

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
 Data File : BM022763.D
 Acq On : 24 Sep 2019 23:17
 Operator : JU
 Sample : K4997-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-12-091919

Manual Integrations
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Quant Time: Sep 25 04:53:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	223752	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	855736	20.00	ng	-0.01
39) Acenaphthene-d10	14.45	164	513830	20.00	ng	-0.01
64) Phenanthrene-d10	17.19	188	1063893	20.00	ng	0.00
76) Chrysene-d12	21.37	240	930061	20.00	ng	-0.01
87) Perylene-d12	23.64	264	995581	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1983344	140.58	ng	0.00
7) Phenol-d6	6.99	99	2692343	148.58	ng	0.00
23) Nitrobenzene-d5	8.98	82	1508784	97.87	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	1042335	162.50	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3739060	100.21	ng	0.00
79) Terphenyl-d14	19.82	244	5675524	118.16	ng	0.00

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Target Compounds

						Qvalue
49) Acenaphthylene	14.17	152	104864	2.234	ng	99
50) Dimethylphthalate	13.91	163	244908	6.595	ng	99
71) Phenanthrene	17.23	178	502243	8.366	ng	100
75) Fluoranthene	19.24	202	733037	10.821	ng	99
78) Pyrene	19.61	202	833049	13.668	ng	100
81) Benzo(a)anthracene	21.35	228	341712	5.669	ng	95
83) Chrysene	21.40	228	375784	6.430	ng	98
86) Indeno(1,2,3-cd)pyrene	25.94	276	195326	2.800	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	374747m	6.217	ng	
90) Benzo(a)pyrene	23.54	252	289237	5.207	ng	97
92) Benzo(g,h,i)perylene	26.65	276	205079	3.716	ng	100

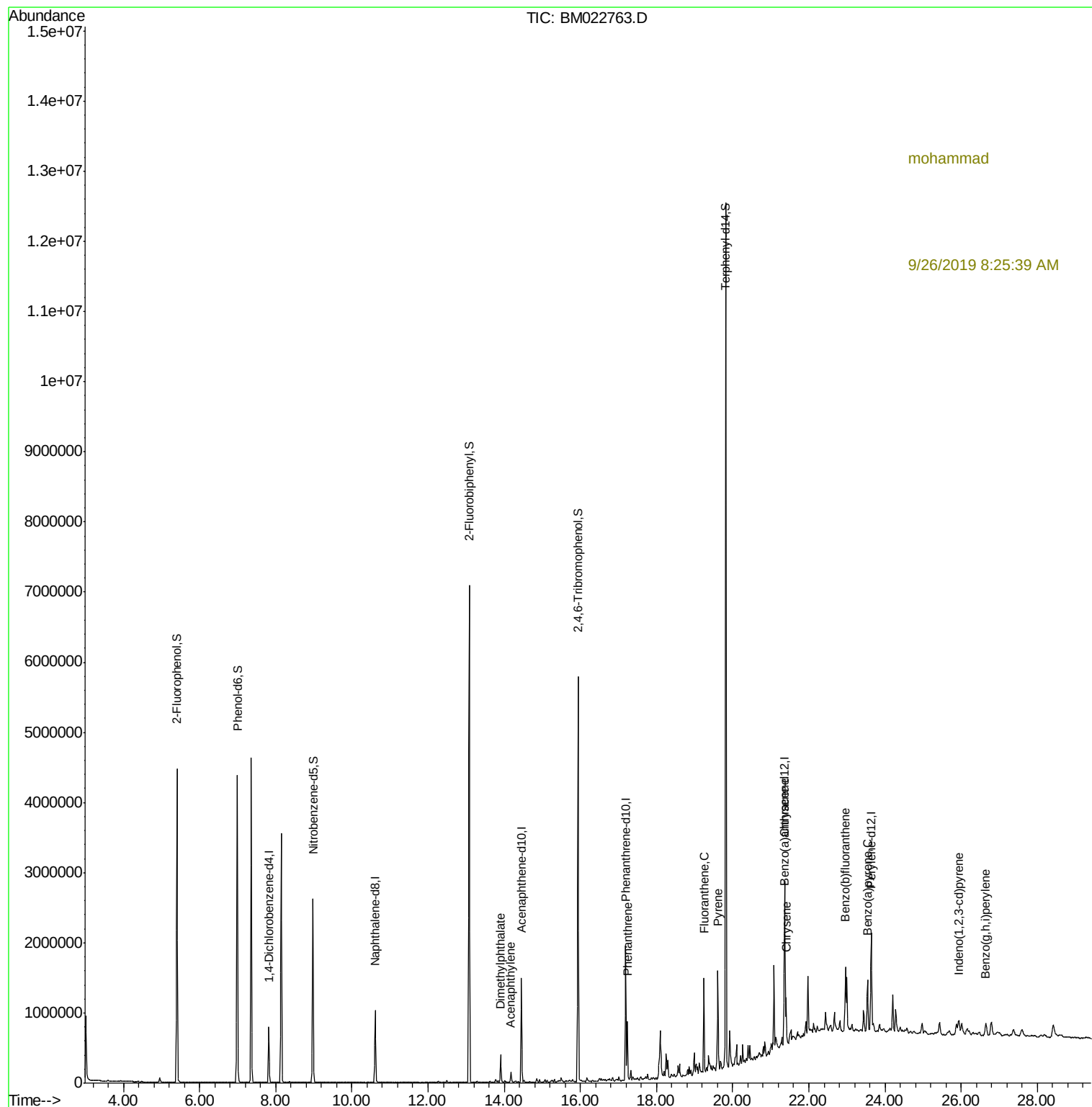
(#) = qualifier out of range (m) = manual integration (+) = signals summed

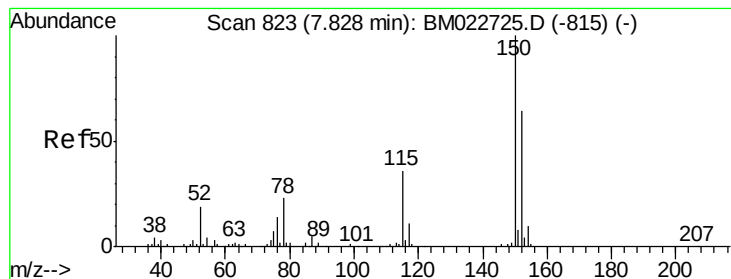
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
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Instrument :
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WC-12-091919

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
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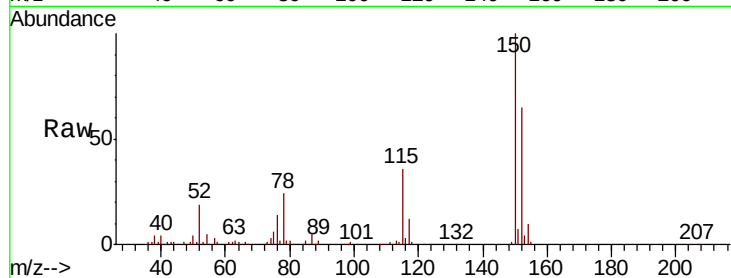
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BM022763.D
 Acq: 24 Sep 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 WC-12-091919

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.5	186.7
115	56.3	45.0	67.4

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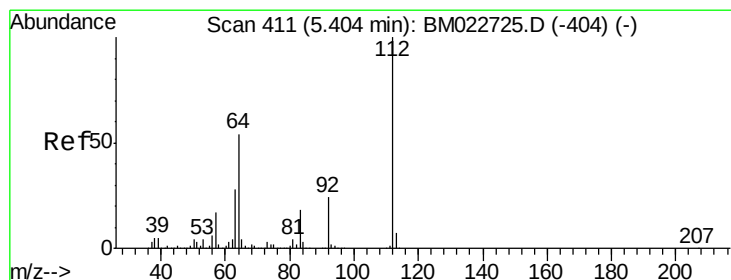
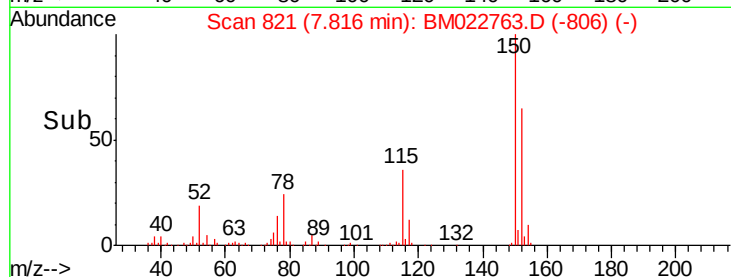
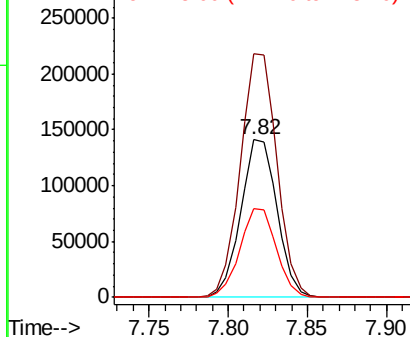


