

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111098.D
 Acq On : 29 Nov 2018 18:47
 Operator : JU/SJ
 Sample : J5767-23 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 30 03:12:47 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	58643	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	241307	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	98752	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	156879	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138921	20.00	ng	0.00
87) Perylene-d12	15.67	264	95618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	160126	45.28	ng	0.00
7) Phenol-d6	6.56	99	214519	46.55	ng	0.00
23) Nitrobenzene-d5	7.50	82	128777	30.54	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	38071	38.82	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	221546	32.50	ng	0.00
79) Terphenyl-d14	13.05	244	180577	25.30	ng	0.00
Target Compounds						
10) Phenol	6.58	94	17080	3.291	ng	83
50) Dimethylphthalate	9.68	163	18742	2.588	ng	99
75) Fluoranthene	12.69	202	28813	3.374	ng	95
78) Pyrene	12.93	202	34850	3.435	ng	98
83) Chrysene	14.16	228	18474	2.288	ng	# 90
88) Benzo(b)fluoranthene	15.21	252	19914m	3.545	ng	
90) Benzo(a)pyrene	15.60	252	12960	2.479	ng	# 1
92) Benzo(g,h,i)perylene	17.76	276	8569	2.060	ng	# 70

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

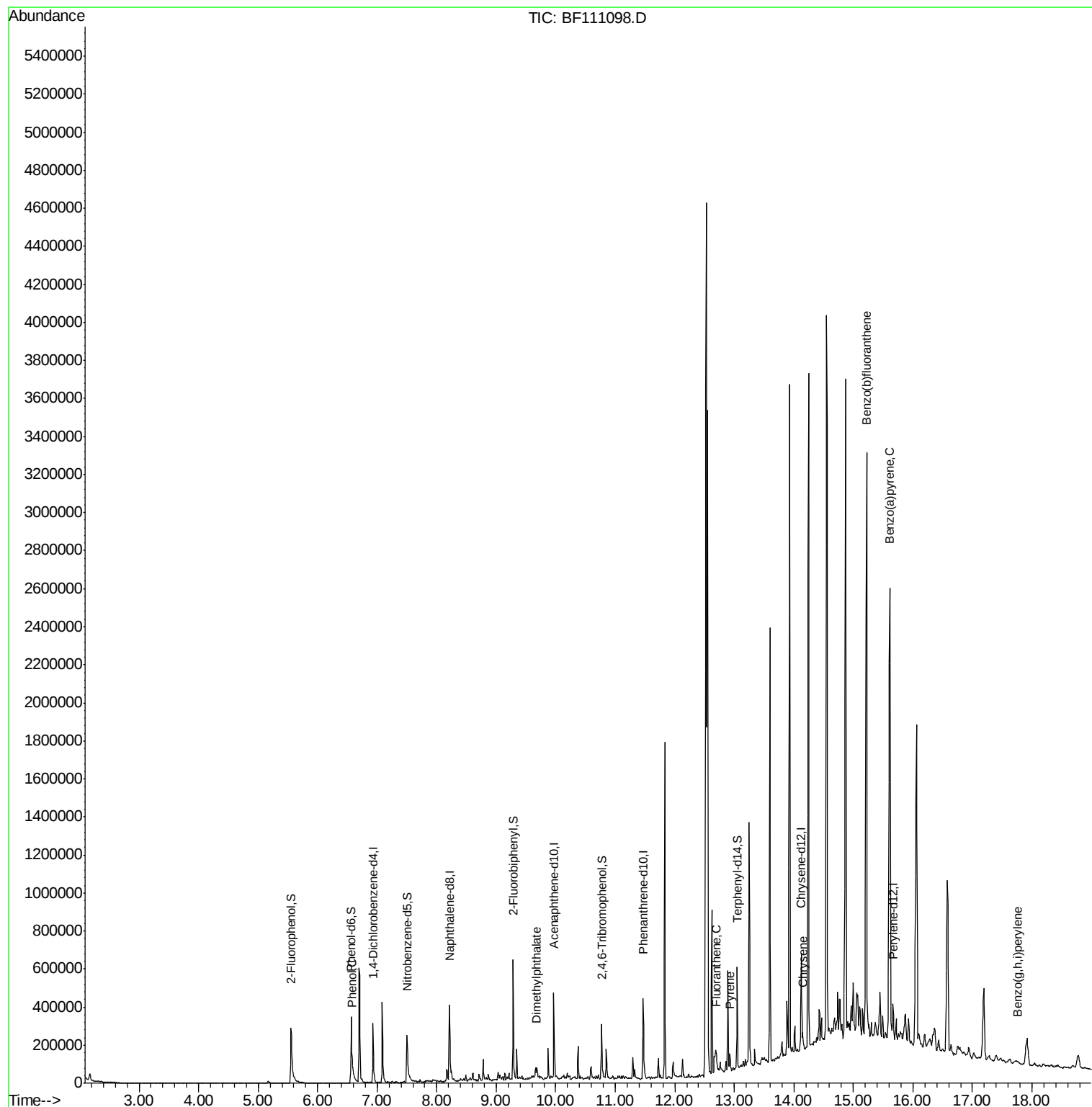
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111098.D
Acq On : 29 Nov 2018 18:47
Operator : JU/SJ
Sample : J5767-23 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

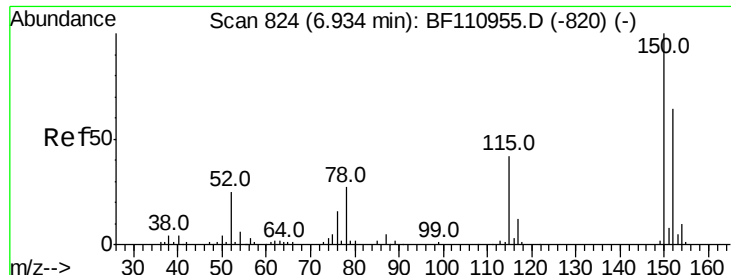
Instrument :
BNA_F
ClientSampleId :
CL-02-112818-D

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Quant Time: Nov 30 03:12:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

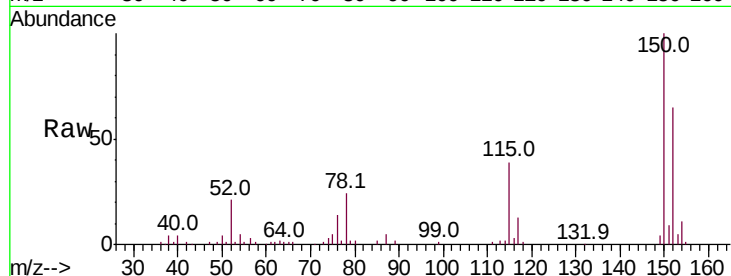
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	60.0	49.1	73.7

