

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017912.D
 Acq On : 04 Dec 2018 20:59
 Operator : JU/SJ
 Sample : J5770-15 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-112918-B

Manual Integrations
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mohammad
 12/5/2018 4:50:04 PM

Quant Time: Dec 05 01:07:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	290455	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1120798	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	554831	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1026992	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	946937	20.00	ng	-0.02
87) Perylene-d12	23.38	264	1040240	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	873558	50.76	ng	-0.03
7) Phenol-d6	6.77	99	1174177	48.85	ng	-0.03
23) Nitrobenzene-d5	8.73	82	691232	31.84	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	348725	43.74	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1522675	35.60	ng	-0.04
79) Terphenyl-d14	19.63	244	1484822	35.54	ng	-0.02
Target Compounds						
10) Phenol	6.80	94	69225	2.744	ng	Qvalue 94
50) Dimethylphthalate	13.70	163	106304	2.357	ng	99
71) Phenanthrene	17.03	178	254141	4.560	ng	99
75) Fluoranthene	19.05	202	461071	7.312	ng	99
78) Pyrene	19.42	202	459639	7.867	ng	99
81) Benzo(a)anthracene	21.17	228	270960	4.967	ng	95
83) Chrysene	21.23	228	265745m	5.015	ng	
86) Indeno(1,2,3-cd)pyrene	25.54	276	207398	4.898	ng	96
88) Benzo(b)fluoranthene	22.73	252	402948m	6.614	ng	
89) Benzo(k)fluoranthene	22.76	252	126883m	2.061	ng	
90) Benzo(a)pyrene	23.28	252	279626	5.034	ng	# 94
92) Benzo(a,h,i)perylene	26.21	276	199026	4.532	ng	97

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

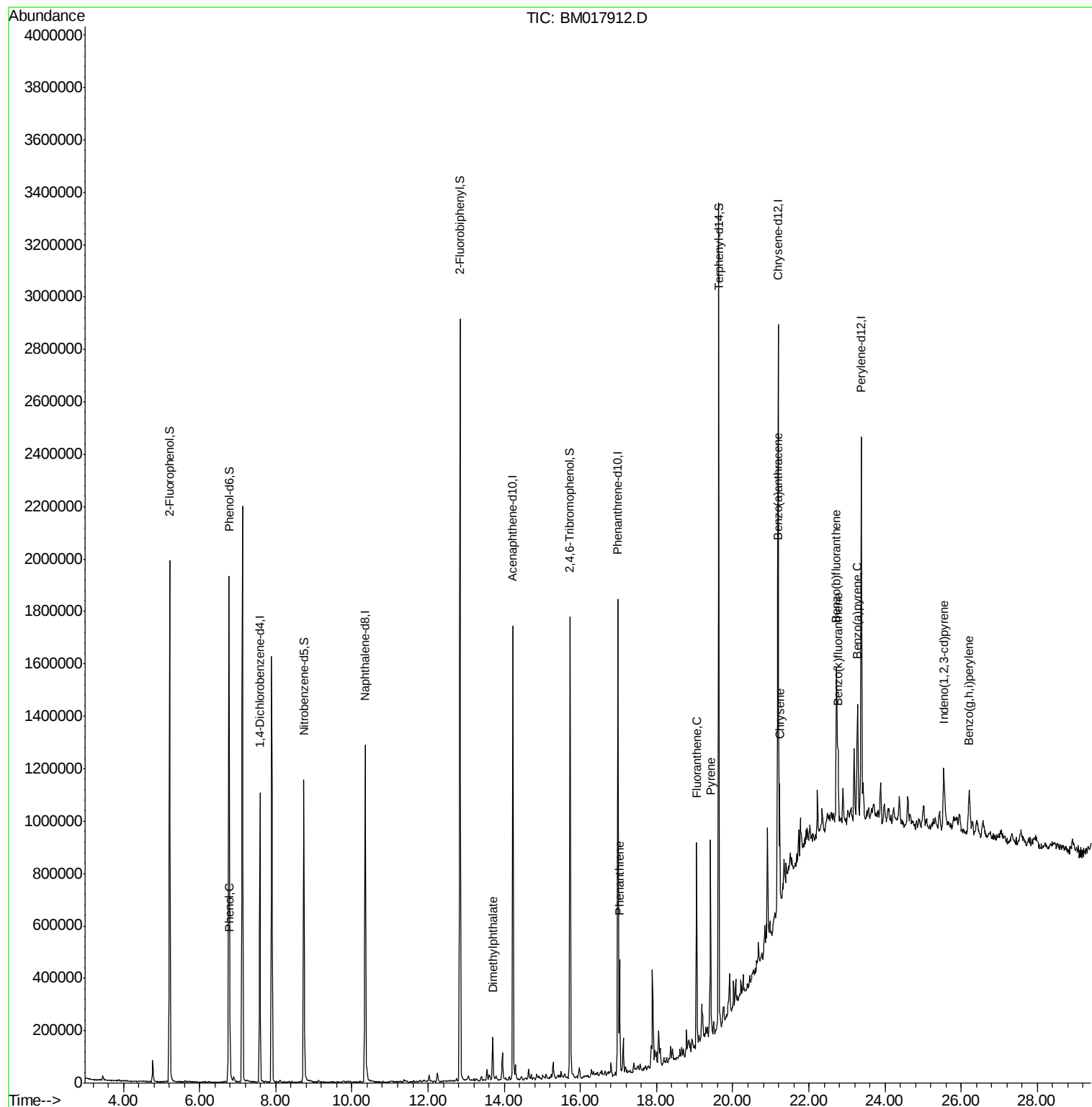
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017912.D
Acq On : 04 Dec 2018 20:59
Operator : JU/SJ
Sample : J5770-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

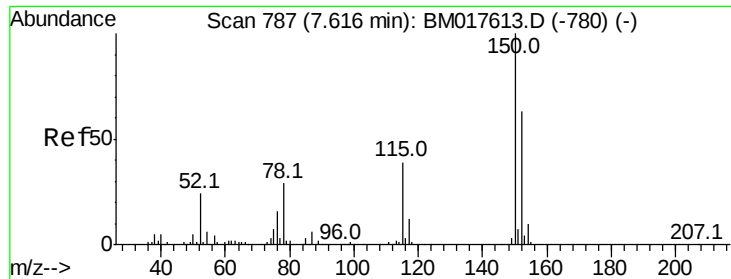
Instrument :
BNA_M
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OR-03-112918-B

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Quant Time: Dec 05 01:07:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

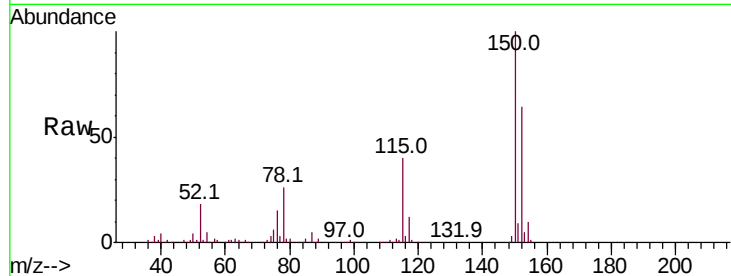
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.4	189.6
115	62.4	49.4	74.0

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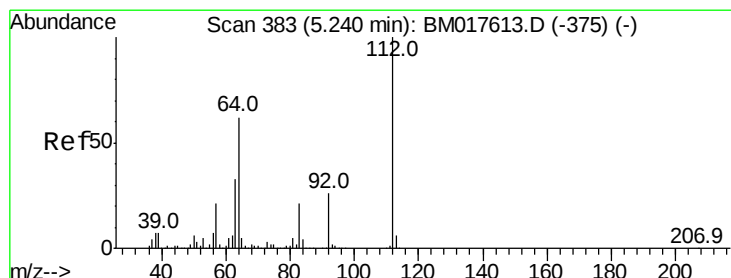
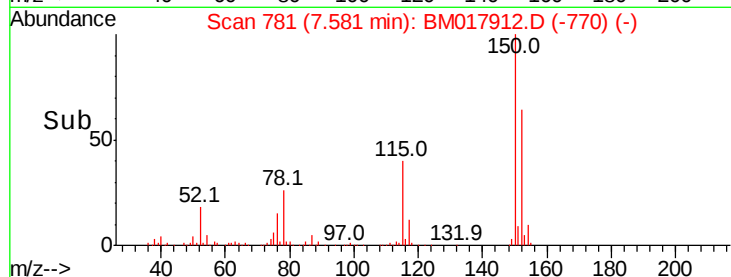
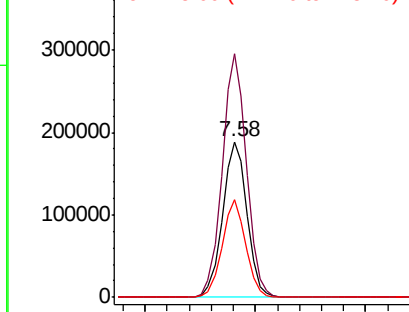