Abundance

Ion 152.00 (151.70 to 152.70): E

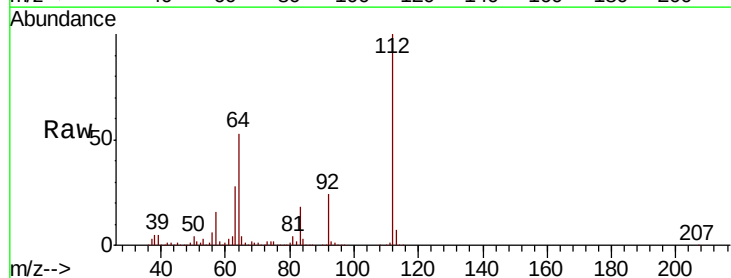
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 140.580 ng
 RT: 5.40 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BM022763.D
 Acq: 24 Sep 2019 23:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.4	65.2
63	27.6	22.1	33.1

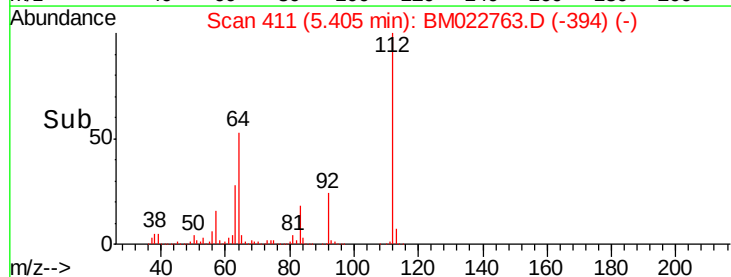
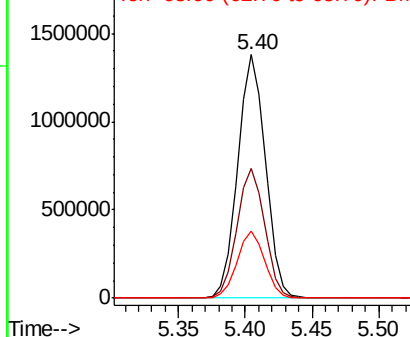


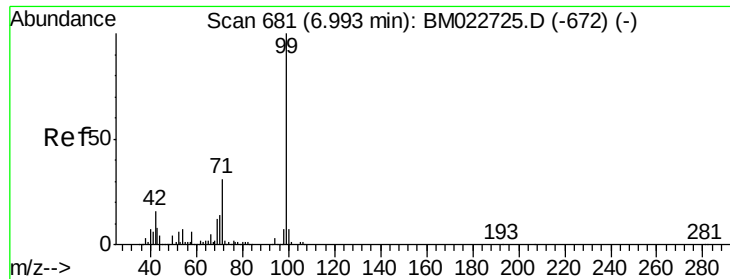
Abundance

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: 148.580 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Instrument :

BNA_M

ClientSampleId :

WC-12-091919

Tot Ion: 99 Resp: 2692343

Ion Ratio Lower Upper

99 100

42 15.6 13.0 19.4

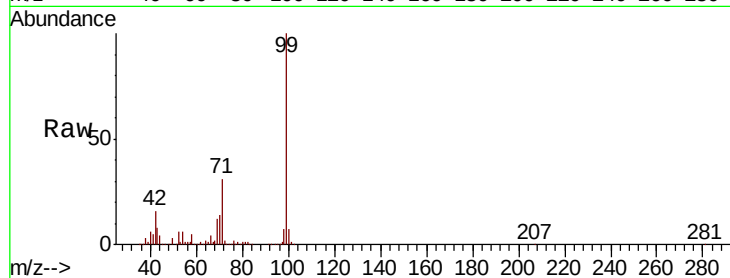
71 30.7 24.7 37.1

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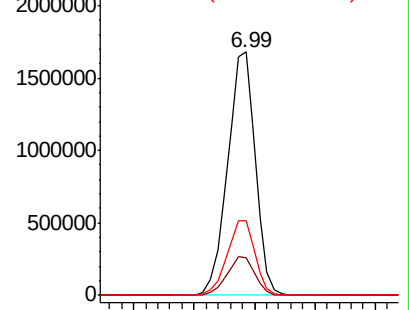
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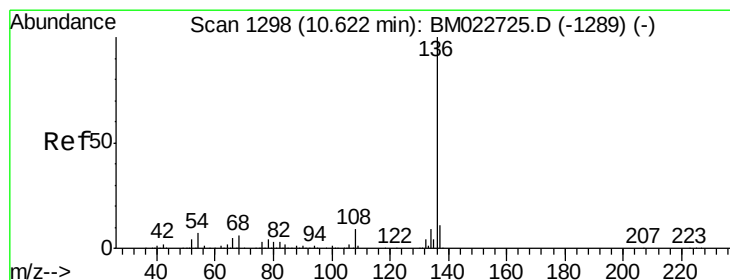
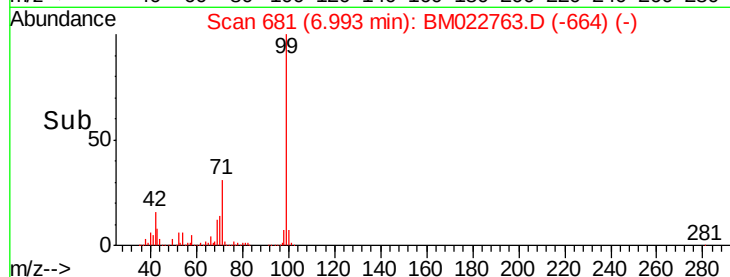
Abundance Ion 99.00 (98.70 to 99.70): BM022725.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022725.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022725.D (-672) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Tgt Ion: 136 Resp: 855736

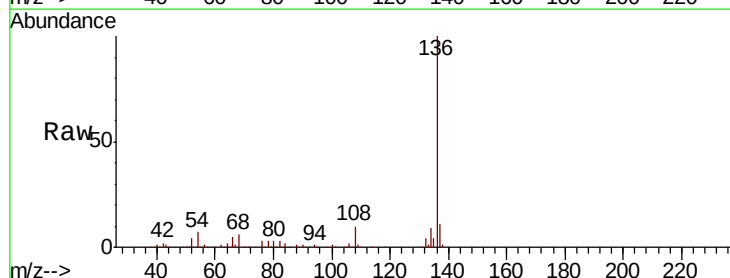
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.1 6.0 9.0

68 6.1 4.9 7.3

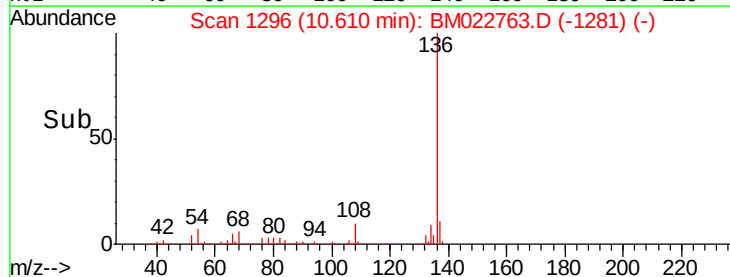
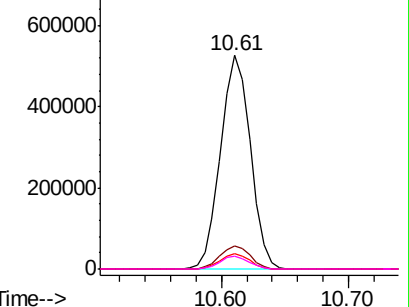


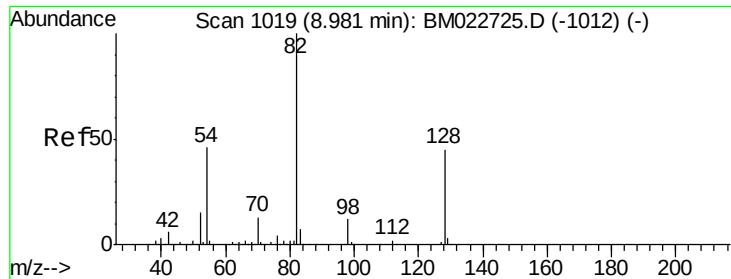
Abundance Ion 136.00 (135.70 to 136.70): BM022725.D (-1289) (-)

Ion 137.00 (136.70 to 137.70): BM022725.D (-1289) (-)

Ion 54.00 (53.70 to 54.70): BM022725.D (-1289) (-)

