

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111095.D
 Acq On : 29 Nov 2018 17:25
 Operator : JU/SJ
 Sample : J5767-17 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-112818-A

Manual Integrations
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mohammad
 11/30/2018 3:49:37 PM

Quant Time: Nov 30 02:56:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60747	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	253590	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	113077	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	170347	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135519	20.00	ng	0.00
87) Perylene-d12	15.66	264	118725	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	164453	44.89	ng	0.00
7) Phenol-d6	6.56	99	222165	46.54	ng	0.00
23) Nitrobenzene-d5	7.50	82	139023	31.37	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	40884	36.41	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	253288	32.45	ng	0.00
79) Terphenyl-d14	13.04	244	173489	24.92	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	17943	3.338	ng	93
50) Dimethylphthalate	9.69	163	20016	2.414	ng	96
52) Acenaphthene	10.00	154	24296	3.526	ng	96
58) Fluorene	10.53	166	23054	2.948	ng	99
71) Phenanthrene	11.49	178	236211	26.182	ng	99
72) Anthracene	11.55	178	59531	6.479	ng	98
75) Fluoranthene	12.69	202	285045	30.740	ng	97
78) Pyrene	12.92	202	239213	24.168	ng	97
81) Benzo(a)anthracene	14.12	228	127318	15.913	ng	99
83) Chrysene	14.15	228	107411	13.637	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	33176	5.868	ng	98
88) Benzo(b)fluoranthene	15.20	252	117147m	16.796	ng	
89) Benzo(k)fluoranthene	15.23	252	42284m	5.890	ng	
90) Benzo(a)pyrene	15.60	252	78336	12.066	ng	100
92) Benzo(a,h,i)perylene	17.74	276	28741	5.565	ng	96

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

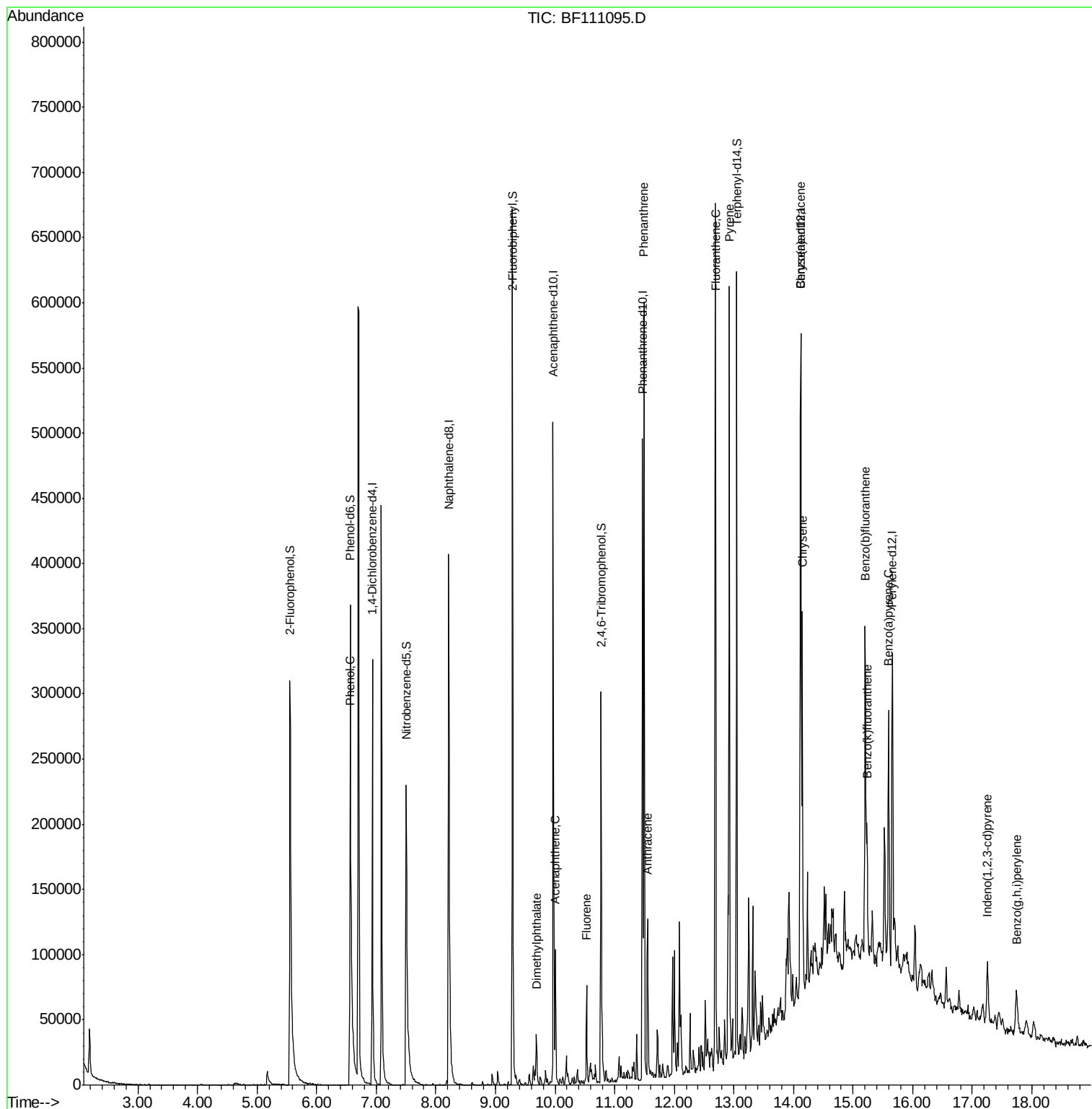
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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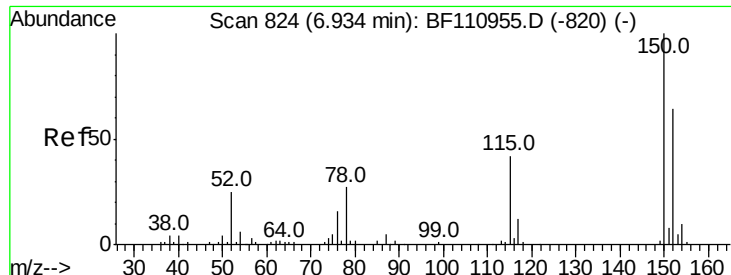
Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
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#1

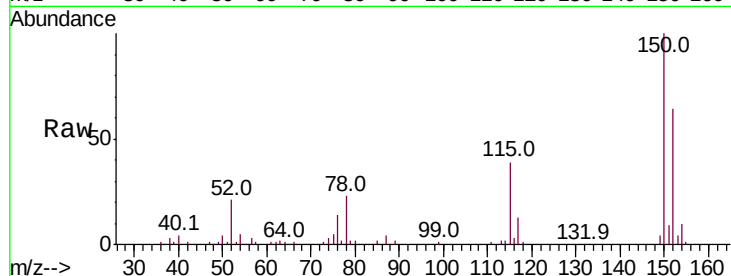
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	61.4	49.1	73.7

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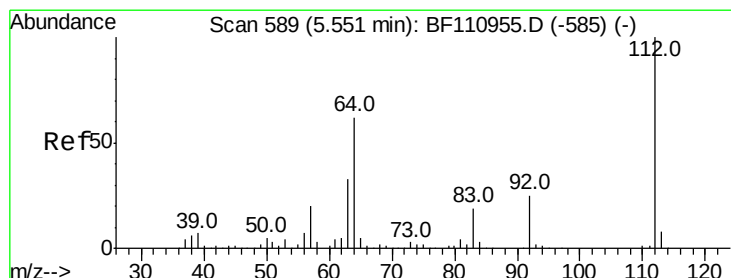
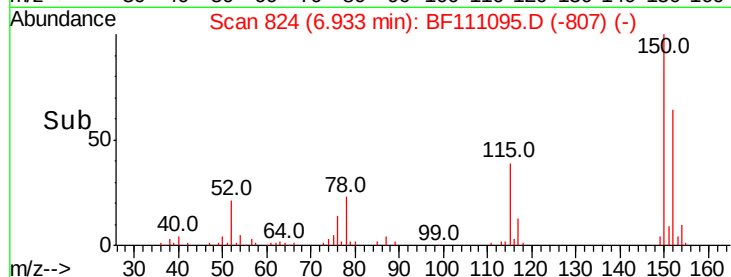
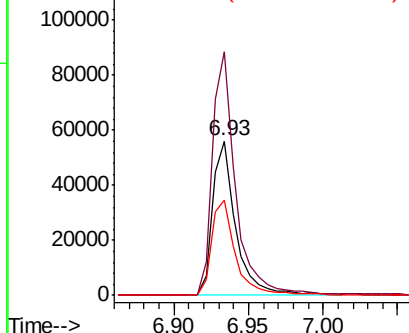


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

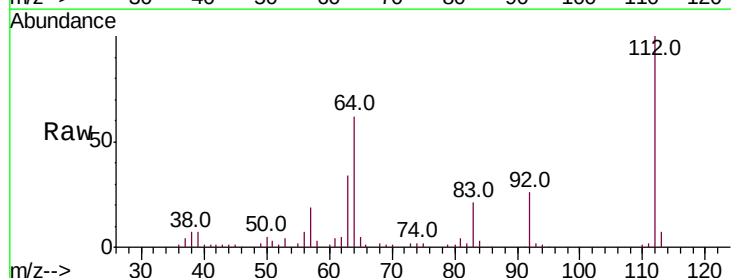
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.894 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	33.8	23.7	35.5

