

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111097.D
 Acq On : 29 Nov 2018 18:20
 Operator : JU/SJ
 Sample : J5767-21 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 11/30/2018 3:49:44 PM

Quant Time: Nov 30 03:05:25 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	65159	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	270760	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	120511	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	186042	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150031	20.00	ng	0.00
87) Perylene-d12	15.66	264	109088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	175623	44.70	ng	0.00
7) Phenol-d6	6.56	99	235418	45.98	ng	-0.01
23) Nitrobenzene-d5	7.50	82	146487	30.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	44467	37.15	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	252055	30.30	ng	0.00
79) Terphenyl-d14	13.05	244	185809	24.11	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	18590	3.224	ng	87
50) Dimethylphthalate	9.69	163	25486	2.884	ng	98
71) Phenanthrene	11.49	178	36635	3.718	ng	99
75) Fluoranthene	12.69	202	46933	4.634	ng	98
78) Pyrene	12.93	202	42445	3.873	ng	98
81) Benzo(a)anthracene	14.12	228	21258m	2.400	ng	
83) Chrysene	14.15	228	18952	2.173	ng	98
88) Benzo(b)fluoranthene	15.21	252	18004m	2.809	ng	
90) Benzo(a)pyrene	15.60	252	12874	2.158	ng	# 82

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

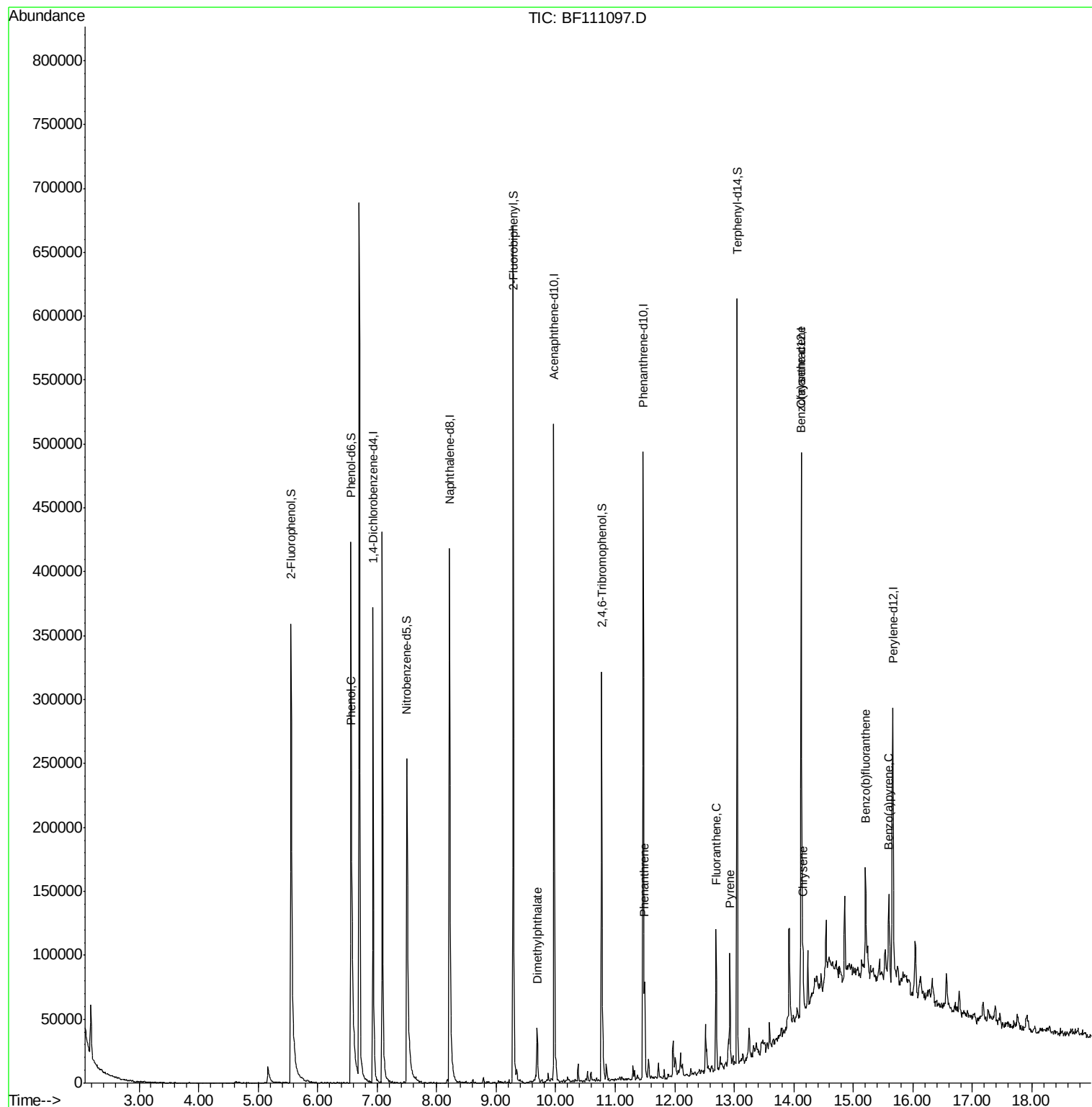
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

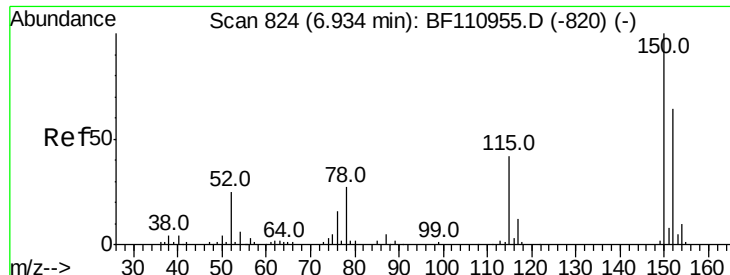
Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

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Quant Time: Nov 30 03:05:25 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

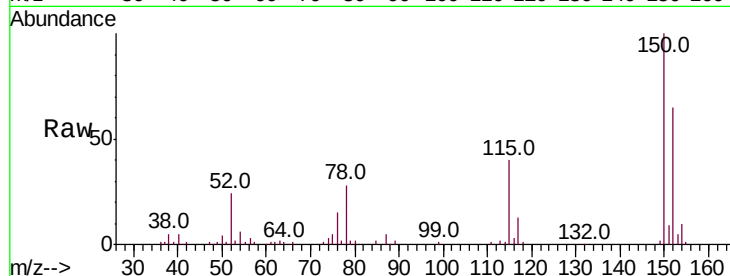
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	62.5	49.1	73.7

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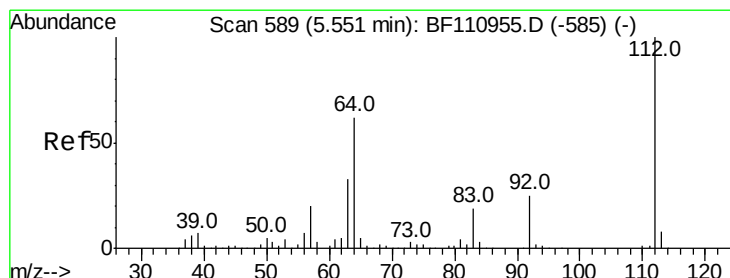
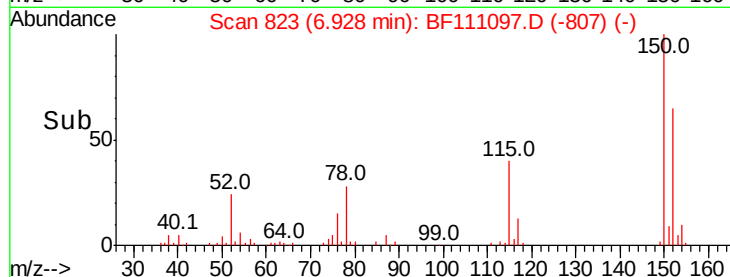
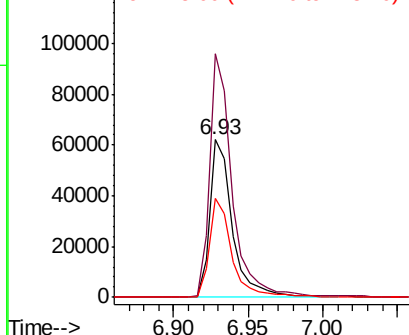