Ion 68.00 (67.70 to 68.70): BM022725.D (-1289) (-)





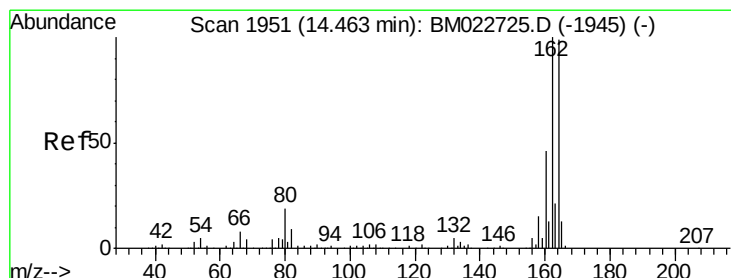
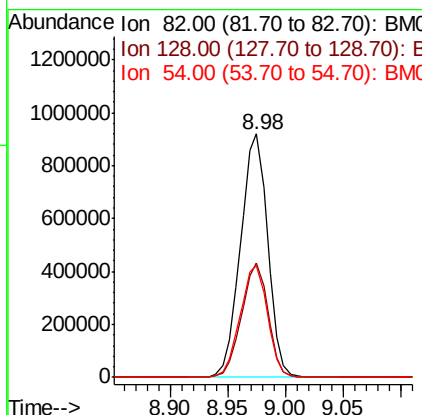
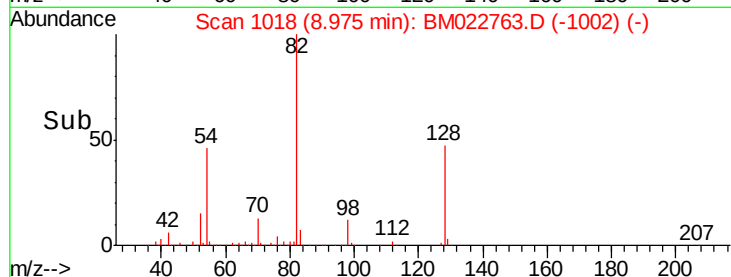
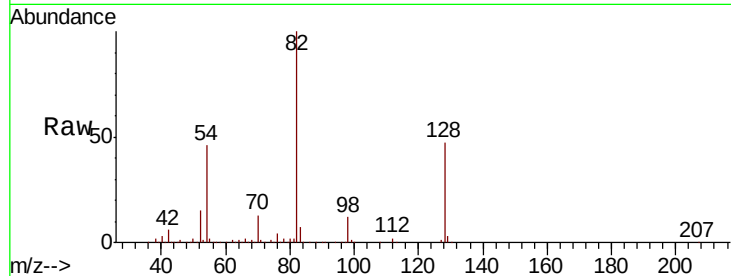
#23
 Nitrobenzene-d5
 Concen: 97.872 ng
 RT: 8.98 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022763.D
 Acq: 24 Sep 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 WC-12-091919

Tot Ion	82	Resp	1508784
Ion Ratio	100	Lower	Upper
128	46.9	36.0	54.0
54	45.7	37.1	55.7

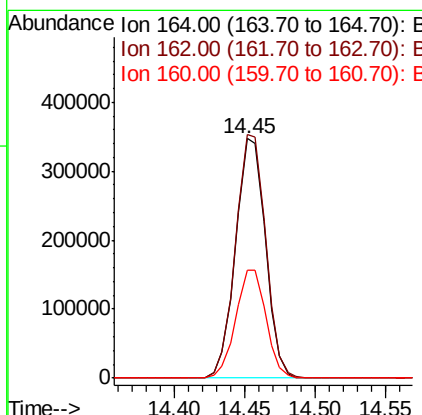
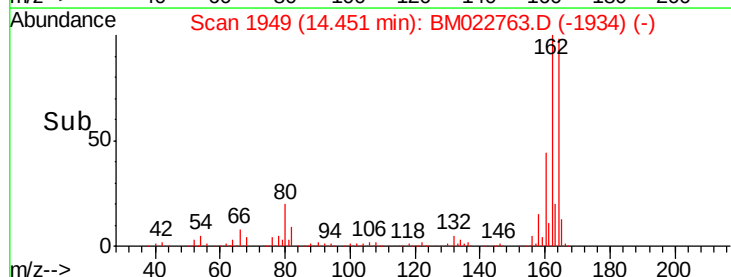
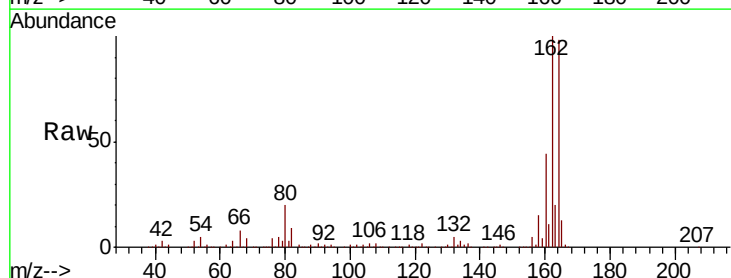
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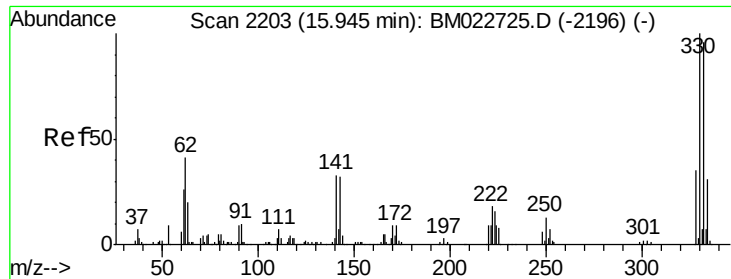
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BM022763.D
 Acq: 24 Sep 2019 23:17

Tgt Ion	164	Resp	513830
Ion Ratio	100	Lower	Upper
162	101.7	81.1	121.7
160	45.1	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 162.501 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Instrument :

BNA_M

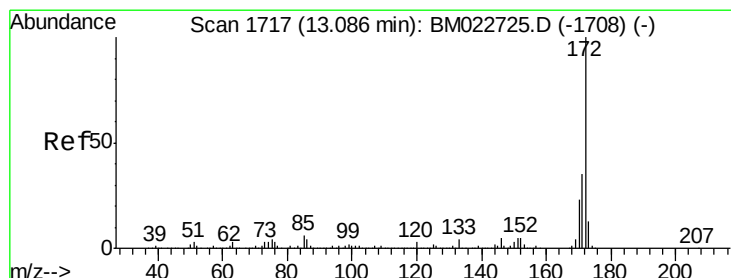
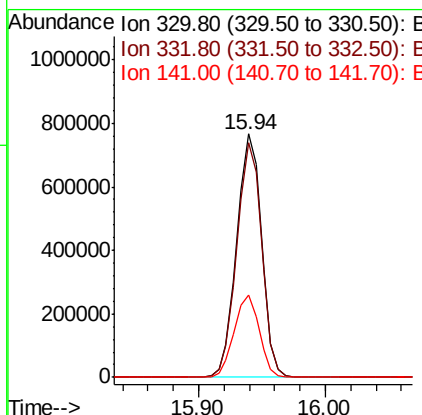
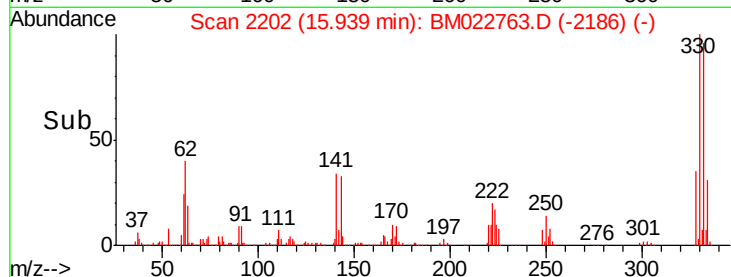
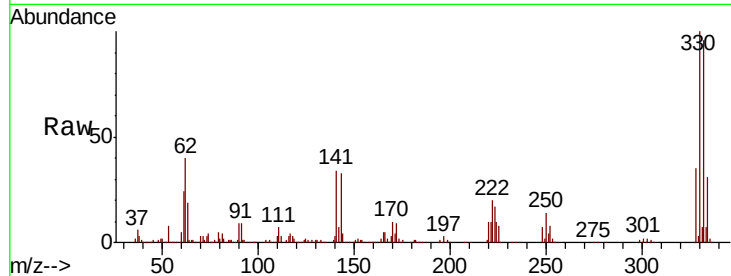
ClientSampleId :

WC-12-091919

Tot Ion:	330	Resp:	1042335
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	34.0	28.6	42.8

