

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

Manual Integrations
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mohammad
 8/28/2019 10:11:46 AM

Quant Time: Sep 02 00:10:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	289570	20.00	ng/ul	0.07
35) Acenaphthene-d10	14.20	164	116537	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	244975	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	190516	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	203273	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4699	5.94	ng/uL	0.00
5) Phenol-d5	6.76	99	31667	10.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	68804	38.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	82344	33.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	41400	15.64	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	52209	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	62908	25.03	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	115492	22.58	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	38616m	6.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	421844	41.10	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	457629	41.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	16266m	10.70	ng/ul	0.03
57) Fluorene-d10	15.20	176	362870	42.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	63808	33.75	ng/ul	0.00
70) Anthracene-d10	17.06	188	573229	44.19	ng/ul	-0.01
78) Pyrene-d10	19.37	212	591637	59.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	487484	43.65	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.77	94	13875	4.242	ng/ul# 27
11) 2-Methylphenol	8.01	108	122810	47.678	ng/ul 85
14) Acetophenone	8.39	105	81402	17.786	ng/ul# 85
16) 4-Methylphenol	8.33	108	109926m	38.814	ng/ul
21) Isophorone	9.32	82	2013862	173.787	ng/ul 95
24) 2,4-Dimethylphenol	9.58	107	72634m	11.221	ng/ul
28) Naphthalene	10.40	128	60857674m	3808.294	ng/ul
34) 2-Methylnaphthalene	12.02	142	6545937	531.651	ng/ul 96
40) 1,1'-Biphenyl	13.02	154	726888	76.644	ng/ul 99
44) Dimethylphthalate	13.67	163	23576	2.258	ng/ul 99
47) Acenaphthylene	13.93	152	1907084	166.376	ng/ul 99
49) Acenaphthene	14.26	153	157378	19.338	ng/ul 99
53) Dibenzofuran	14.60	168	34786	2.870	ng/ul 96
58) Fluorene	15.26	166	633235	62.027	ng/ul 99
68) Pentachlorophenol	16.63	266	4329	1.834	ng/ul 94
69) Phenanthrene	17.01	178	1813572	123.747	ng/ul 100
71) Anthracene	17.10	178	151933	9.962	ng/ul 99
74) Carbazole	17.39	167	38614	2.803	ng/ul 98
76) Fluoranthene	19.03	202	224859	10.181	ng/ul 99
79) Pyrene	19.40	202	302258	24.511	ng/ul 96
82) Benzo(a)anthracene	21.16	228	51419	3.586	ng/ul# 88
84) Chrysene	21.21	228	43629	3.254	ng/ul 96
87) Benzo(b)fluoranthene	22.72	252	33625m	2.378	ng/ul

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.27	252	44921	3.333	ng/ul	97
93) Benzo(g,h,i)perylene	26.23	276	27324	2.288	ng/ul	95

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

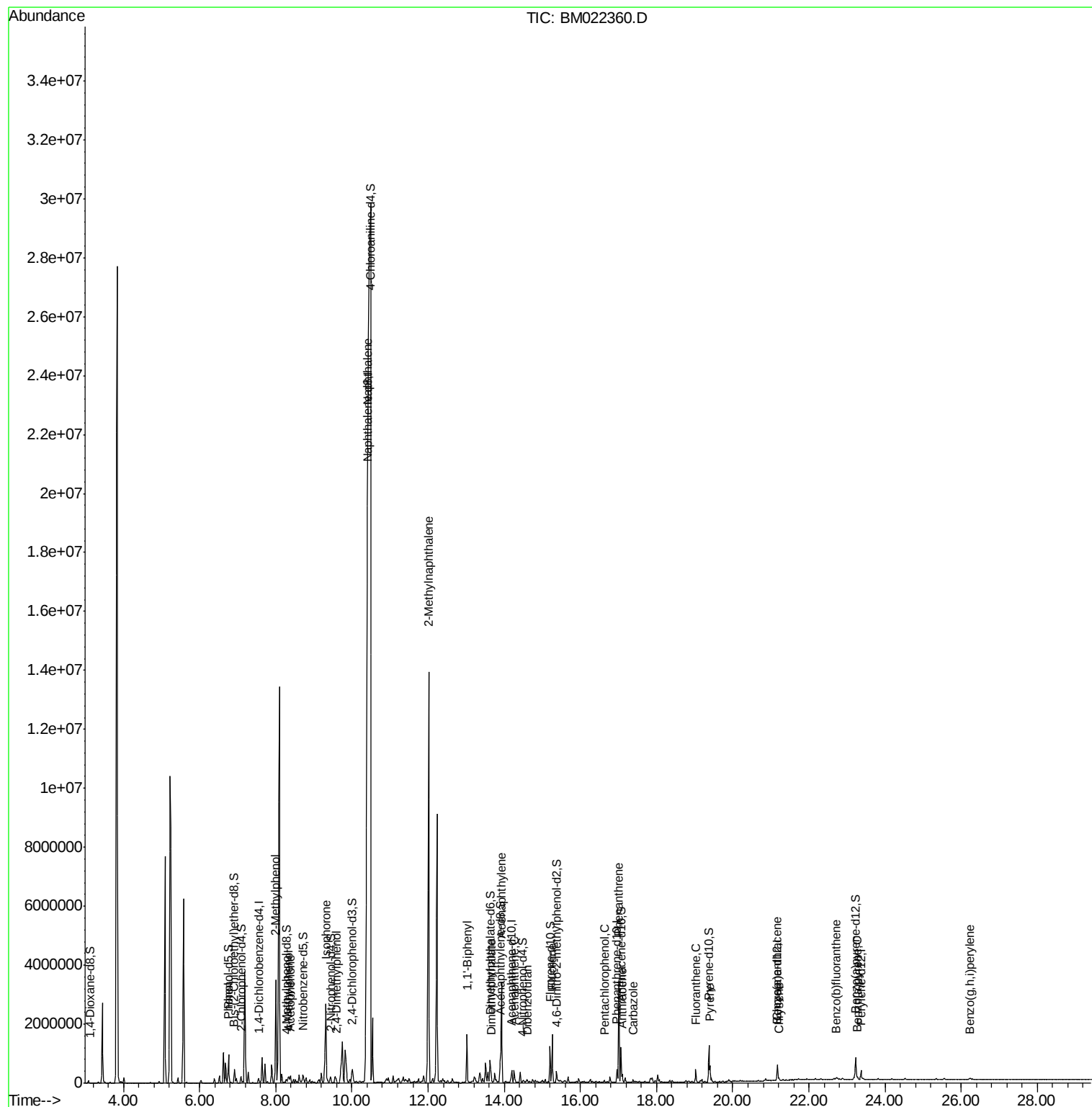
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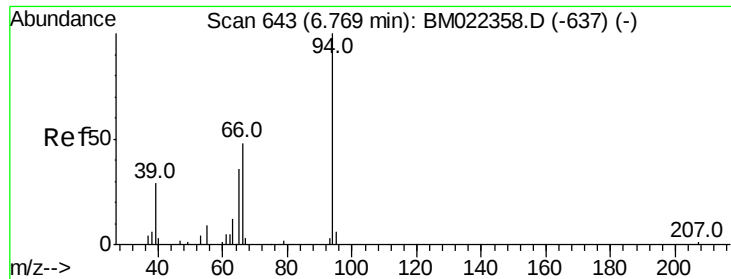
Instrument :
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#6

Phenol

Concen: 4.242 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Instrument :

BNA_M

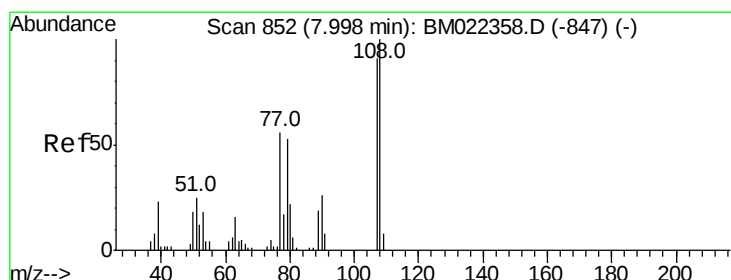
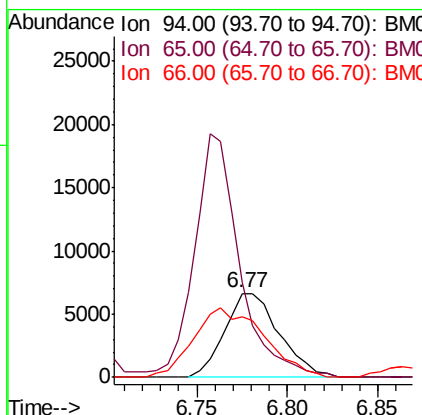
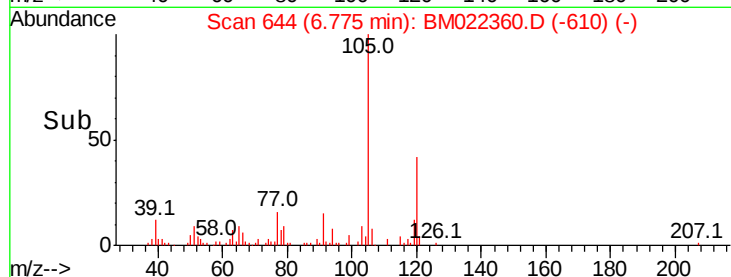
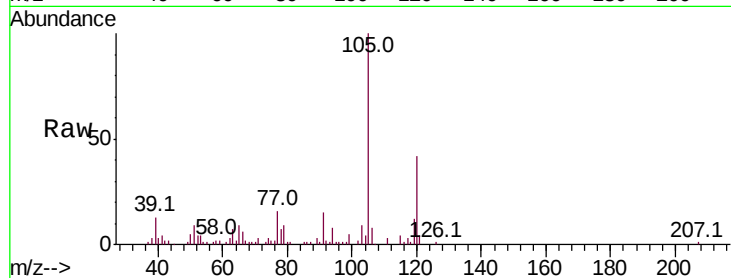
ClientSampled :