Abundance

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: 44.697 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

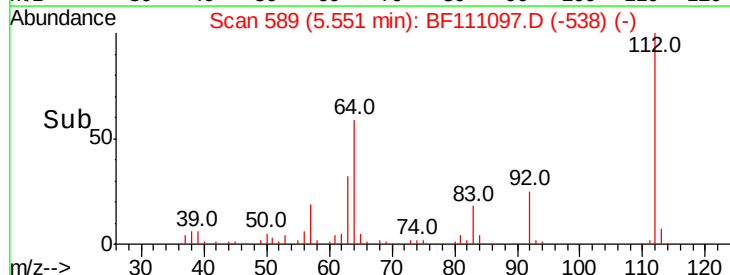
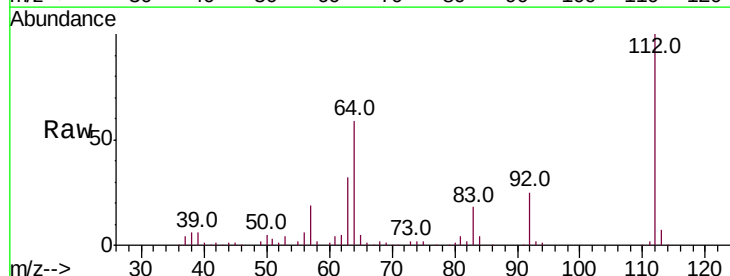
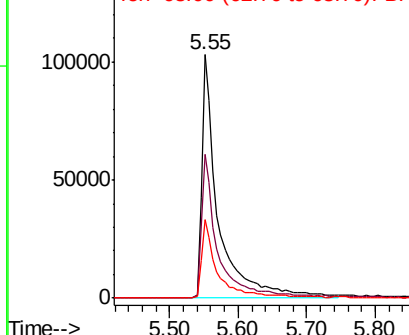
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	32.1	23.7	35.5

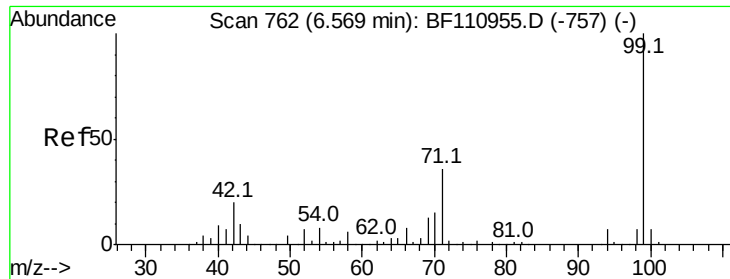
Abundance

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: 45.976 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

Instrument :

BNA_F

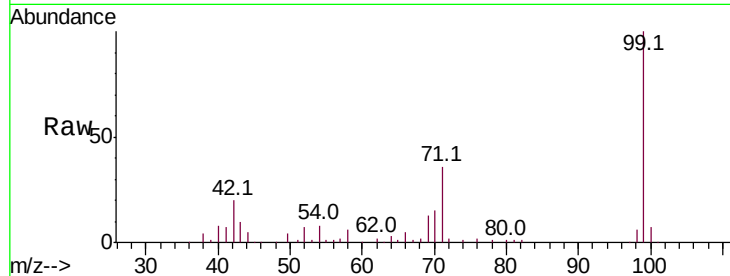
ClientSampleId :

CL-02-112818-C

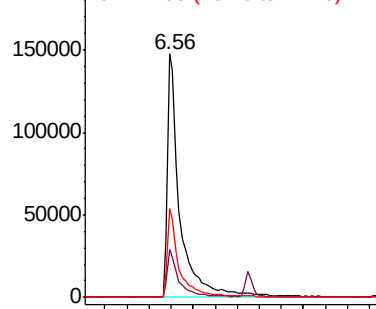
Tot Ion:	99	Resp:	235418
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.4	28.0	42.0

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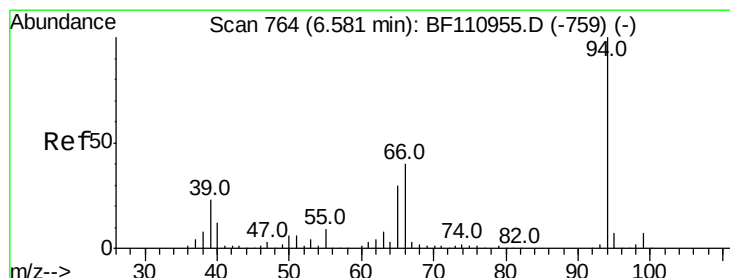
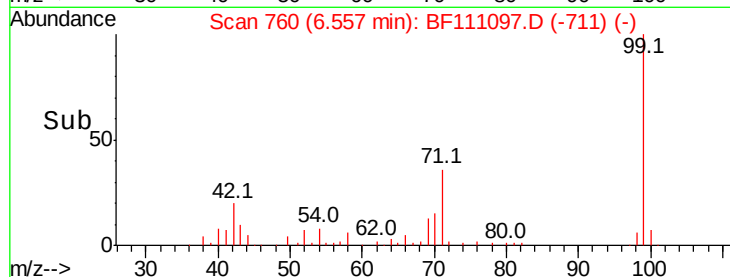
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 3.224 ng

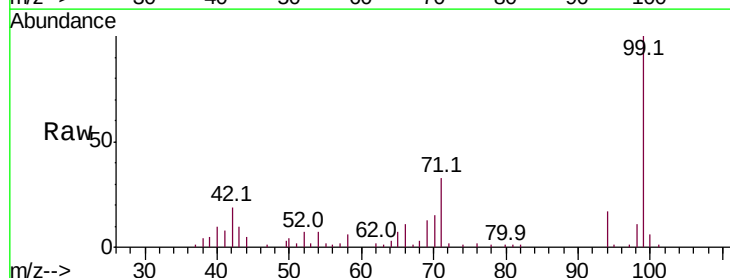
RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

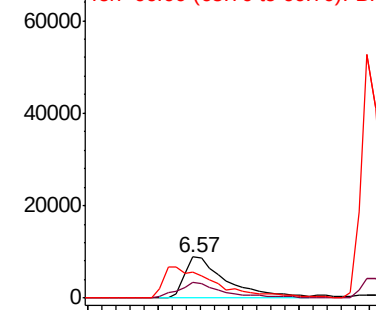
Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

