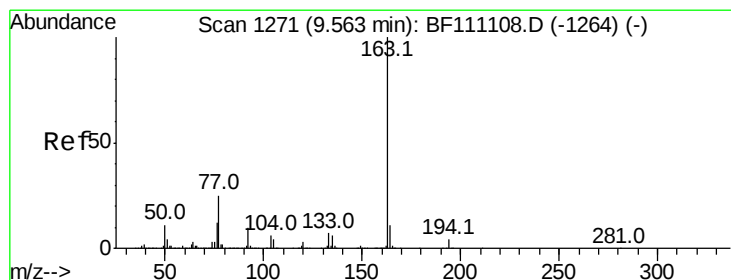
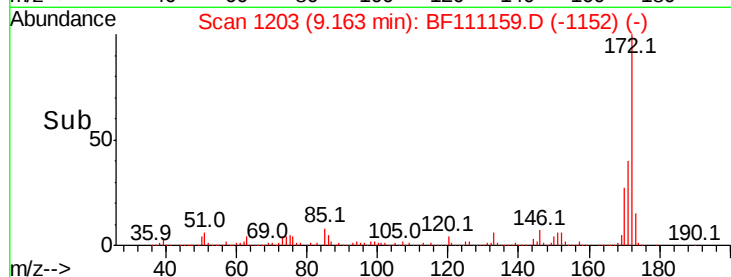
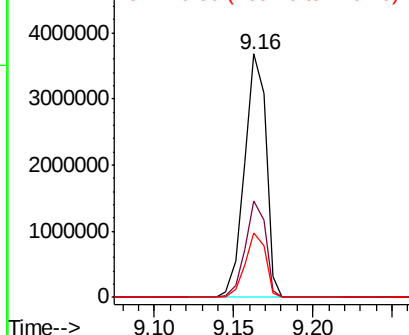
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	33.2	49.8
170	26.7	22.9	34.3

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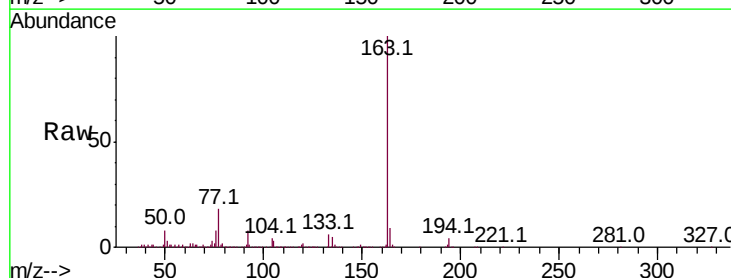


Abundance Ion 172.00 (171.70 to 172.70): E
5000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

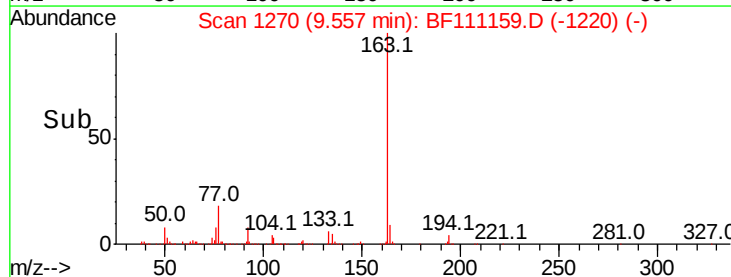
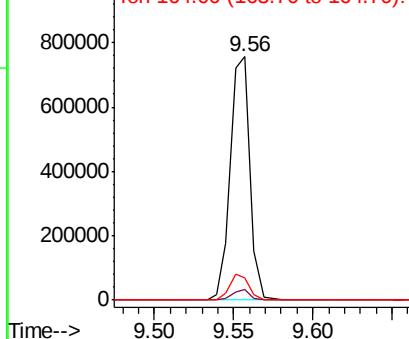