ETJQ9

Tot Ion:	94	Resp:	13875
Ion Ratio	Lower	Upper	
94	100		
65	114.1	29.2	43.8#
66	72.0	40.6	60.8#

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#11

2-Methylphenol

Concen: 47.678 ng/ul

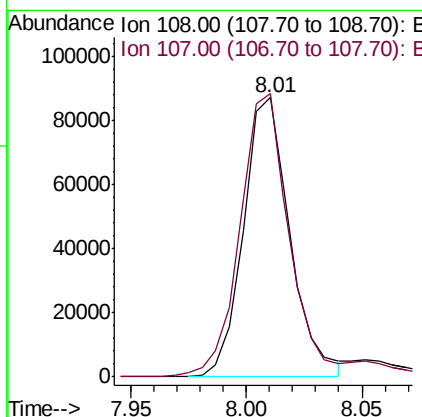
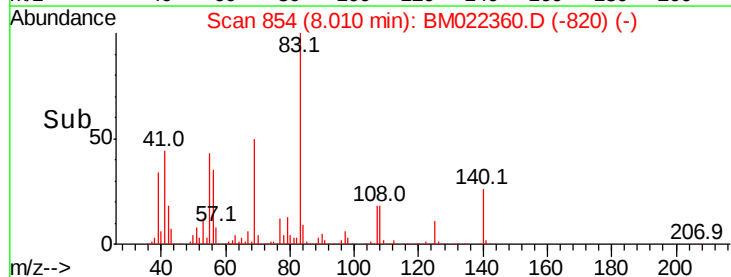
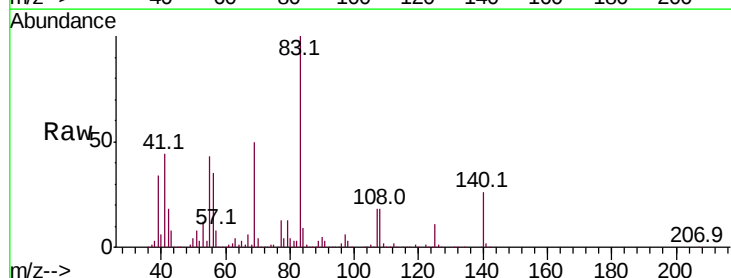
RT: 8.01 min Scan# 854

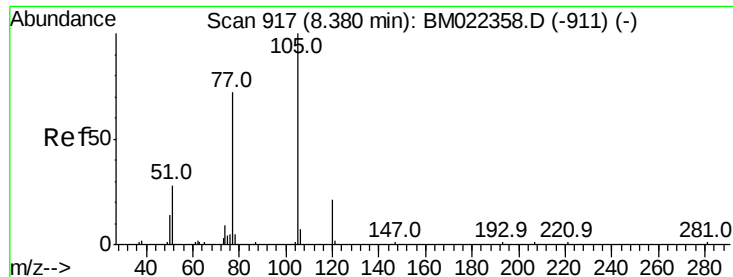
Delta R.T. 0.00 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Tgt Ion:	108	Resp:	122810
Ion Ratio	Lower	Upper	
108	100		
107	101.3	70.1	105.1





#14

Acetophenone

Concen: 17.786 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Instrument :

BNA_M

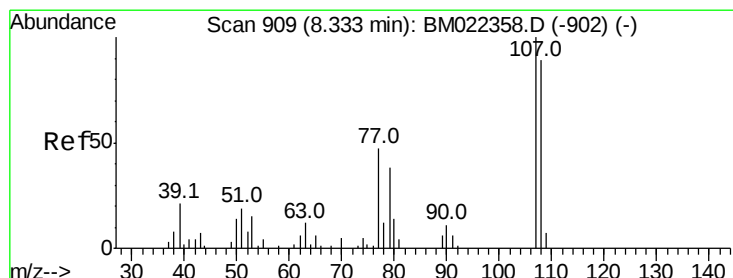
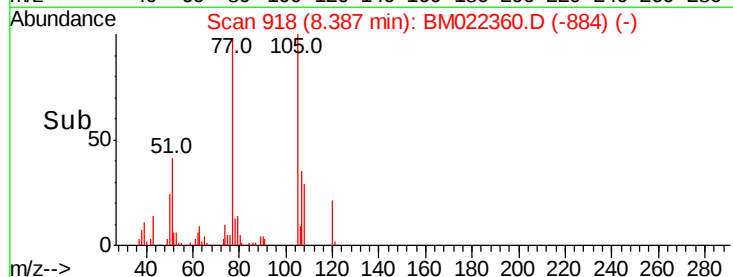
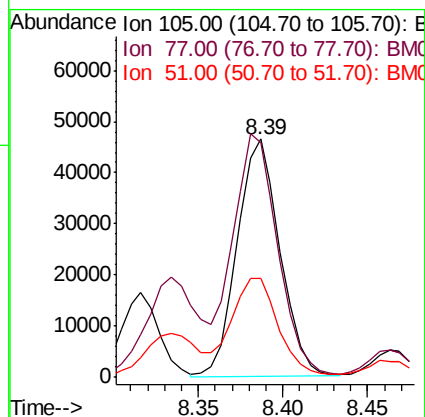
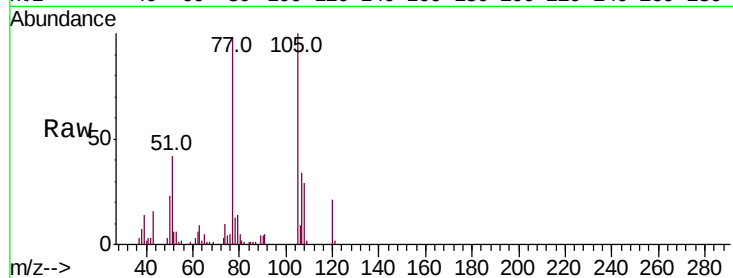
ClientSampleId :

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Tot Ion:	105	Resp:	81402
Ion Ratio	Lower	Upper	
105	100		
77	98.3	68.4	102.6
51	41.7	25.0	37.4#

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#16

4-Methylphenol

Concen: 38.814 ng/ul m

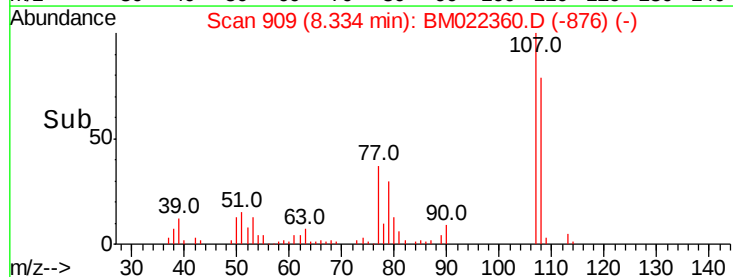
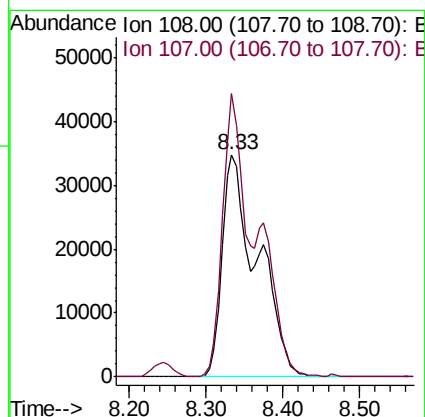
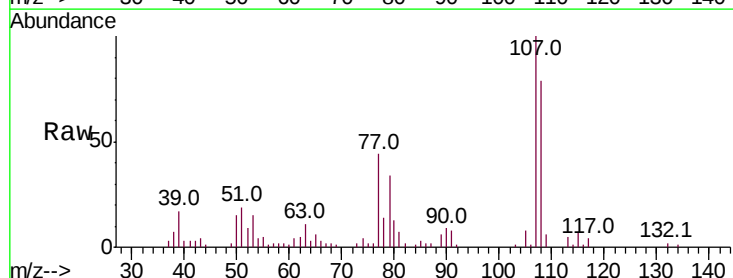
RT: 8.33 min Scan# 909

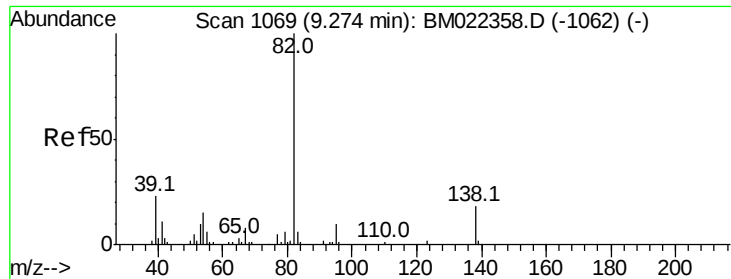
Delta R.T. -0.01 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Tgt Ion:	108	Resp:	109926
Ion Ratio	Lower	Upper	
108	100		
107	127.2	90.8	136.2