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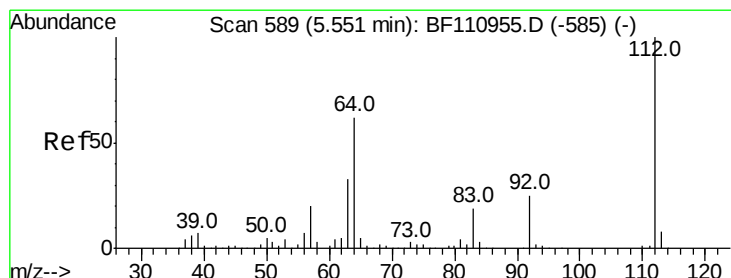
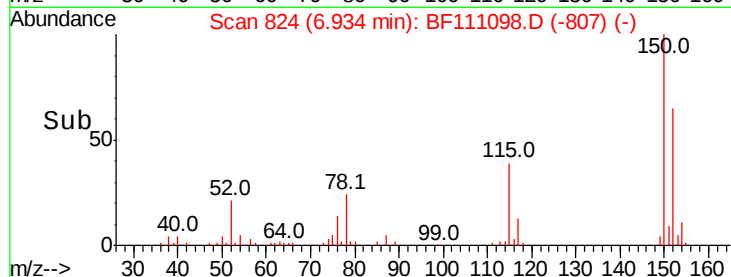
Abundance

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

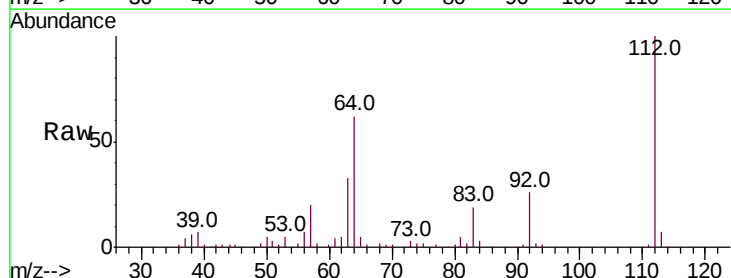
Time-->



#5

2-Fluorophenol
Concen: 45.281 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	33.3	23.7	35.5



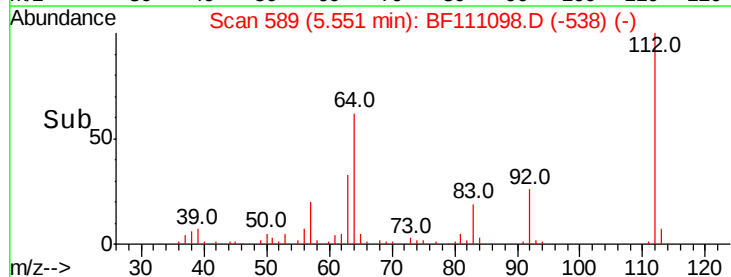
Abundance

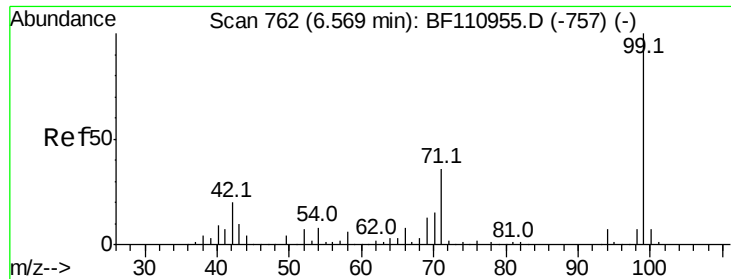
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 46.550 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111098.D

Acq: 29 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

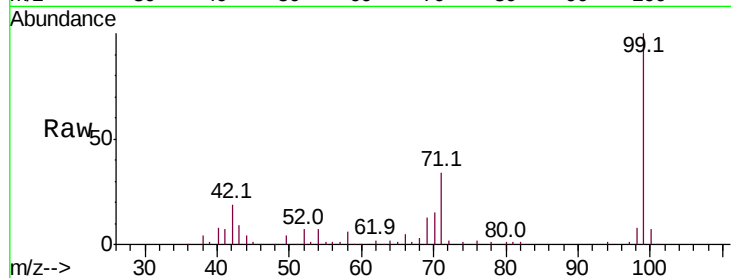
CL-02-112818-D

Tot Ion: 99 Resp: 214519

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	33.9	28.0	42.0

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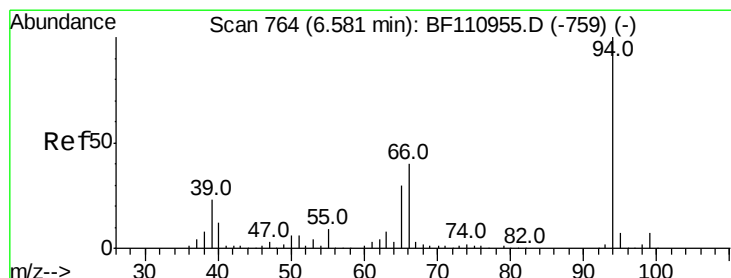
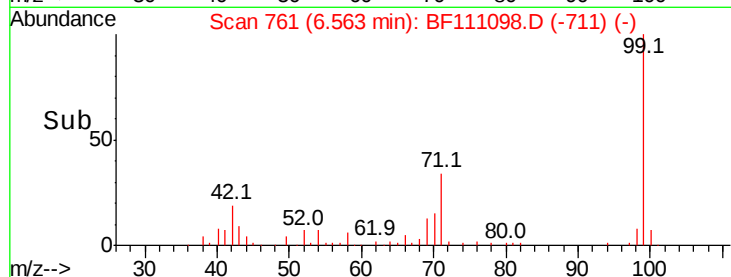
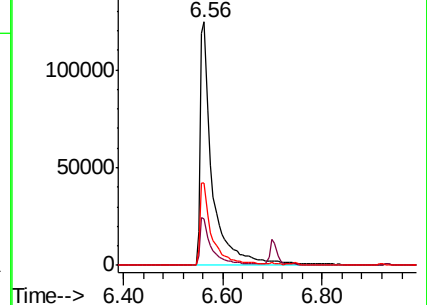
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.291 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111098.D

Acq: 29 Nov 2018 18:47

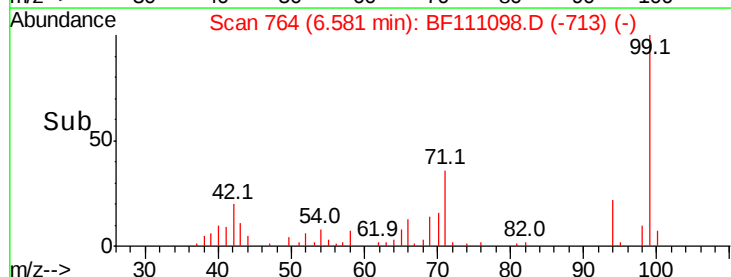
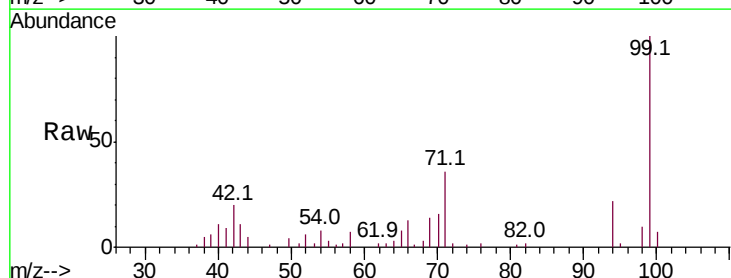
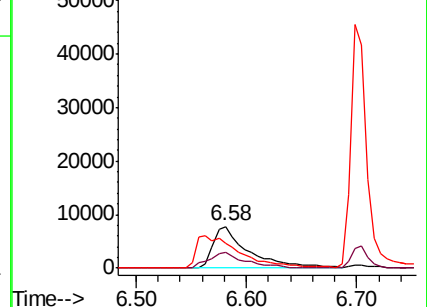
Tgt Ion: 94 Resp: 17080