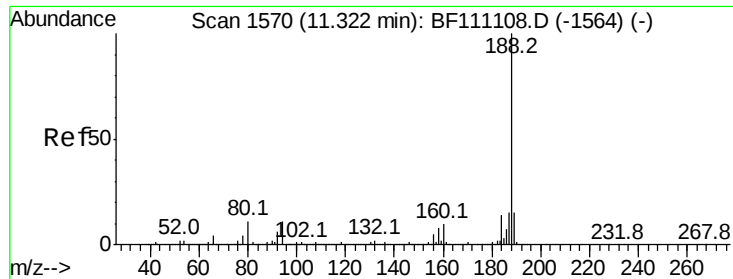
#50
Dimethylphthalate
Concen: 9.815 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.4
164	8.9	8.9	13.3#



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

BU-03-120418-A

Tot Ion:188 Resp: 1386310

Ion Ratio Lower Upper

188 100

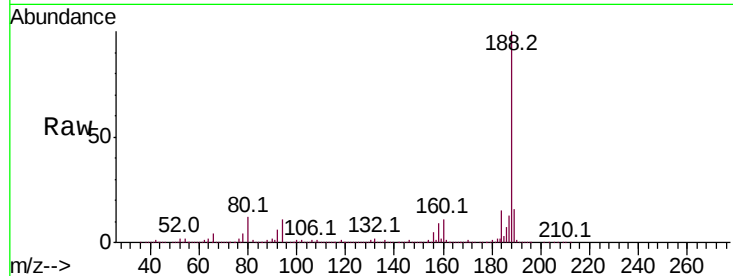
94 11.2 8.5 12.7

80 12.4 9.0 13.6

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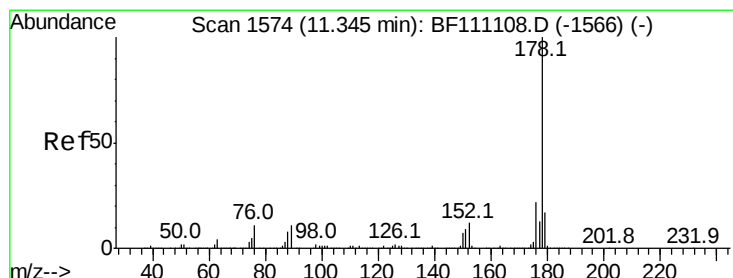
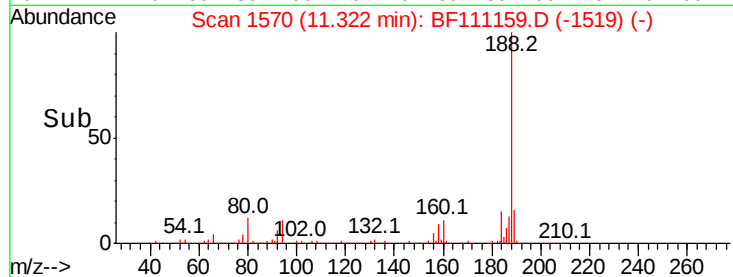
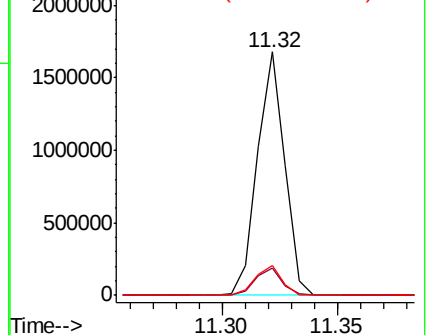
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.879 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