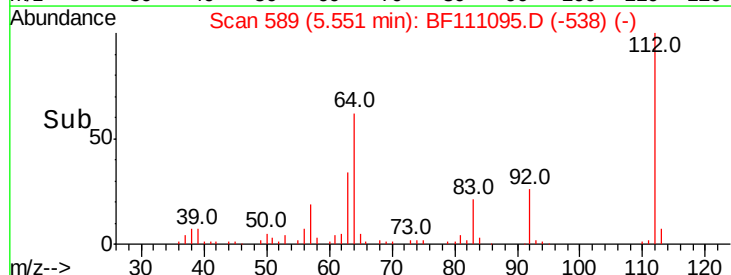
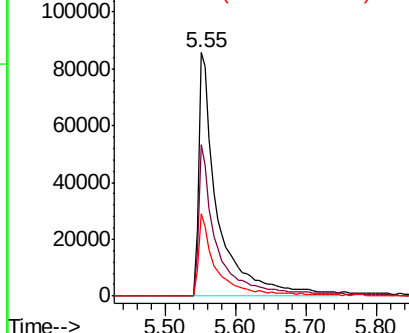


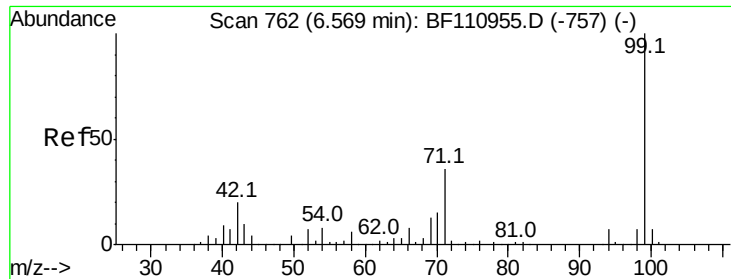
Abundance

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: 46.539 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111095.D

Acq: 29 Nov 2018 17:25

Instrument :

BNA_F

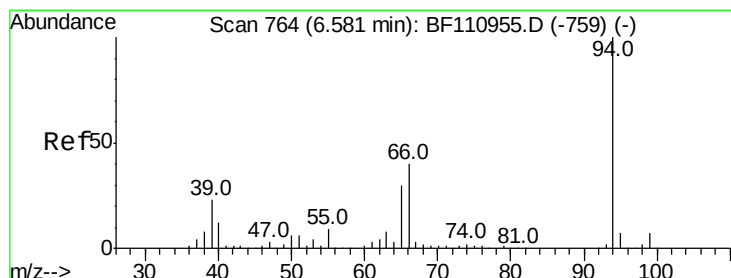
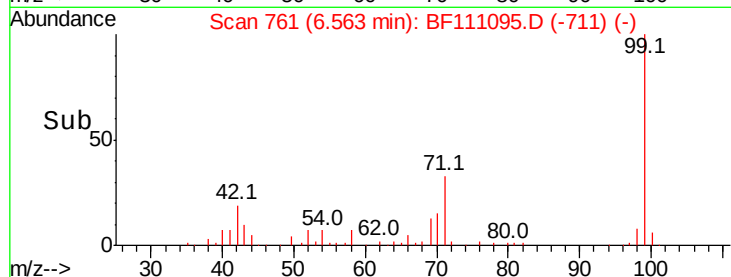
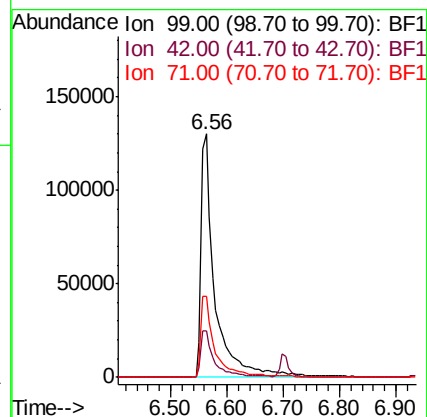
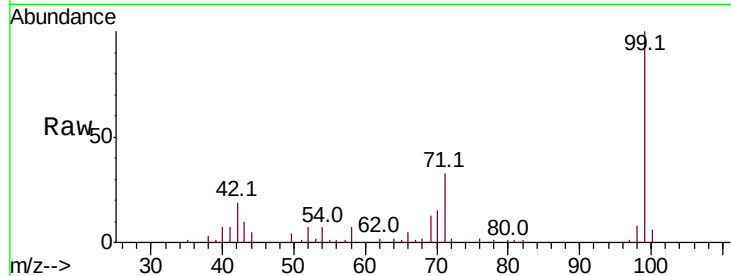
ClientSampleId :

CL-02-112818-A

Tot Ion:	99	Resp:	222165
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	33.4	28.0	42.0

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#10

Phenol

Concen: 3.338 ng

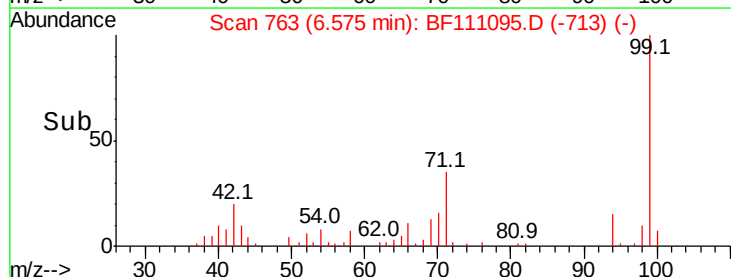
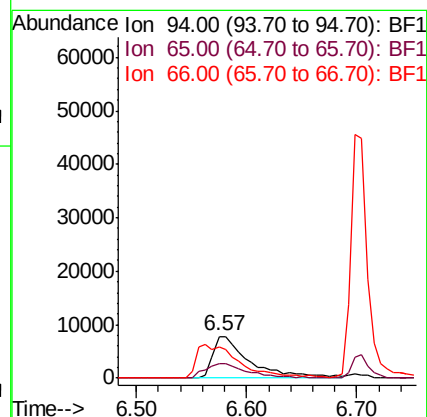
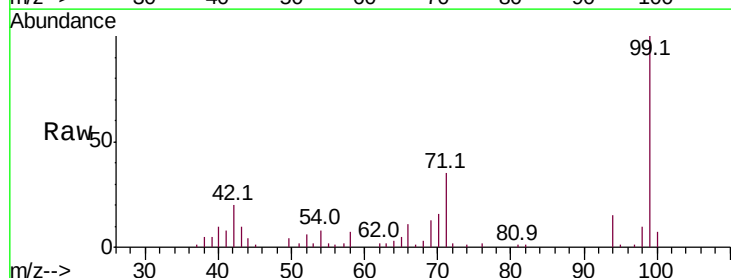
RT: 6.57 min Scan# 763

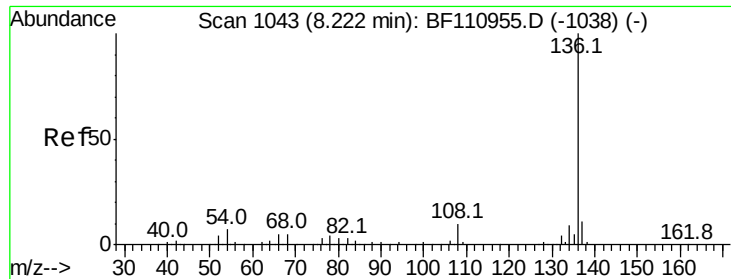
Delta R.T. -0.01 min

Lab File: BF111095.D

Acq: 29 Nov 2018 17:25

Tgt Ion:	94	Resp:	17943
Ion Ratio	Lower	Upper	
94	100		
65	34.4	25.3	65.3
66	73.4	54.5	94.5





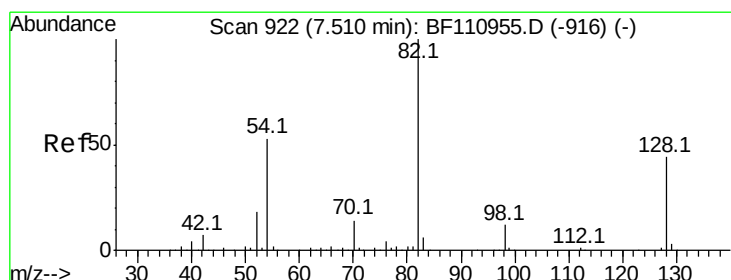
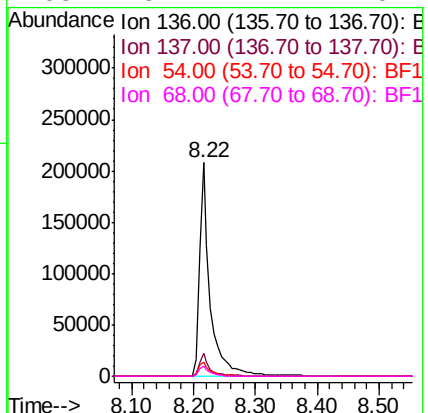
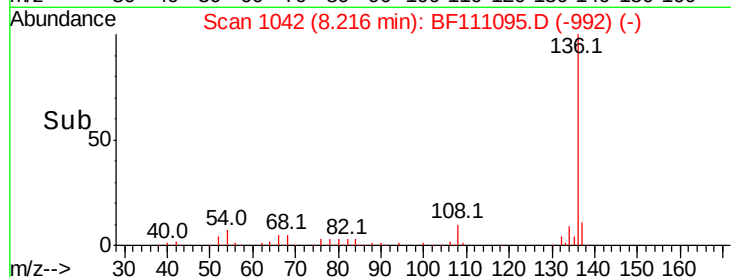
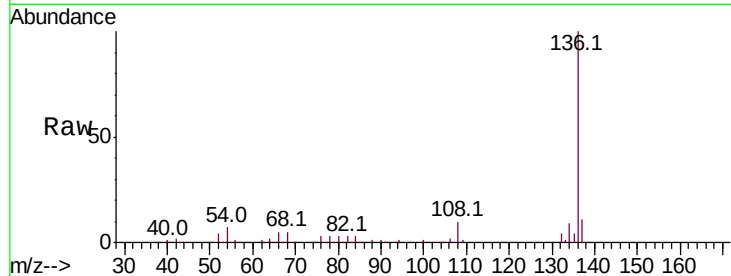
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	6.9	5.4	8.2	
68	5.1	4.2	6.2	