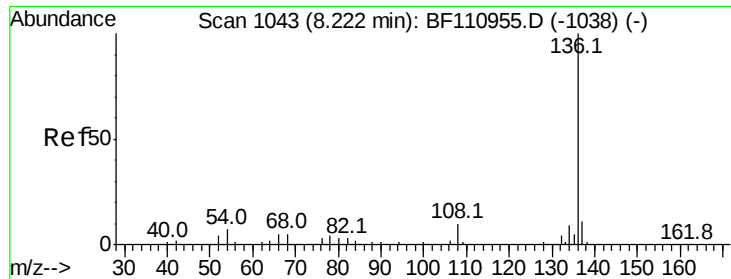
Ion	Ratio	Lower	Upper
94	100		
65	36.5	25.3	65.3
66	57.8	54.5	94.5

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





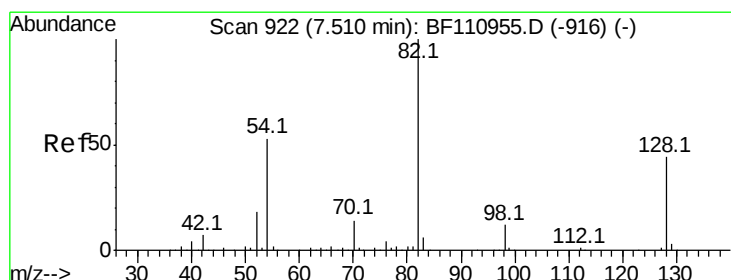
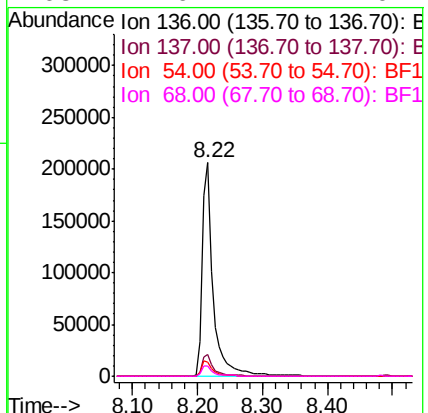
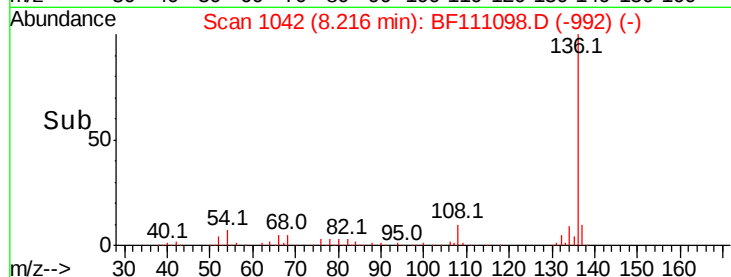
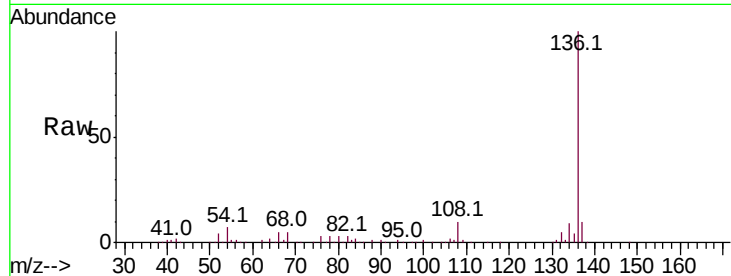
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	6.8	5.4	8.2	
68	4.6	4.2	6.2	

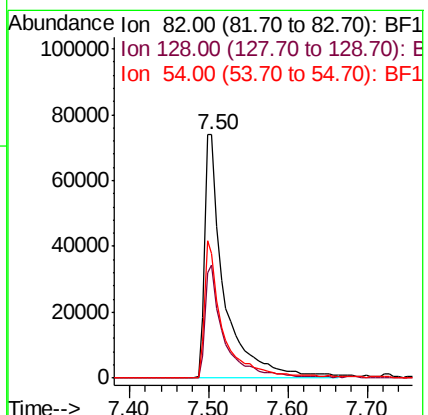
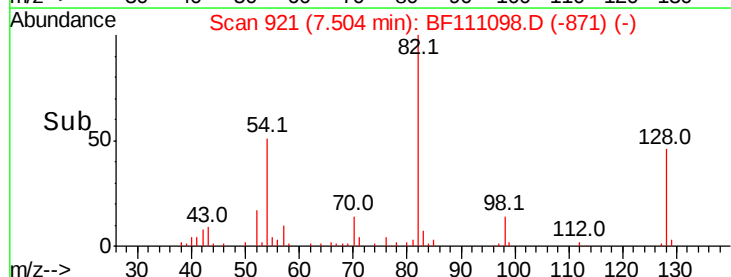
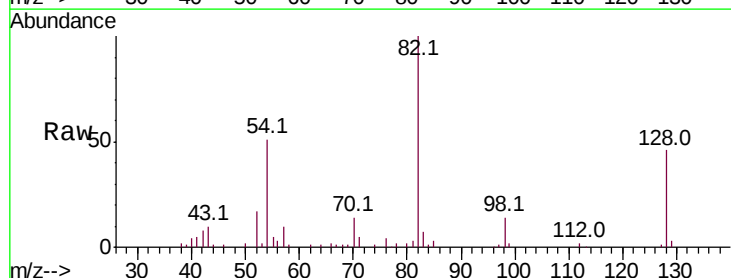
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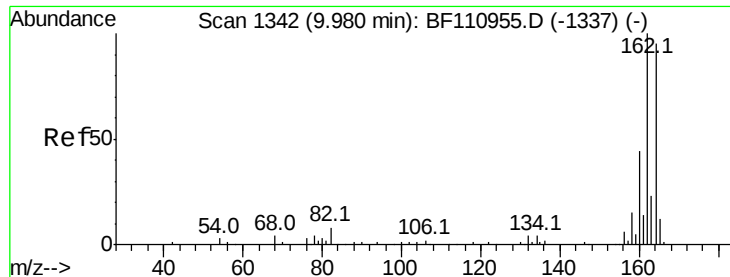
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#23
Nitrobenzene-d5
Concen: 30.542 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	34.2	51.2	
54	51.0	38.6	58.0	