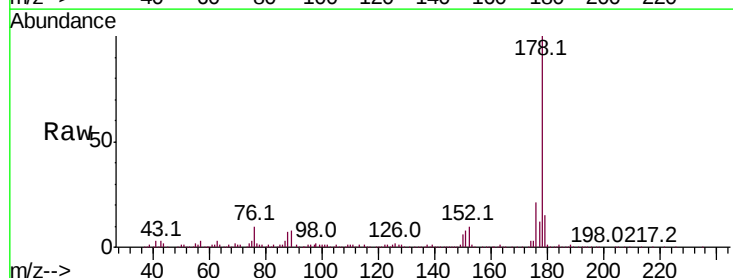
Tgt Ion:178 Resp: 191952

Ion Ratio Lower Upper

178 100

176 20.7 17.7 26.5

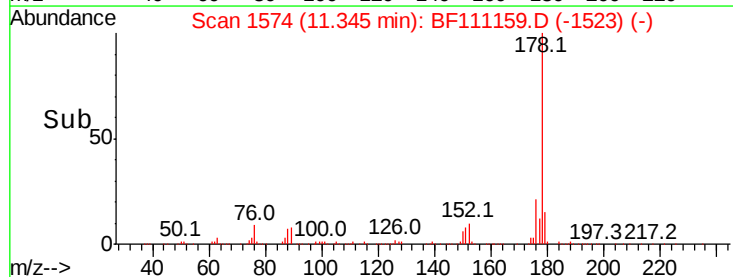
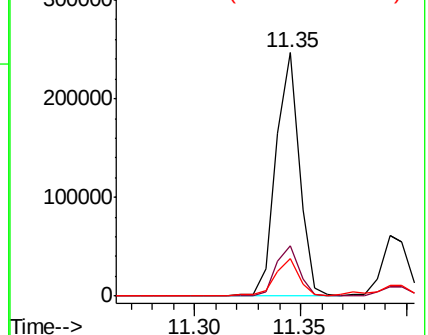
179 15.4 14.0 21.0

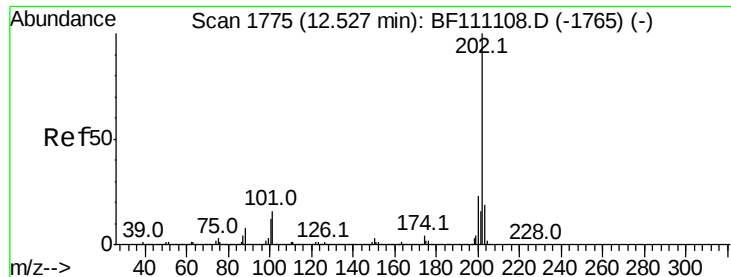


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.162 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

Instrument :

BNA_F

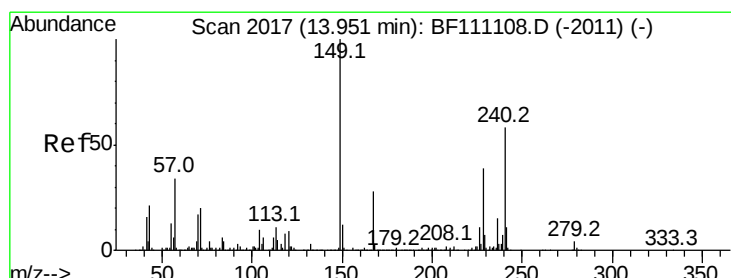
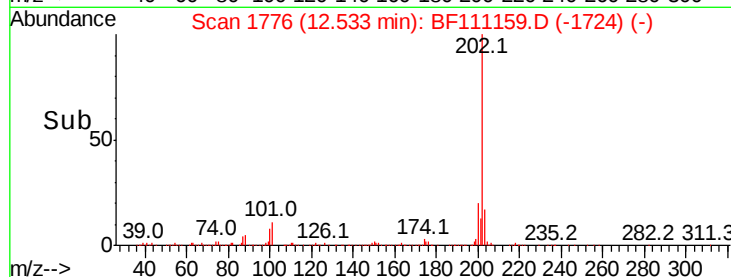
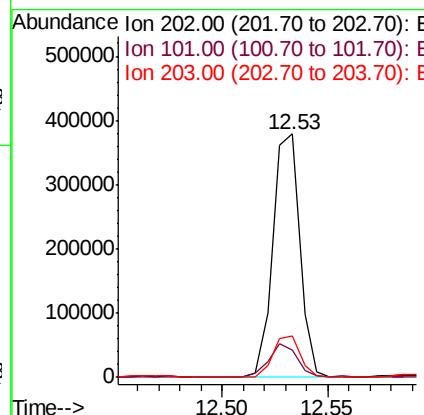
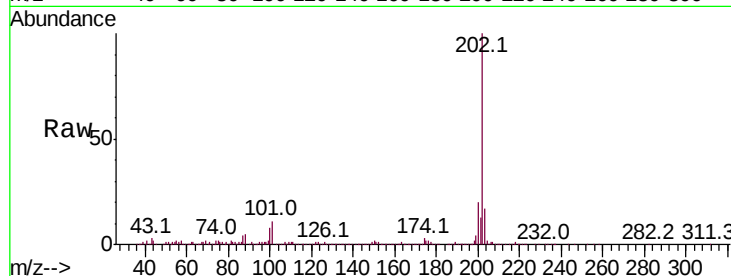
ClientSampleId :