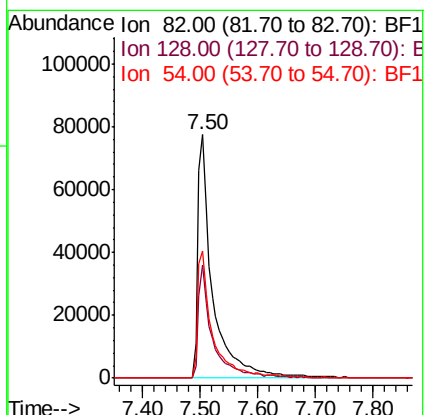
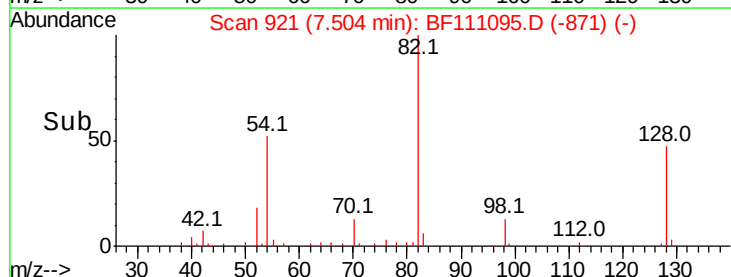
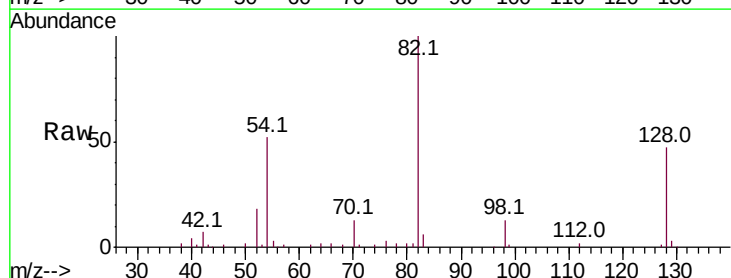
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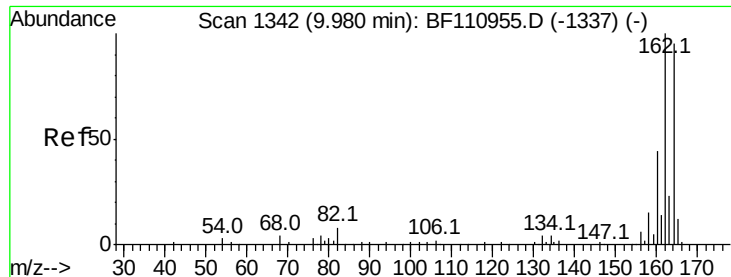
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#23
Nitrobenzene-d5
Concen: 31.375 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.2	51.2	
54	52.4	38.6	58.0	





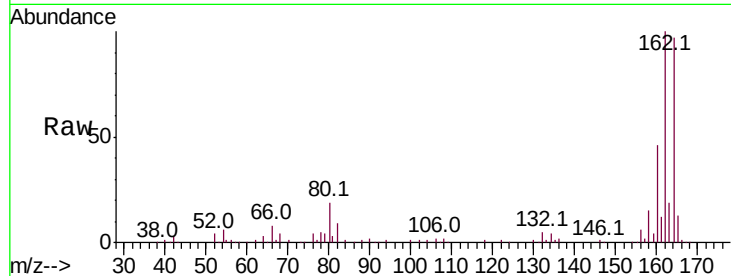
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	47.1	37.0	55.6

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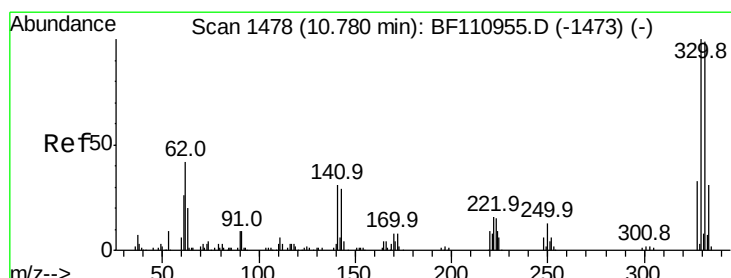
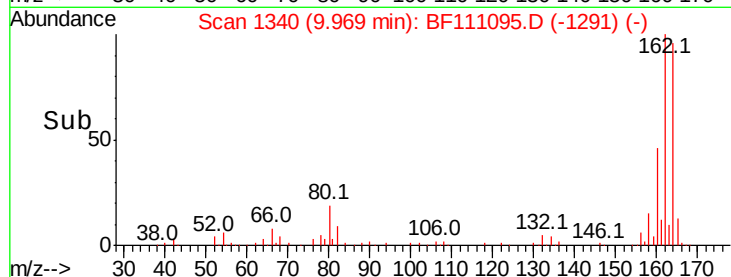
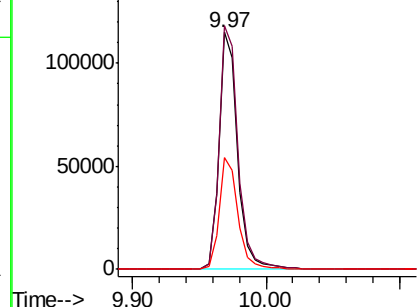


Abundance

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: 36.406 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

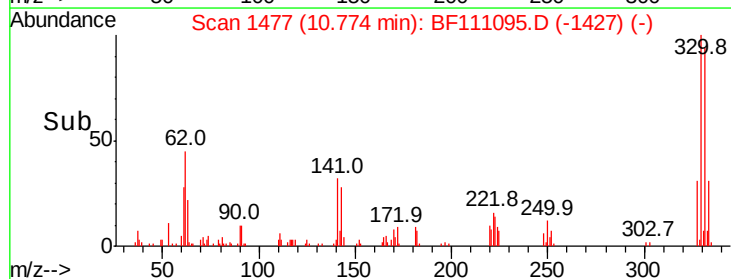
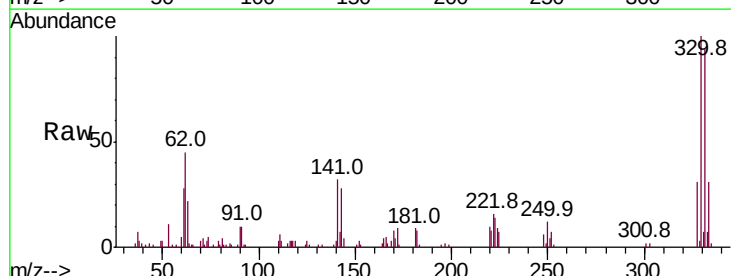
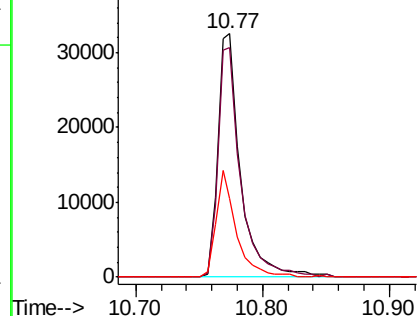
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	39.0	27.0	40.4

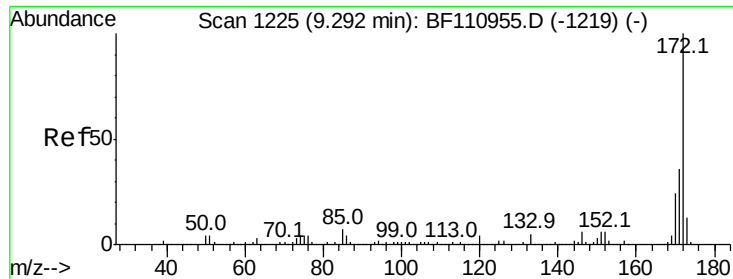
Abundance

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





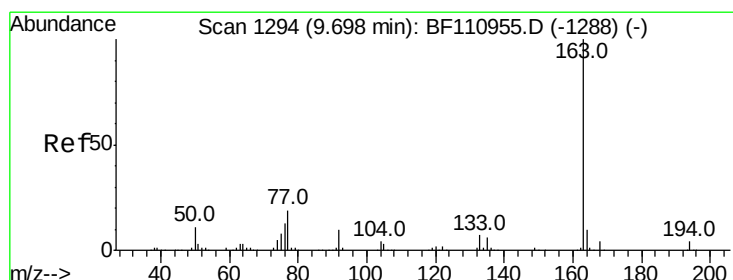
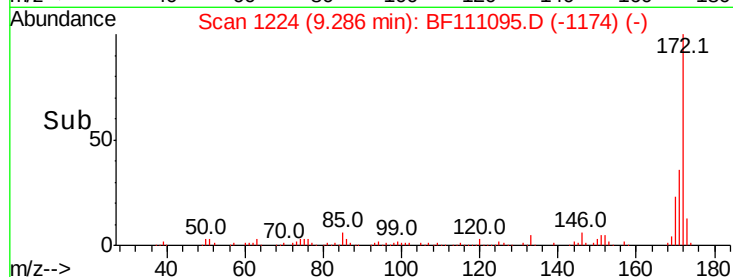
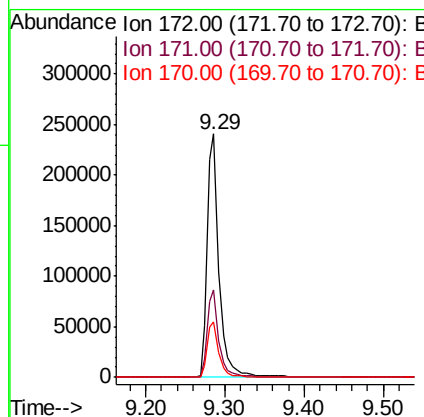
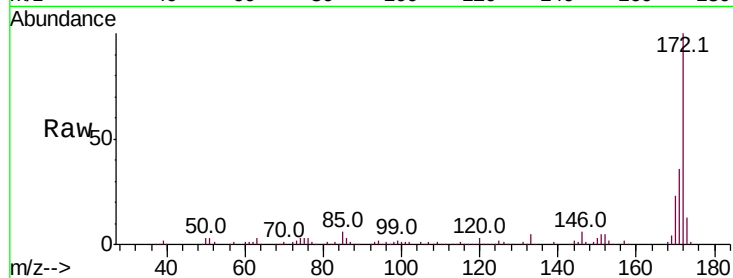
#45
2-Fluorobiphenyl
Concen: 32.452 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	253288		
171	36.1		28.6	43.0
170	23.0		19.7	29.5