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#45

2-Fluorobiphenyl

Concen: 100.205 ng

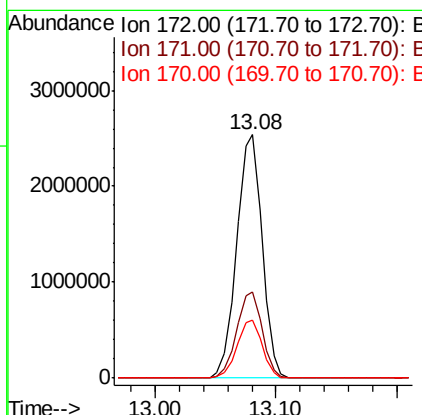
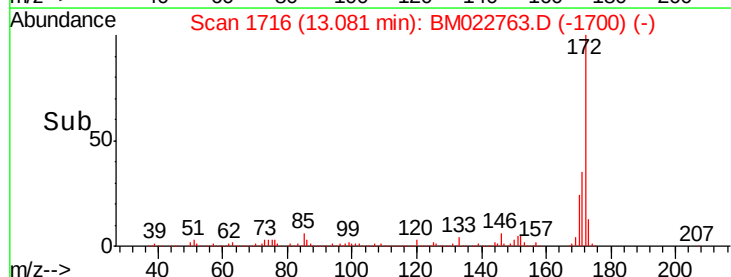
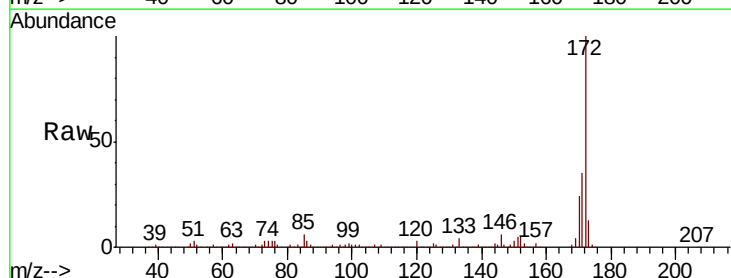
RT: 13.08 min Scan# 1716

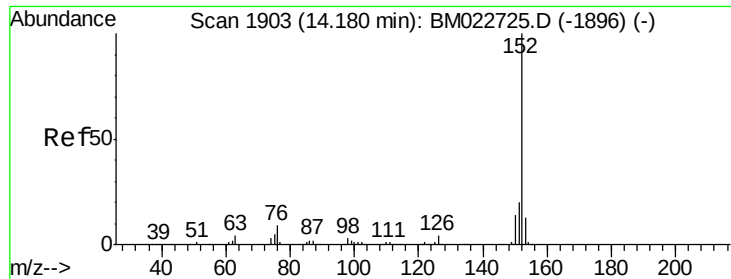
Delta R.T. -0.01 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Tgt Ion:	172	Resp:	3739060
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.8
170	23.9	18.7	28.1





#49

Acenaphthylene

Concen: 2.234 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Instrument :

BNA_M

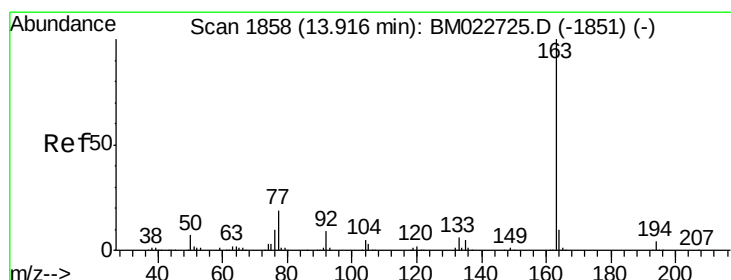
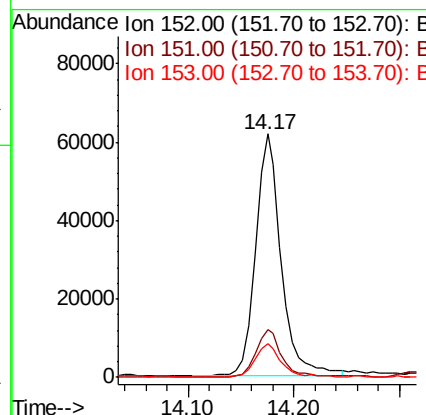
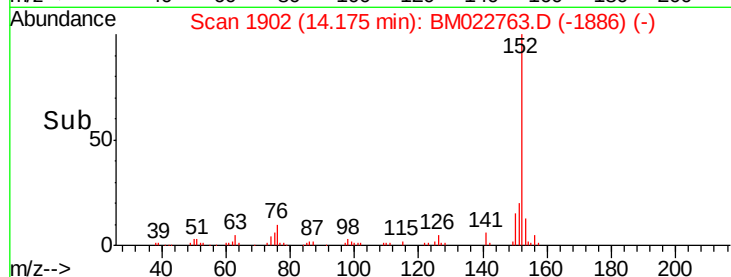
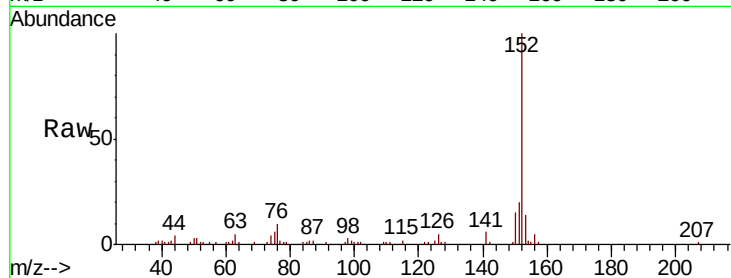
ClientSampleId :

WC-12-091919

Tot Ion:	152	Resp:	104864
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.8	10.5	15.7

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#50

Dimethylphthalate

Concen: 6.595 ng

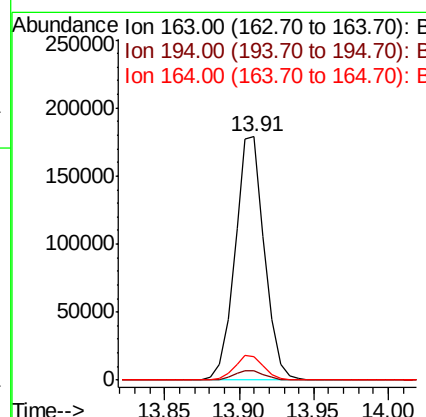
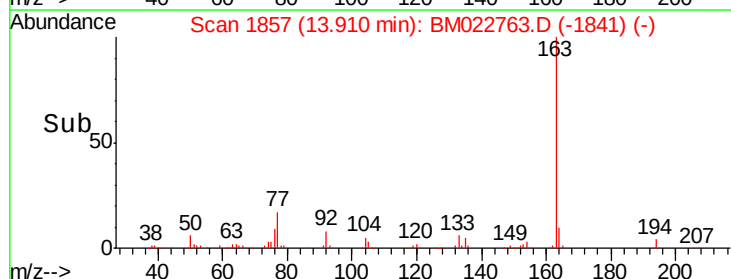
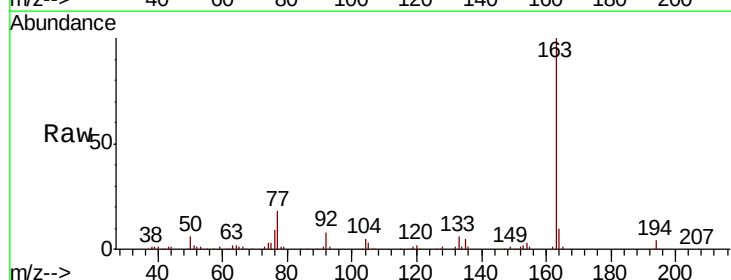
RT: 13.91 min Scan# 1857

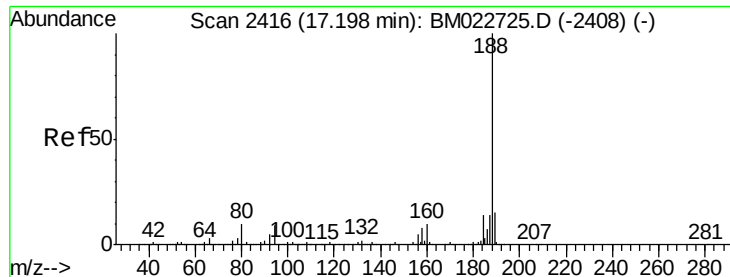
Delta R.T. -0.01 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Tgt Ion:	163	Resp:	244908
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	9.6	8.2	12.2