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Tot Ion:	202	Resp:	336848
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	35.8
203	17.1	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

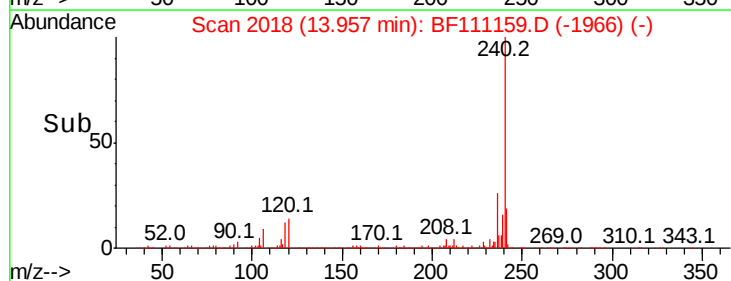
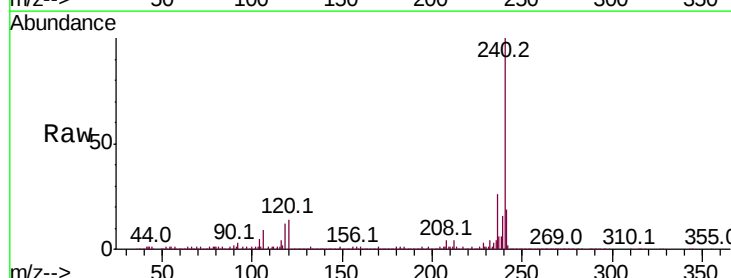
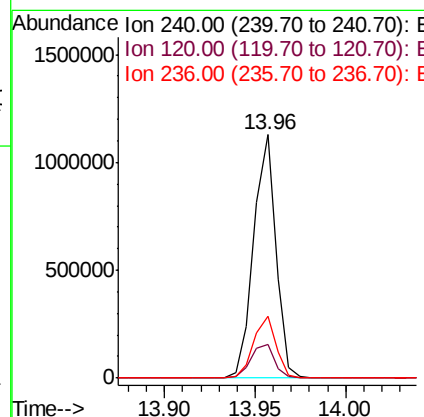
RT: 13.96 min Scan# 2018

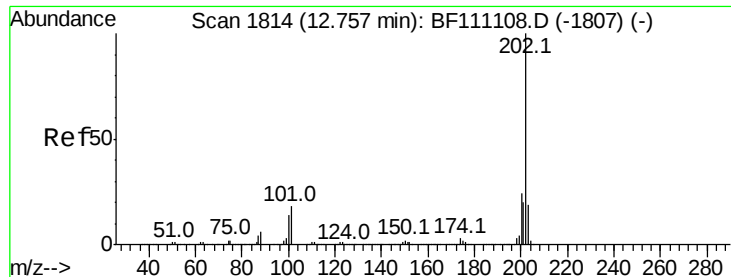
Delta R.T. 0.01 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

Tgt Ion:	240	Resp:	963732
Ion Ratio	Lower	Upper	
240	100		
120	13.7	12.8	19.2
236	25.5	21.1	31.7





#78

Pvrene

Concen: 4.123 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111159.D

Acq: 7 Dec 2018 00:55

Instrument :