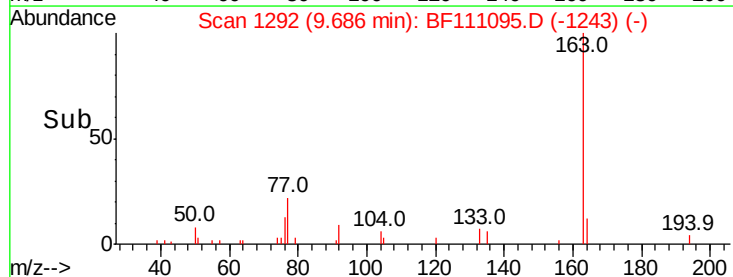
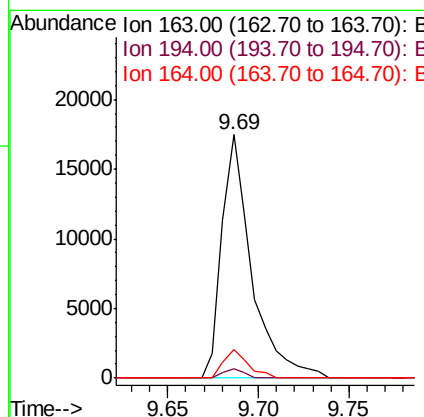
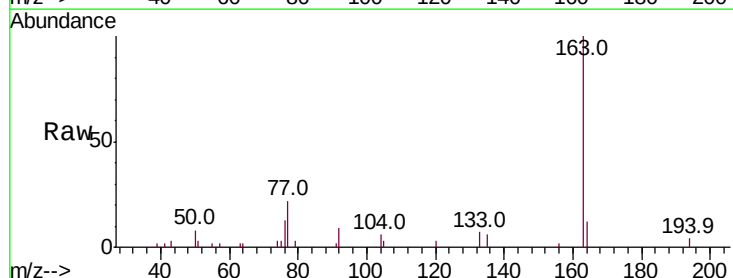
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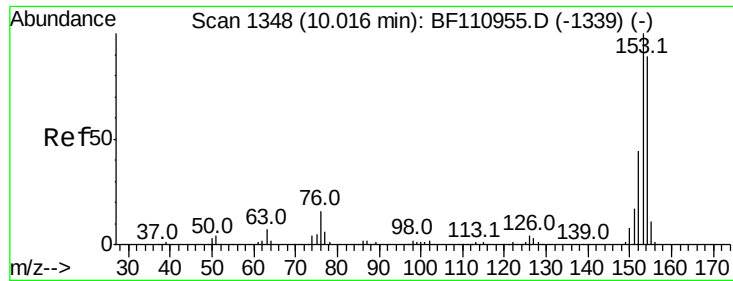
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#50
Dimethylphthalate
Concen: 2.414 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	20016		
194	3.7		3.2	4.8
164	11.9		8.1	12.1





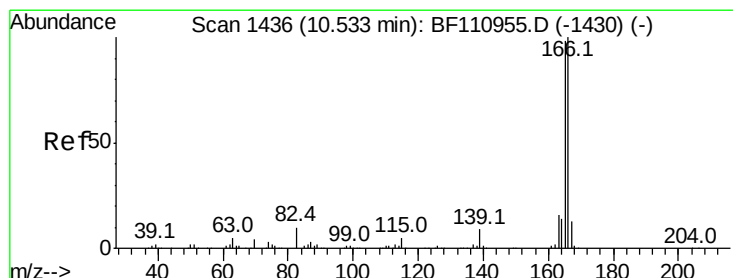
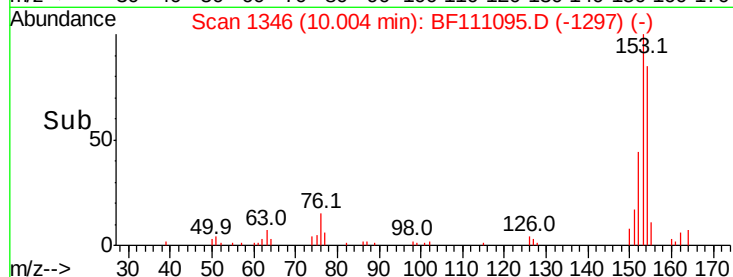
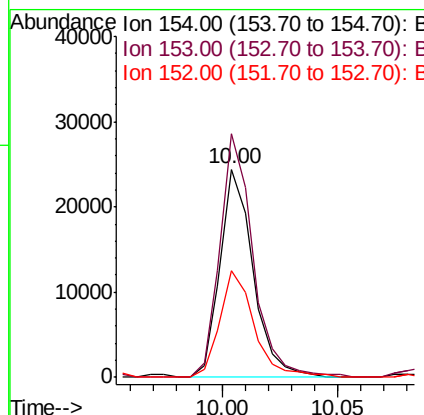
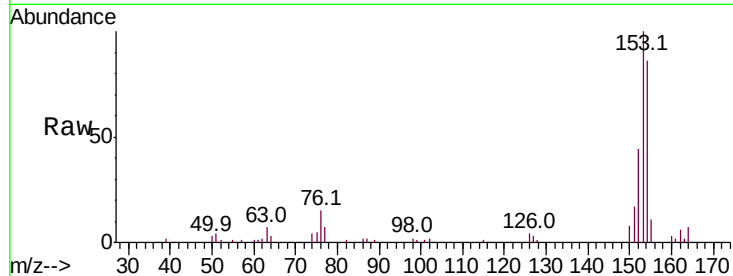
#52
Acenaphthene
Concen: 3.526 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.1	135.1
152	51.3	43.4	65.2

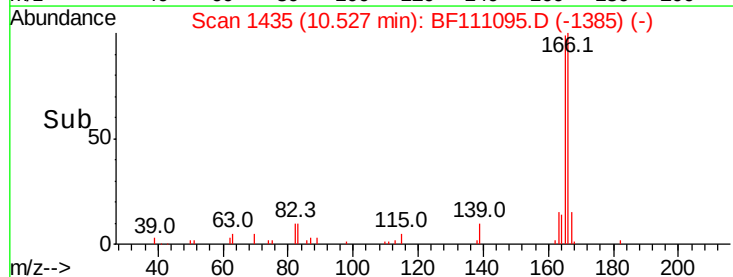
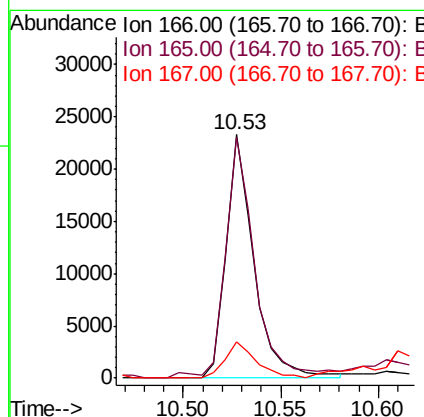
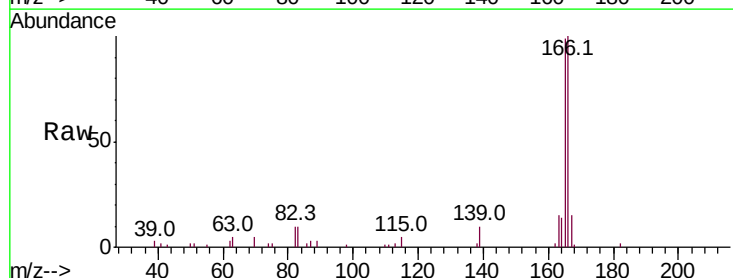
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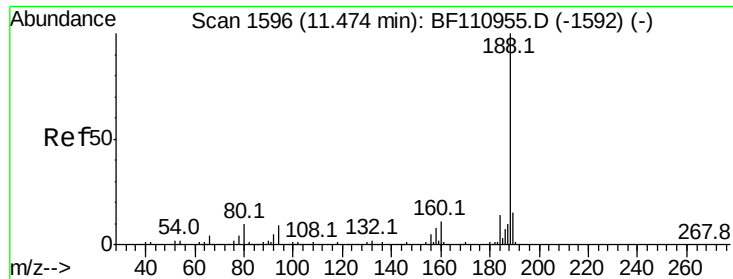
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#58
Fluorene
Concen: 2.948 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	14.8	10.8	16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF111095.D

Acq: 29 Nov 2018 17:25

Instrument :