Abundance

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: 50.757 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

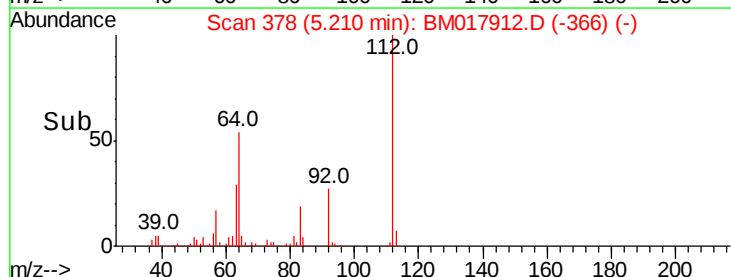
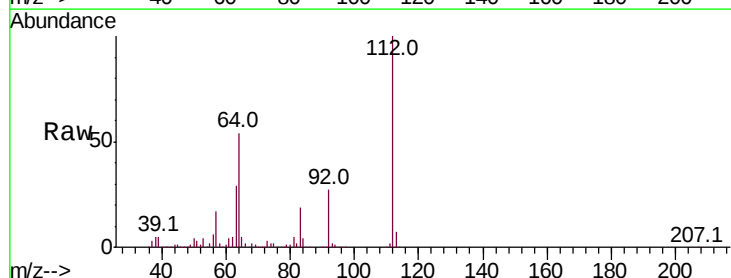
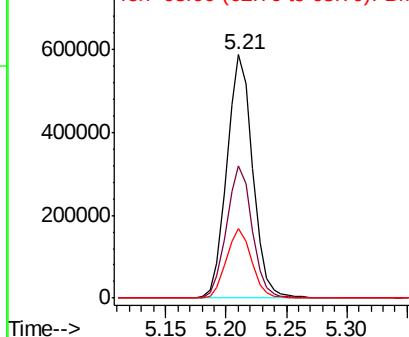
Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	49.3	73.9
63	28.6	26.2	39.4

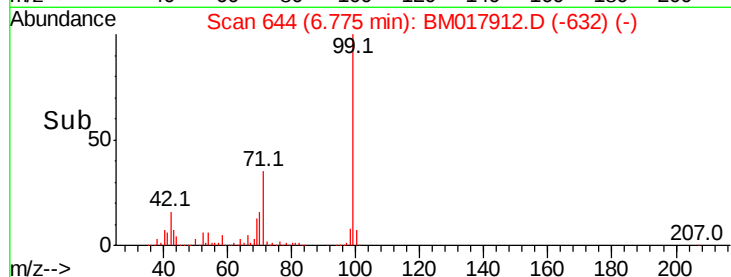
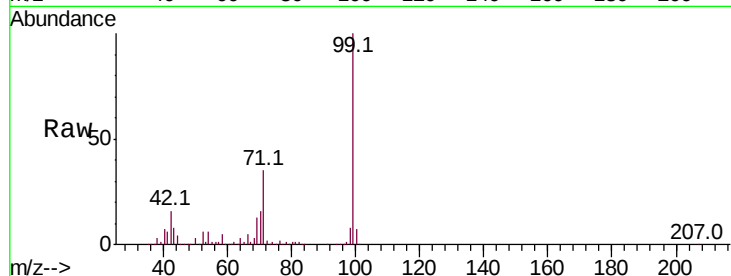
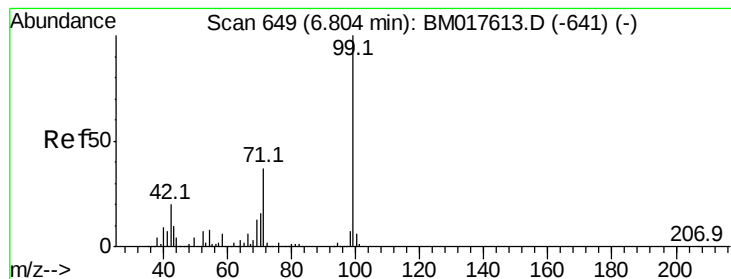
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 48.848 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Tot Ion: 99 Resp: 1174177

Ion Ratio Lower Upper

99 100

42 16.1 16.3 24.5#

71 35.2 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

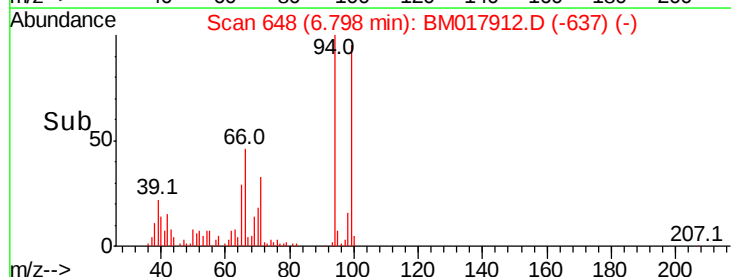
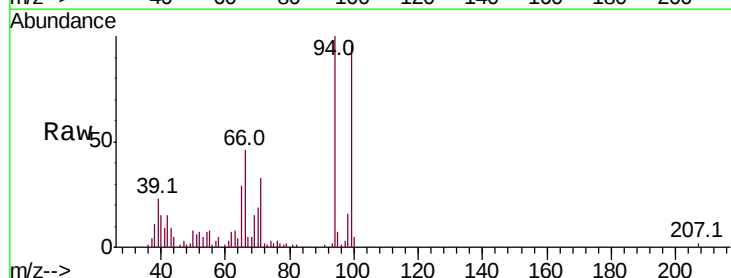
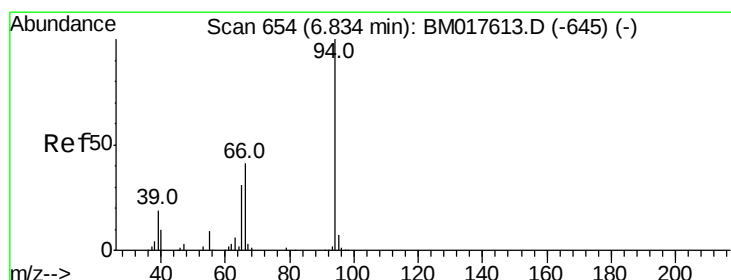
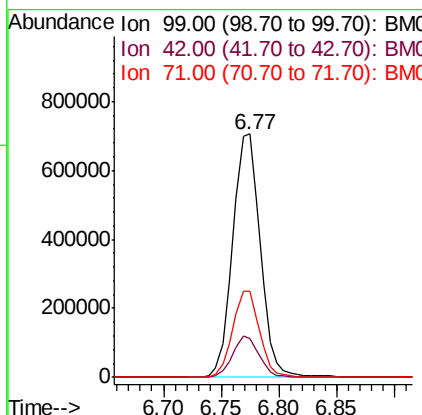
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#10