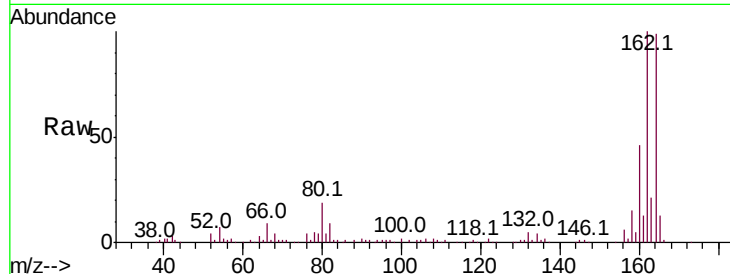
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

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

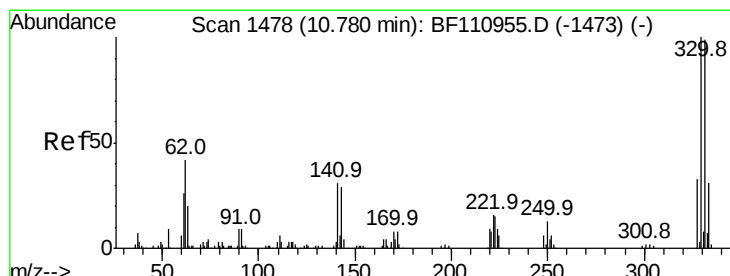
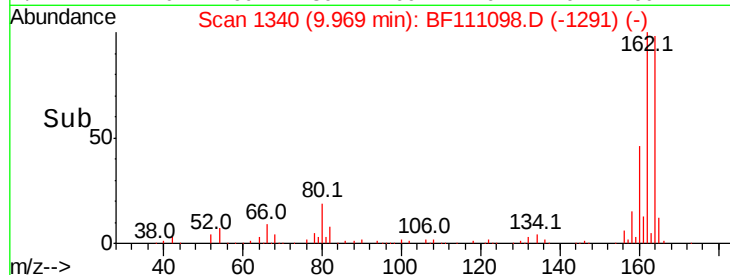
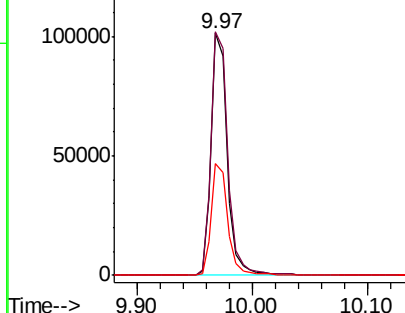
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.6
160	46.3	37.0	55.6

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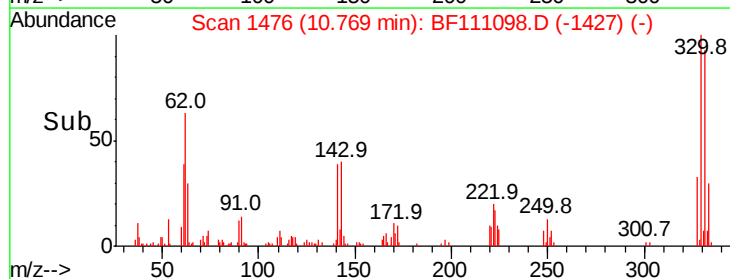
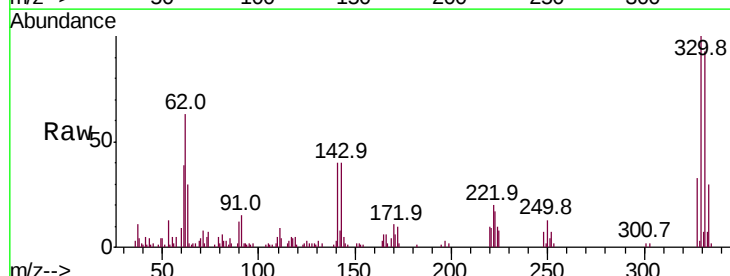
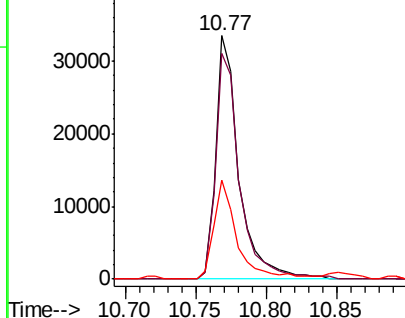
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

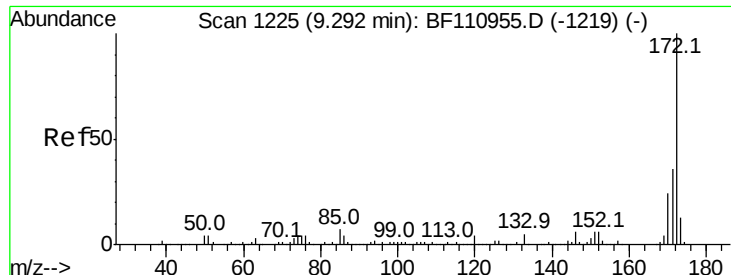


#42
2,4,6-Tribromophenol
Concen: 38.819 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	40.6	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





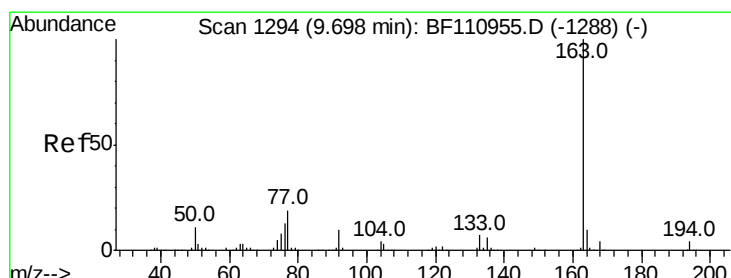
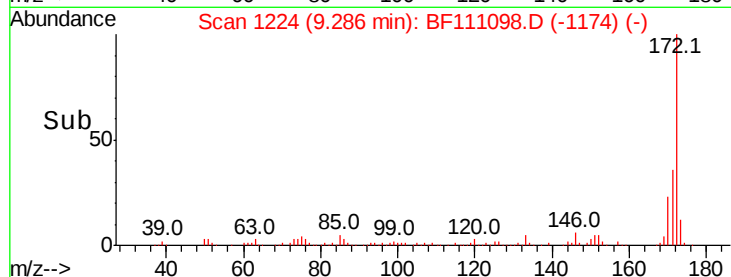
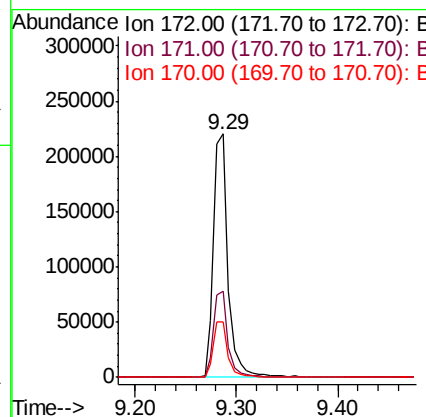
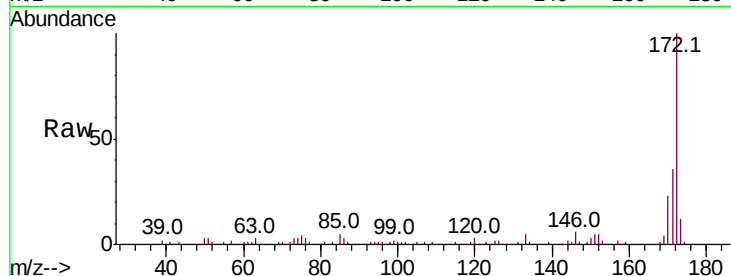
#45
2-Fluorobiphenyl
Concen: 32.503 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	221546		
171	35.6		28.6	43.0
170	22.9		19.7	29.5