BNA_F

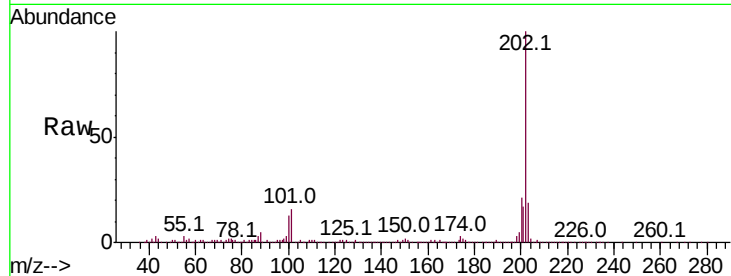
ClientSampleId :

BU-03-120418-A

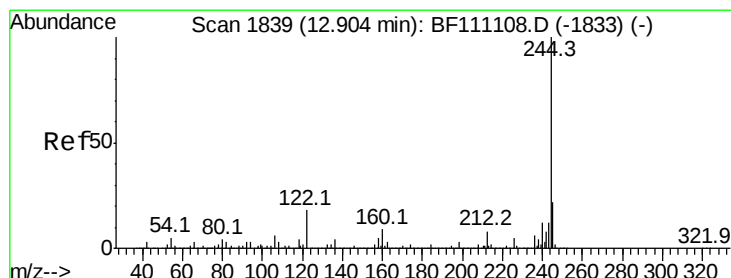
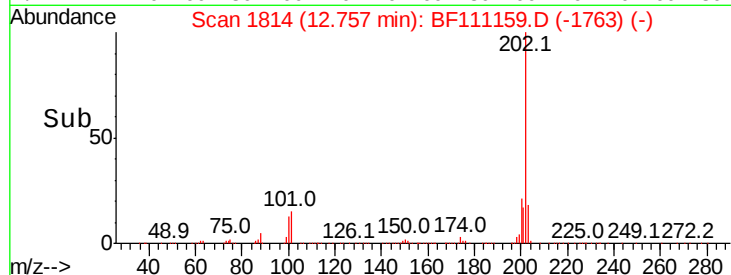
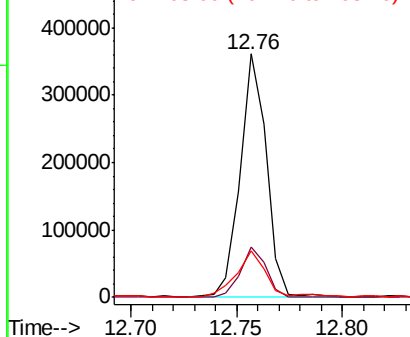
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.3	28.9
203	18.8	15.4	23.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 47.637 ng

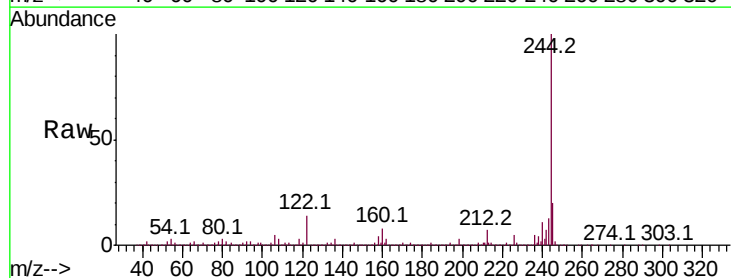
RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

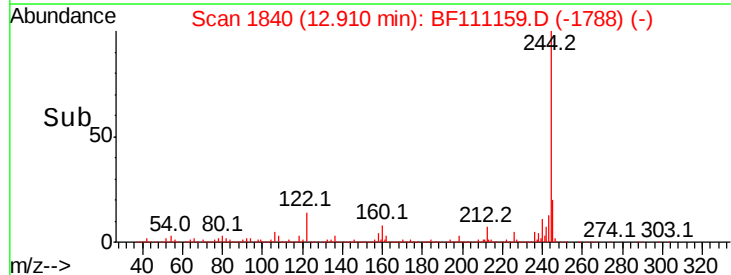
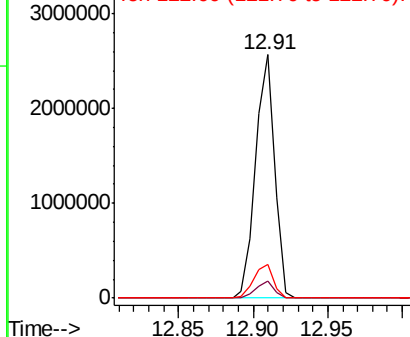
Lab File: BF111159.D