Phenol

Concen: 2.744 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

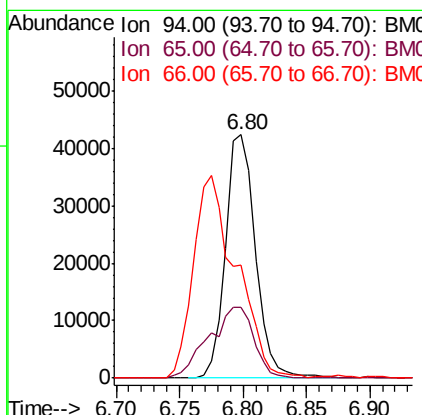
Tgt Ion: 94 Resp: 69225

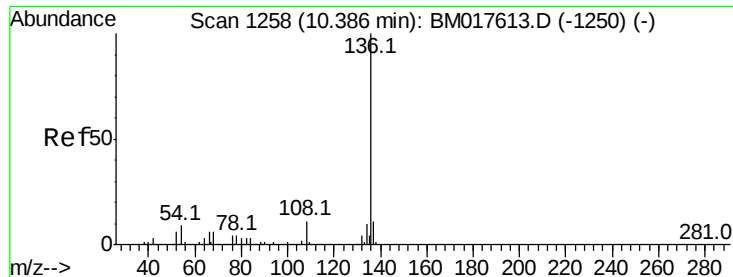
Ion Ratio Lower Upper

94 100

65 29.3 11.4 51.4

66 46.3 21.4 61.4





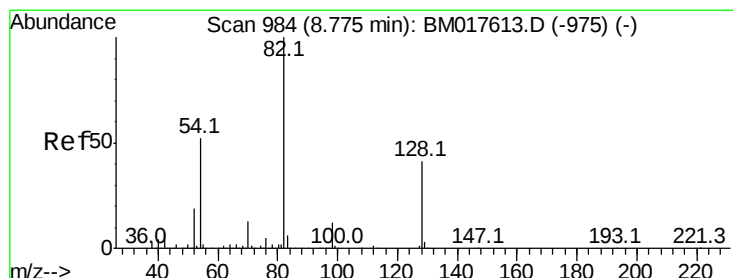
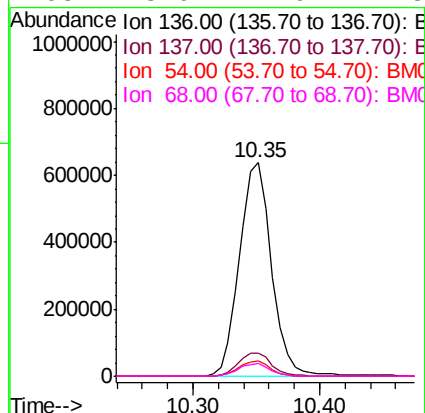
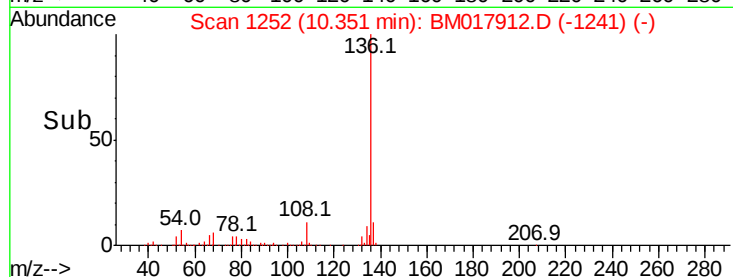
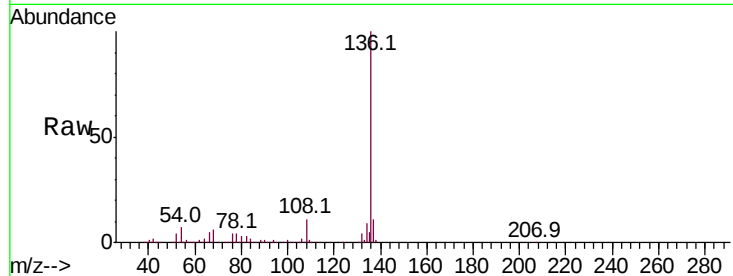
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1120798		
137	10.7		8.6	12.8
54	6.9		7.0	10.6
68	5.9		4.9	7.3

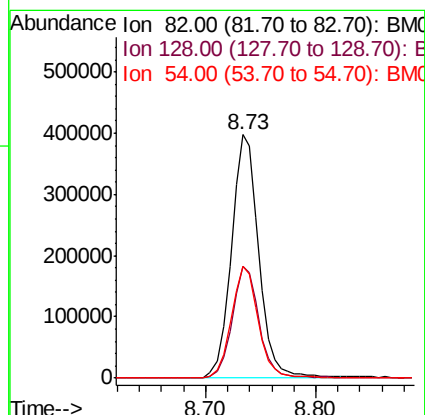
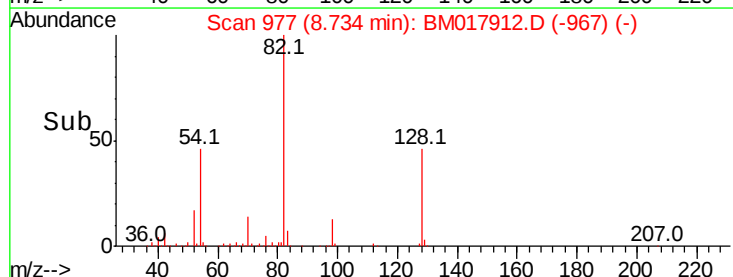
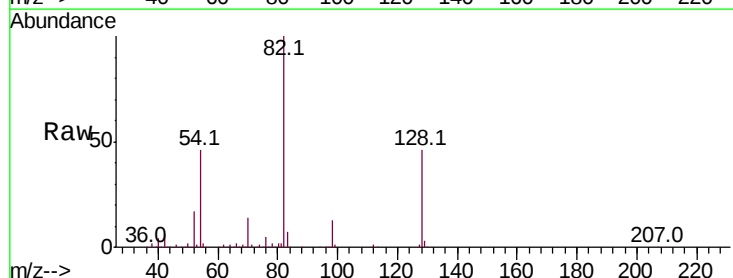
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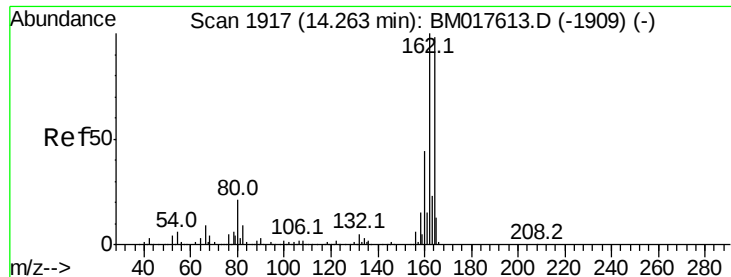
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#23
Nitrobenzene-d5
Concen: 31.839 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	691232		
128	46.0		33.0	49.4
54	46.0		41.4	62.2





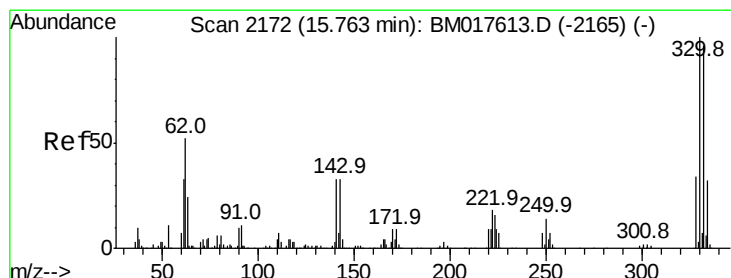
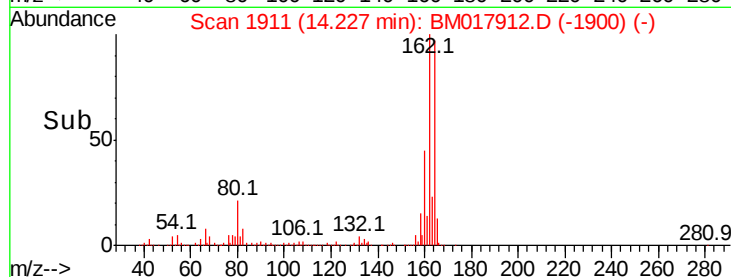
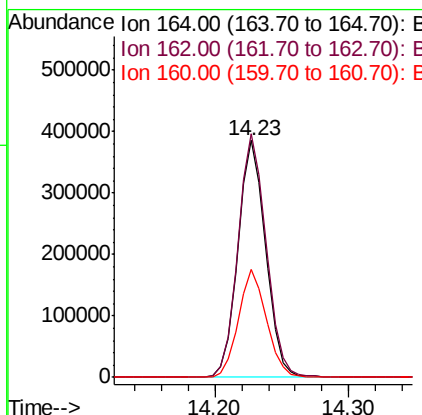
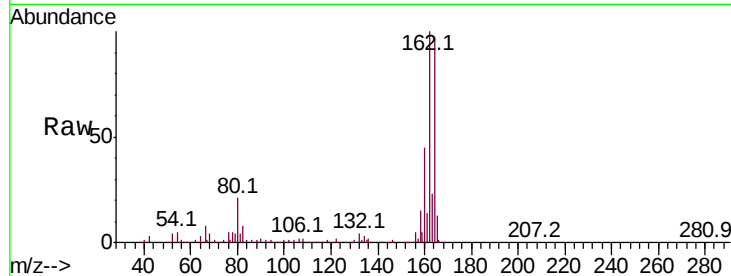
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	45.7	35.6	53.4

