

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026132.D
 Acq On : 27 May 2020 02:46
 Operator : MA/SJ
 Sample : L2756-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETKW8MSD

Manual Integrations
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mohammad
 5/27/2020 11:47:52 AM

Quant Time: May 27 08:05:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	174120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	719401	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.13	164	444002	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	929058	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	946957	20.00	ng/ul	-0.01
86) Perylene-d12	23.20	264	974665	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	23959	4.15	ng/uL	0.00
5) Phenol-d5	6.69	99	112057	7.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	301636	27.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	293172	23.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	196725	16.53	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	219627	37.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	201709	34.77	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	337160	28.95	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	1125011	31.60	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1340155	31.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	48518	7.69	ng/ul	0.00
58) Fluorene-d10	15.13	176	977257	31.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	181812	33.56	ng/ul	0.00
71) Anthracene-d10	16.98	188	1529742	33.41	ng/ul	0.00
79) Pyrene-d10	19.28	212	1690189	34.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1510916	29.12	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.71	94	144404	8.16	ng/ul#	93
10) 2-Chlorophenol	7.06	128	303589	22.53	ng/ul	94
11) 2-Methylphenol	7.95	108	237071	19.43	ng/ul	94
14) Acetophenone	8.30	105	295935	14.82	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	322627	27.42	ng/ul	92
16) 4-Methylphenol	8.27	108	229842	17.32	ng/ul	92
21) Isophorone	9.23	82	6570197	219.30	ng/ul	97
24) 2,4-Dimethylphenol	9.51	107	192300m	11.94	ng/ul	
28) Naphthalene	10.31	128	54451315m	1237.94	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	389969	27.87	ng/ul	90
34) 2-Methylnaphthalene	11.94	142	11937628	403.50	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	2255990	57.26	ng/ul	99
45) Dimethylphthalate	13.60	163	216861	5.80	ng/ul	99
48) Acenaphthylene	13.85	152	6089589	131.49	ng/ul	99
50) Acenaphthene	14.20	153	1451822	44.45	ng/ul	99
53) 4-Nitrophenol	14.37	109	40644	7.24	ng/ul	92
54) Dibenzofuran	14.53	168	120383	2.62	ng/ul	99
55) 2,4-Dinitrotoluene	14.51	165	348778	34.31	ng/ul#	90
59) Fluorene	15.19	166	1842137	49.61	ng/ul	99
69) Pentachlorophenol	16.54	266	259545	38.74	ng/ul	98
70) Phenanthrene	16.93	178	4437754	75.83	ng/ul	99
72) Anthracene	17.01	178	630581	10.74	ng/ul	98
75) Carbazole	17.29	167	130099	2.68	ng/ul	99

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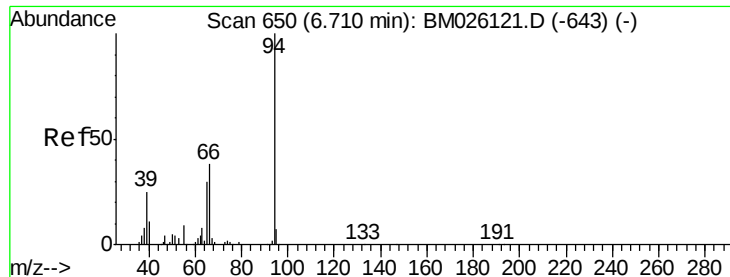
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	18.94	202	508527	8.28	ng/ul	99
80) Pyrene	19.31	202	2858296	43.00	ng/ul	98