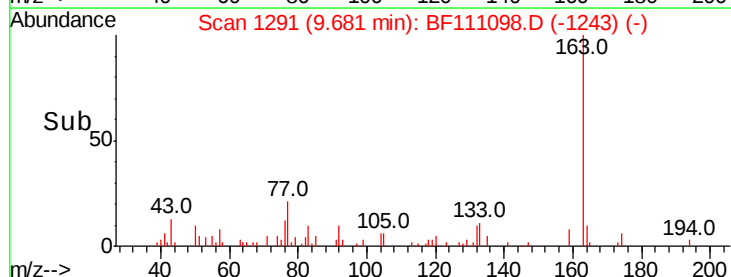
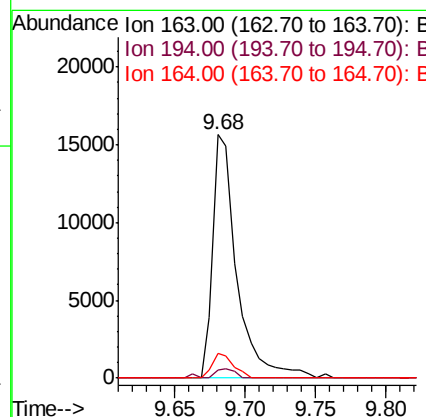
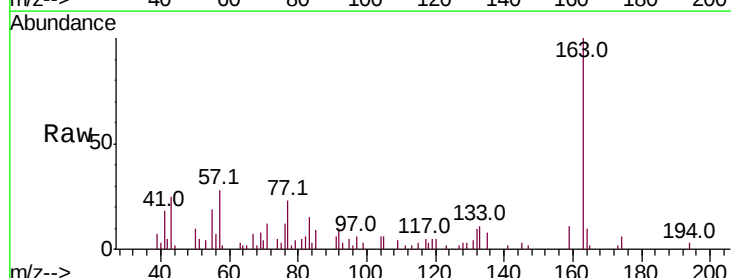
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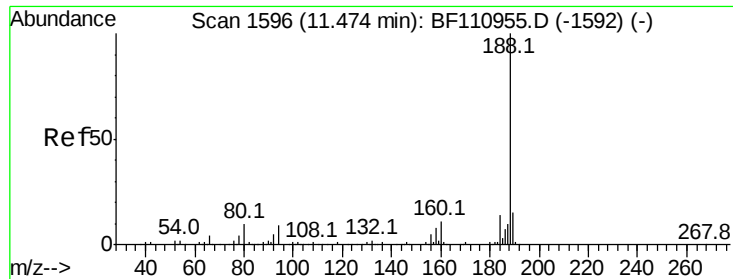
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#50
Dimethylphthalate
Concen: 2.588 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	18742		
194	3.4		3.2	4.8
164	10.1		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF111098.D

Acq: 29 Nov 2018 18:47

Instrument :

BNA_F

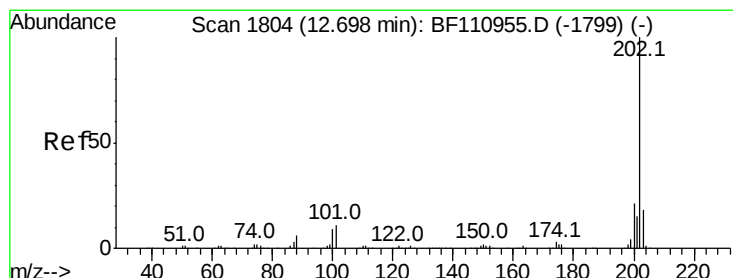
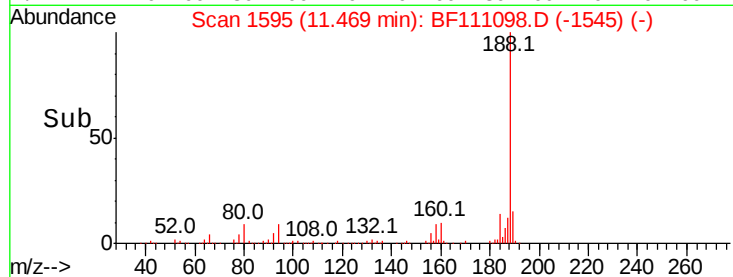
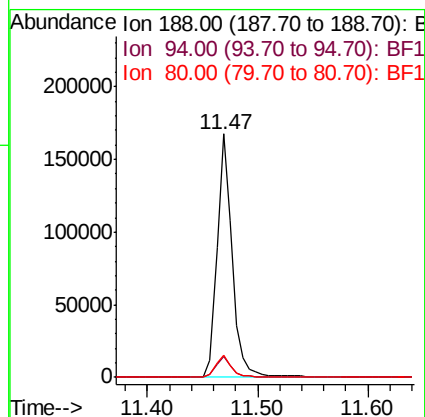
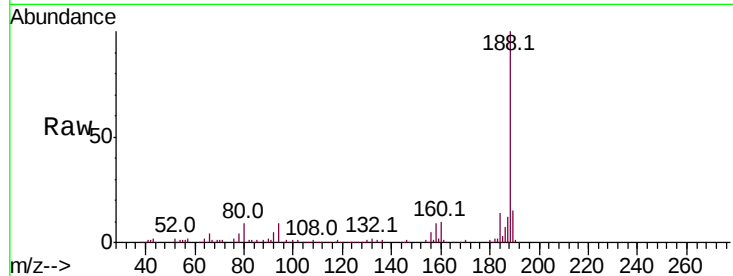
ClientSampleId :

CL-02-112818-D

Tot Ion:	188	Resp:	156879
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.2	10.8
80	9.3	7.9	11.9