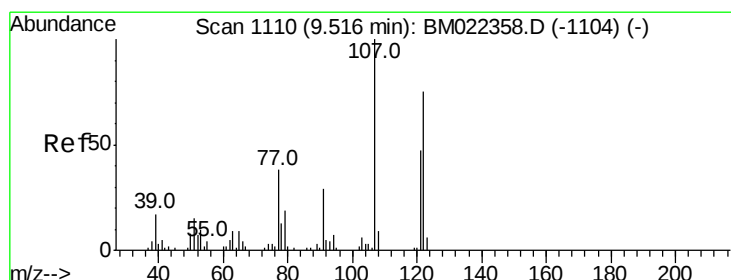
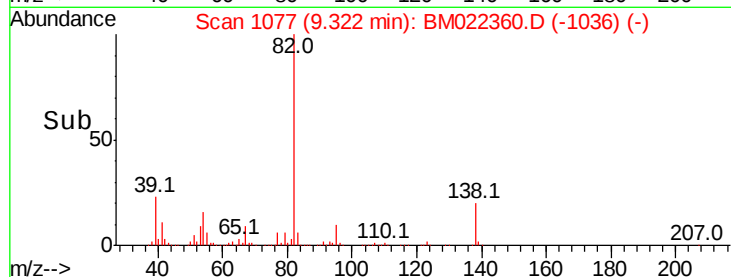
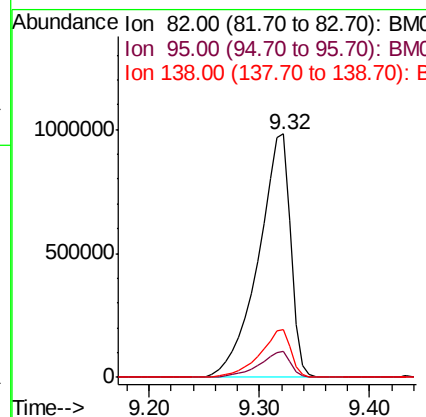
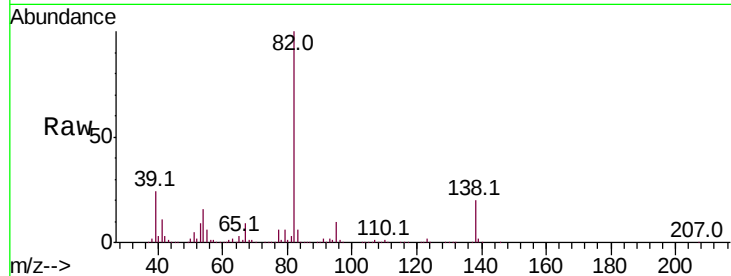
#21
Isophorone
Concen: 173.787 ng/ul
RT: 9.32 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BM022360.D
Acq: 27 Aug 2019 10:05

Instrument :
BNA_M
ClientSampleId :
ETJQ9

Tot Ion	Ratio	Lower	Upper
82	100		
95	10.5	7.2	10.8
138	19.5	13.8	20.6

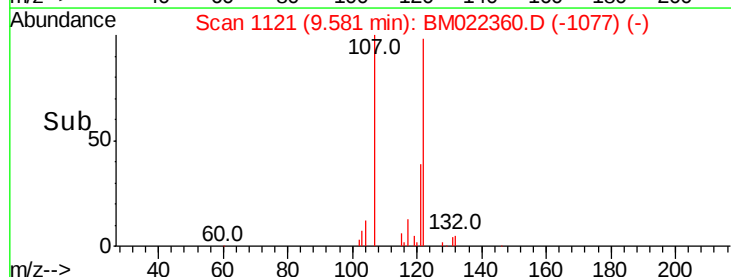
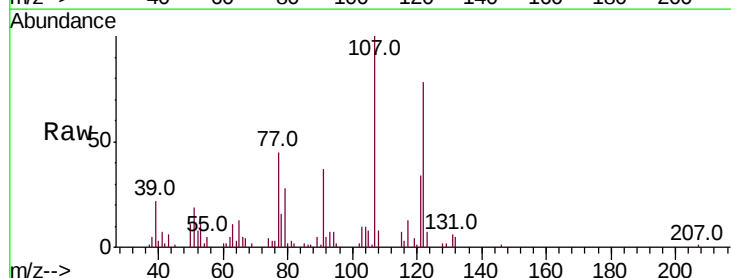
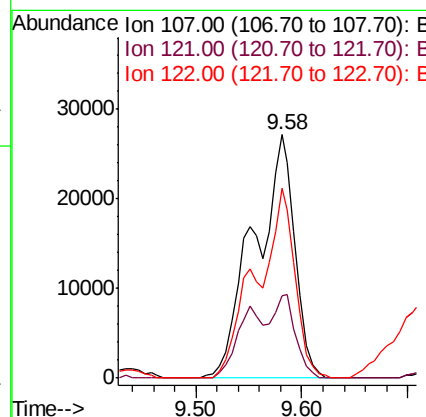
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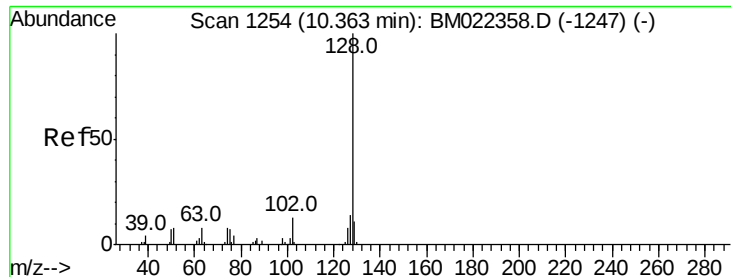
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#24
2,4-Dimethylphenol
Concen: 11.221 ng/ul m
RT: 9.58 min Scan# 1121
Delta R.T. 0.06 min
Lab File: BM022360.D
Acq: 27 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
107	100		
121	33.7	33.6	50.4
122	78.1	58.0	87.0





#28

Naphthalene

Concen: 3808.294 ng/ul m

RT: 10.40 min Scan# 1261

Delta R.T. 0.03 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Instrument :

BNA_M

ClientSampleId :

ETJQ9

Tot Ion:128 Resp:60857674

Ion Ratio Lower Upper

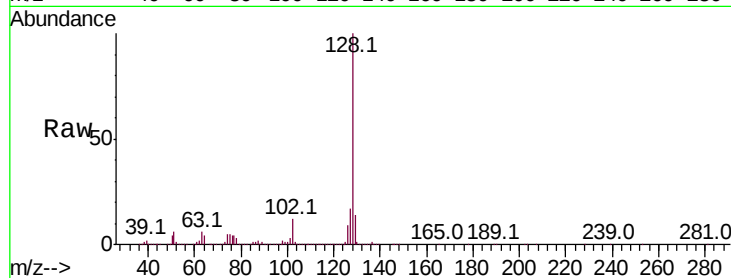
128 100

129 14.3 8.6 13.0#

127 17.0 10.4 15.6#

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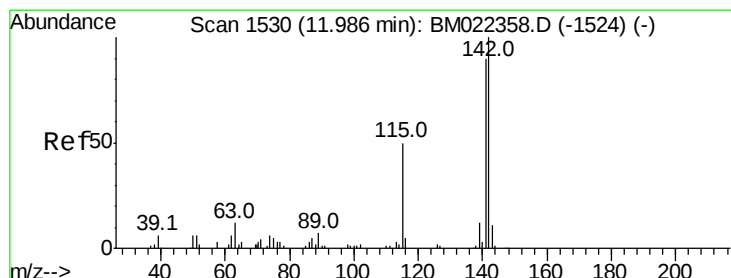
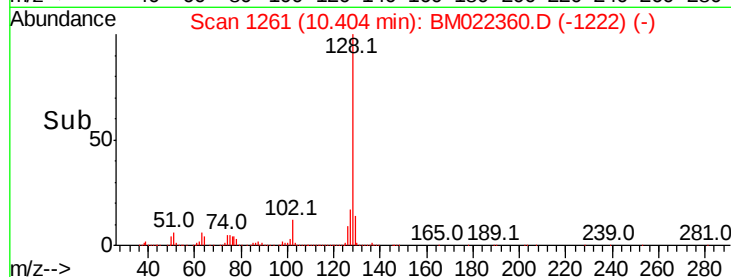
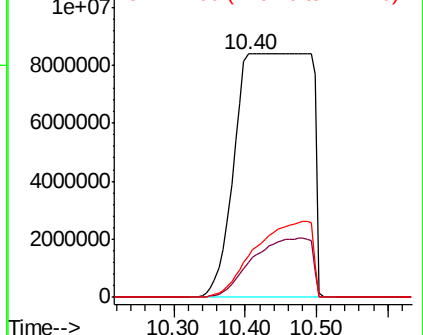
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 531.651 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. 0.02 min