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



#6

Phenol

Concen: 8.16 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

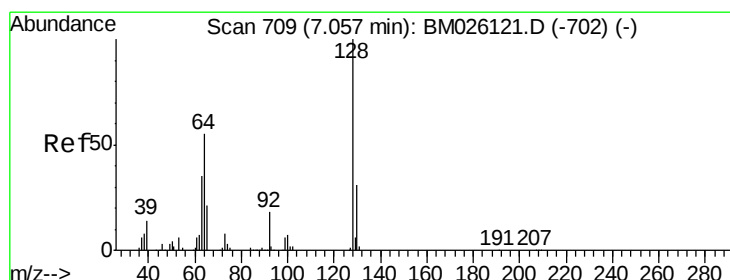
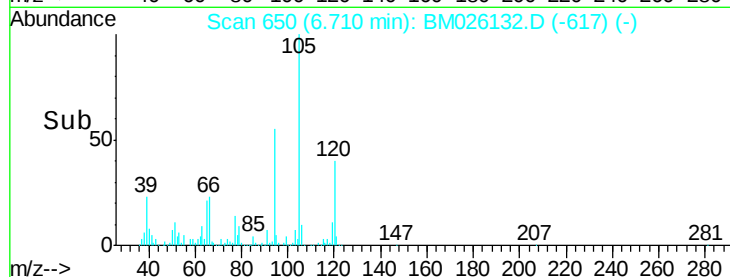
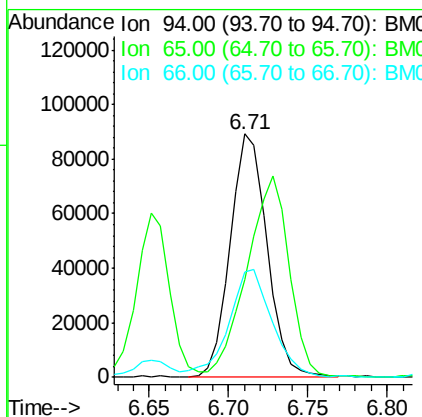
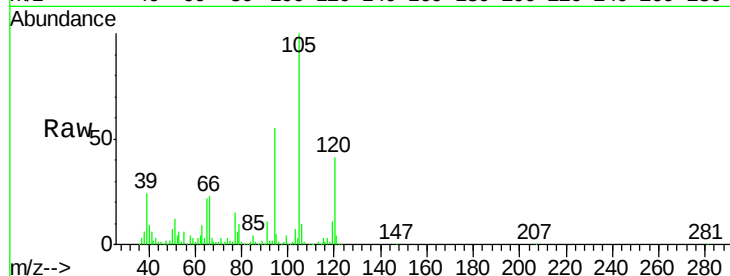
ClientSampleId :

ETKW8MSD

Tgt Ion:	94	Resp:	144404
Ion Ratio	Lower	Upper	
94	100		
65	39.9	25.8	38.8#
66	43.1	33.3	49.9

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#10

2-Chlorophenol

Concen: 22.53 ng/ul

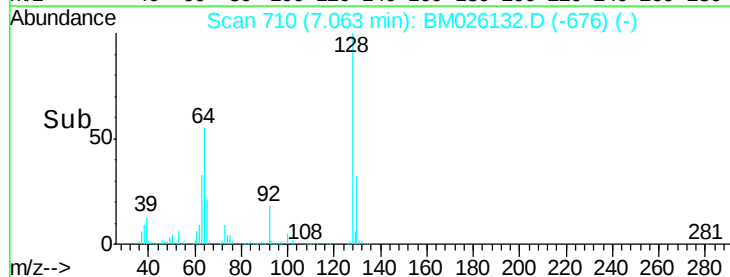
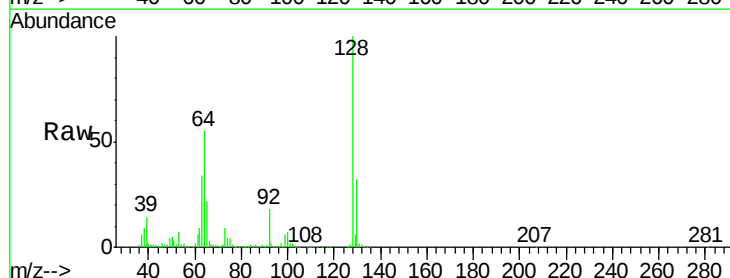
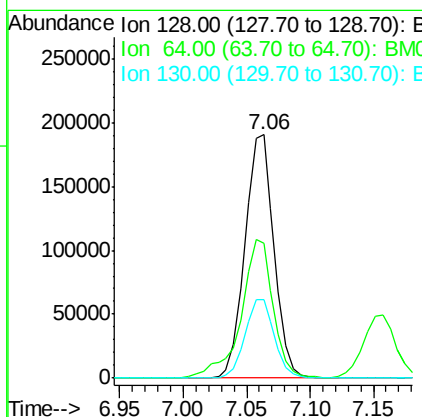
RT: 7.06 min Scan# 710