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#75

Fluoranthene

Concen: 3.374 ng

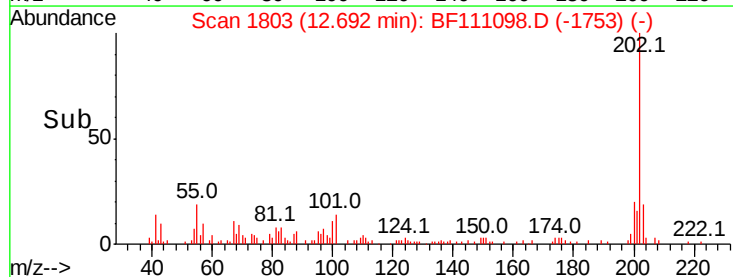
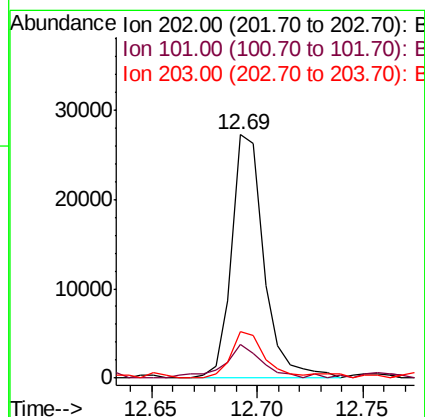
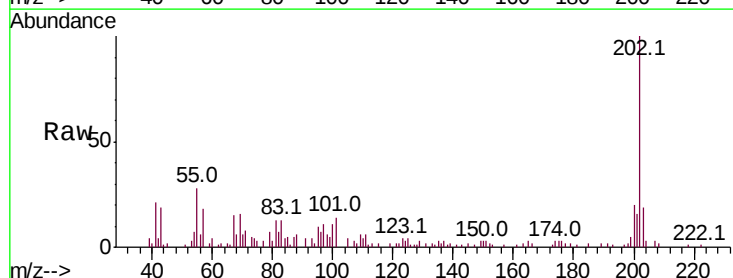
RT: 12.69 min Scan# 1803

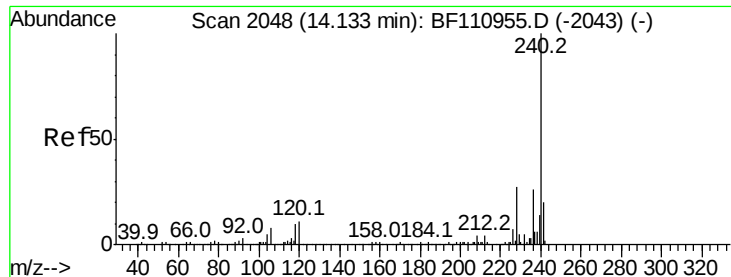
Delta R.T. -0.01 min

Lab File: BF111098.D

Acq: 29 Nov 2018 18:47

Tgt Ion:	202	Resp:	28813
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	31.4
203	19.3	0.0	37.7





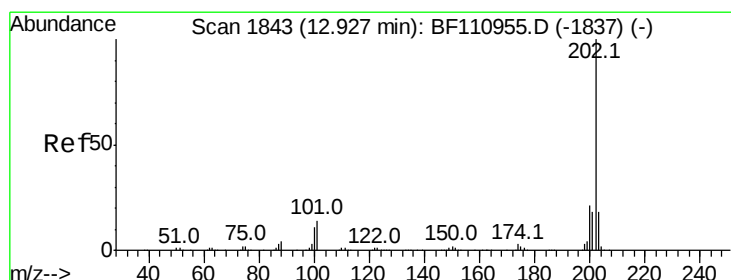
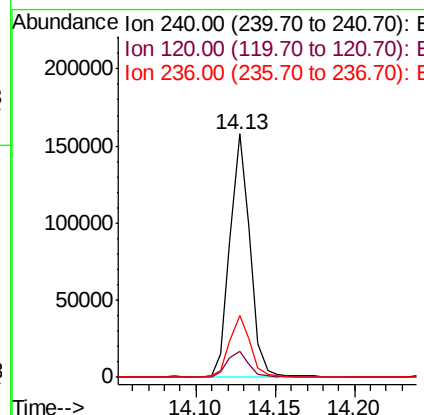
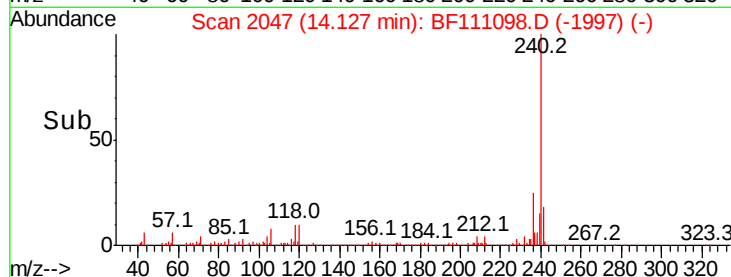
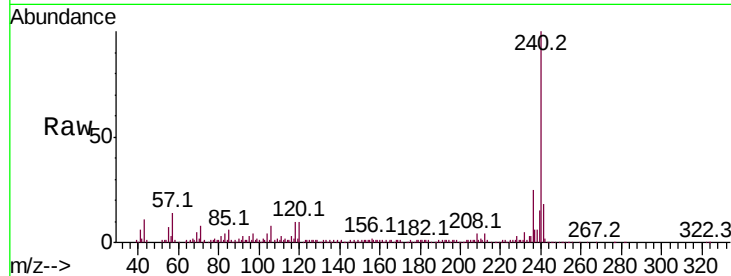
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.5	8.3	12.5	
236	25.4	21.2	31.8	

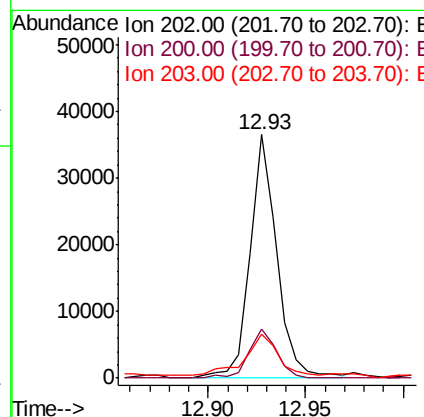
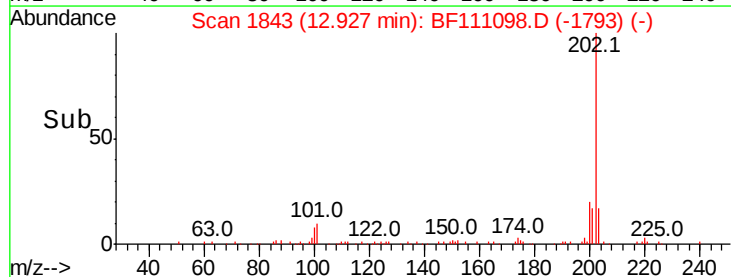
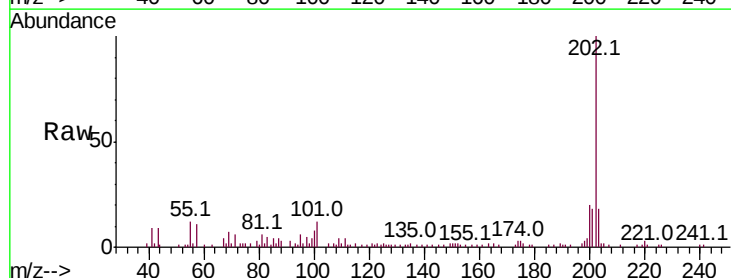
Manual Integrations
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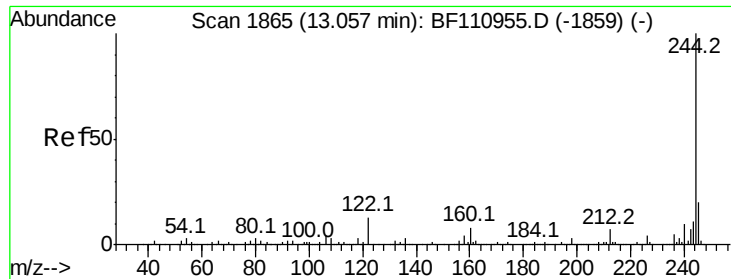
mohammad
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#78
Pyrene
Concen: 3.435 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	17.8	26.6	
203	18.1	14.2	21.4	