Lab File: BM022360.D

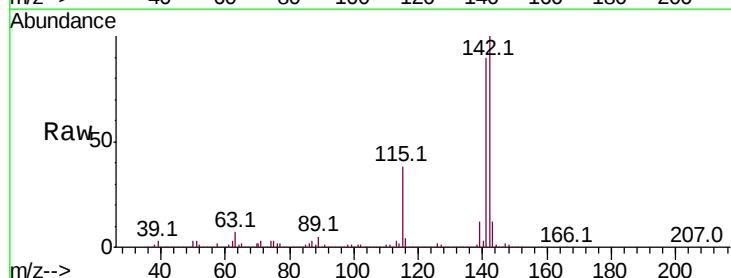
Acq: 27 Aug 2019 10:05

Tgt Ion:142 Resp: 6545937

Ion Ratio Lower Upper

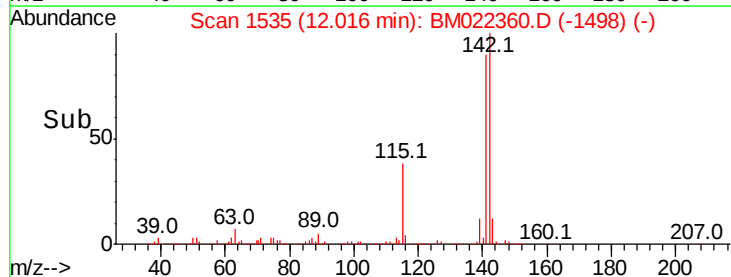
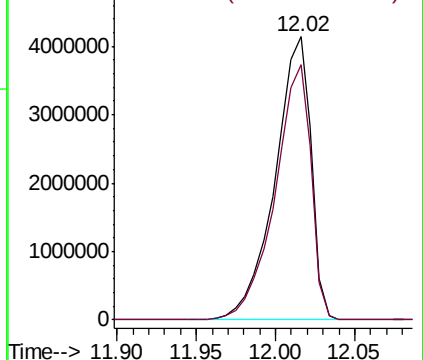
142 100

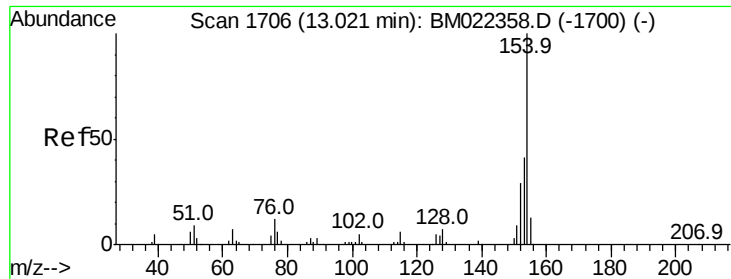
141 90.2 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





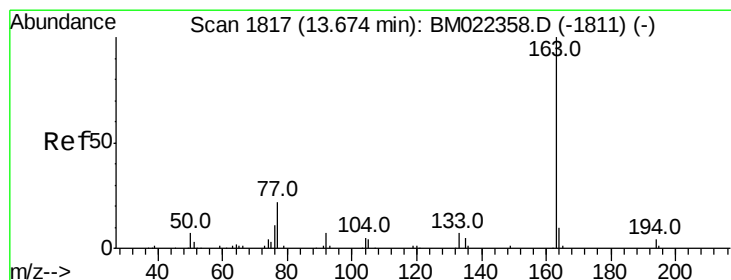
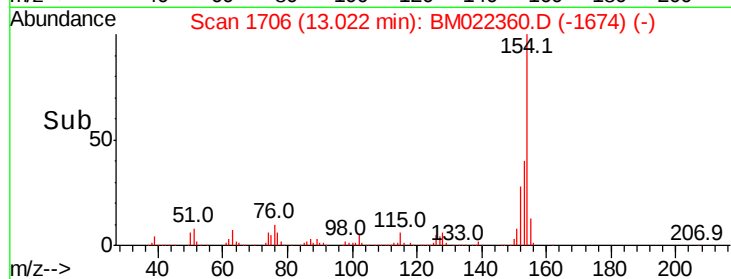
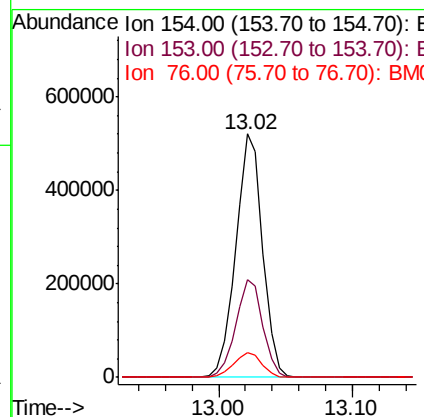
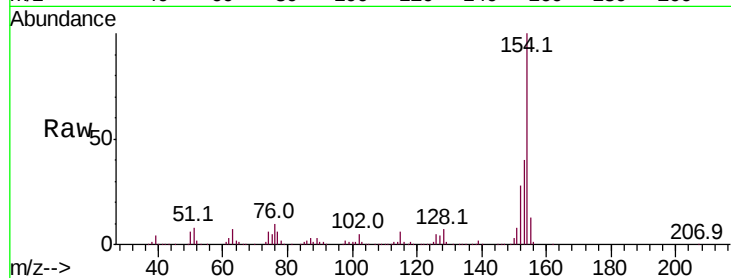
#40
 1,1'-Biphenyl
 Concen: 76.644 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	32.5	48.7	
76	10.2	9.2	13.8	

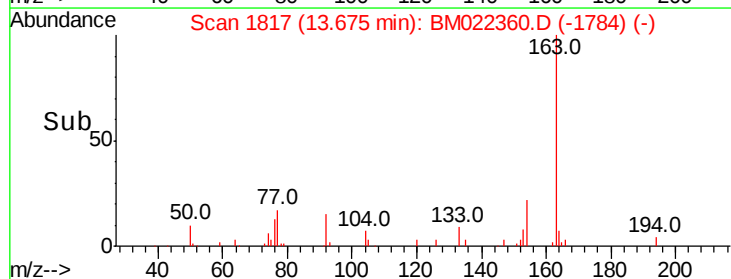
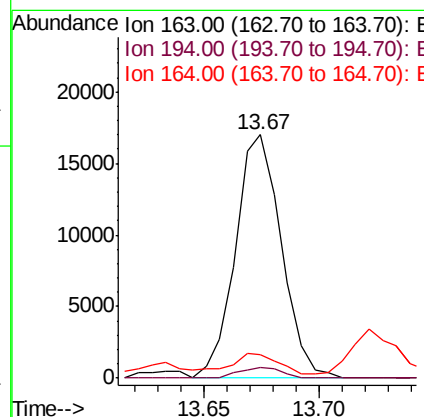
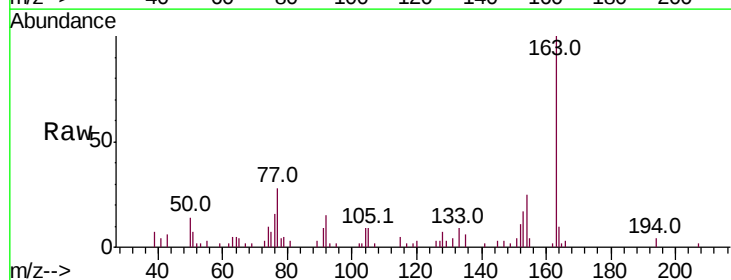
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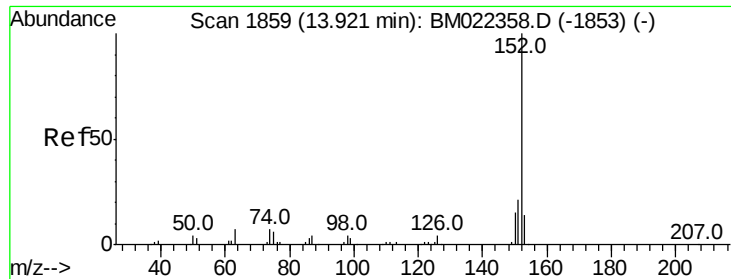
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#44
 Dimethylphthalate
 Concen: 2.258 ng/ul
 RT: 13.67 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	3.0	4.6	
164	9.8	7.8	11.8	





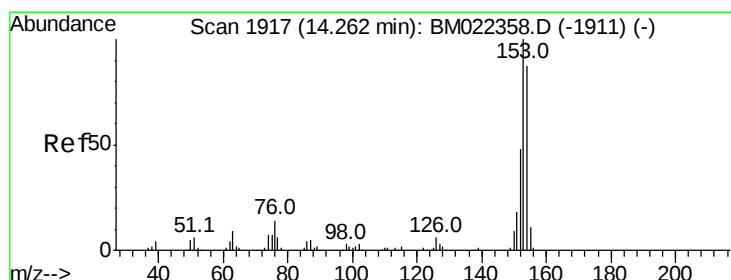
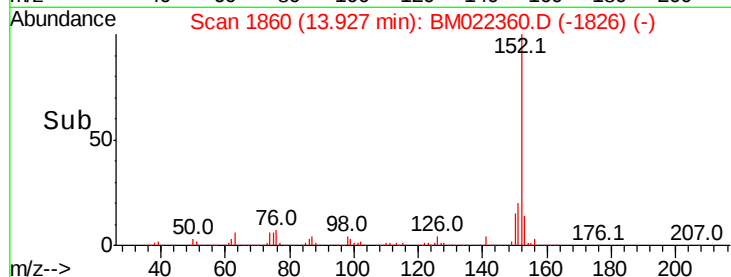
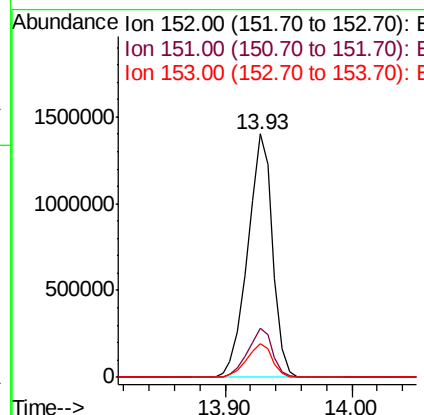
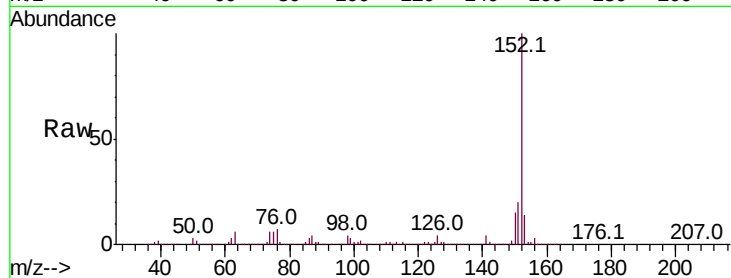
#47
Acenaphthylene
Concen: 166.376 ng/ul
RT: 13.93 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM022360.D
Acq: 27 Aug 2019 10:05