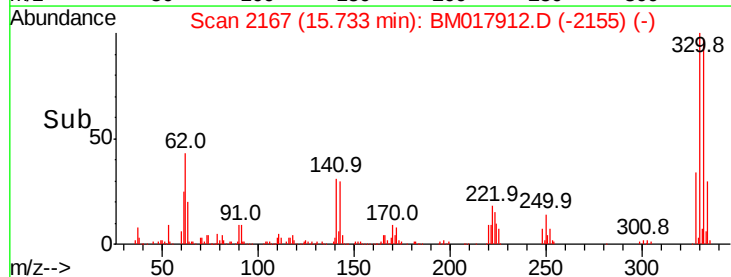
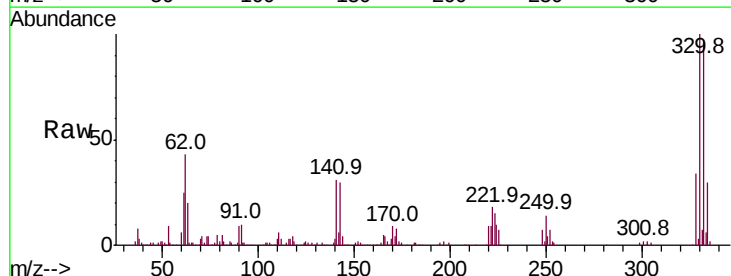
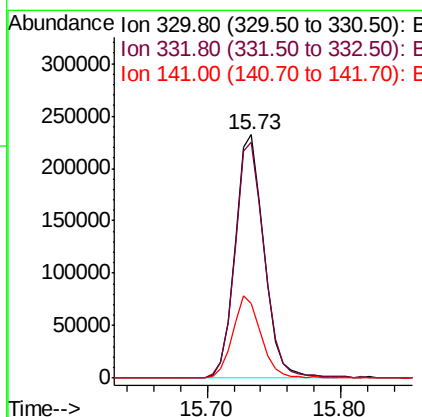
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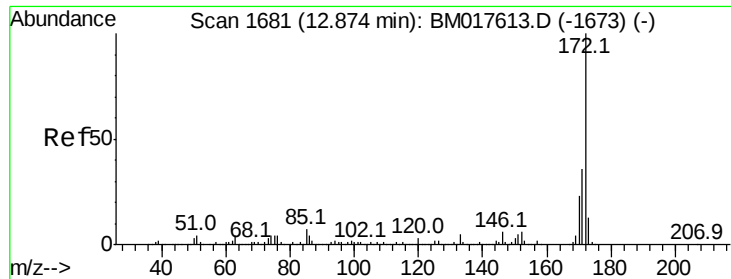
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#42
2,4,6-Tribromophenol
Concen: 43.743 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.9	116.9
141	33.7	27.5	41.3





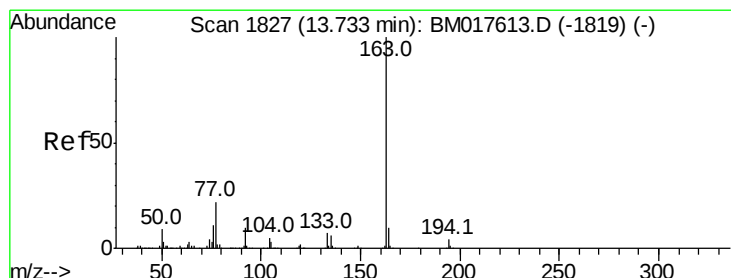
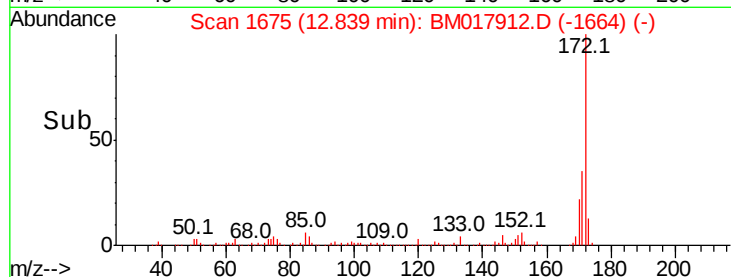
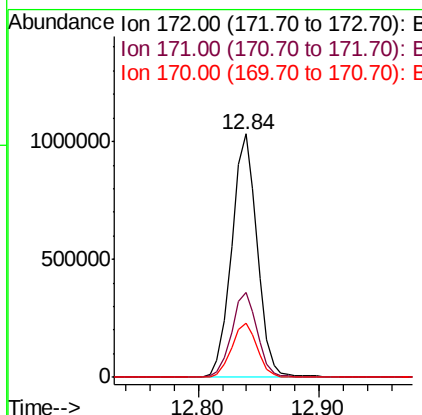
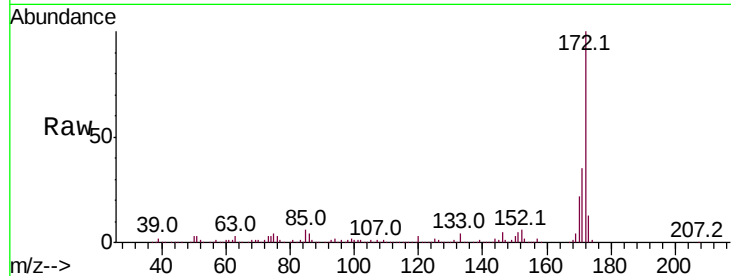
#45
2-Fluorobiphenyl
Concen: 35.604 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	22.1	18.3	27.5

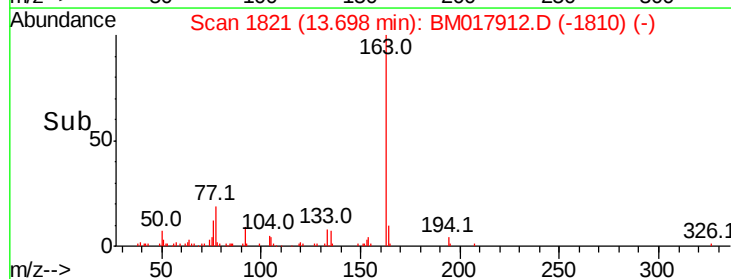
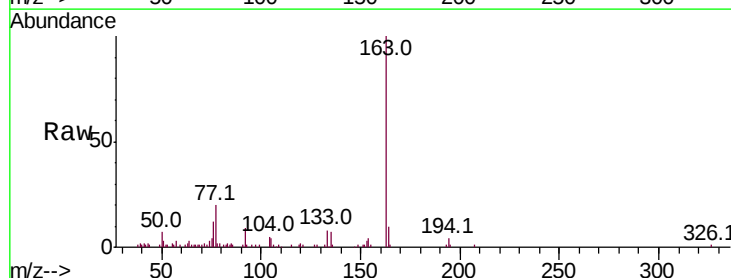
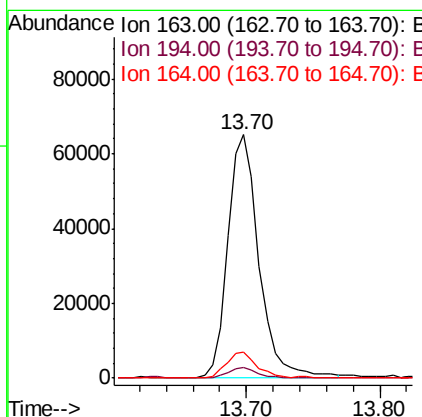
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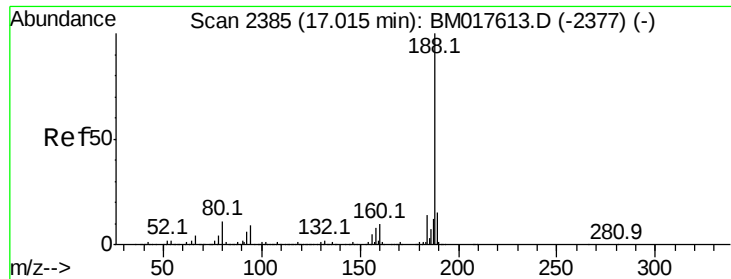
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#50
Dimethylphthalate
Concen: 2.357 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.5	8.2	12.4





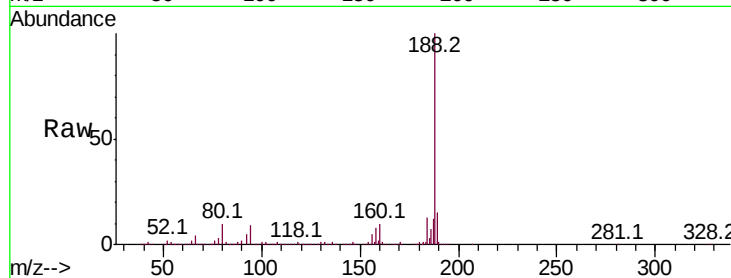
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