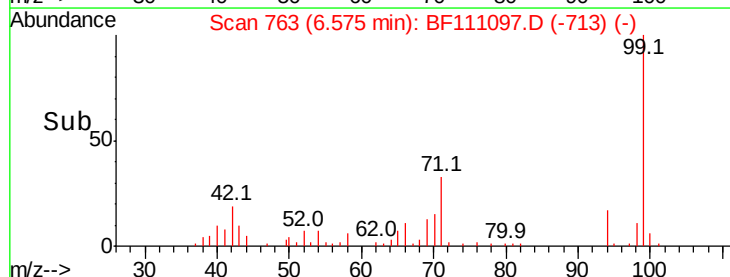
Tgt Ion:	94	Resp:	18590
Ion	Ratio	Lower	Upper
94	100		
65	38.6	25.3	65.3
66	62.2	54.5	94.5

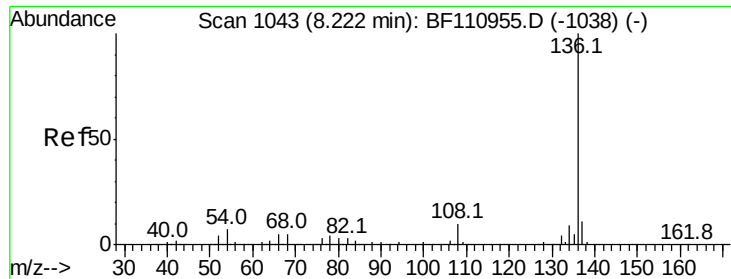


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





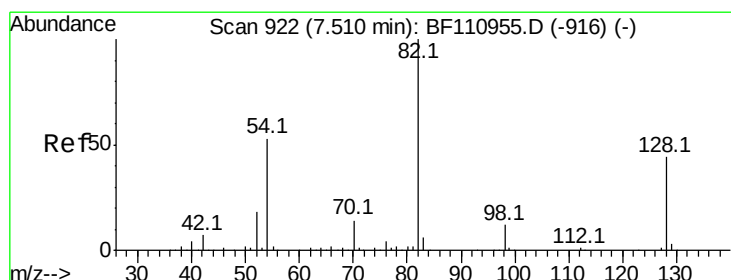
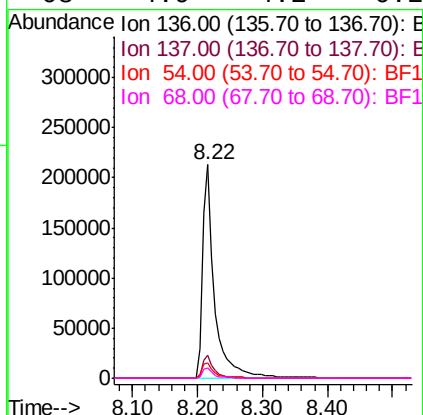
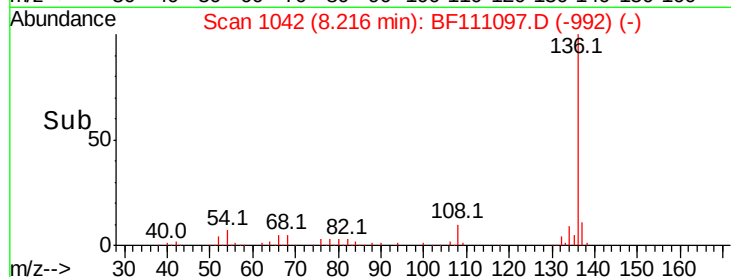
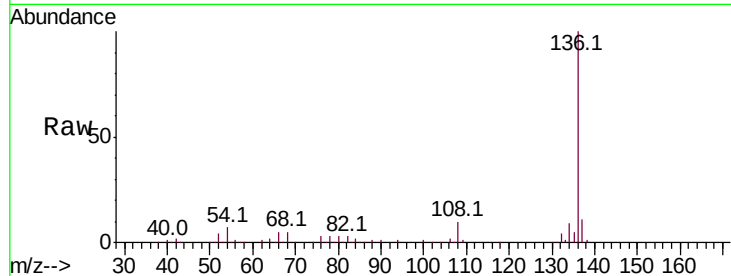
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	7.2	5.4	8.2	
68	4.9	4.2	6.2	

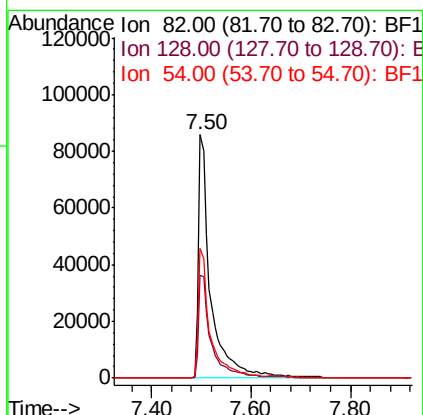
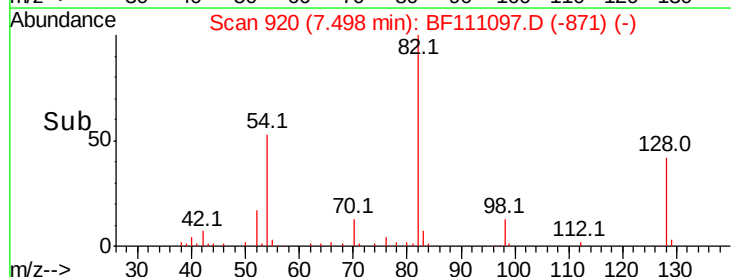
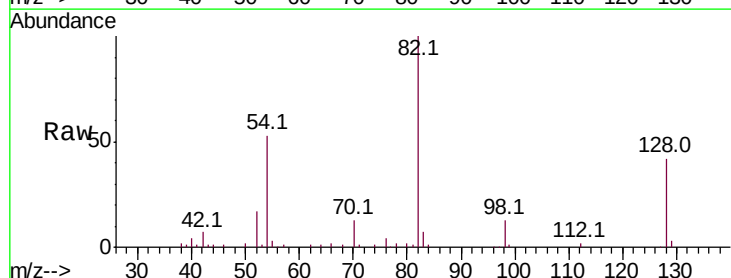
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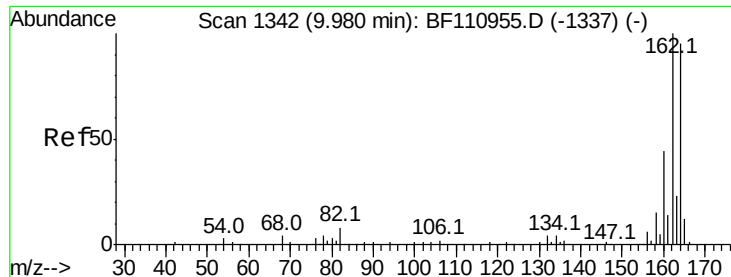
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#23
Nitrobenzene-d5
Concen: 30.963 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	34.2	51.2	
54	53.2	38.6	58.0	





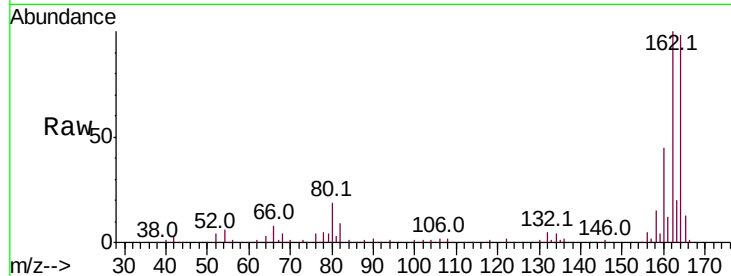
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