BNA_F

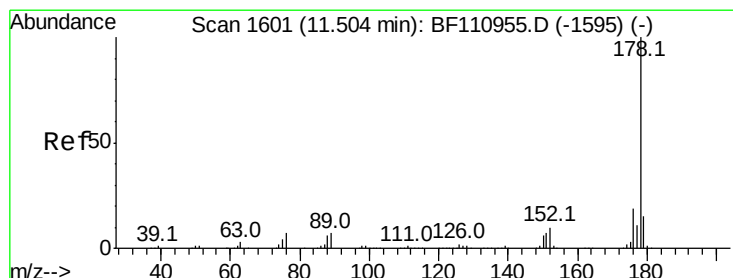
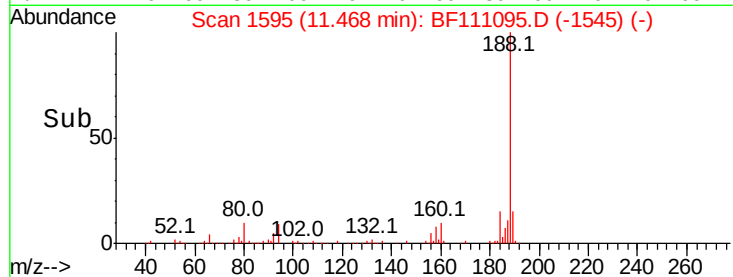
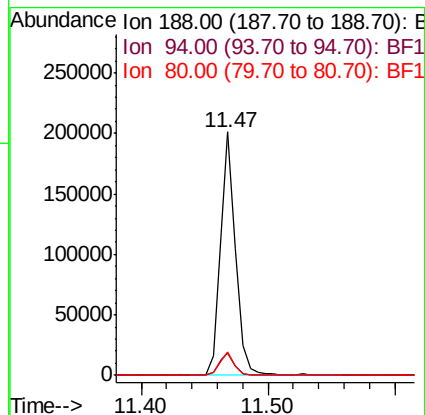
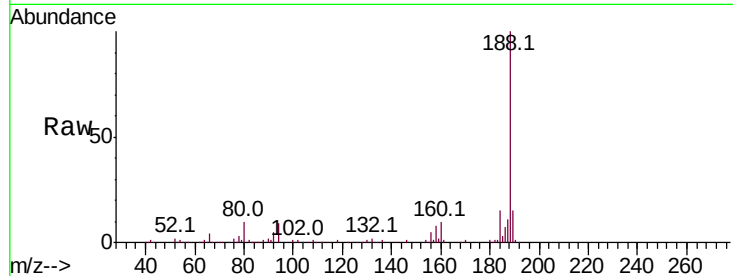
ClientSampleId :

CL-02-112818-A

Tot Ion:188	Resp:	170347
Ion Ratio	Lower	Upper
188 100		
94 9.0	7.2	10.8
80 9.6	7.9	11.9

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#71

Phenanthrene

Concen: 26.182 ng

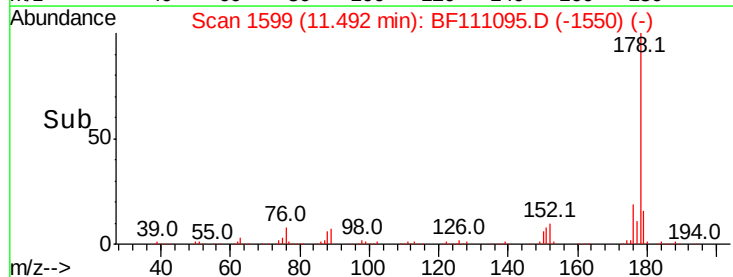
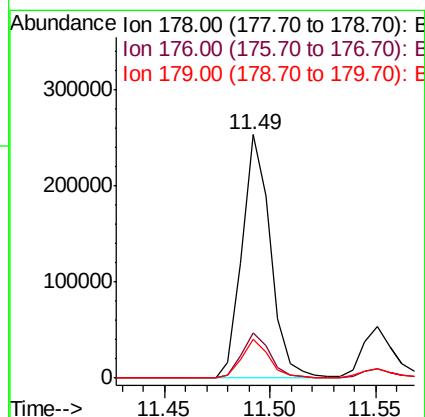
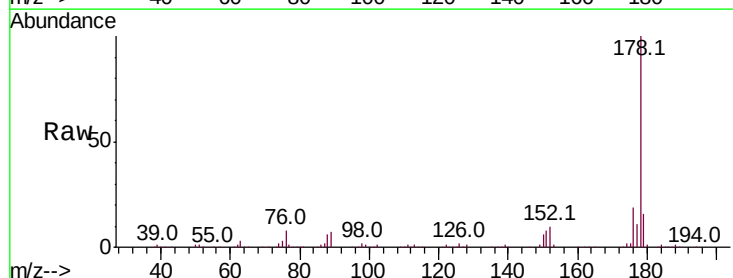
RT: 11.49 min Scan# 1599

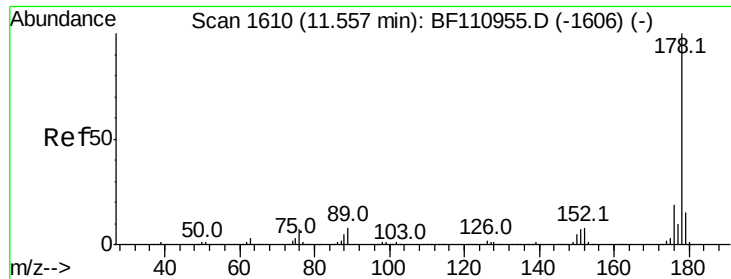
Delta R.T. -0.01 min

Lab File: BF111095.D

Acq: 29 Nov 2018 17:25

Tgt Ion:178	Resp:	236211
Ion Ratio	Lower	Upper
178 100		
176 18.6	15.5	23.3
179 15.7	12.5	18.7





#72

Anthracene

Concen: 6.479 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF111095.D

Acq: 29 Nov 2018 17:25

Instrument :

BNA_F

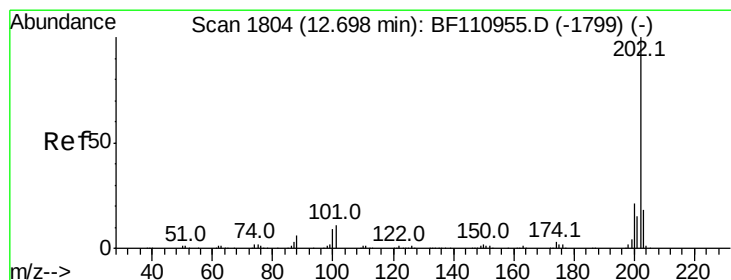
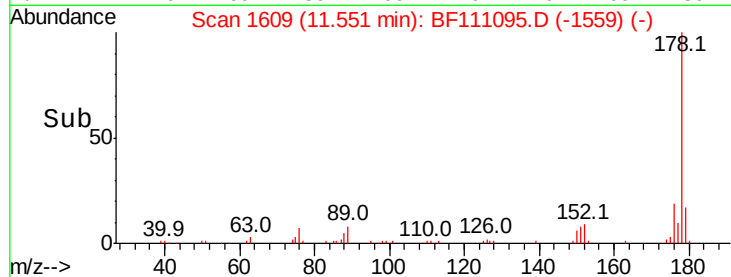
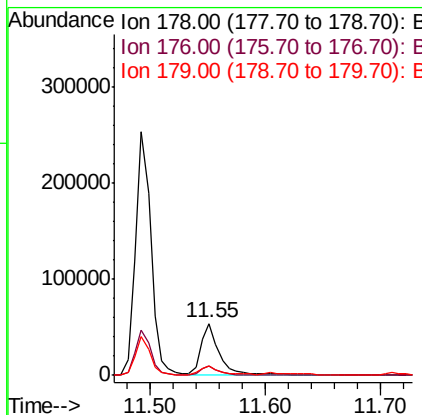
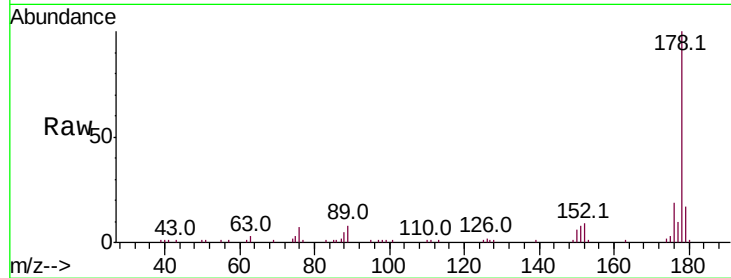
ClientSampleId :

CL-02-112818-A

Tot Ion:	178	Resp:	59531
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	17.1	12.6	18.8