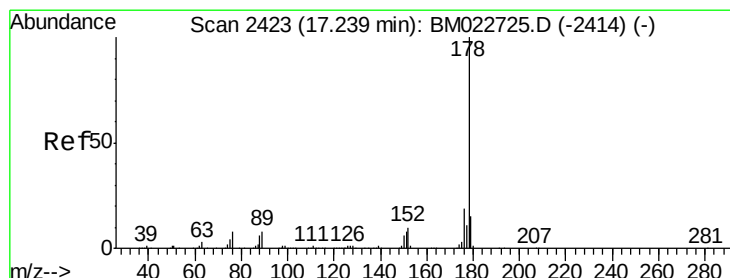
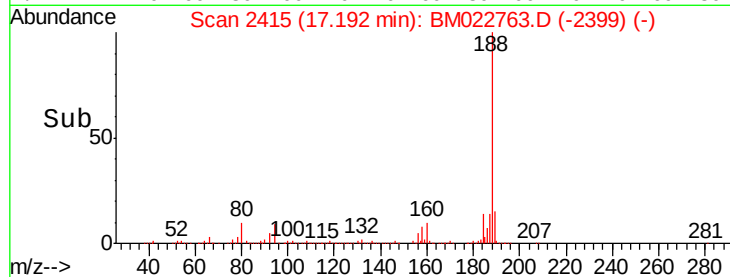
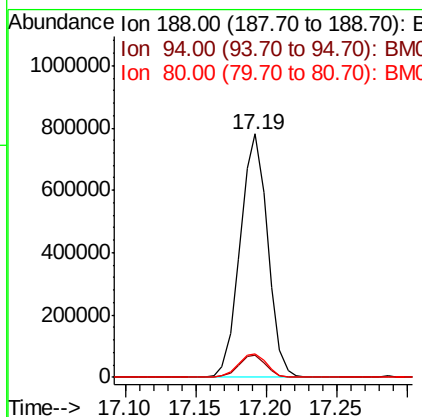
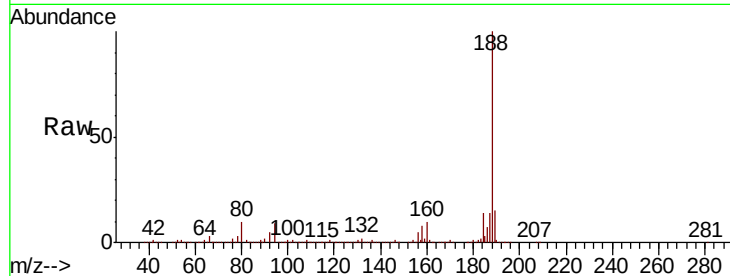
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022763.D
Acq: 24 Sep 2019 23:17

Instrument :
BNA_M
ClientSampled :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.6	7.8	11.8

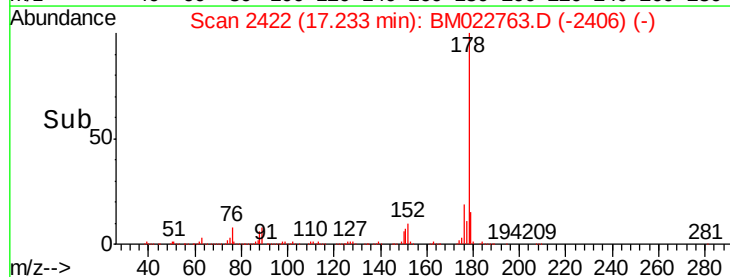
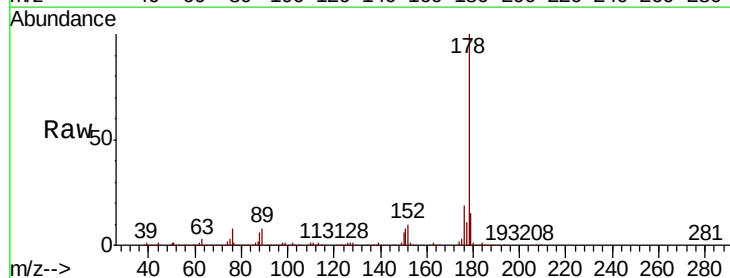
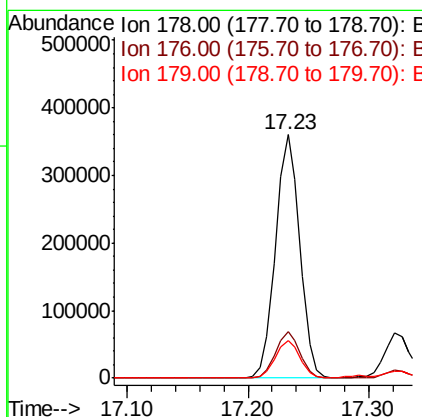
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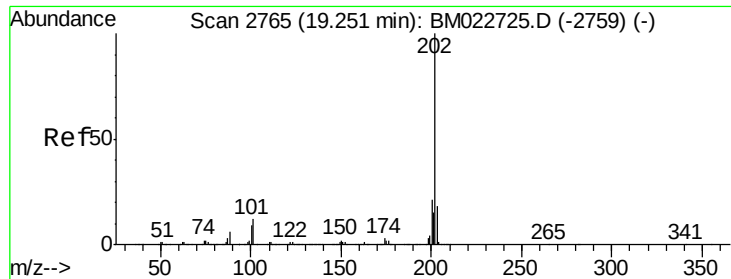
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#71
Phenanthrene
Concen: 8.366 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022763.D
Acq: 24 Sep 2019 23:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.3	18.5





#75

Fluoranthene

Concen: 10.821 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Instrument :

BNA_M

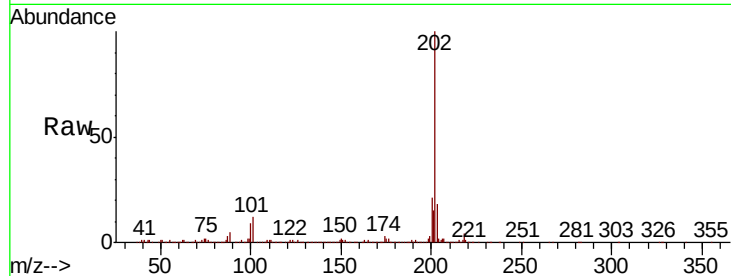
ClientSampleId :

WC-12-091919

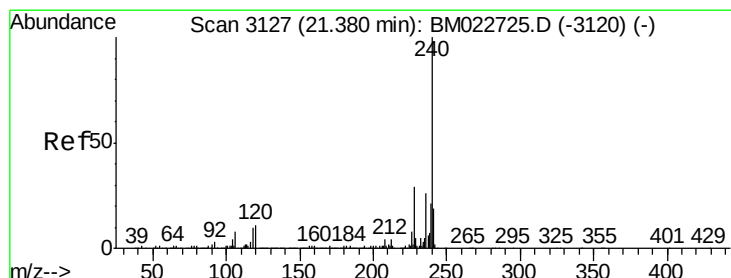
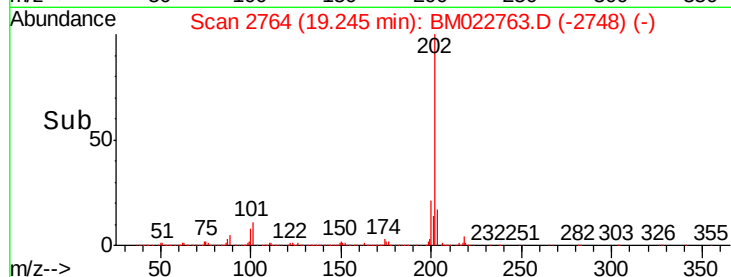
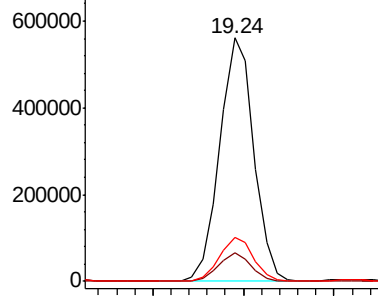
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		733037		
101	11.6	0.0	32.1		
203	17.8	0.0	37.7		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

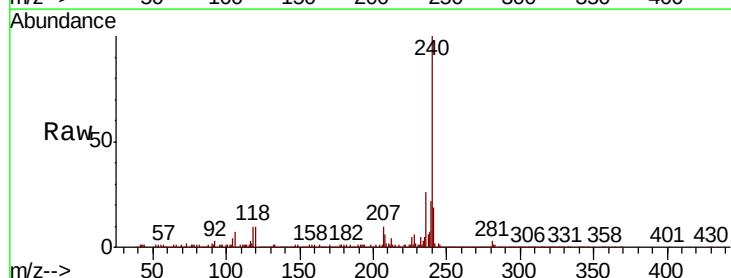
RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