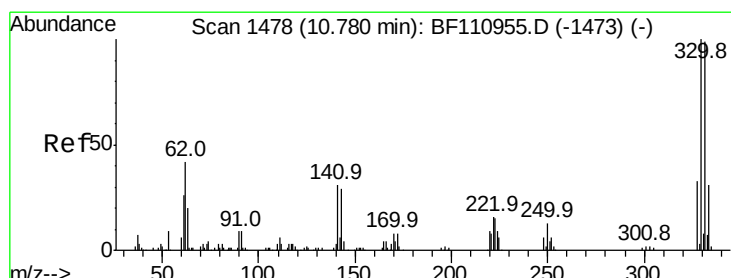
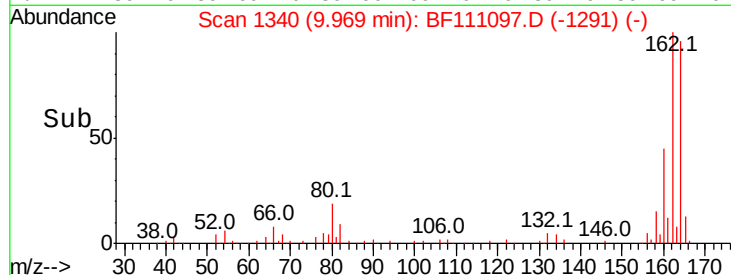
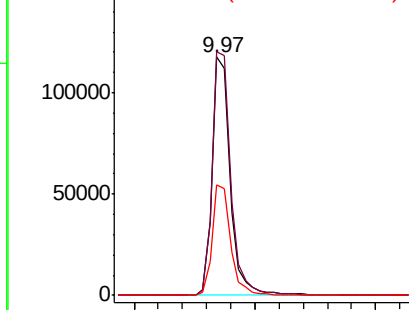
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	83.0	124.6	
160	46.3	37.0	55.6	

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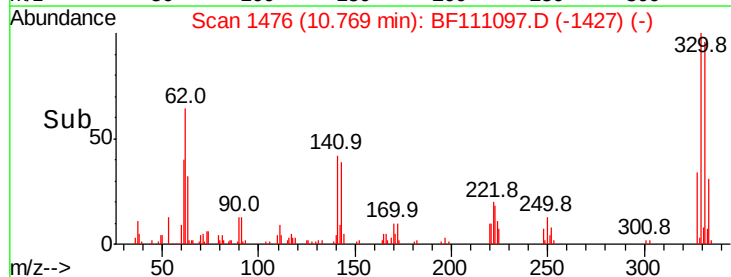
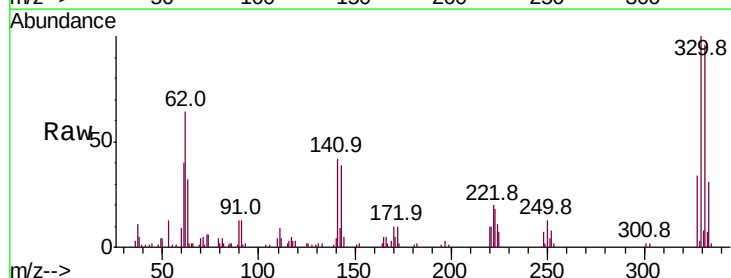
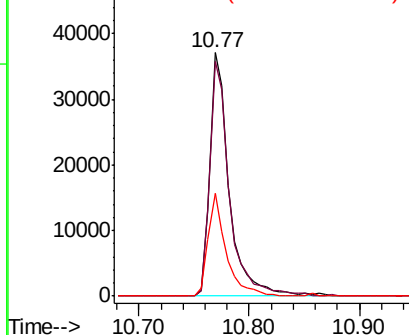
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

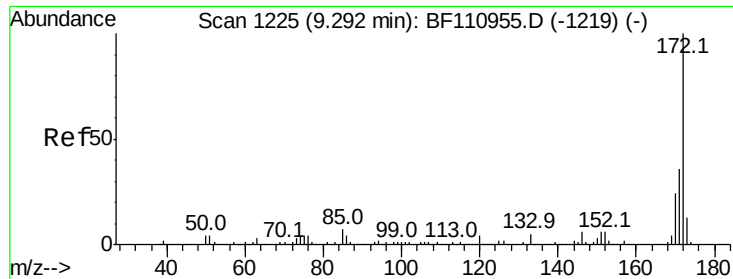


#42
2,4,6-Tribromophenol
Concen: 37.154 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.1	115.7	
141	38.6	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





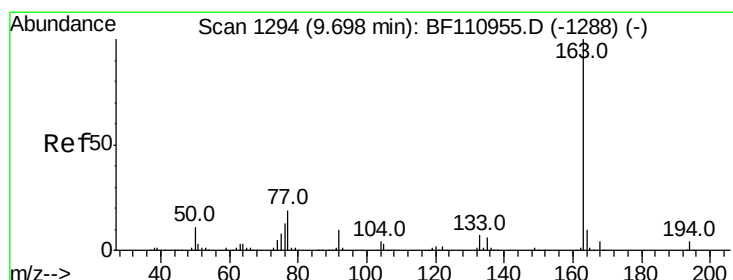
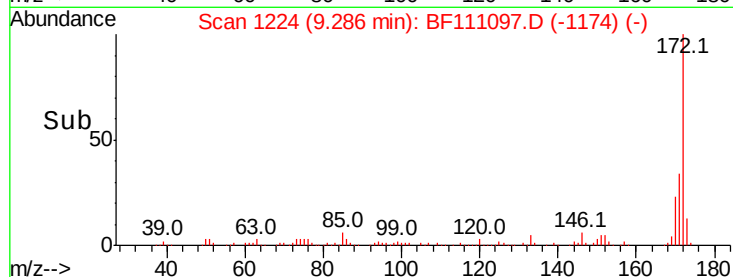
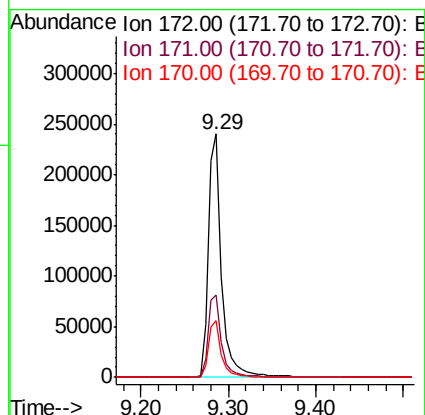
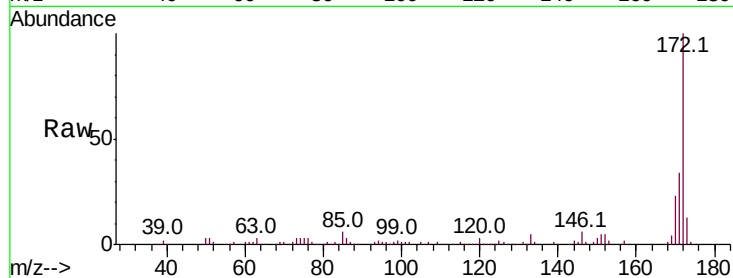
#45
2-Fluorobiphenyl
Concen: 30.302 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	252055		
171	33.9		28.6	43.0
170	23.4		19.7	29.5