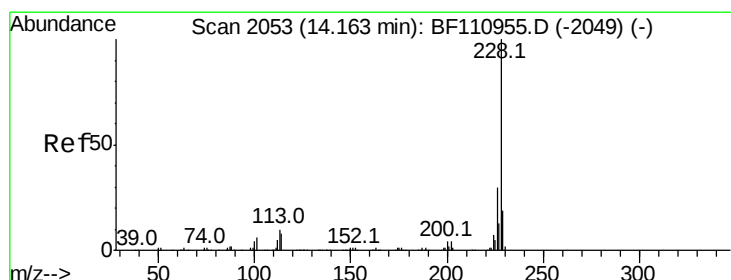
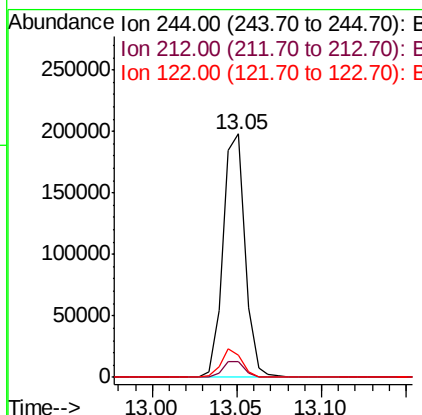
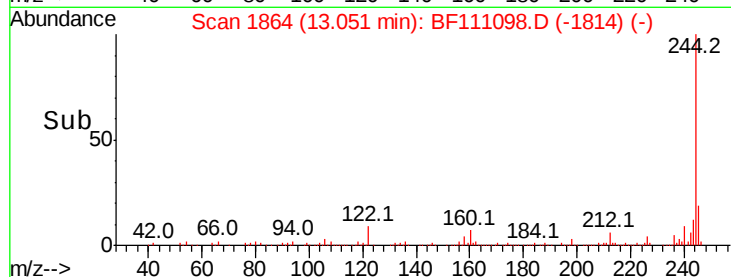
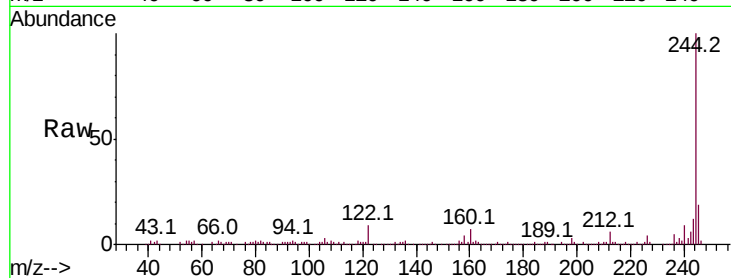
#79
 Terphenyl-d14
 Concen: 25.303 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111098.D
 Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.3	8.7	13.1

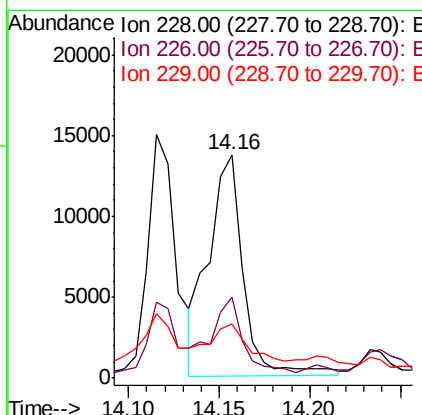
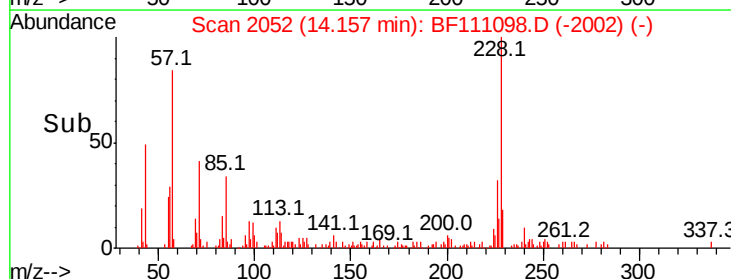
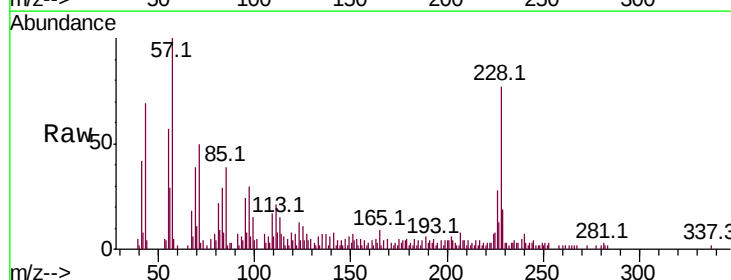
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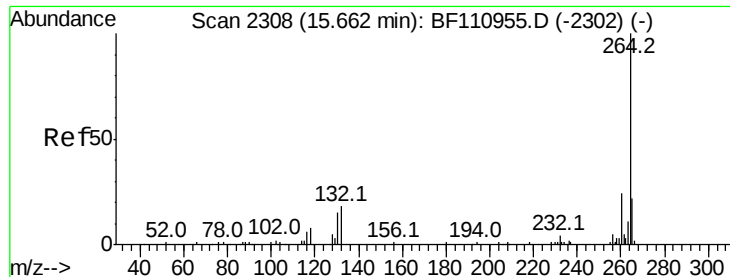
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#83
 Chrysene
 Concen: 2.288 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF111098.D
 Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.7	37.1
229	24.5	15.9	23.9





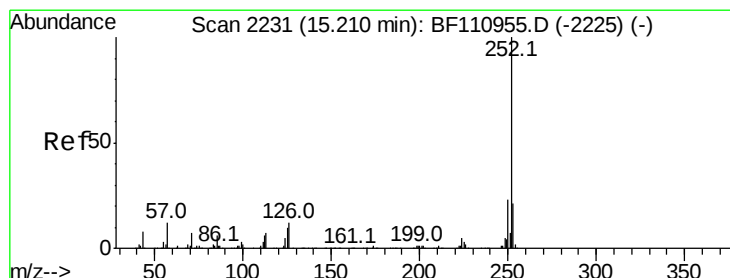
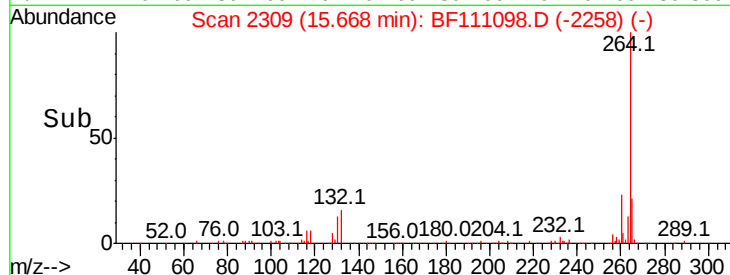
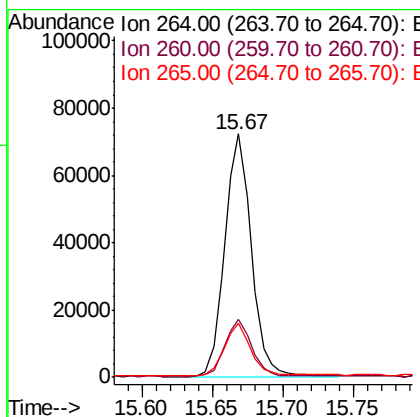
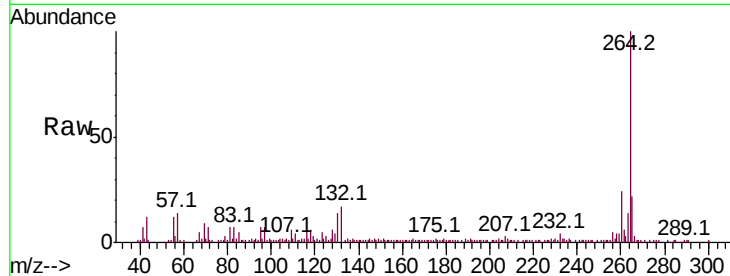
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BF111098.D
 Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	16.7	25.1