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#75

Fluoranthene

Concen: 30.740 ng

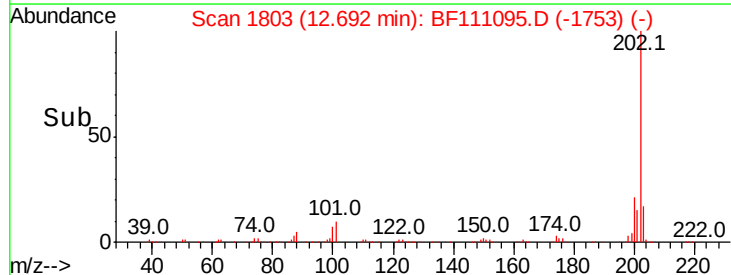
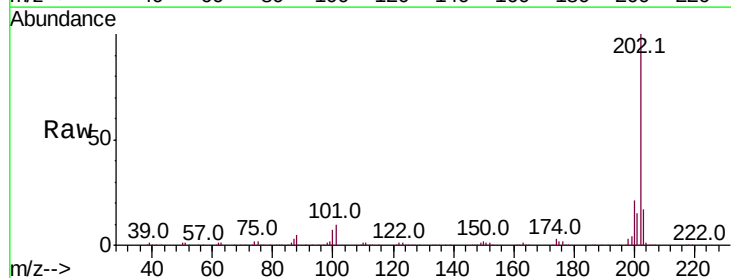
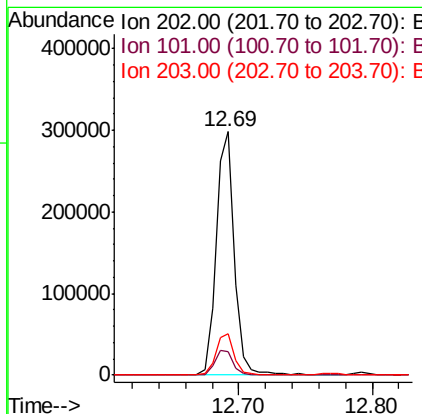
RT: 12.69 min Scan# 1803

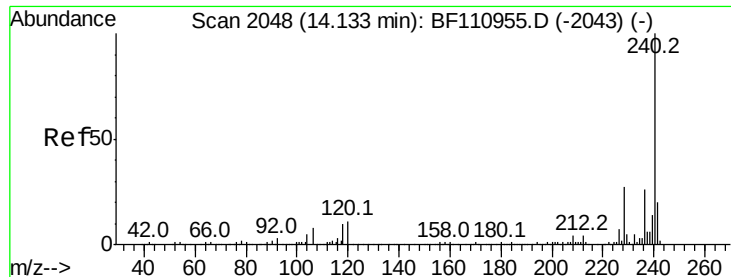
Delta R.T. -0.01 min

Lab File: BF111095.D

Acq: 29 Nov 2018 17:25

Tgt Ion:	202	Resp:	285045
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	31.4
203	16.9	0.0	37.7





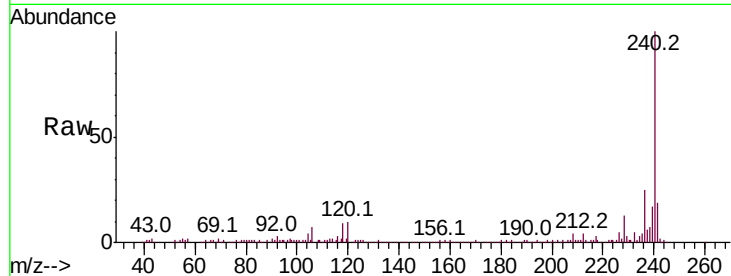
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF11095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

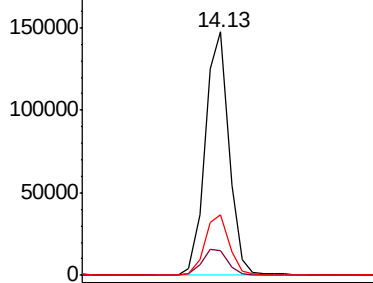
Tot Ion	Ratio	Resp	Lower	Upper
240	100	135519		
120	10.1		8.3	12.5
236	25.0		21.2	31.8

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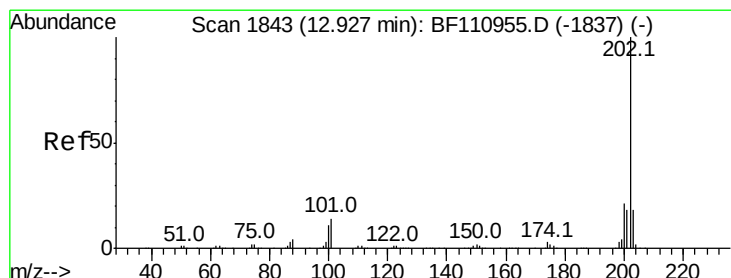
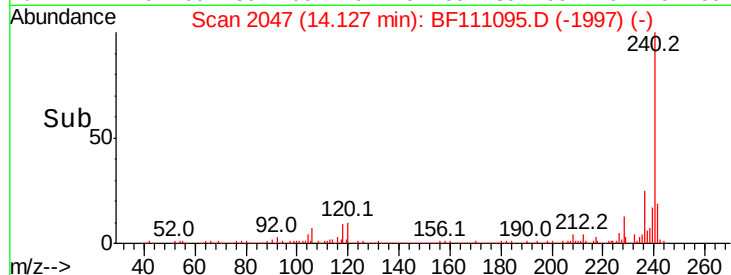
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



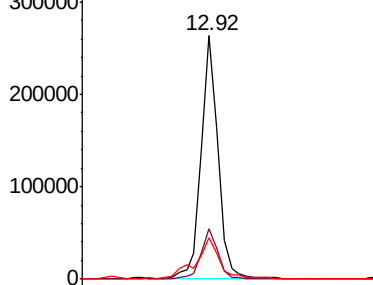
Time-->



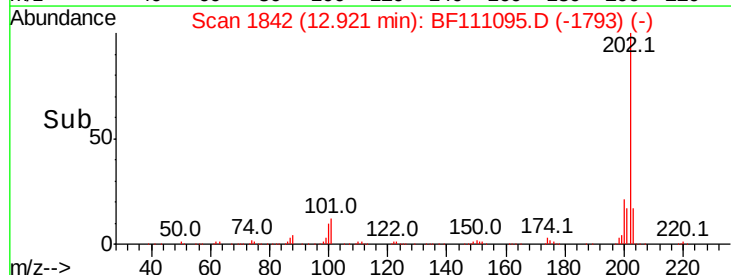
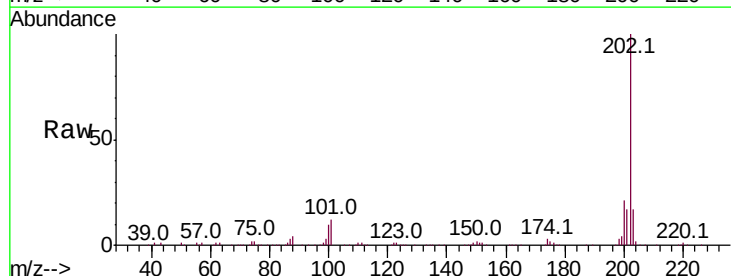
#78
Pyrene
Concen: 24.168 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF11095.D
Acq: 29 Nov 2018 17:25

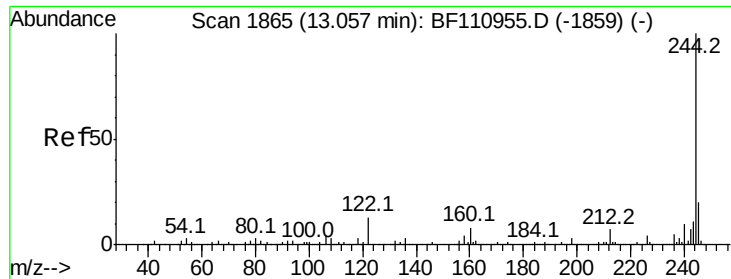
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	239213		
200	20.6		17.8	26.6
203	17.0		14.2	21.4

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



Time-->





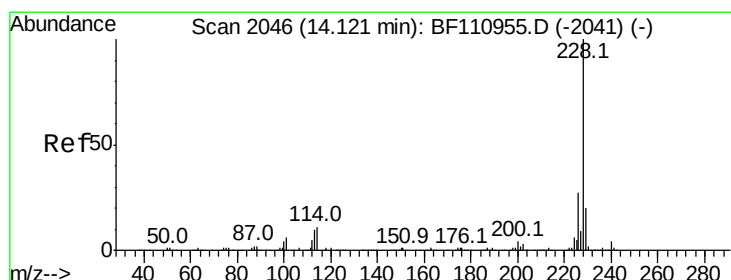
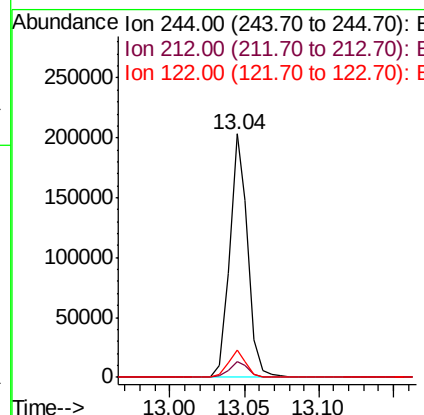
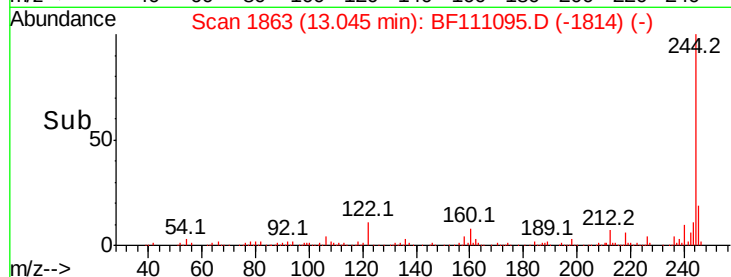
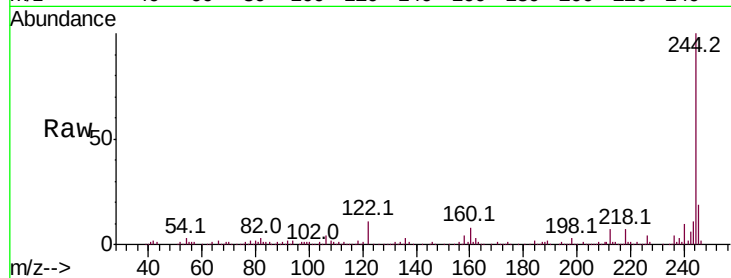
#79
 Terphenyl-d14
 Concen: 24.921 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF111095.D
 Acq: 29 Nov 2018 17:25