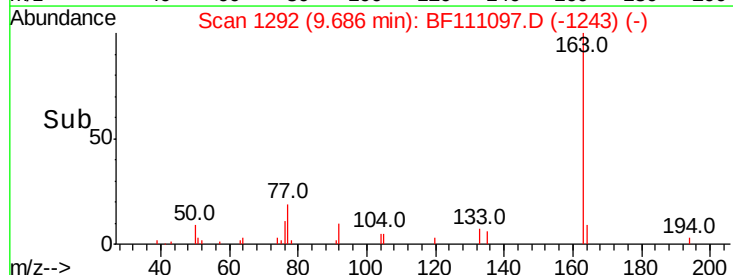
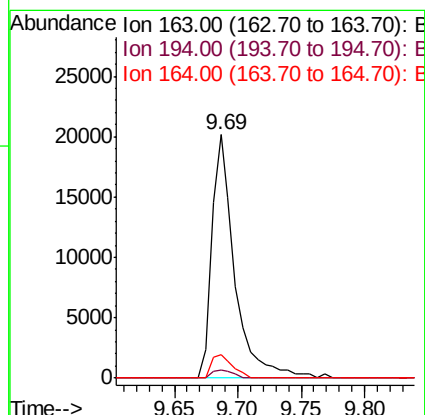
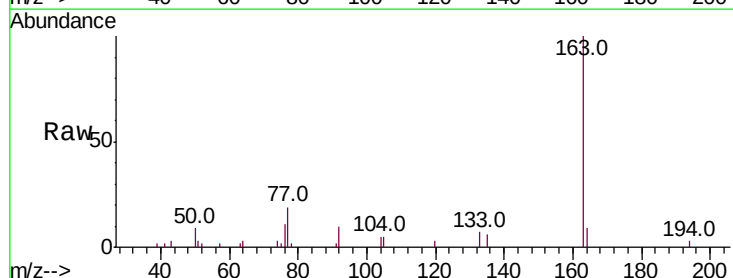
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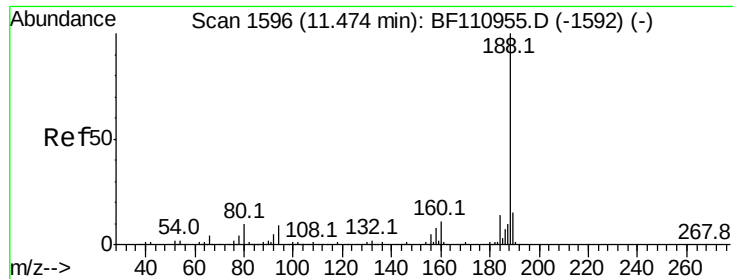
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#50
Dimethylphthalate
Concen: 2.884 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	25486		
194	3.2		3.2	4.8
164	9.4		8.1	12.1





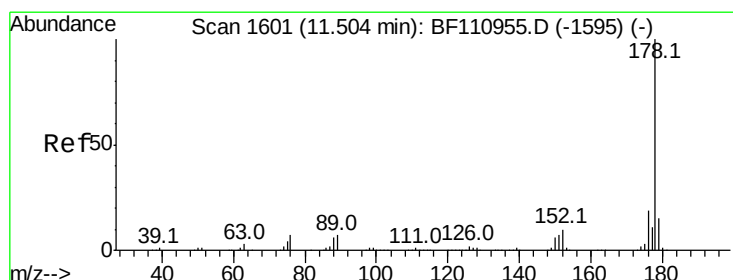
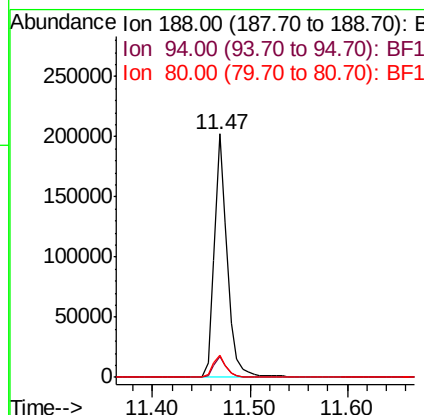
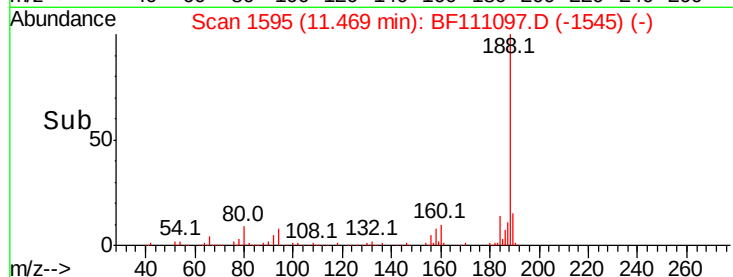
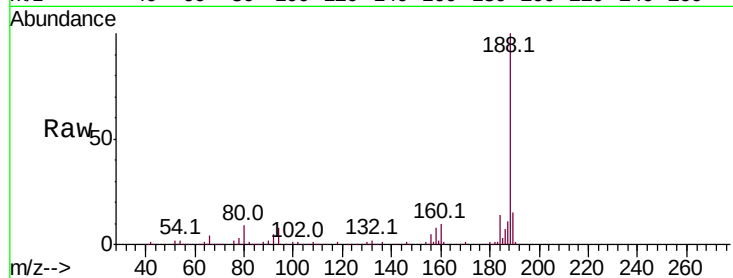
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

Tot Ion:	188	Resp:	186042
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	9.1	7.9	11.9

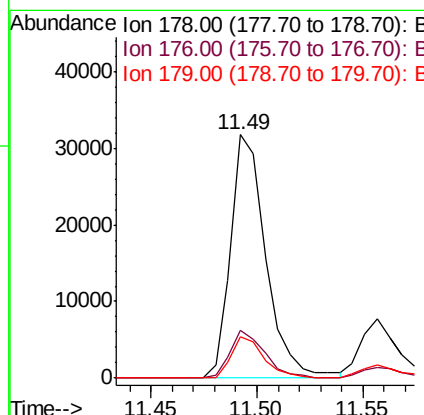
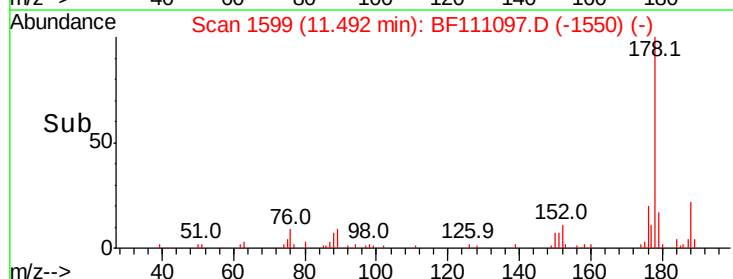
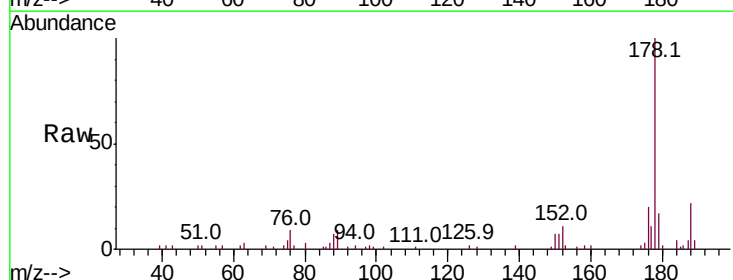
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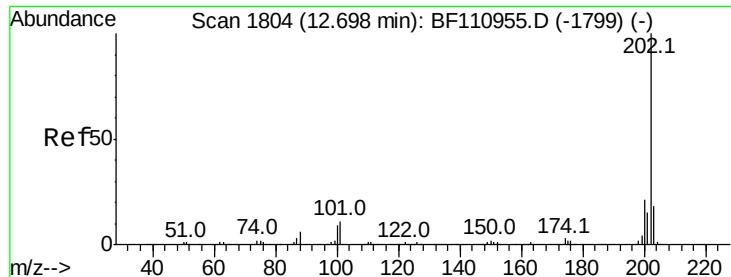
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#71
Phenanthrene
Concen: 3.718 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:	178	Resp:	36635
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.5	23.3
179	16.7	12.5	18.7