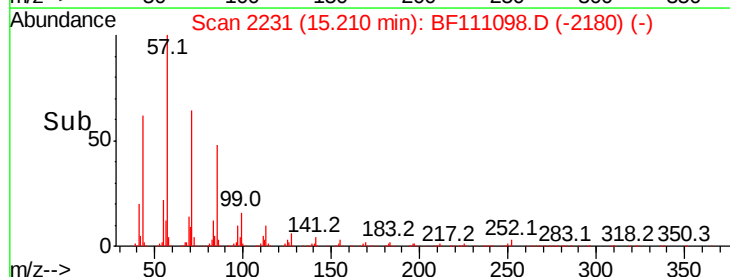
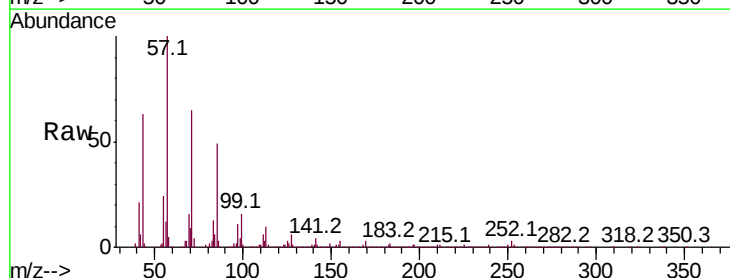
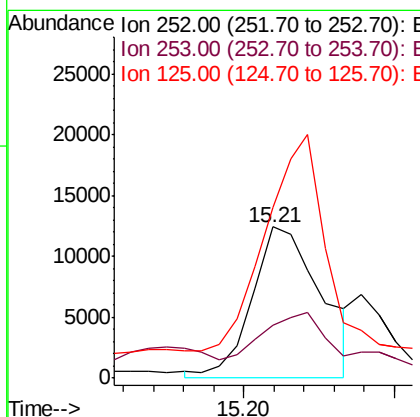
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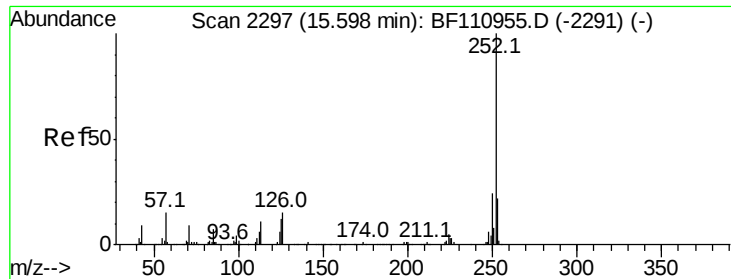
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#88
 Benzo(b)fluoranthene
 Concen: 3.545 ng m
 RT: 15.21 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BF111098.D
 Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.2	25.8#
125	113.0	8.2	12.4#





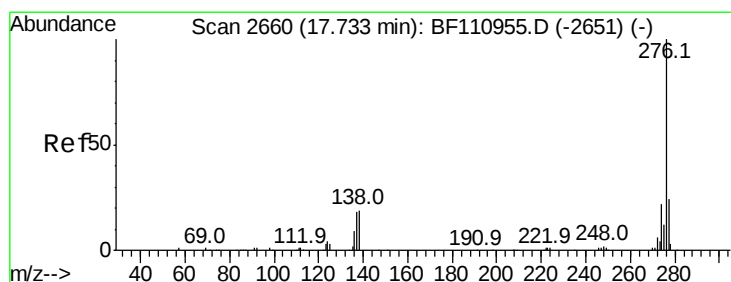
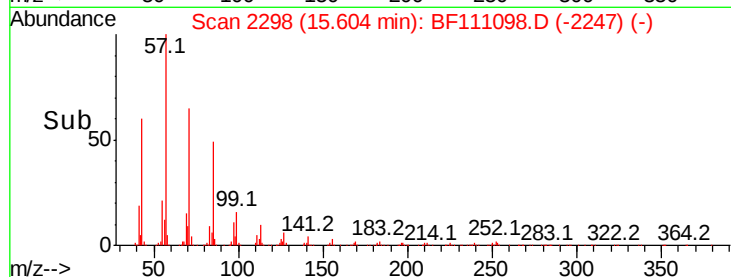
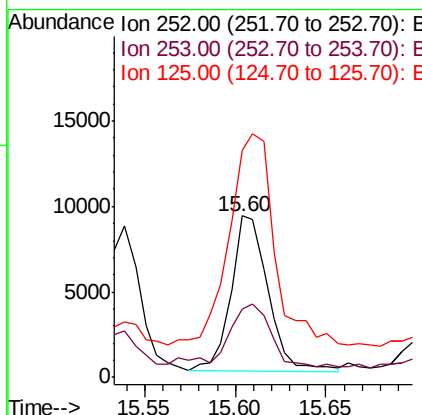
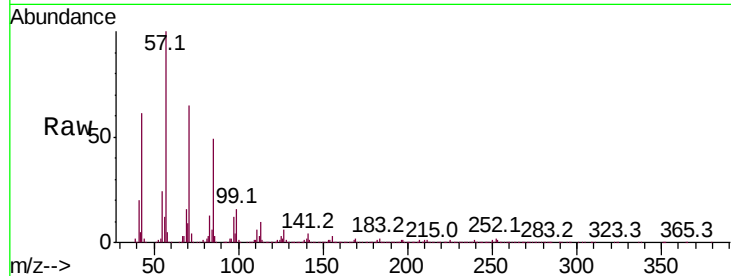
#90
Benzo(a)pyrene
Concen: 2.479 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	42.0	18.2	27.4#
125	140.6	9.0	13.6#

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#92
Benzo(g,h,i)perylene
Concen: 2.060 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.02 min
Lab File: BF111098.D
Acq: 29 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.1	18.8	28.2#
138	32.9	16.0	24.0#