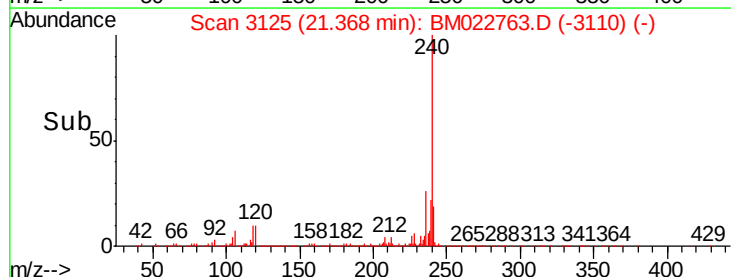
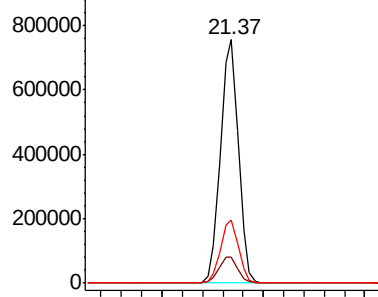
Lab File: BM022763.D

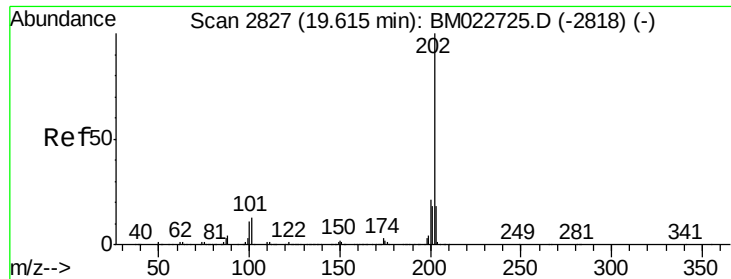
Acq: 24 Sep 2019 23:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		930061		
120	10.5	8.8	13.2		
236	26.0	20.8	31.2		



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





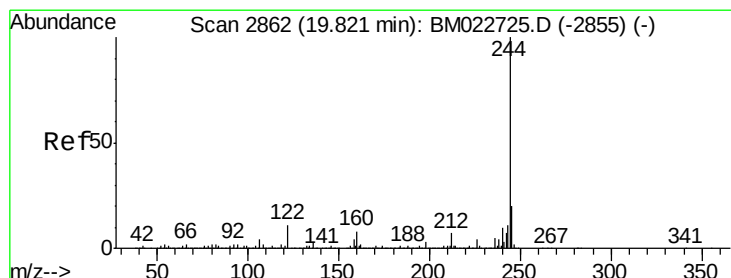
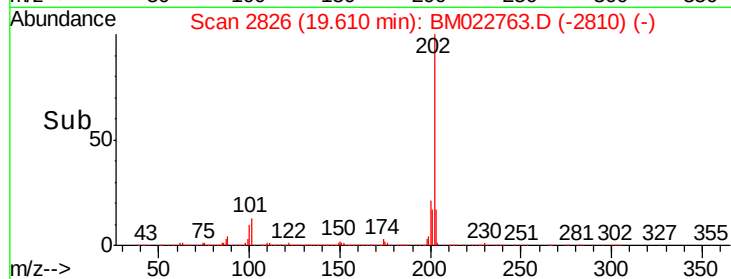
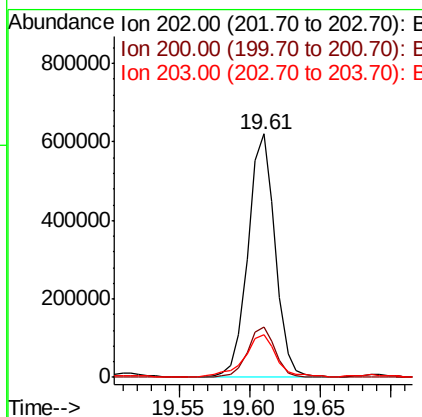
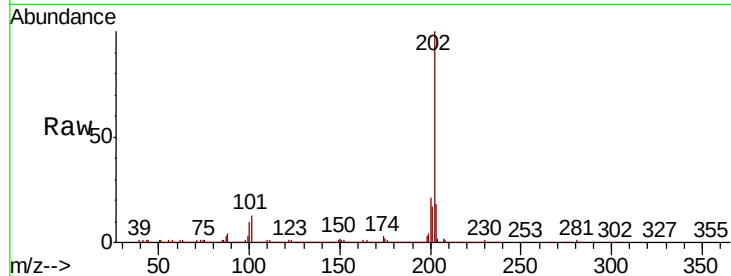
#78
Pvrene
Concen: 13.668 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022763.D
Acq: 24 Sep 2019 23:17

Instrument :
BNA_M
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Resp	Lower	Upper
202	100	833049		
200	20.8		16.7	25.1
203	17.7		14.1	21.1

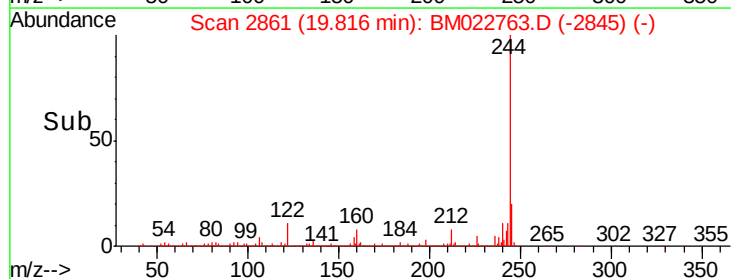
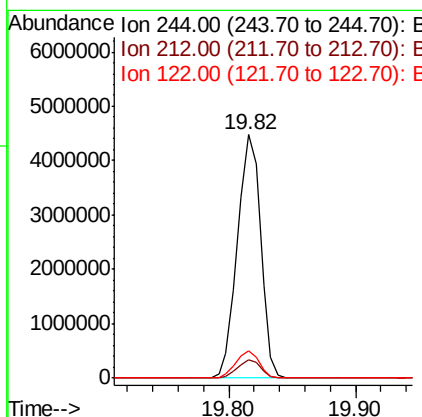
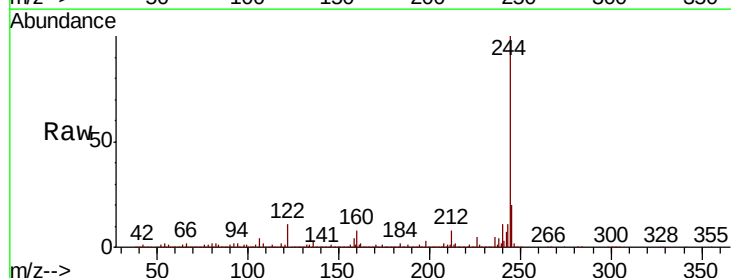
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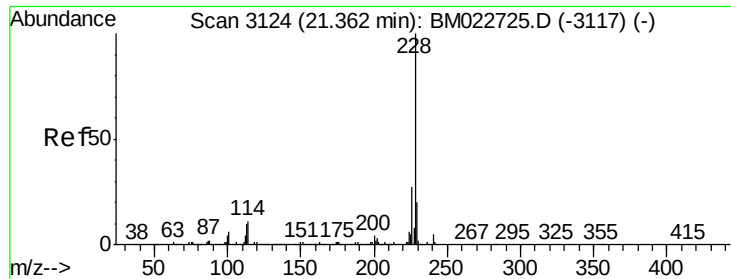
mohammad
9/26/2019 8:25:39 AM



#79
Terphenyl-d14
Concen: 118.164 ng
RT: 19.82 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BM022763.D
Acq: 24 Sep 2019 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	5675524		
212	7.8		5.9	8.9
122	11.0		9.0	13.4