Instrument :
 BNA_F
 ClientSampleID :
 CL-02-112818-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	8.7	13.1

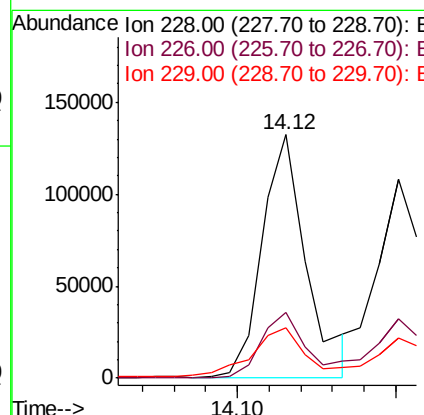
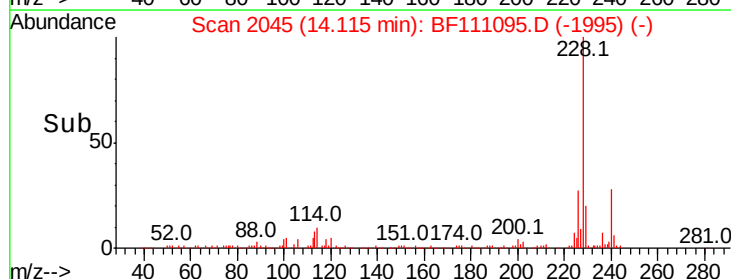
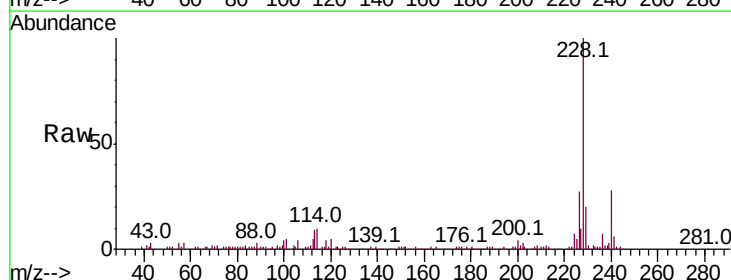
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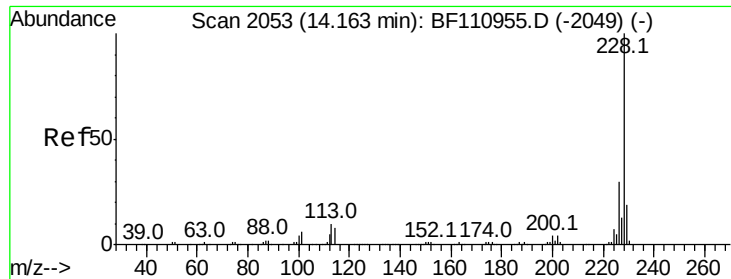
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#81
 Benzo(a)anthracene
 Concen: 15.913 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF111095.D
 Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.5	15.6	23.4





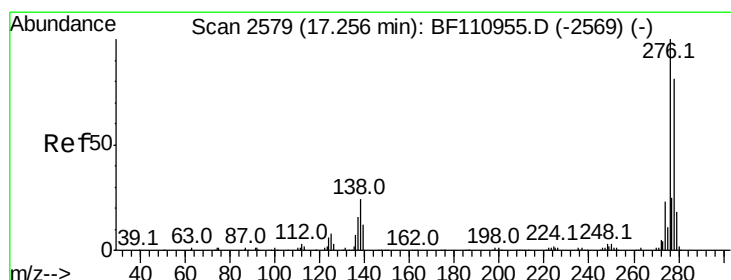
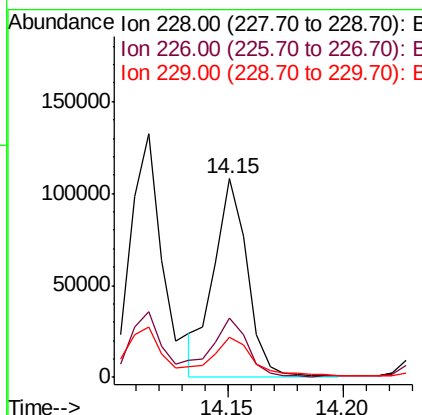
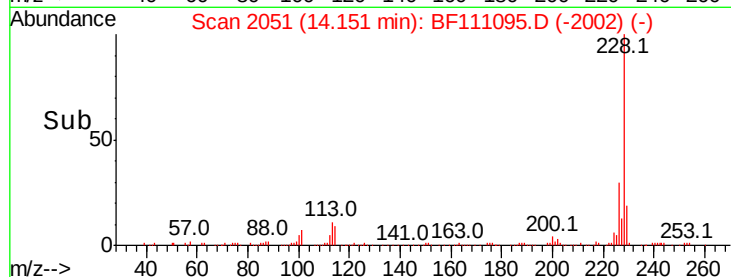
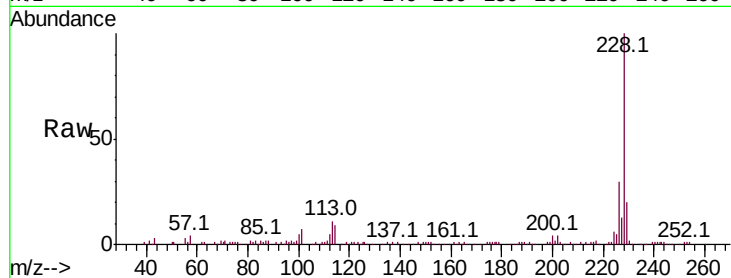
#83
Chrysene
Concen: 13.637 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	20.2	15.9	23.9

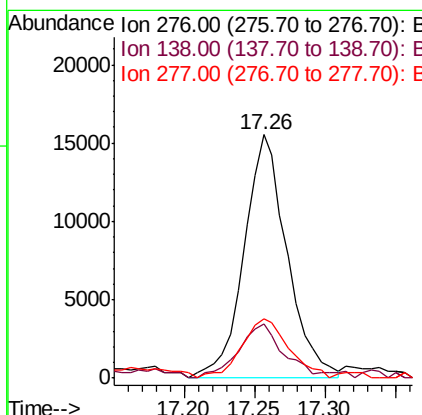
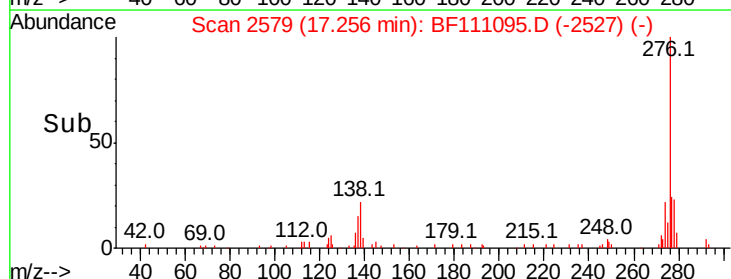
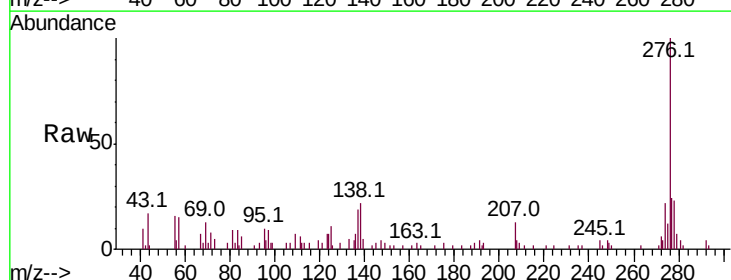
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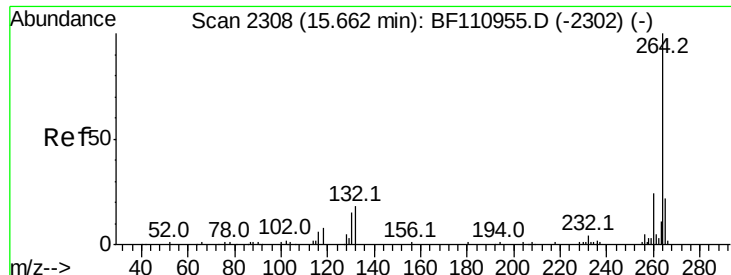
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.868 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.5	27.7
277	26.6	20.0	30.0





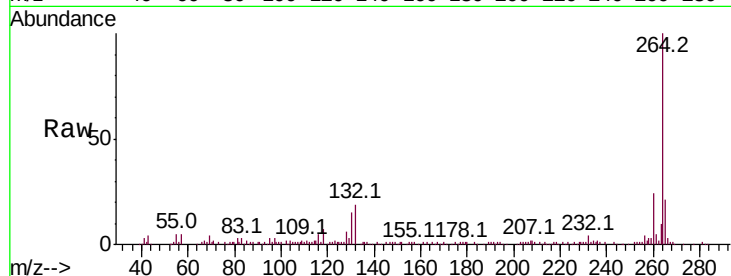
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