Instrument :
BNA_M
ClientSampleId :
ETJQ9

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.8	10.4	15.6

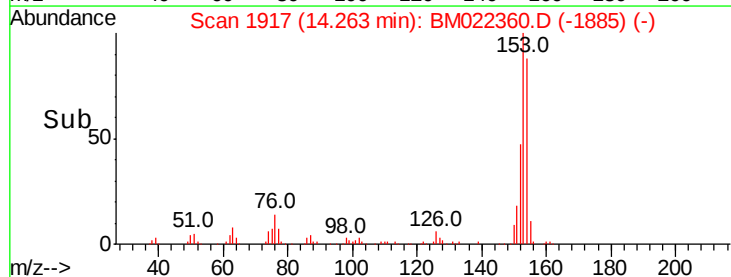
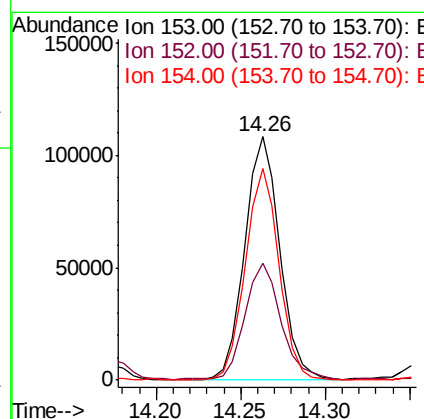
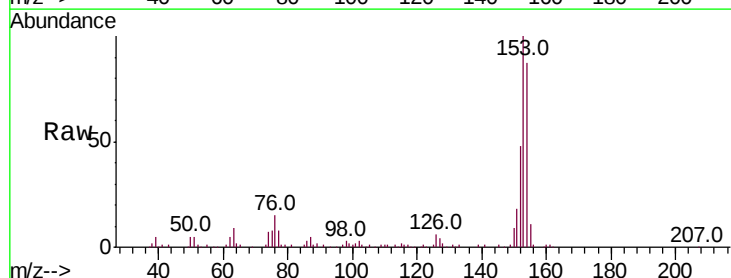
Manual Integrations
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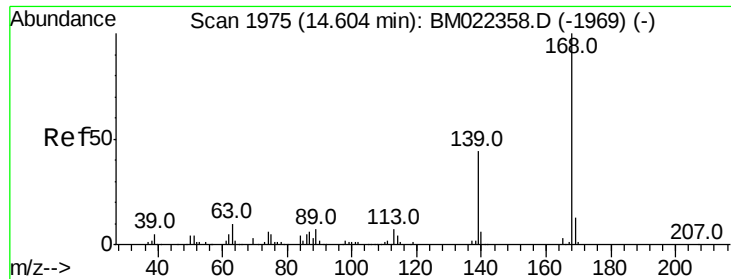
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#49
Acenaphthene
Concen: 19.338 ng/ul
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM022360.D
Acq: 27 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.6	58.0
154	87.1	68.9	103.3





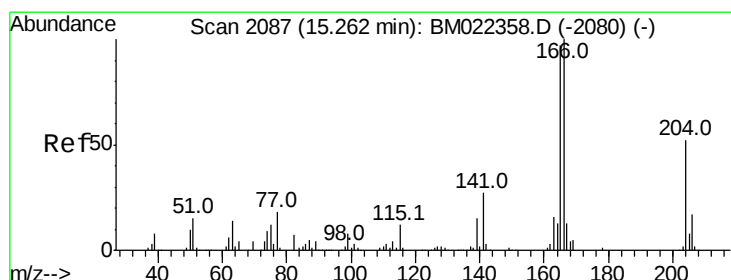
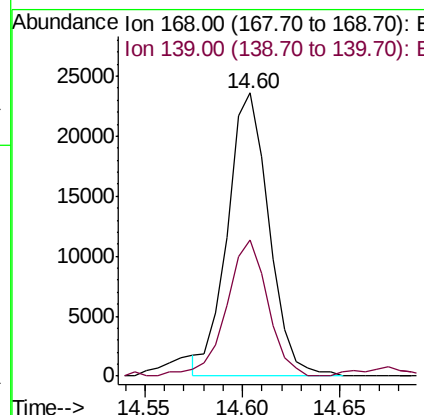
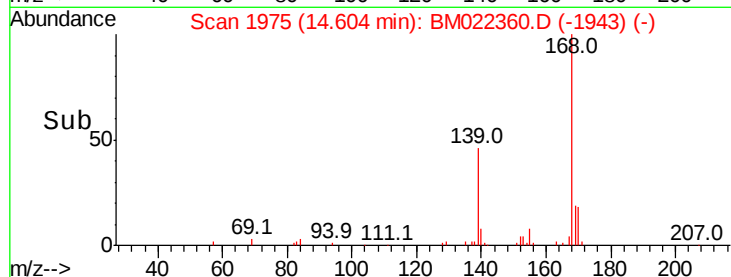
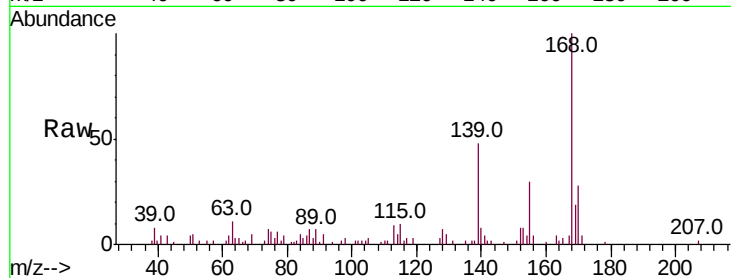
#53
Dibenzofuran
Concen: 2.870 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM022360.D
Acq: 27 Aug 2019 10:05

Instrument :
BNA_M
ClientSampled :
ETJQ9

Tot Ion	Ratio	Lower	Upper
168	100		
139	48.1	36.2	54.4

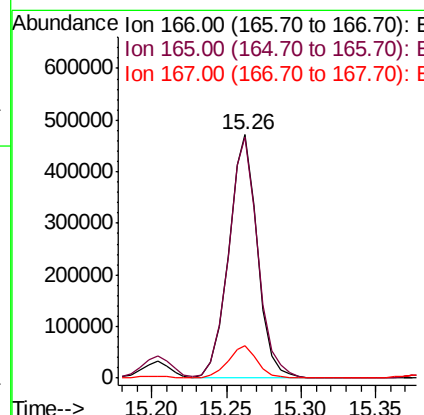
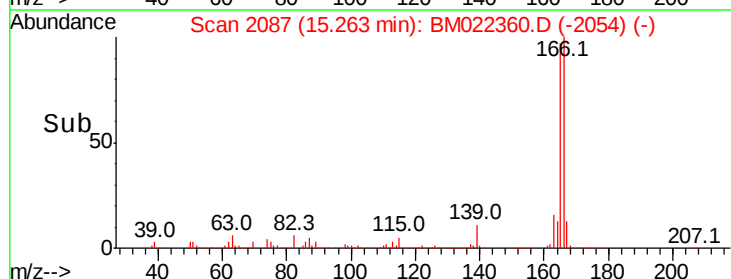
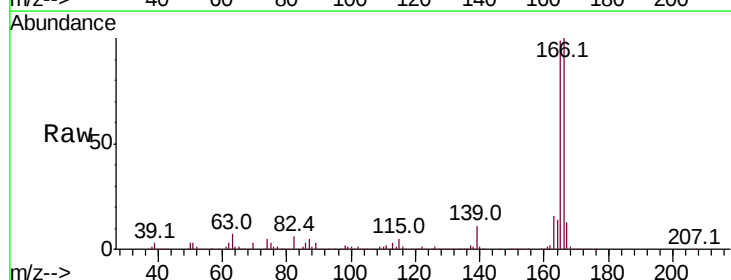
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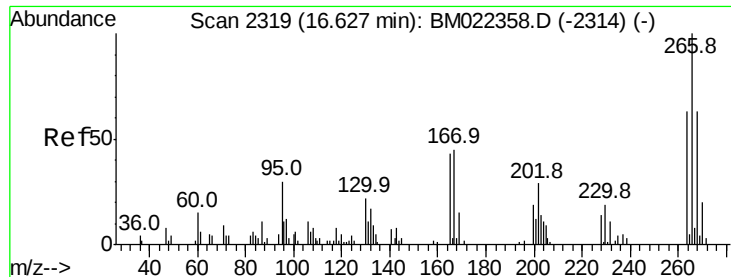
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#58
Fluorene
Concen: 62.027 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022360.D
Acq: 27 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.2	120.2
167	13.1	11.4	17.0