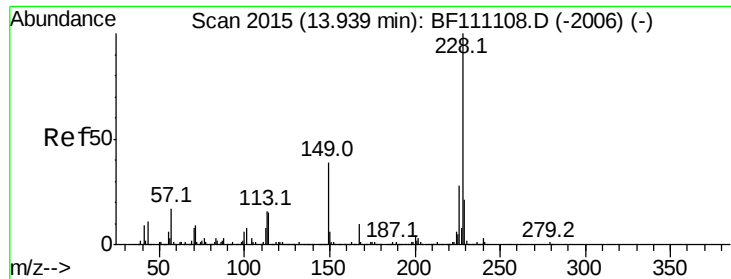
Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	9.8
122	13.9	14.2	21.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





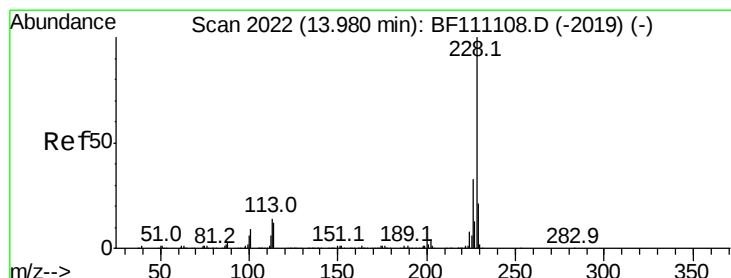
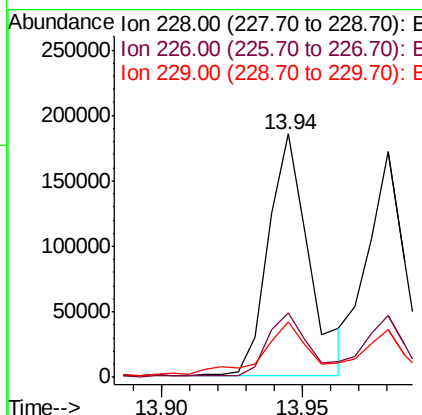
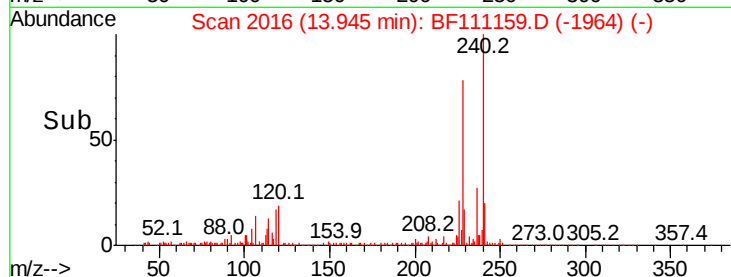
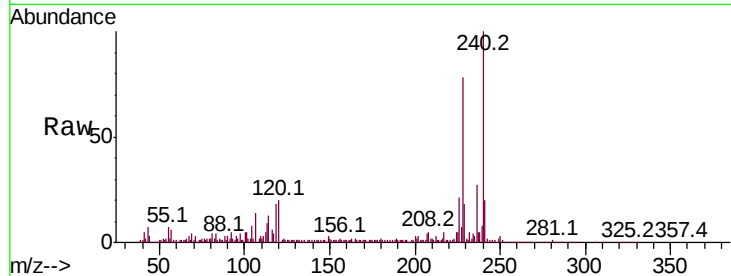
#81
Benzo(a)anthracene
Concen: 3.256 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
BU-03-120418-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	34.0
229	22.7	16.7	25.1