#75

Fluoranthene

Concen: 4.634 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

Instrument :

BNA_F

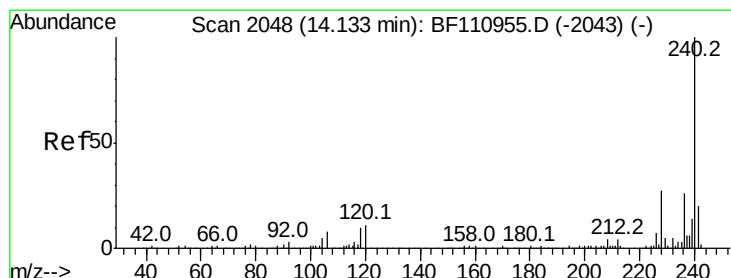
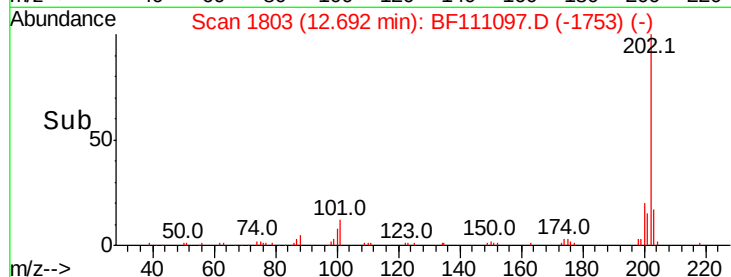
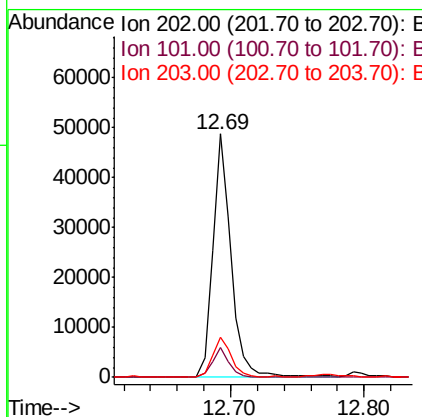
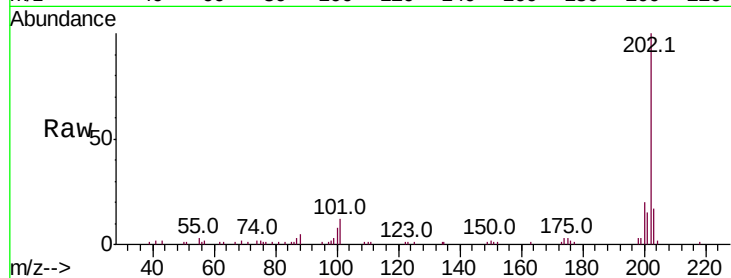
ClientSampleId :

CL-02-112818-C

Tot Ion:	202	Resp:	46933
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	31.4
203	16.7	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

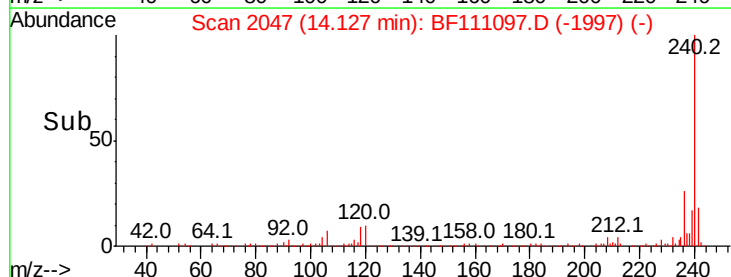
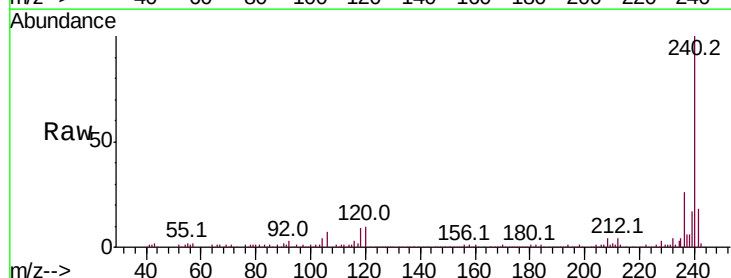
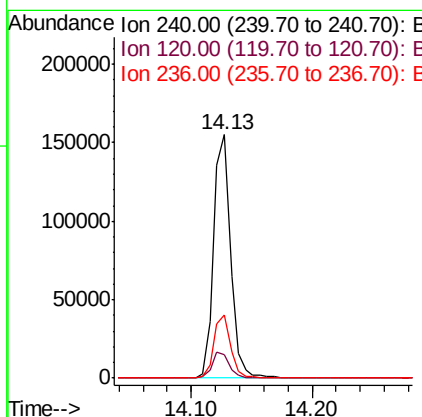
RT: 14.13 min Scan# 2047

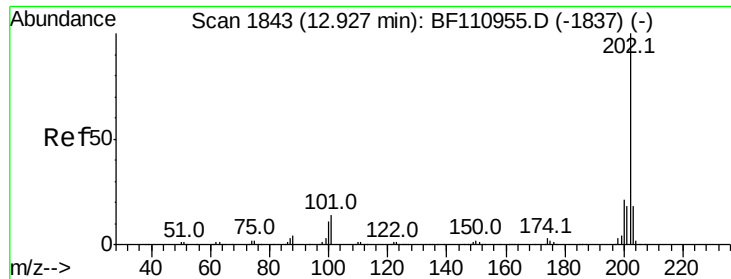
Delta R.T. -0.01 min

Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

Tgt Ion:	240	Resp:	150031
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.3	12.5
236	26.0	21.2	31.8





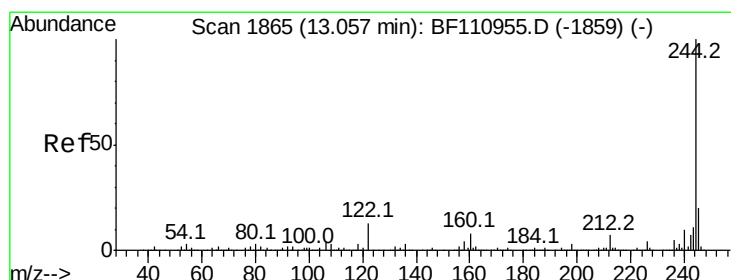
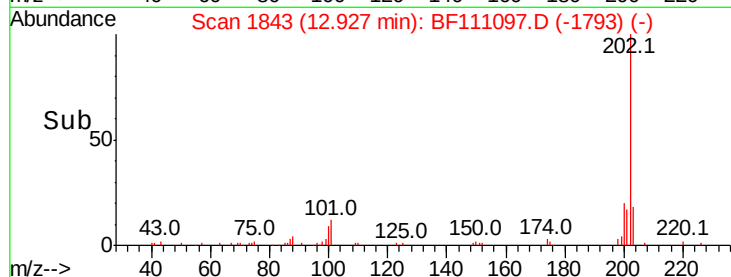
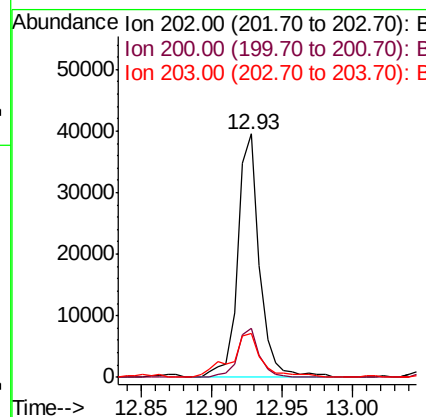
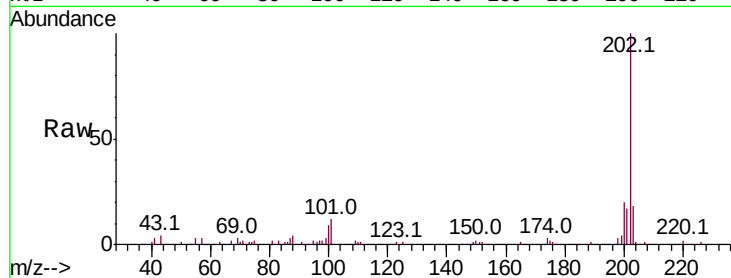
#78
Pvrene
Concen: 3.873 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.9	14.2	21.4