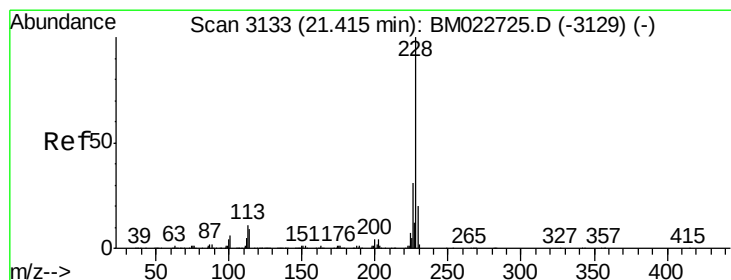
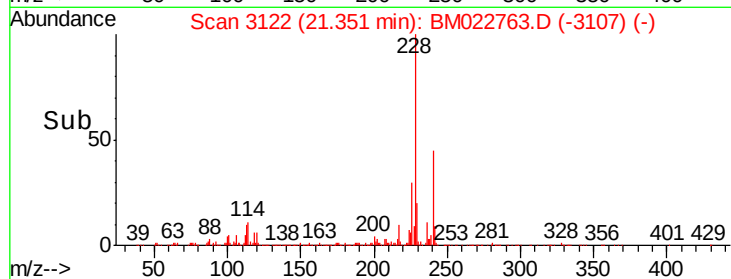
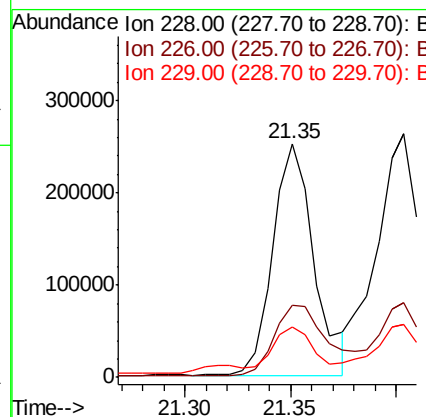
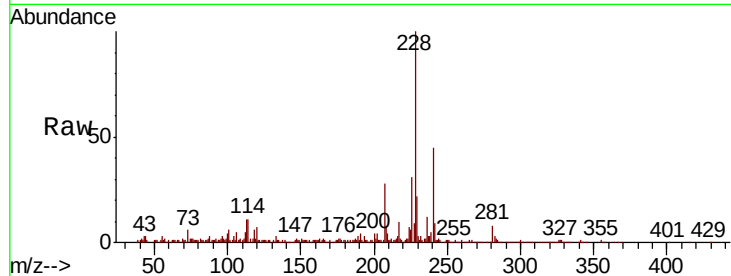
#81
Benzo(a)anthracene
Concen: 5.669 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM022763.D
Acq: 24 Sep 2019 23:17

Instrument :
BNA_M
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.0	33.0
229	21.7	15.9	23.9

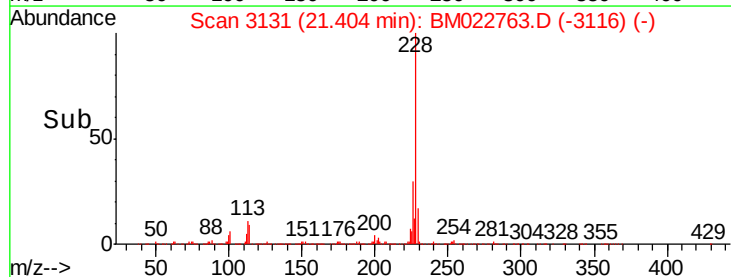
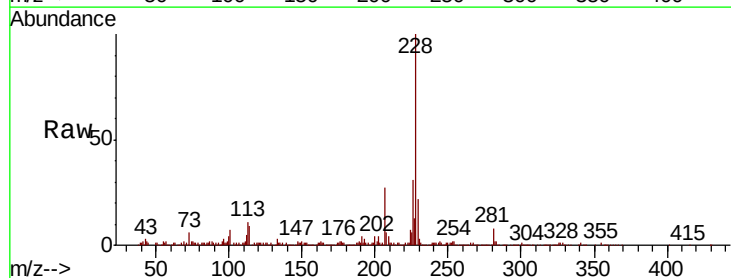
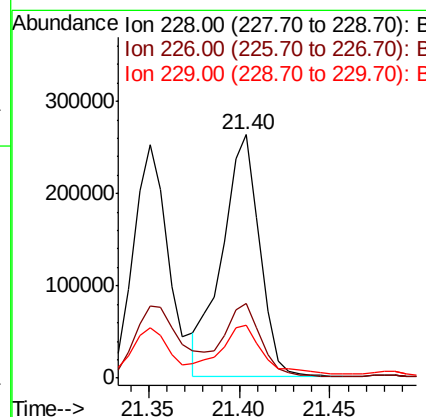
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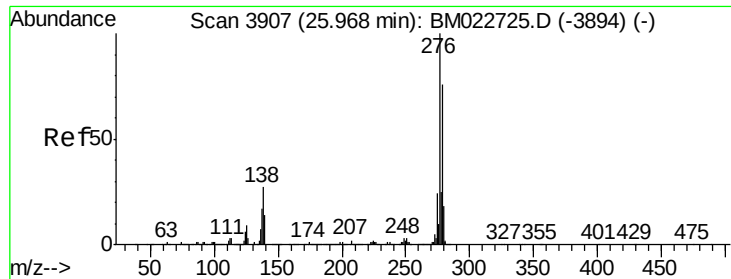
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#83
Chrysene
Concen: 6.430 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM022763.D
Acq: 24 Sep 2019 23:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	21.6	15.9	23.9





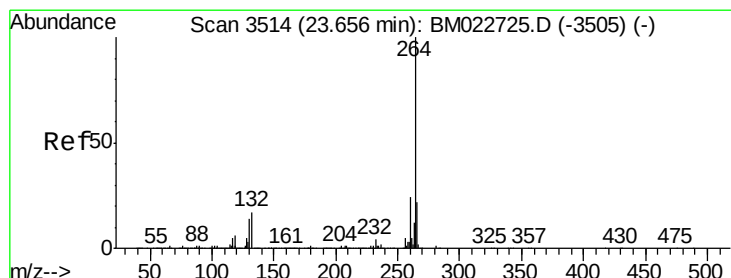
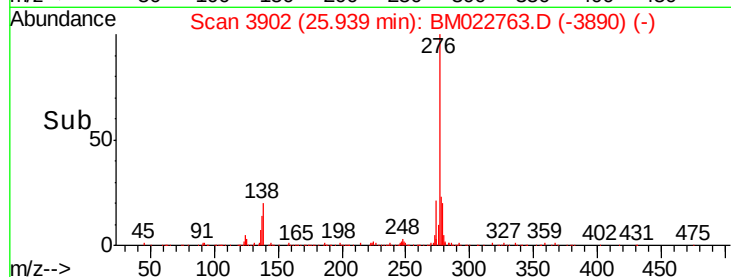
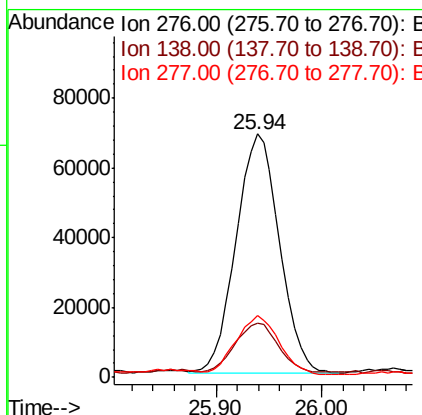
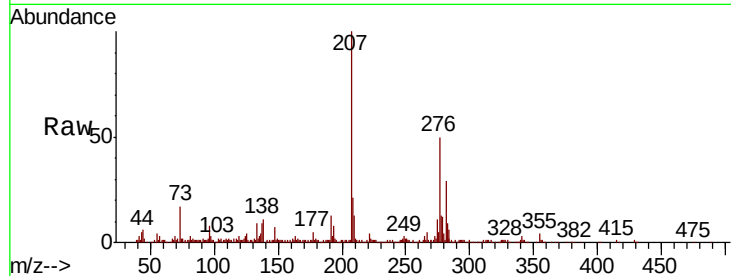
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.800 ng
 RT: 25.94 min Scan# 3902
 Delta R.T. -0.03 min
 Lab File: BM022763.D
 Acq: 24 Sep 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 WC-12-091919

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	20.1	0.0	0.0#
277	24.6	0.0	0.0#

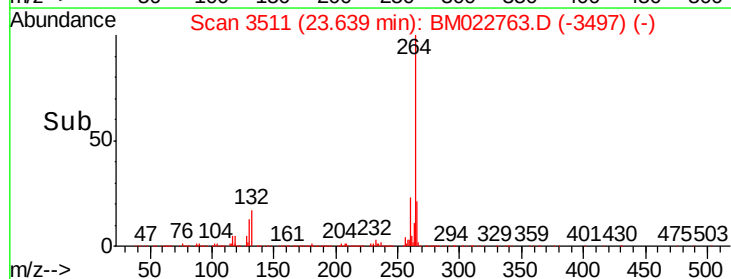
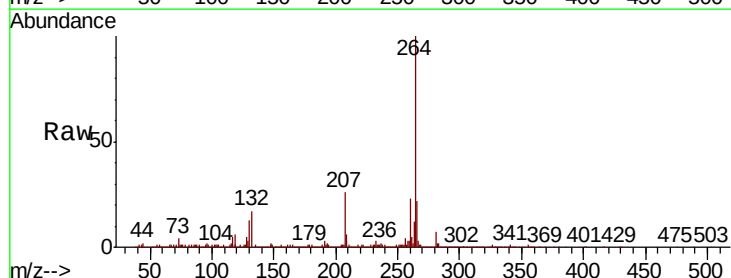
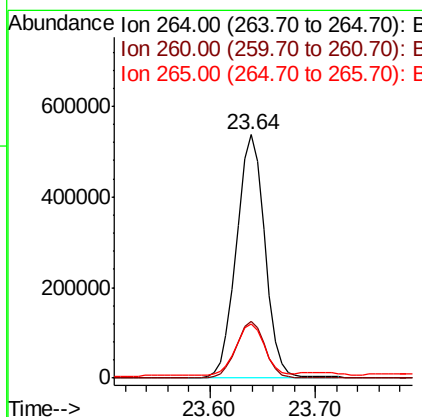
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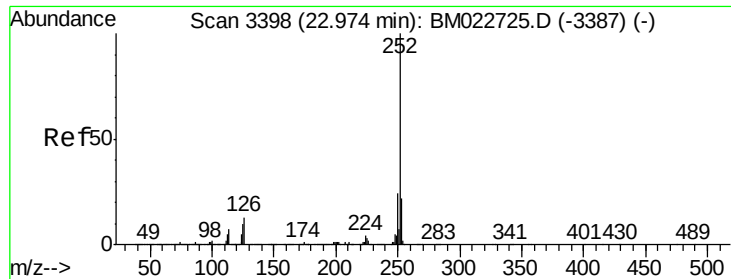
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM022763.D
 Acq: 24 Sep 2019 23:17