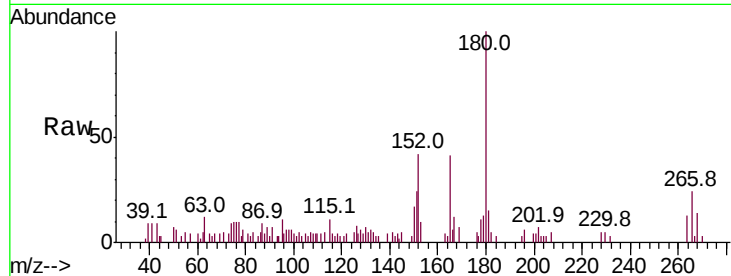
#68
 Pentachlorophenol
 Concen: 1.834 ng/ul
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

Tot Ion	Ratio	Lower	Upper
266	100		
264	57.2	51.3	76.9
268	59.5	49.4	74.2

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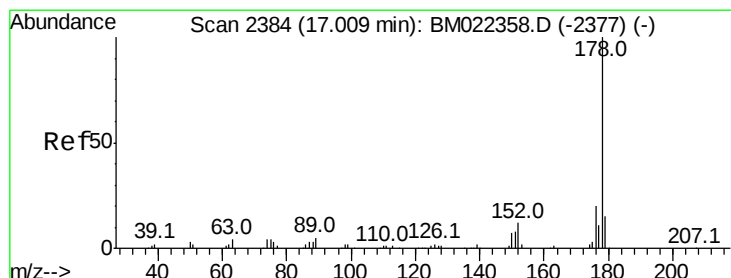
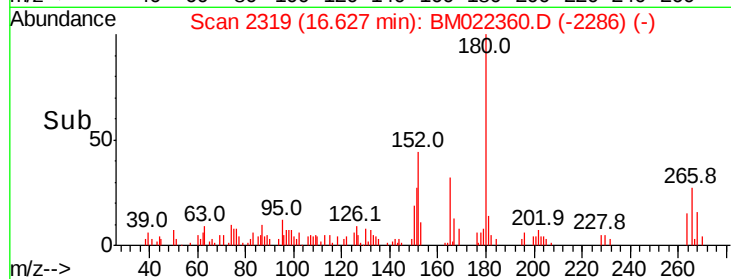
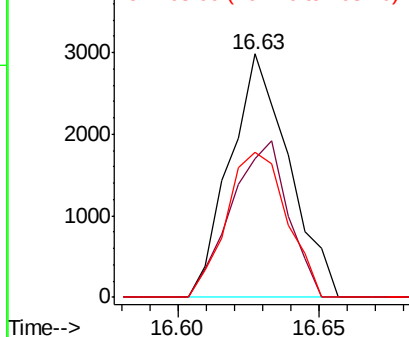


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 123.747 ng/ul
 RT: 17.01 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

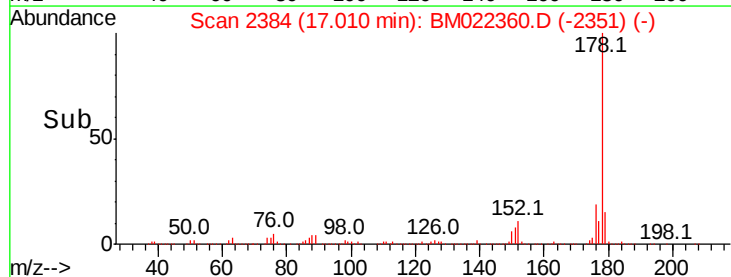
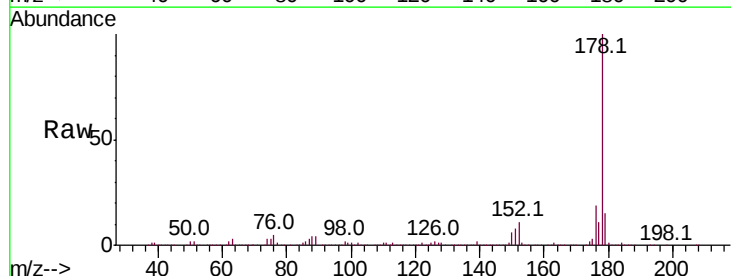
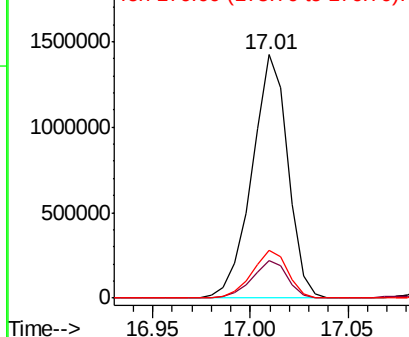
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.5	15.4	23.0

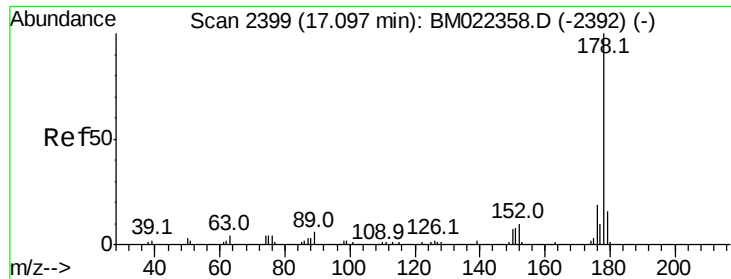
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





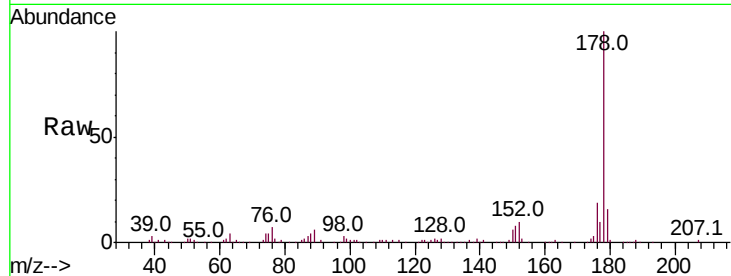
#71
 Anthracene
 Concen: 9.962 ng/ul
 RT: 17.10 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

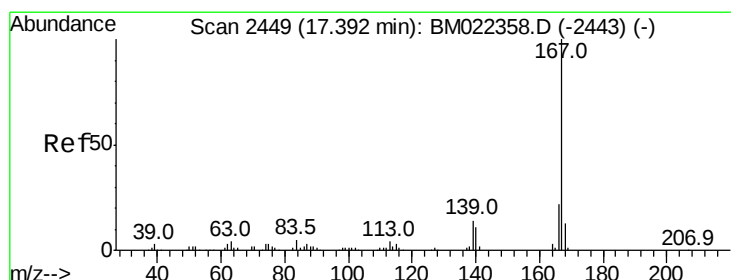
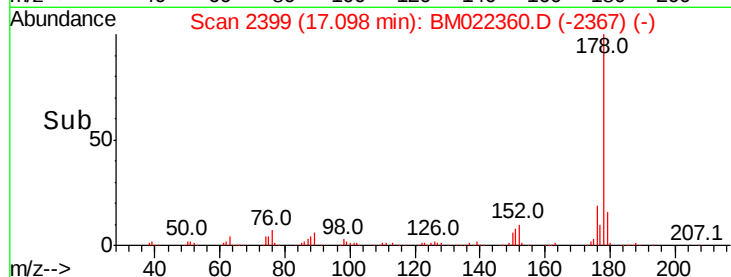
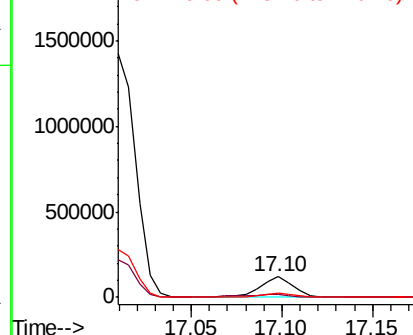
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.2	15.5	23.3

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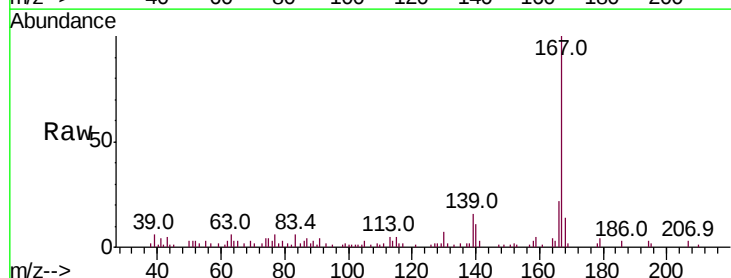


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

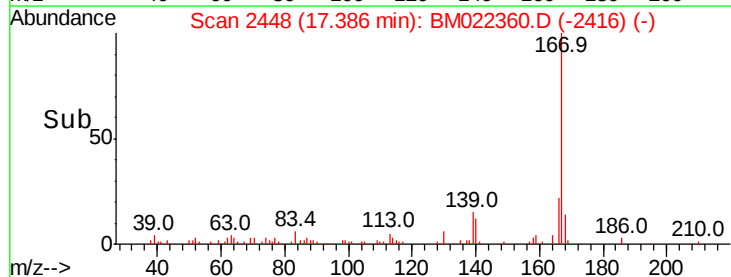
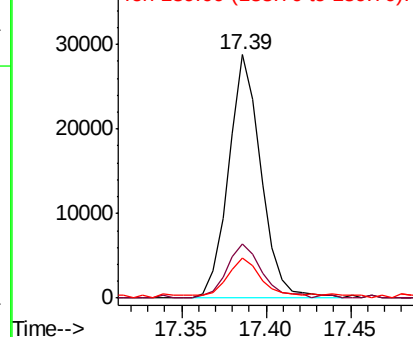