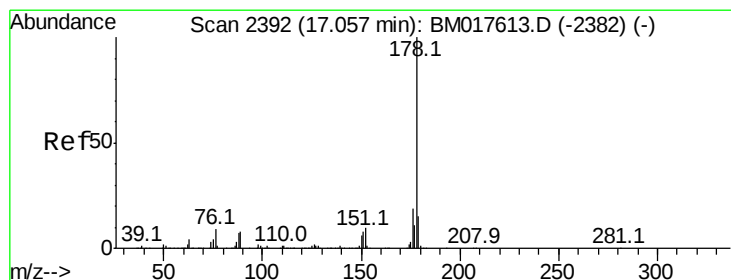
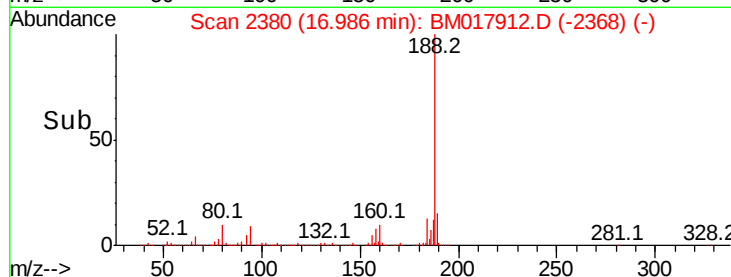
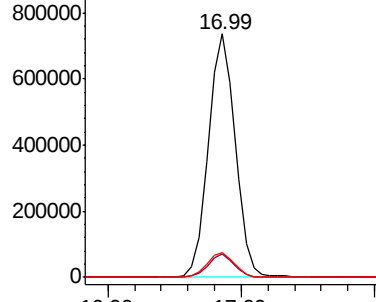
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.9	8.6	13.0

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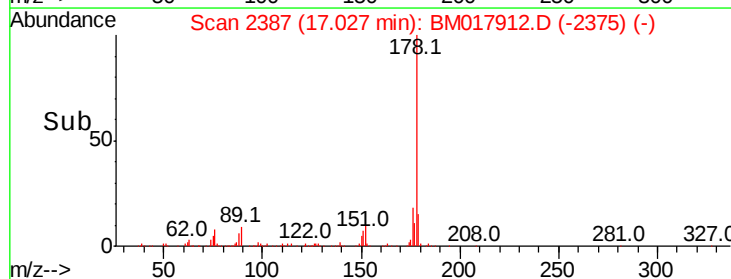
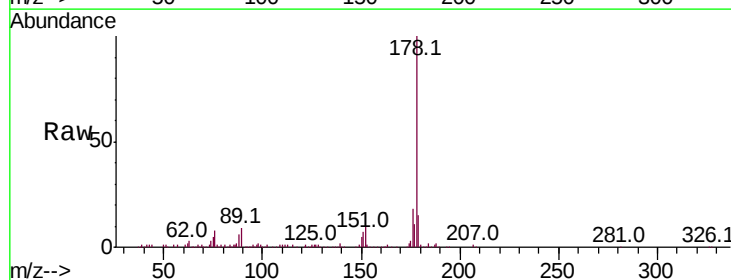
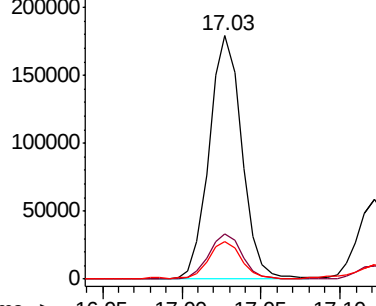
Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

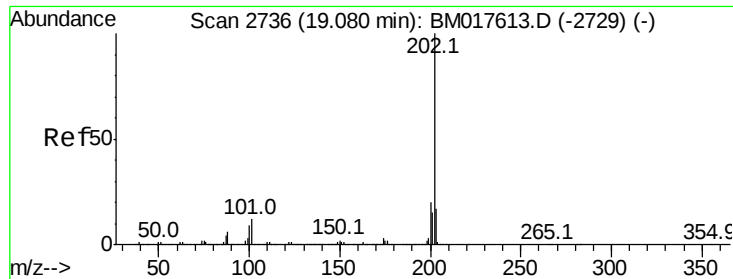


#71
Phenanthrene
Concen: 4.560 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.2	12.4	18.6

Abundance Ion 178.00 (177.70 to 178.70): E
250000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.312 ng

RT: 19.05 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Instrument :

BNA_M

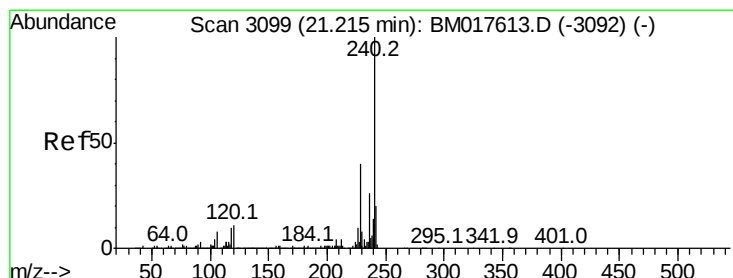
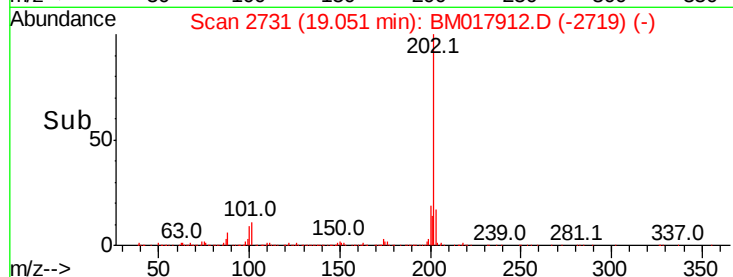
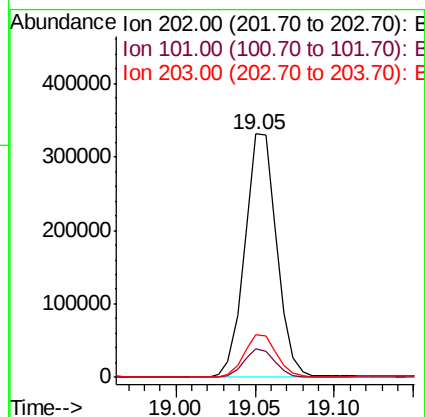
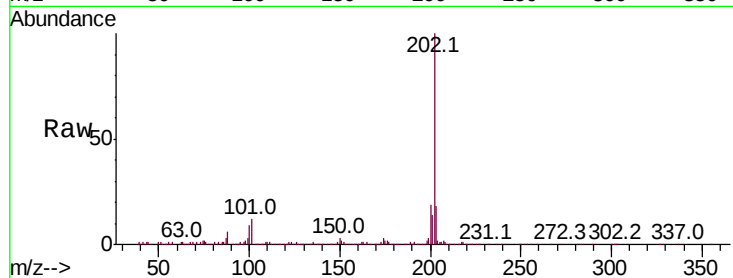
ClientSampleId :

OR-03-112918-B

Tot Ion:	202	Resp:	461071
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.5
203	17.7	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

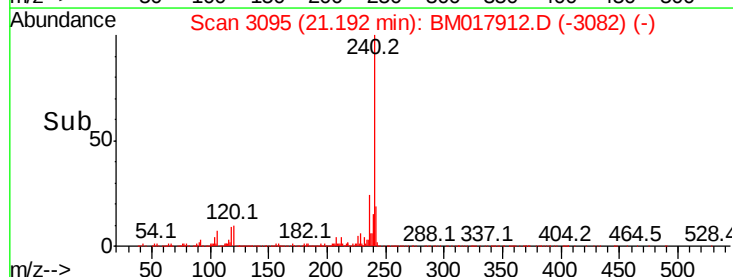
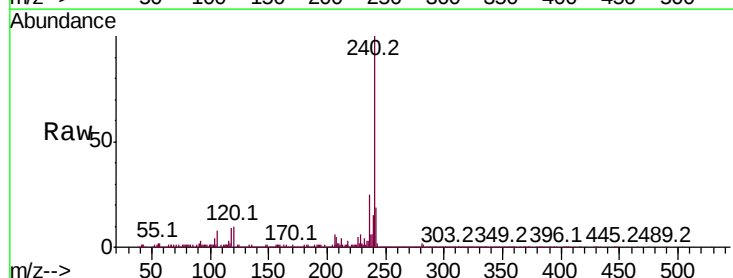
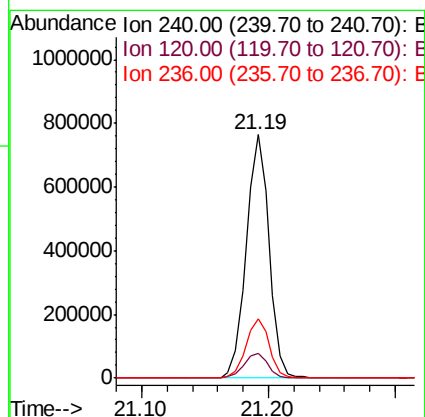
RT: 21.19 min Scan# 3095

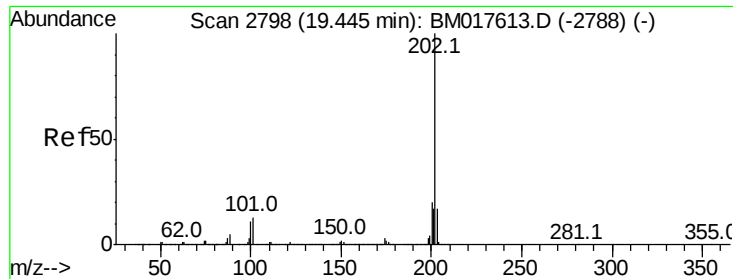
Delta R.T. -0.02 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Tgt Ion:	240	Resp:	946937
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.5	12.7
236	24.6	20.4	30.6