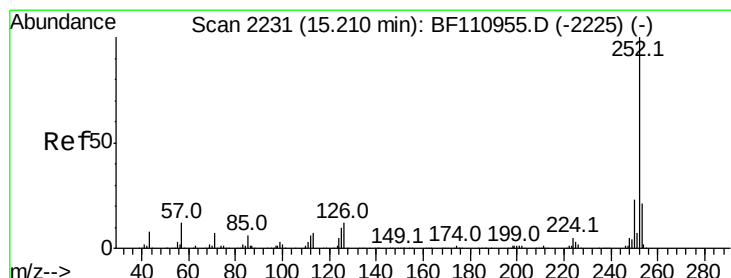
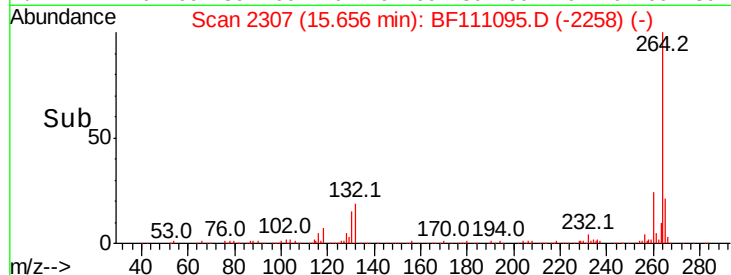
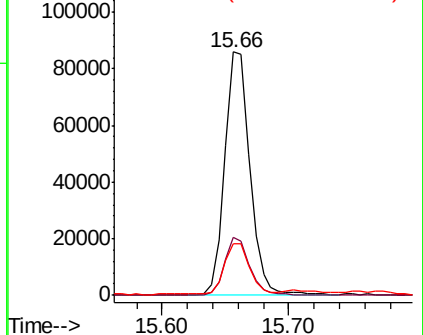
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	16.7	25.1

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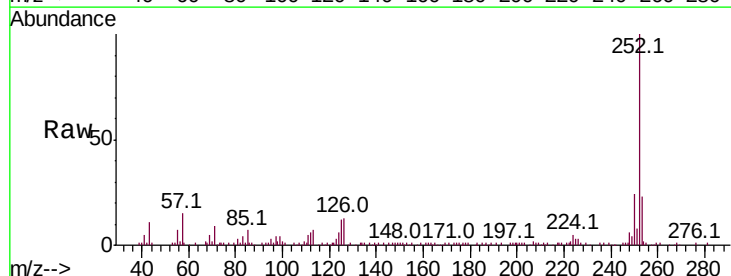


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

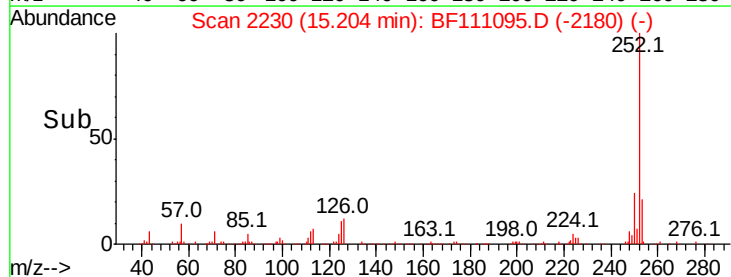
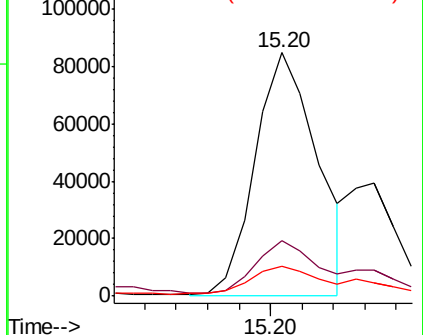


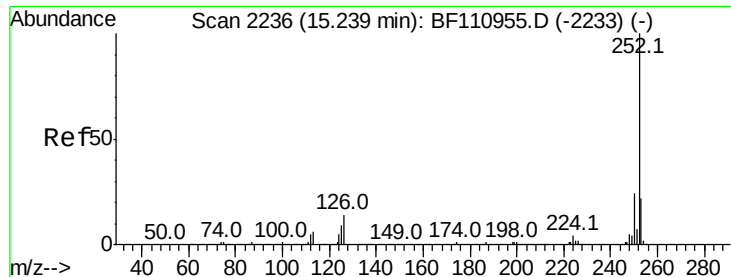
#88
Benzo(b)fluoranthene
Concen: 16.796 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.3	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





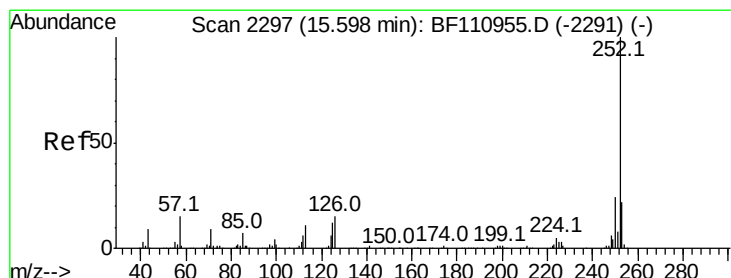
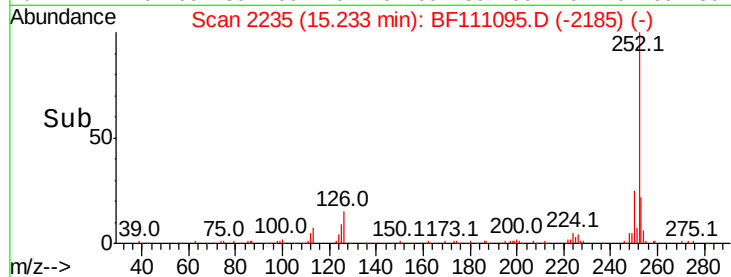
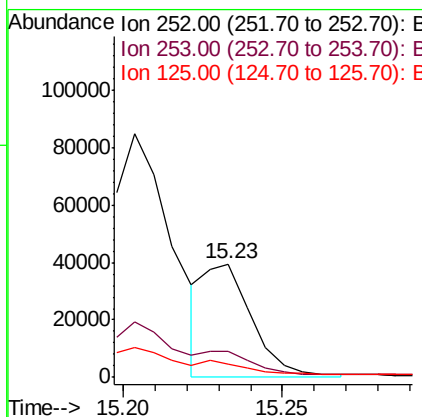
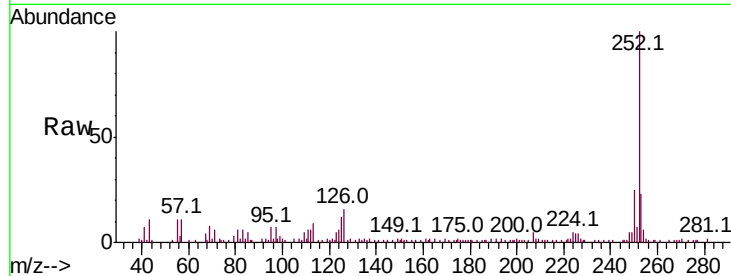
#89
Benzo(k)fluoranthene
Concen: 5.890 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.9	7.4	11.0

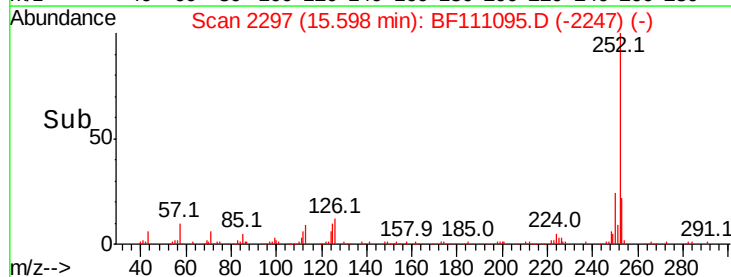
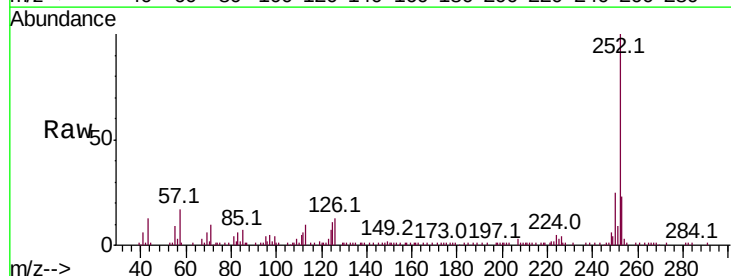
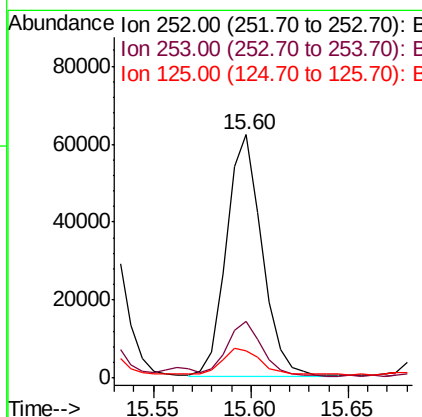
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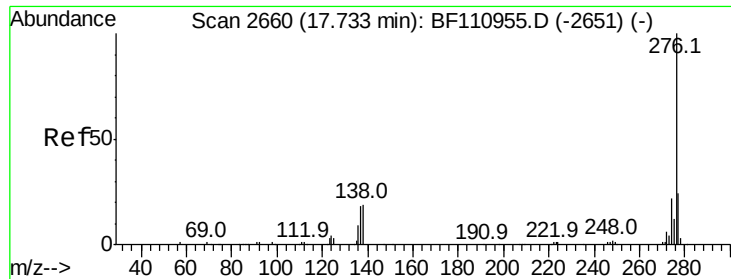
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#90
Benzo(a)pyrene
Concen: 12.066 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.4	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 5.565 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.00 min
 Lab File: BF111095.D
 Acq: 29 Nov 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-112818-A

Tot Ion:	276	Resp:	28741
Ion Ratio	Lower	Upper	
276	100		
277	26.6	18.8	28.2
138	21.0	16.0	24.0

Manual Integrations
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