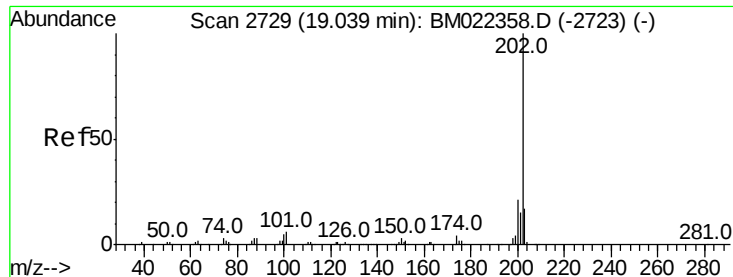
#74
 Carbazole
 Concen: 2.803 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	16.2	11.8	17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 10.181 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Instrument :

BNA_M

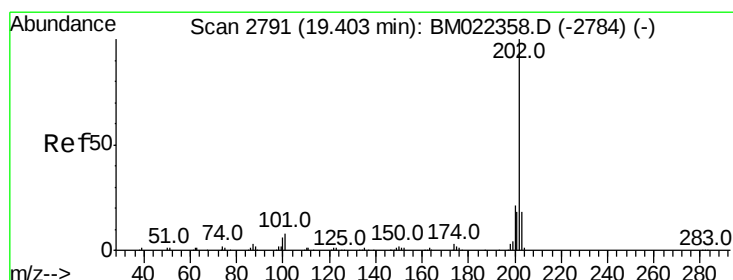
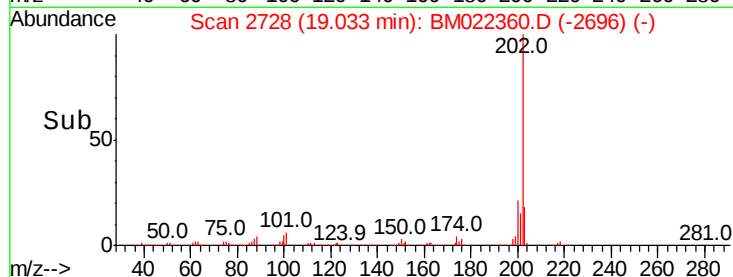
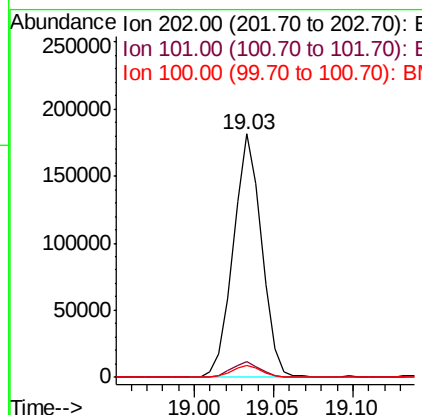
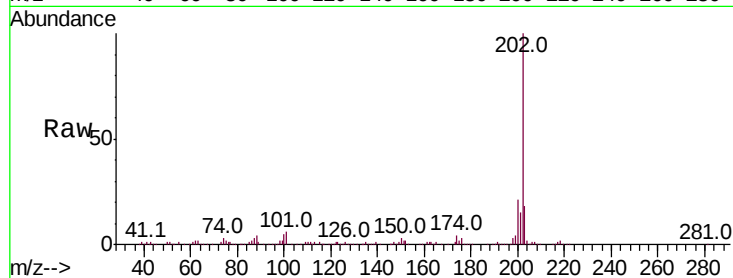
ClientSampleId :

ETJQ9

Tot Ion:	202	Resp:	224859
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.3	7.9
100	5.0	4.6	6.8

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#79

Pyrene

Concen: 24.511 ng/ul

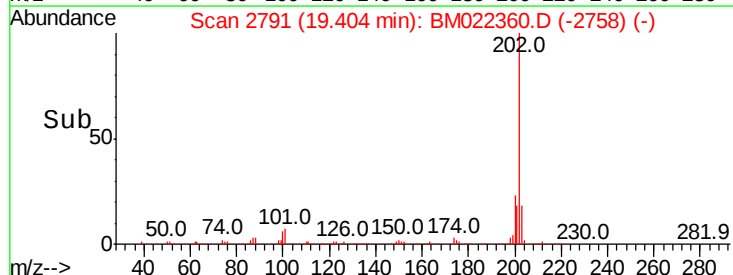
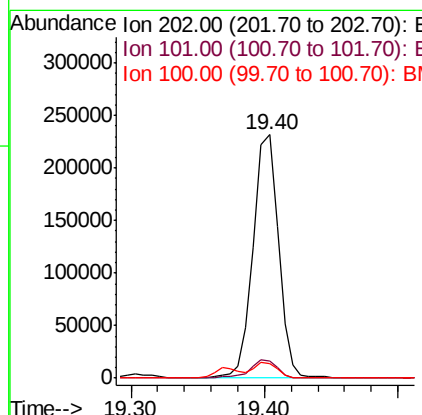
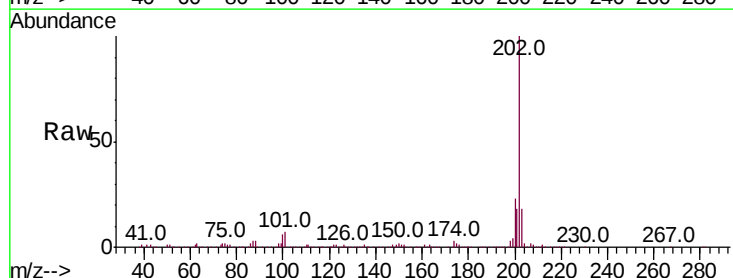
RT: 19.40 min Scan# 2791

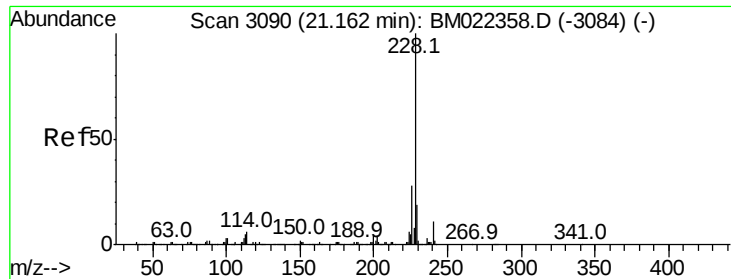
Delta R.T. -0.01 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Tgt Ion:	202	Resp:	302258
Ion Ratio	Lower	Upper	
202	100		
101	7.1	7.0	10.4
100	6.2	5.8	8.8





#82

Benzo(a)anthracene

Concen: 3.586 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Instrument :

BNA_M

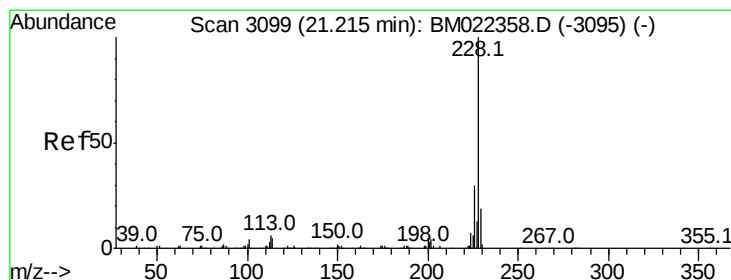
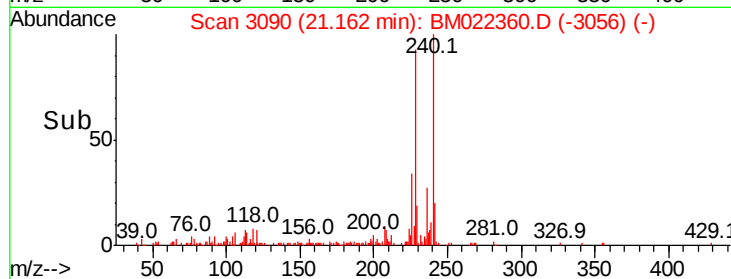
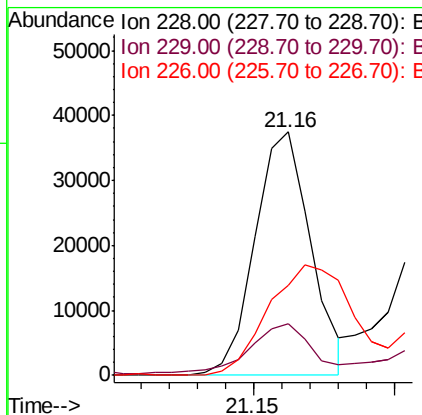
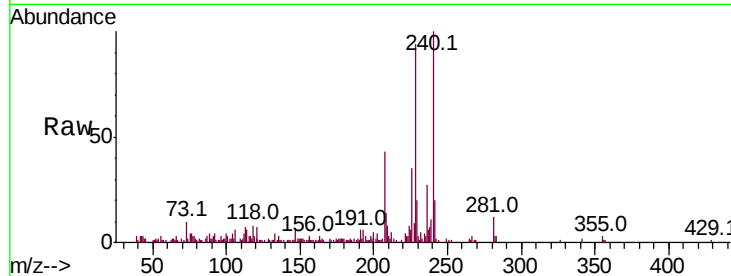
ClientSampled :