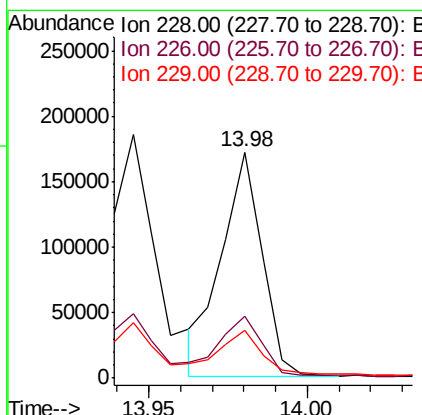
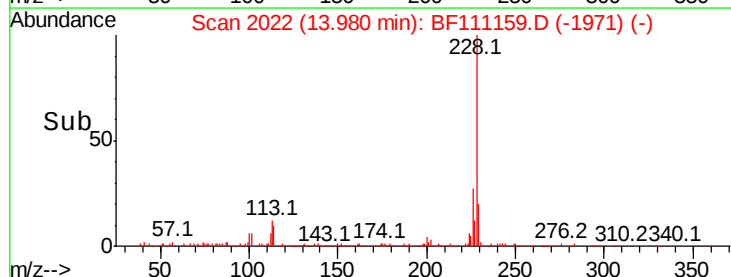
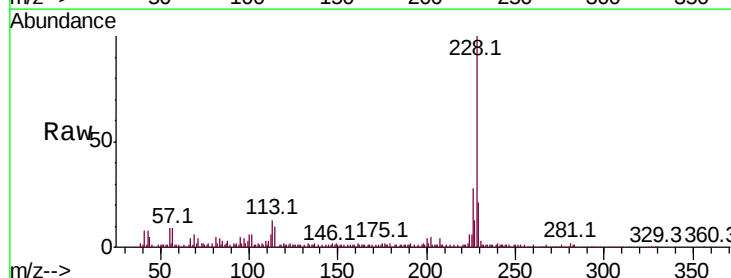
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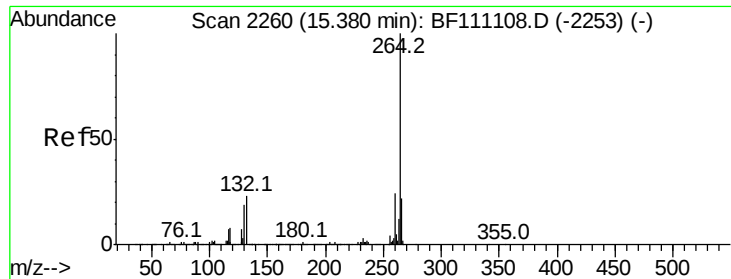
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#83
Chrysene
Concen: 2.724 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	26.2	39.2
229	20.9	16.9	25.3





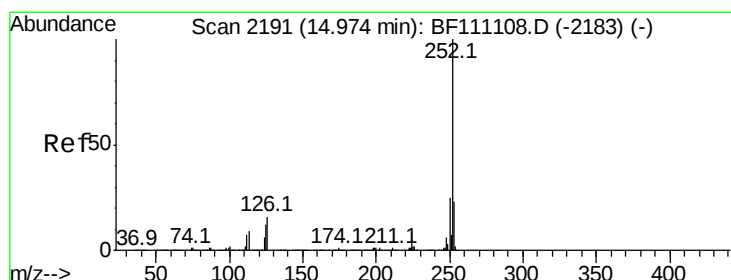
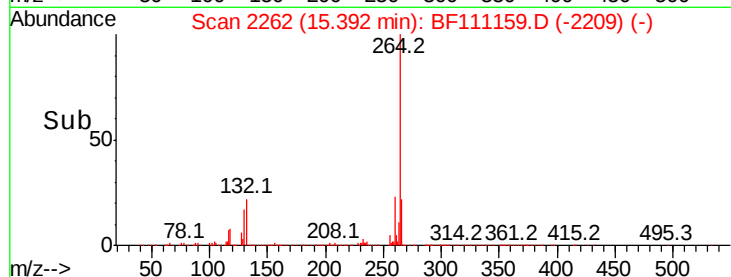
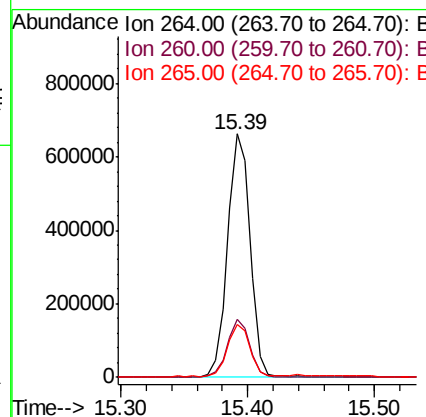
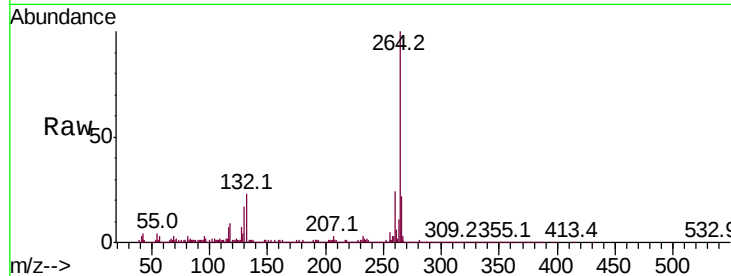
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
BU-03-120418-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.9	17.4	26.0