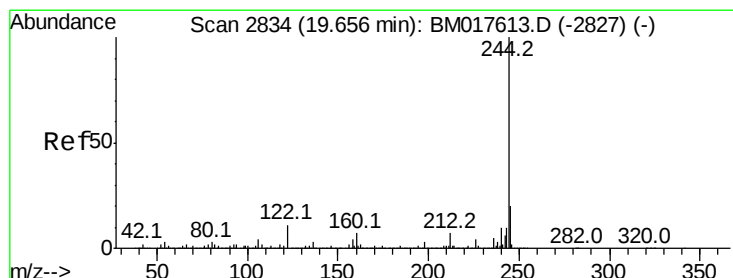
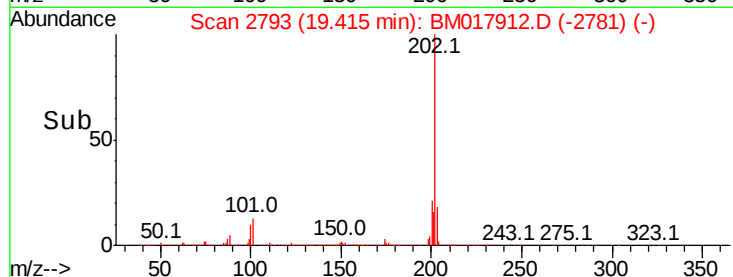
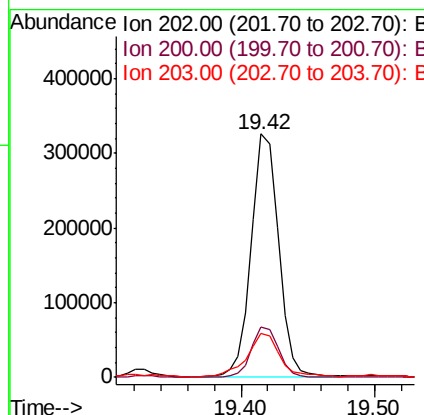
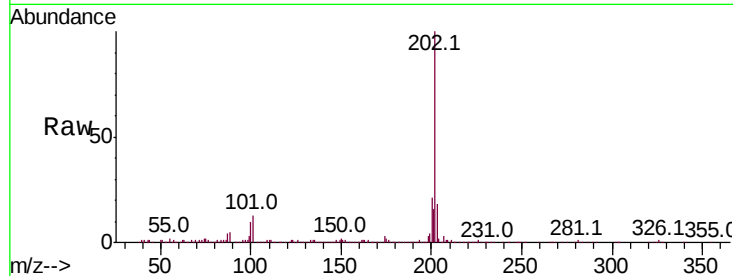
#78
Pvrene
Concen: 7.867 ng
RT: 19.42 min Scan# 2793
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	16.4	24.6
203	18.2	13.8	20.8

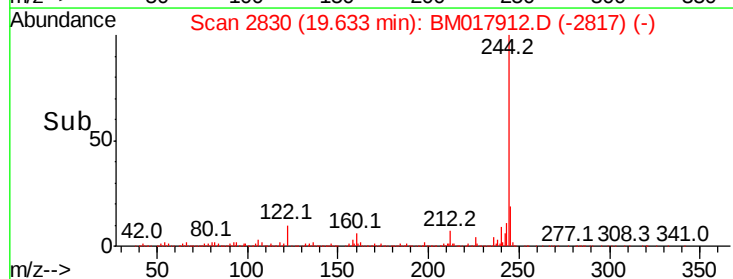
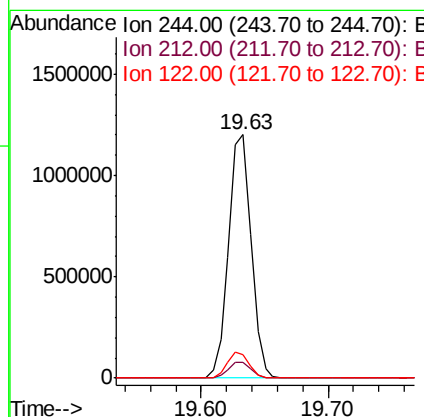
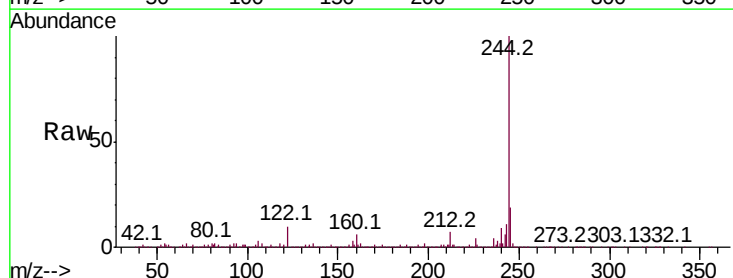
Manual Integrations
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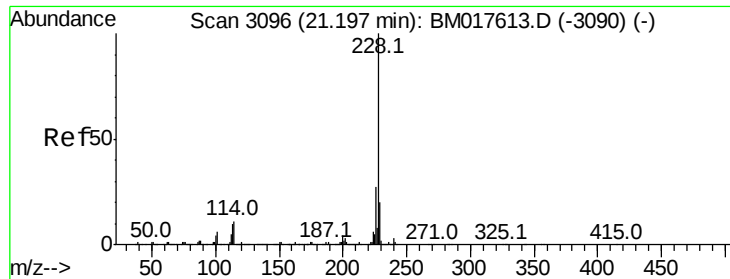
mohammad
12/5/2018 4:50:04 PM



#79
Terphenyl-d14
Concen: 35.538 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.8	8.6
122	9.6	9.0	13.6





#81

Benzo(a)anthracene

Concen: 4.967 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Instrument :

BNA_M

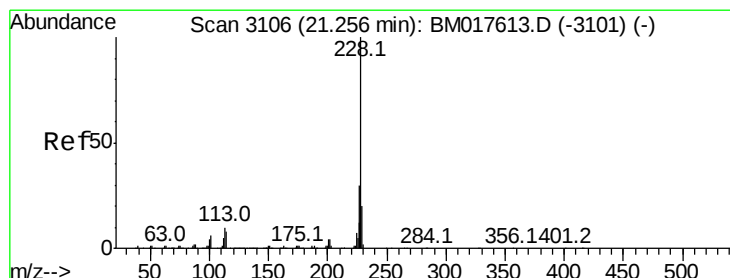
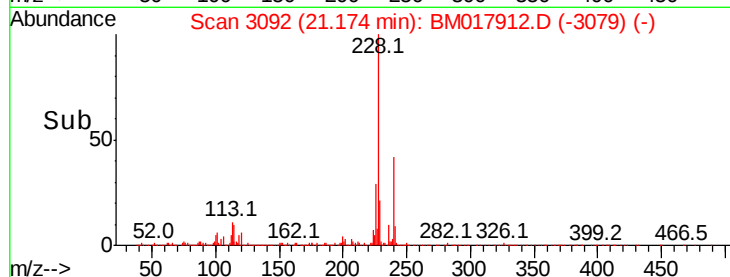
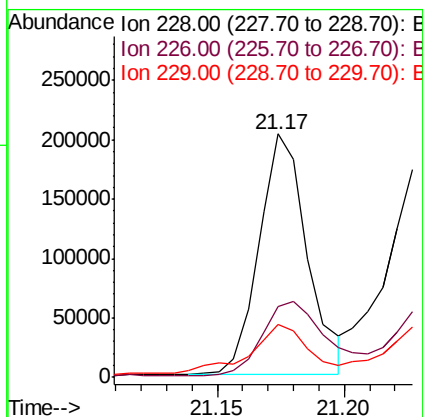
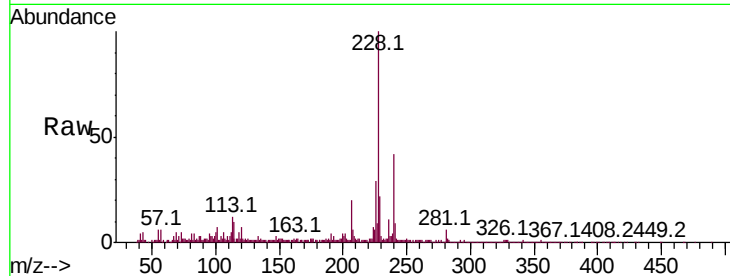
ClientSampleId :

OR-03-112918-B

Tot Ion:	228	Resp:	270960
Ion Ratio	Lower	Upper	
228	100		
226	29.3	21.3	31.9
229	22.0	16.0	24.0