ETJQ9

Tot Ion:	228	Resp:	51419
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.2	22.8
226	37.2	22.3	33.5#

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#84

Chrysene

Concen: 3.254 ng/ul

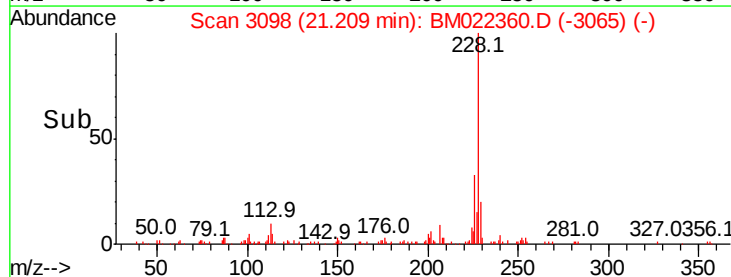
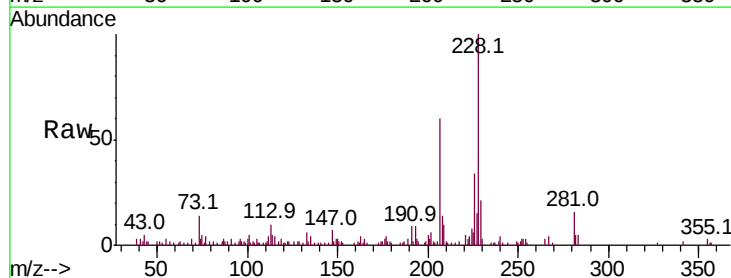
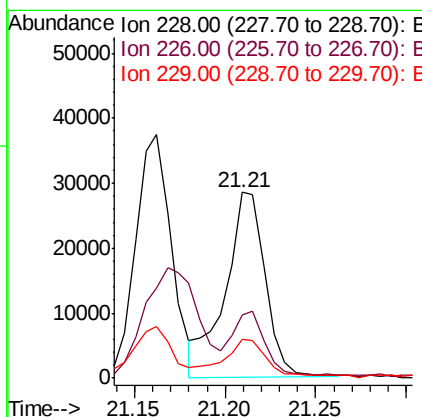
RT: 21.21 min Scan# 3098

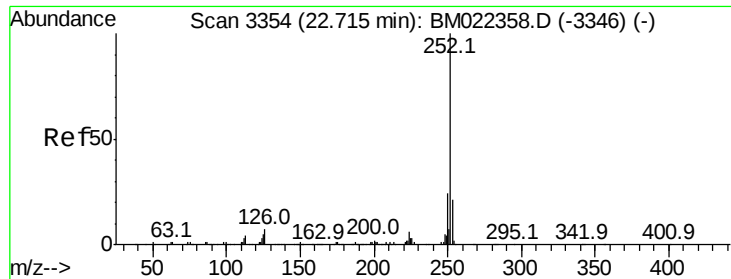
Delta R.T. -0.01 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Tgt Ion:	228	Resp:	43629
Ion Ratio	Lower	Upper	
228	100		
226	33.9	24.7	37.1
229	20.8	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 2.378 ng/ul m

RT: 22.72 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Instrument :

BNA_M

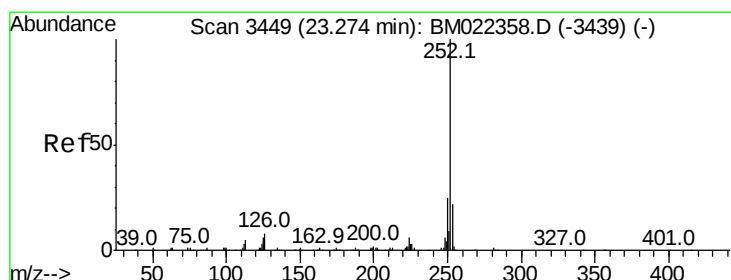
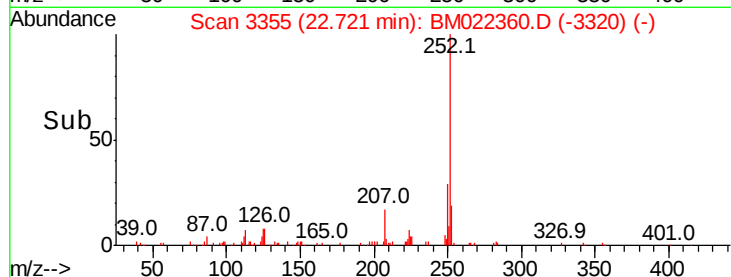
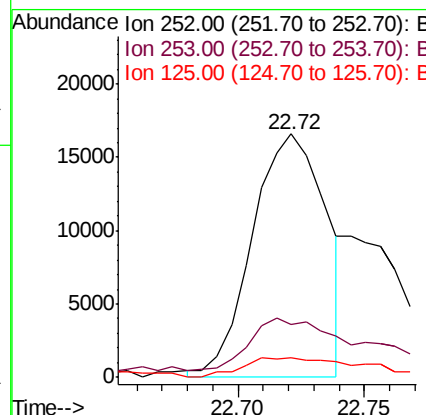
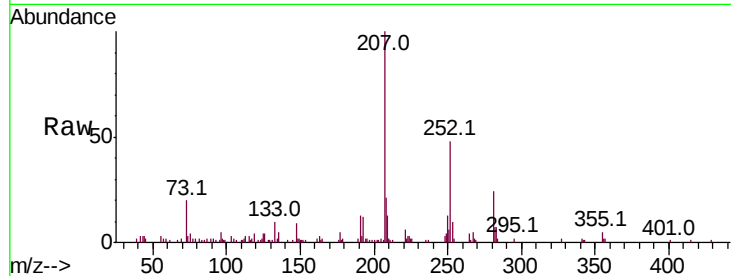
ClientSampled :

ETJQ9

Tot Ion:	252	Resp:	33625
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	8.2	5.2	7.8#

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#90

Benzo(a)pyrene

Concen: 3.333 ng/ul

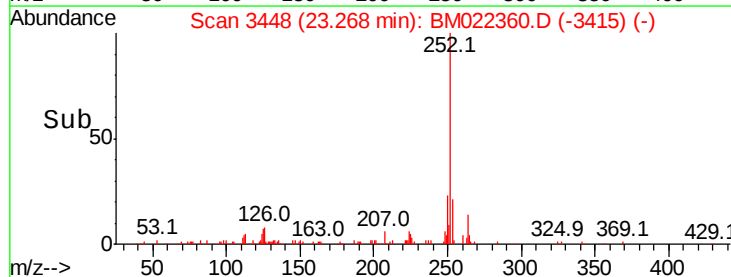
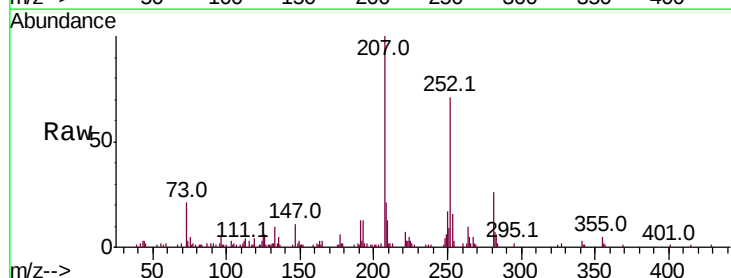
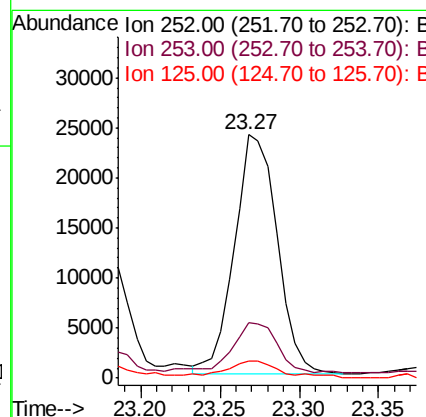
RT: 23.27 min Scan# 3448

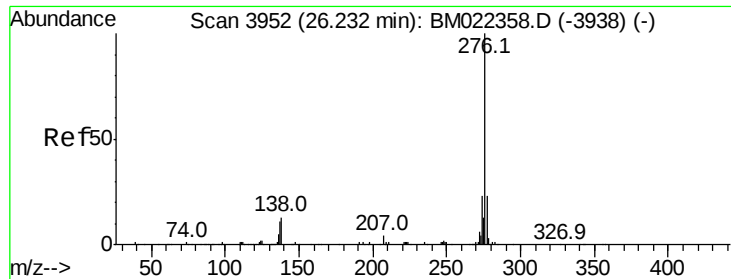
Delta R.T. -0.01 min

Lab File: BM022360.D

Acq: 27 Aug 2019 10:05

Tgt Ion:	252	Resp:	44921
Ion Ratio	Lower	Upper	
252	100		
253	23.0	16.9	25.3
125	6.9	5.5	8.3





#93
 Benzo(a,h,i)perylene
 Concen: 2.288 ng/ul
 RT: 26.23 min Scan# 3951
 Delta R.T. -0.01 min
 Lab File: BM022360.D
 Acq: 27 Aug 2019 10:05

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

Tot Ion:	276	Resp:	27324
Ion Ratio	Lower	Upper	
276	100		
138	11.5	10.2	15.4
277	20.0	18.2	27.4

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