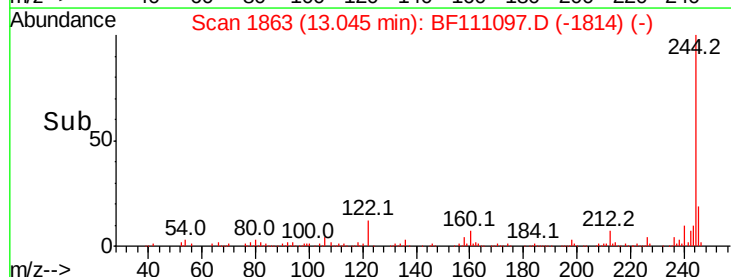
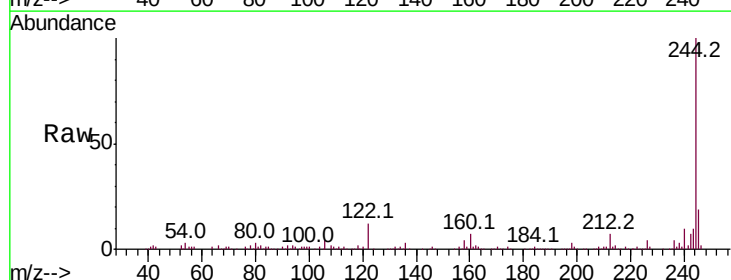
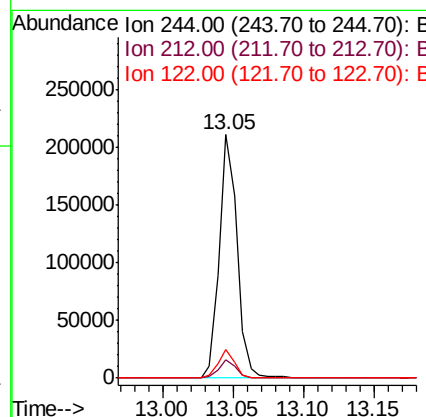
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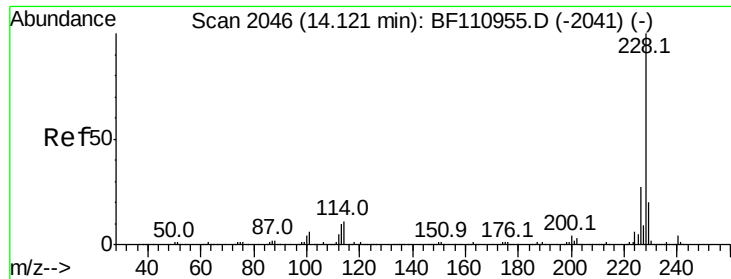
mohammad
11/30/2018 3:49:44 PM



#79
Terphenyl-d14
Concen: 24.109 ng
RT: 13.05 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	8.7	13.1





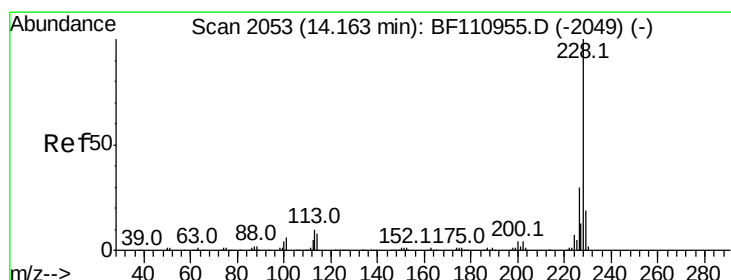
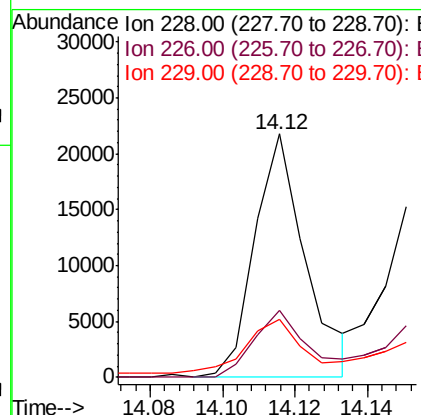
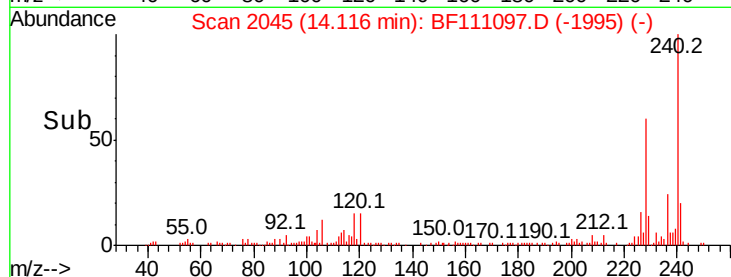
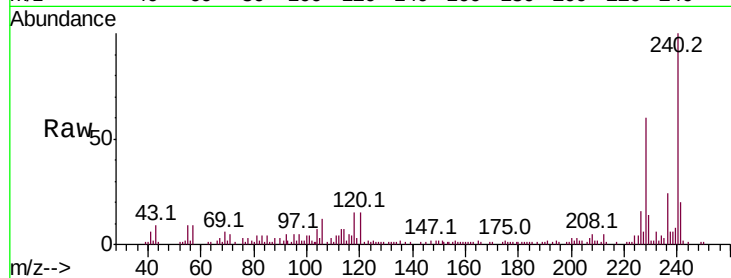
#81
Benzo(a)anthracene
Concen: 2.400 ng m
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	23.9	15.6	23.4