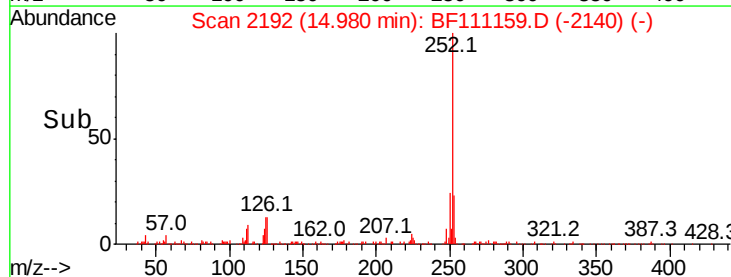
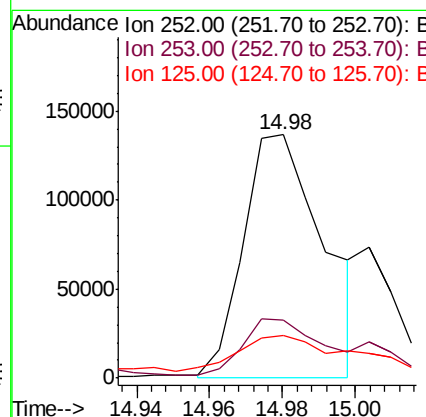
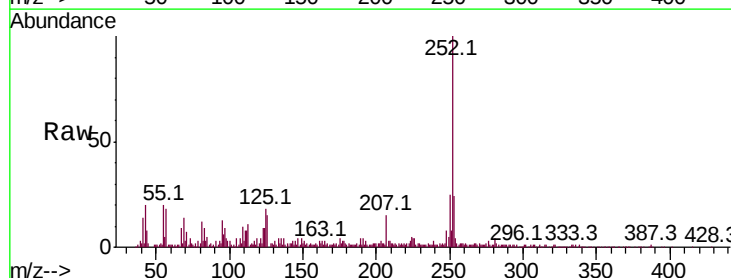
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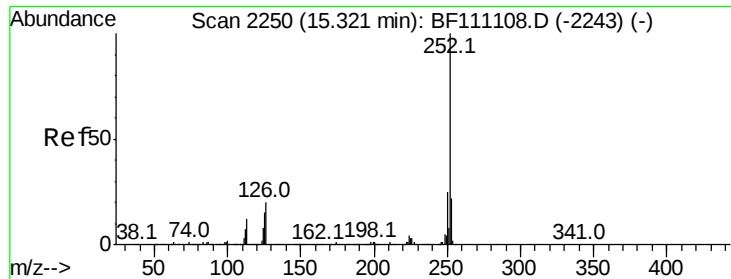
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#88
Benzo(b)fluoranthene
Concen: 4.540 ng m
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111159.D
Acq: 7 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	17.5	9.9	14.9#





#90
 Benzo(a)pyrene
 Concen: 3.034 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF111159.D
 Acq: 7 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-120418-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	18.9	12.4	18.6

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