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#83

Chrysene

Concen: 5.015 ng m

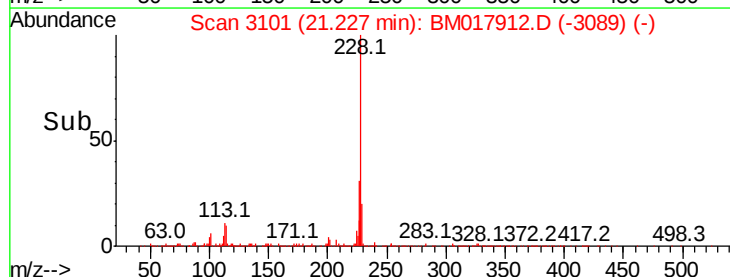
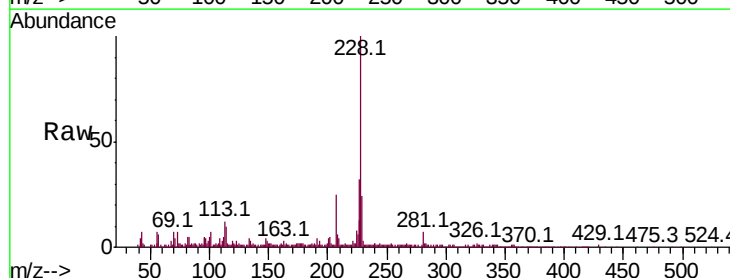
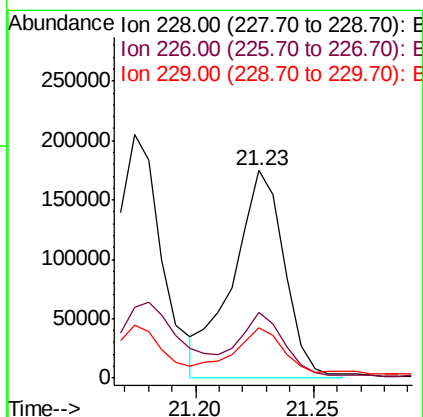
RT: 21.23 min Scan# 3101

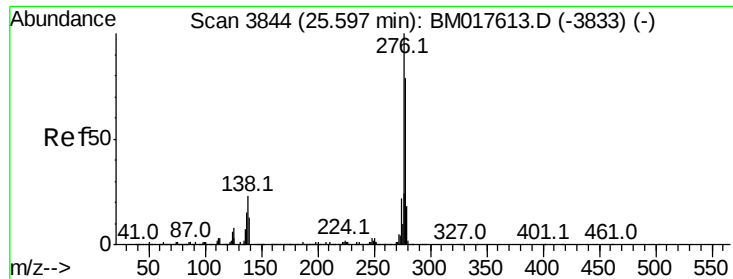
Delta R.T. -0.03 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Tgt Ion:	228	Resp:	265745
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.6	35.4
229	24.2	15.8	23.6#





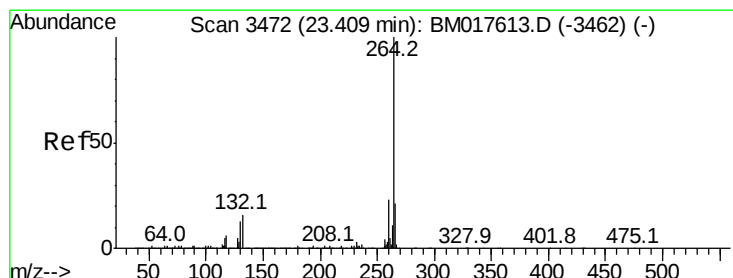
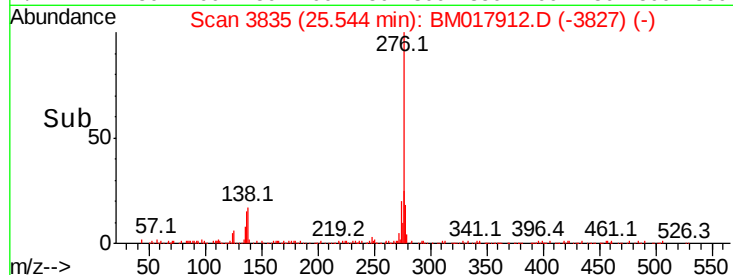
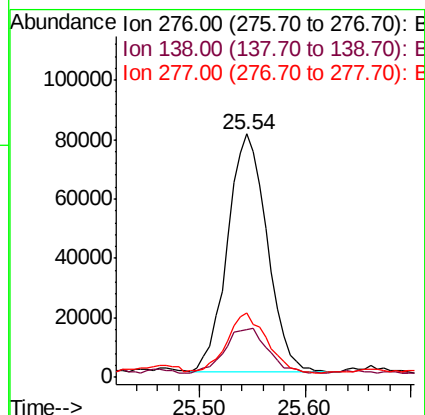
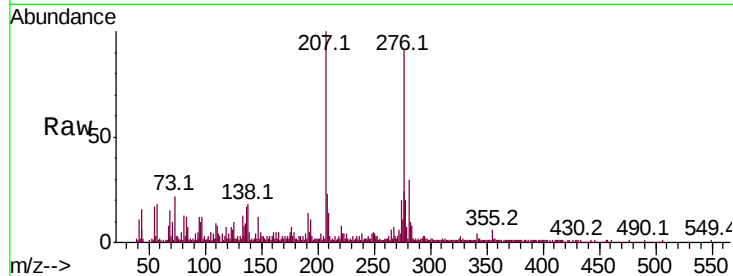
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.898 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.05 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampled :
OR-03-112918-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.1	28.7
277	25.5	20.0	30.0

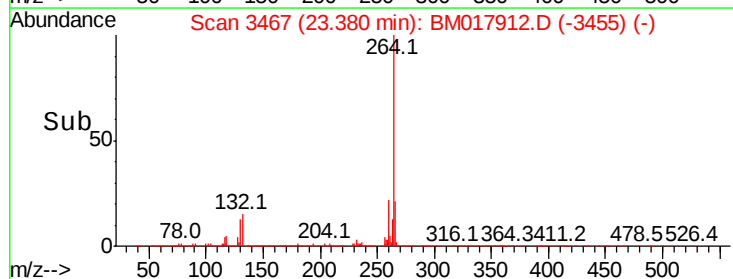
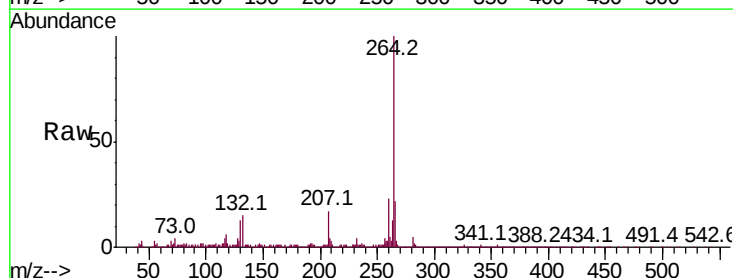
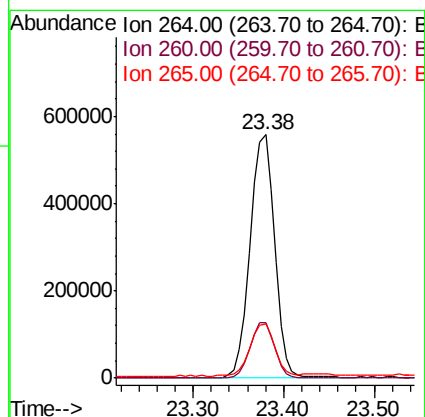
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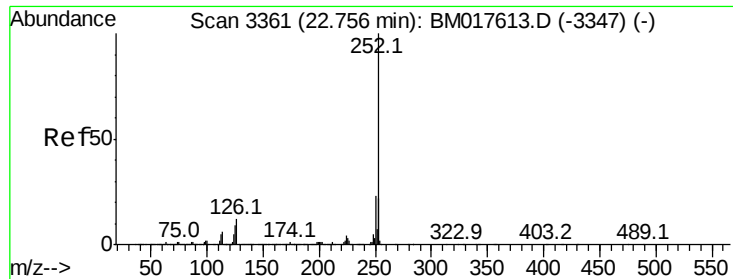
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.5	17.5	26.3





#88

Benzo(b)fluoranthene

Concen: 6.614 ng m

RT: 22.73 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Instrument :