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.4	17.9	26.9





#88

Benzo(b)fluoranthene

Concen: 6.217 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Instrument :

BNA_M

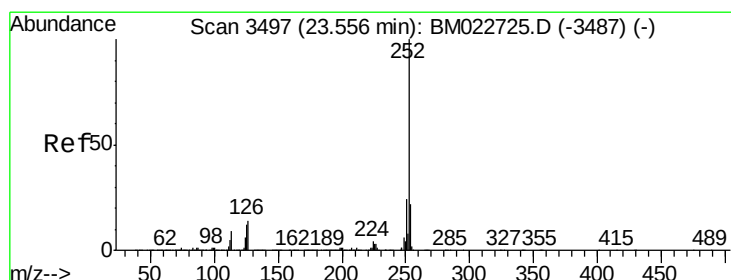
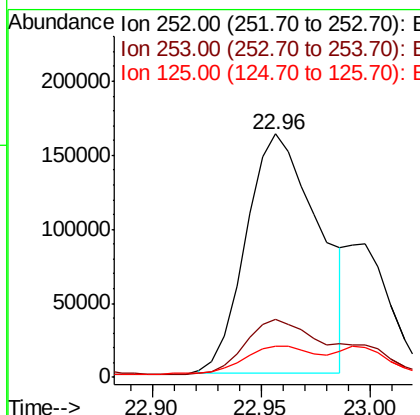
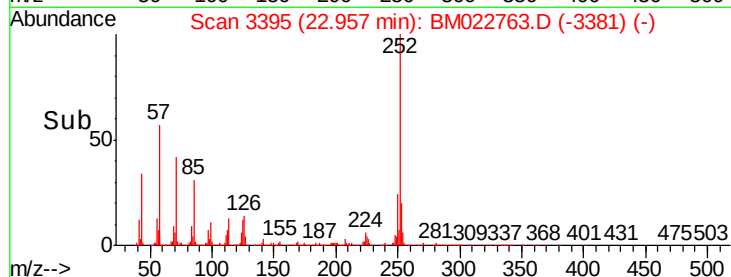
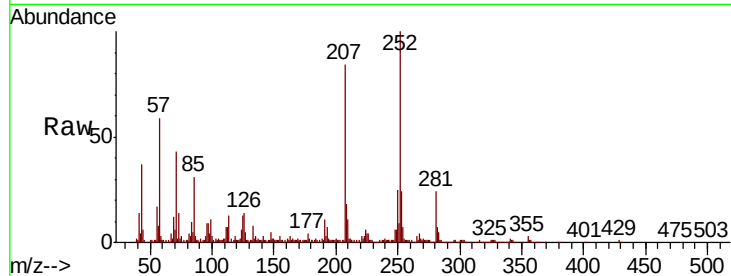
ClientSampleId :

WC-12-091919

Tot Ion:	252	Resp:	374747
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	13.0	8.2	12.4

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#90

Benzo(a)pyrene

Concen: 5.207 ng

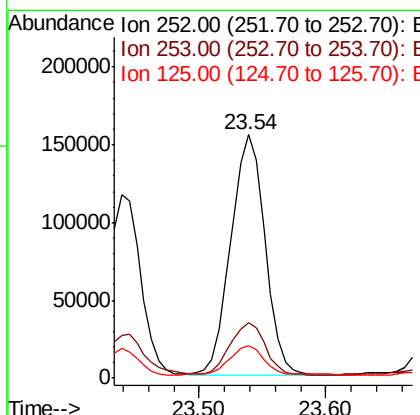
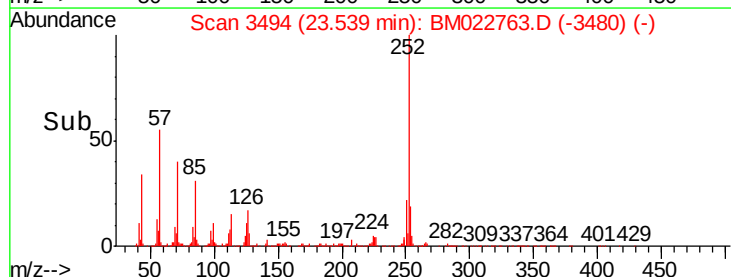
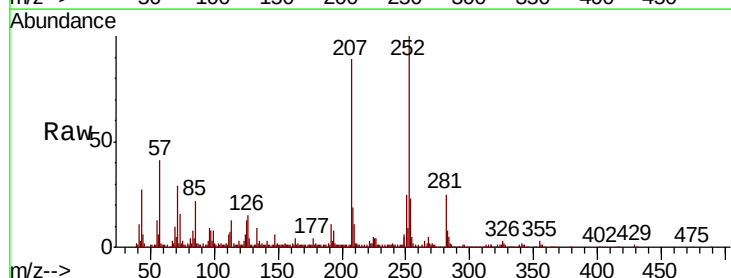
RT: 23.54 min Scan# 3494

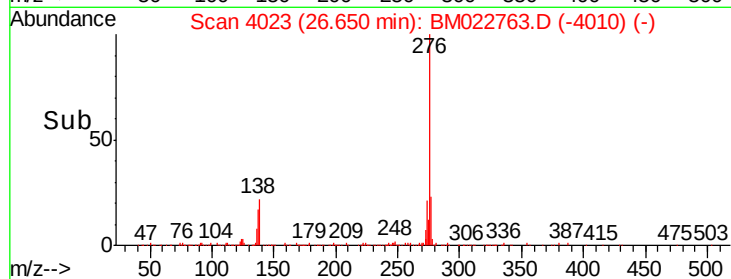
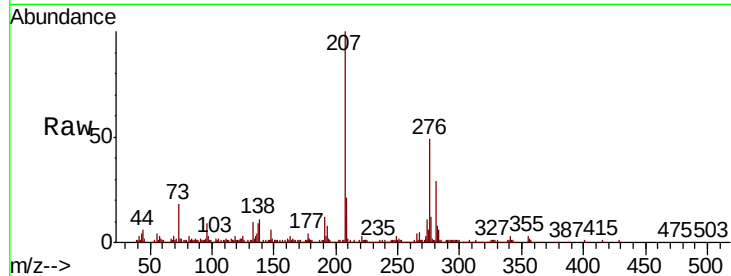
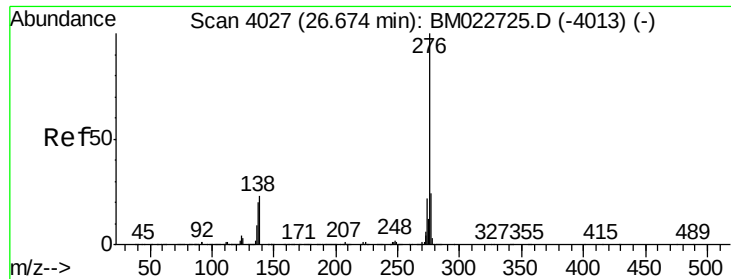
Delta R.T. -0.02 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Tgt Ion:	252	Resp:	289237
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.3	25.9
125	13.2	9.3	13.9





#92

Benzo(a,h,i)perylene

Concen: 3.716 ng

RT: 26.65 min Scan# 4023

Delta R.T. -0.02 min

Lab File: BM022763.D

Acq: 24 Sep 2019 23:17

Tot Ion:	276	Resp:	205079
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.1	28.7
138	23.0	18.5	27.7

Instrument :

BNA_M

ClientSampleId :

WC-12-091919

Manual Integrations
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