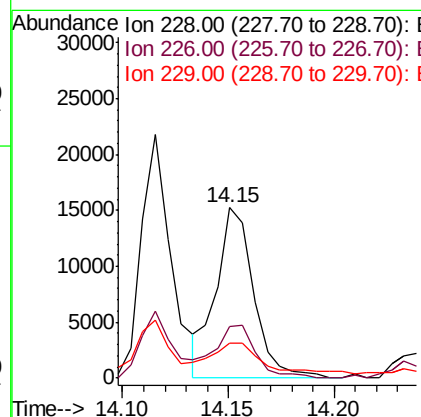
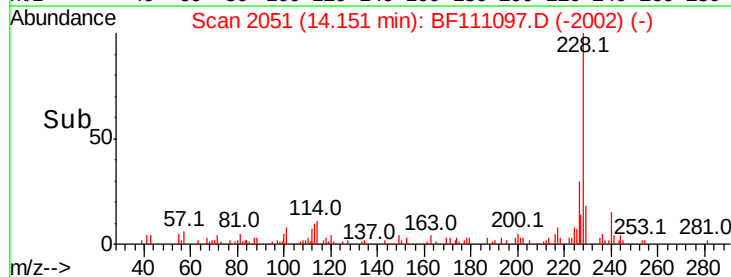
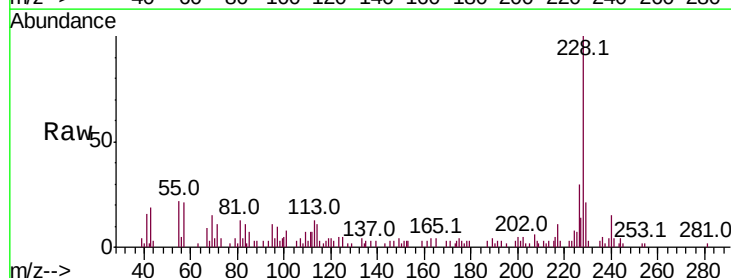
Manual Integrations
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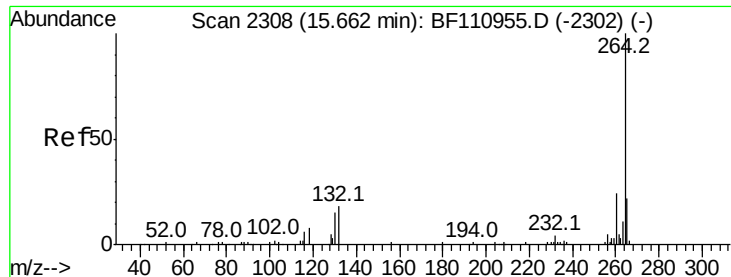
mohammad
11/30/2018 3:49:44 PM



#83
Chrysene
Concen: 2.173 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.5	15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

Instrument :

BNA_F

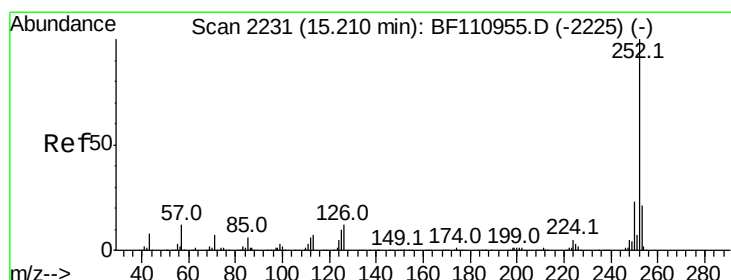
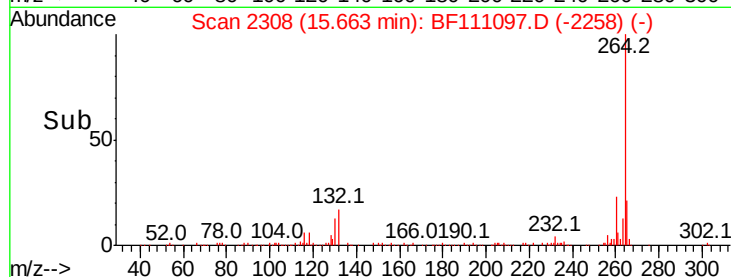
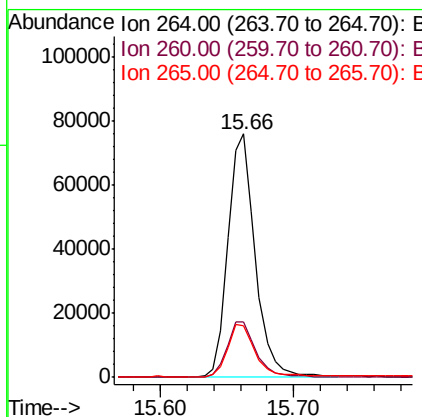
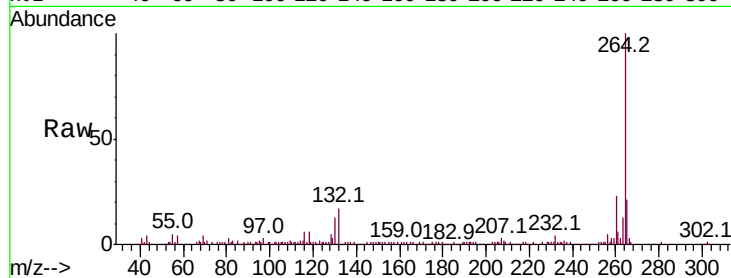
ClientSampleId :

CL-02-112818-C

Tot Ion:	264	Resp:	109088
Ion Ratio		Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.0	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.809 ng m

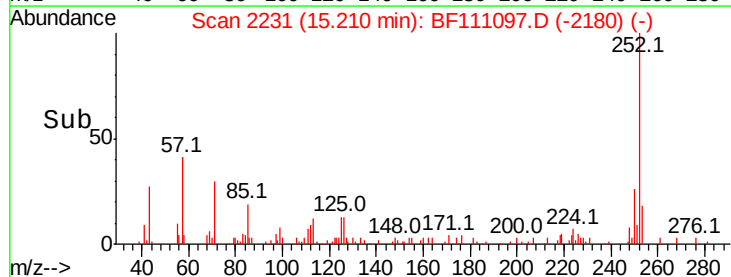
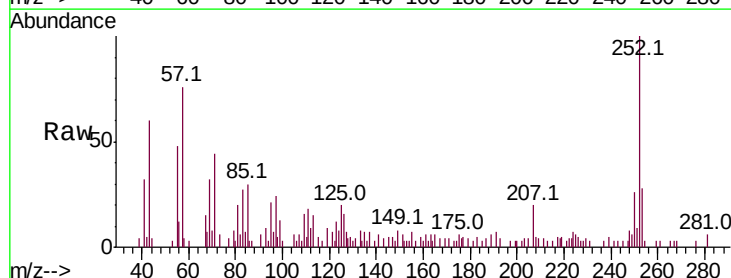
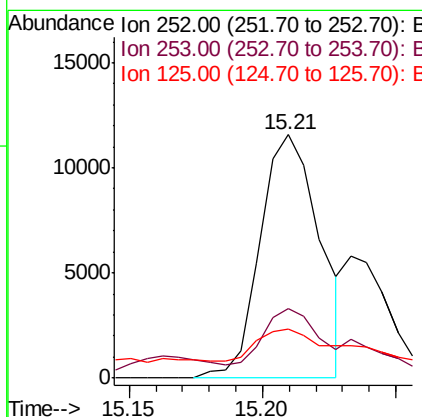
RT: 15.21 min Scan# 2231

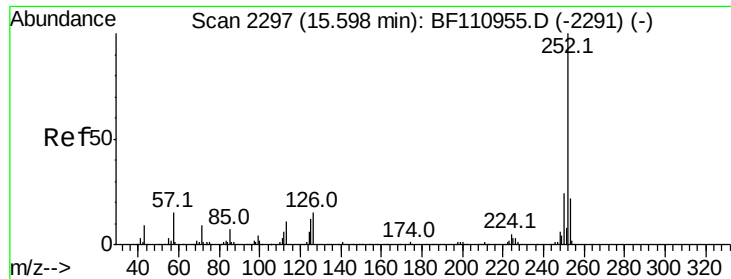
Delta R.T. 0.00 min

Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

Tgt Ion:	252	Resp:	18004
Ion Ratio		Lower	Upper
252	100		
253	28.5	17.2	25.8#
125	20.1	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 2.158 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BF111097.D

Acq: 29 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

CL-02-112818-C

Tot Ion:	252	Resp:	12874
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.2	27.4
125	26.4	9.0	13.6

Manual Integrations
APPROVED

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