BNA_M

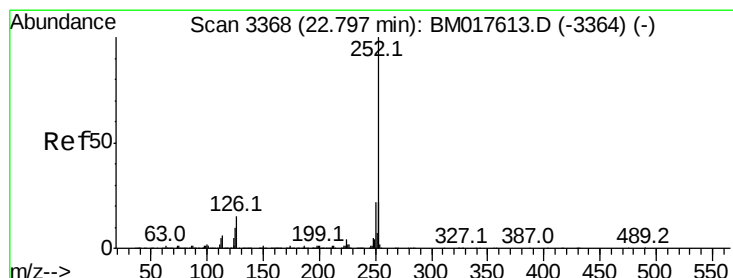
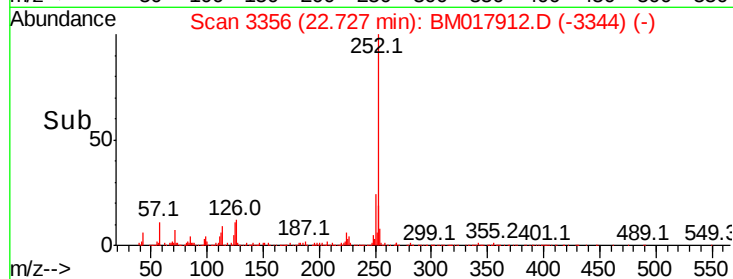
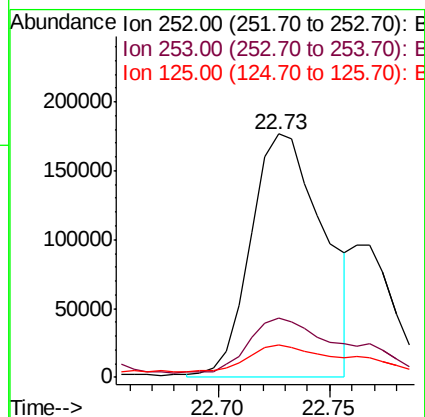
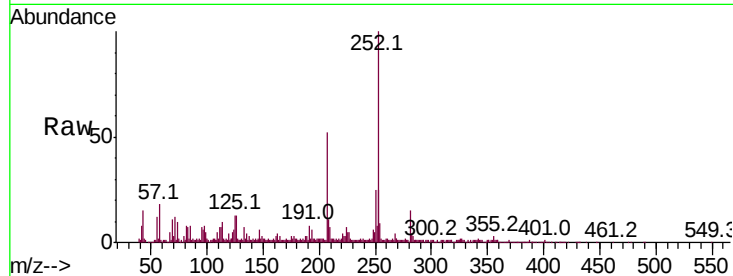
ClientSampleId :

OR-03-112918-B

Tot Ion:	252	Resp:	402948
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.3	25.9
125	13.3	7.6	11.4

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.061 ng m

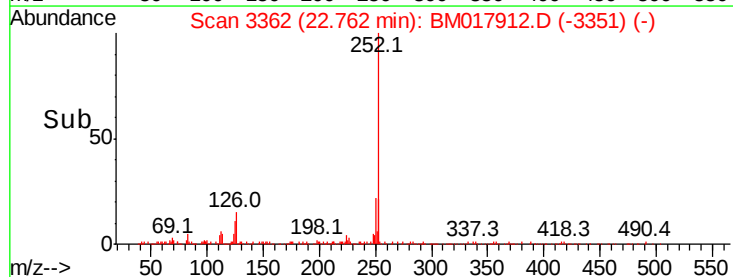
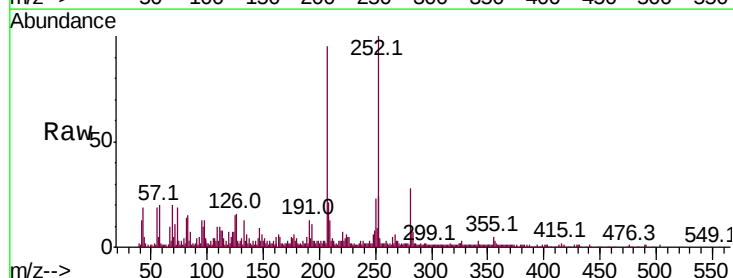
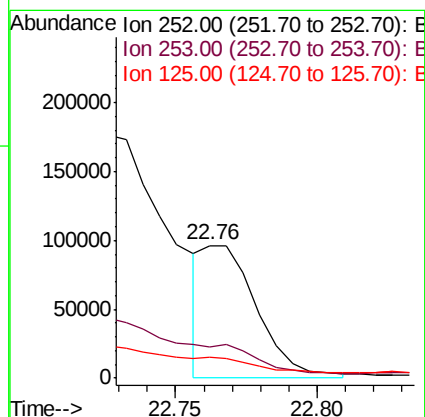
RT: 22.76 min Scan# 3362

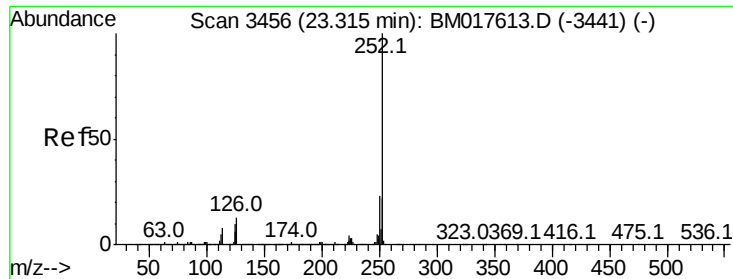
Delta R.T. -0.04 min

Lab File: BM017912.D

Acq: 04 Dec 2018 20:59

Tgt Ion:	252	Resp:	126883
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	15.4	7.9	11.9





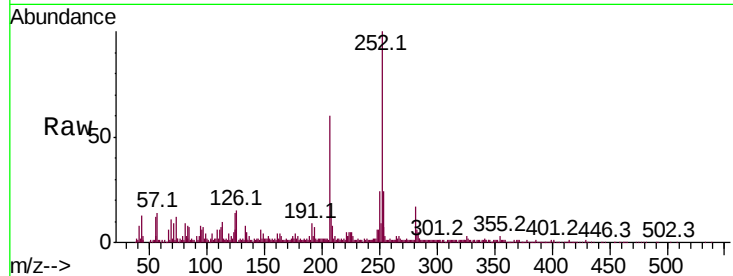
#90
Benzo(a)pyrene
Concen: 5.034 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.4	26.2
125	13.6	8.2	12.2#

Manual Integrations
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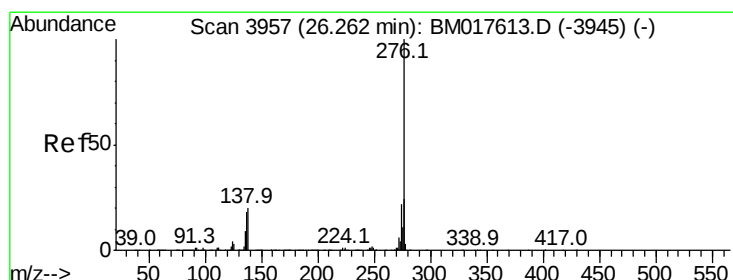
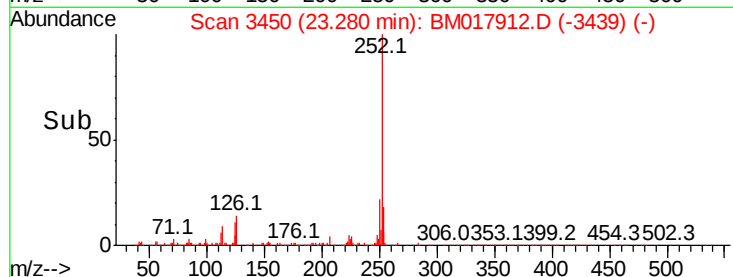
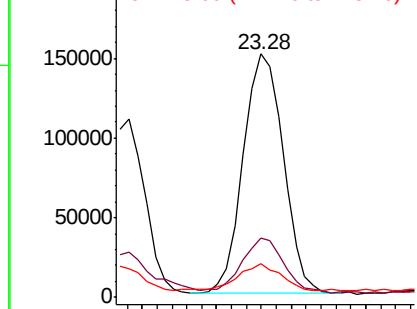


Abundance

Ion 252.00 (251.70 to 252.70): E

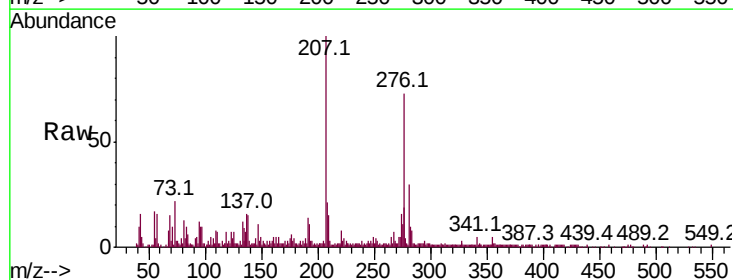
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.532 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.05 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	26.4	19.0	28.4
138	20.3	15.9	23.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