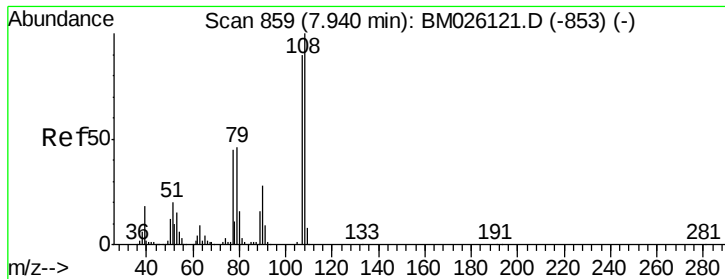
Delta R.T. 0.00 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Tgt Ion:	128	Resp:	303589
Ion Ratio	Lower	Upper	
128	100		
64	55.4	49.3	73.9
130	32.2	26.6	39.8





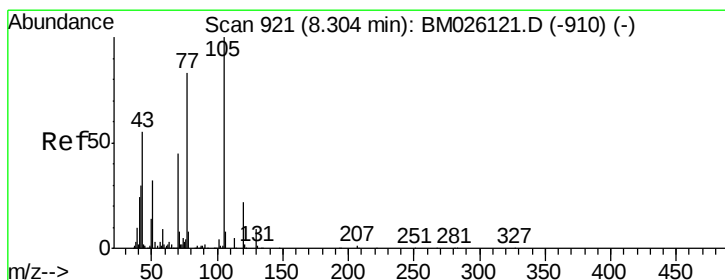
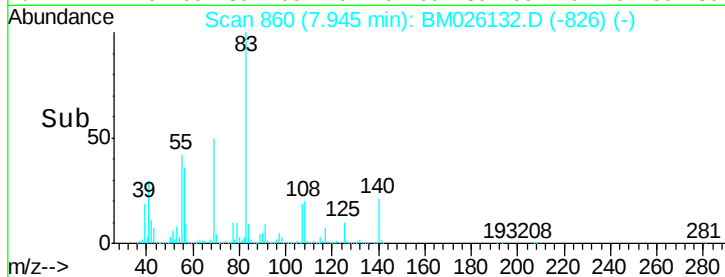
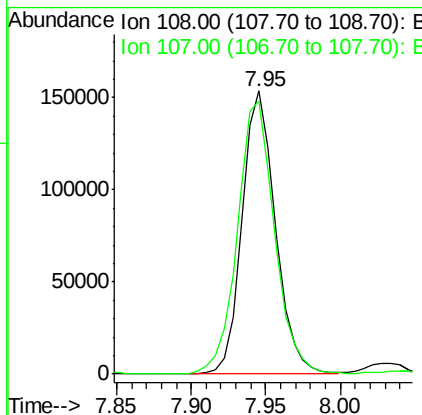
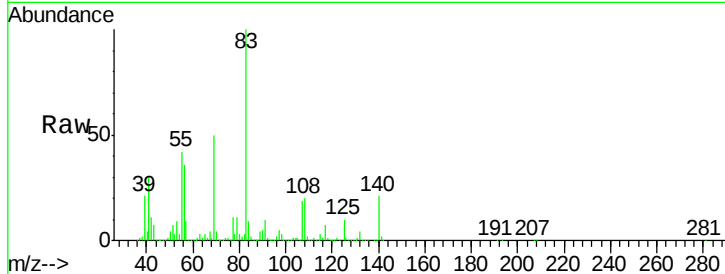
#11
2-Methylphenol
Concen: 19.43 ng/ul
RT: 7.95 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM026132.D
Acq: 27 May 2020 02:46

Instrument :
BNA_M
ClientSampleId :
ETKW8MSD

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	237071		
107	96.4	72.3	108.5	

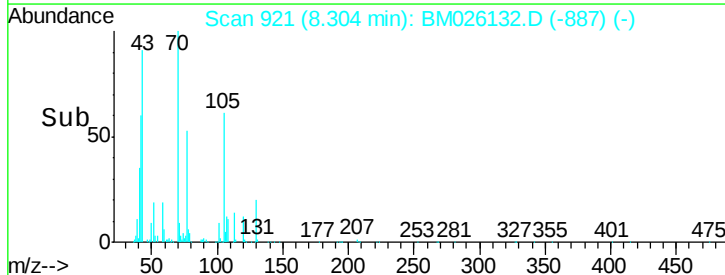
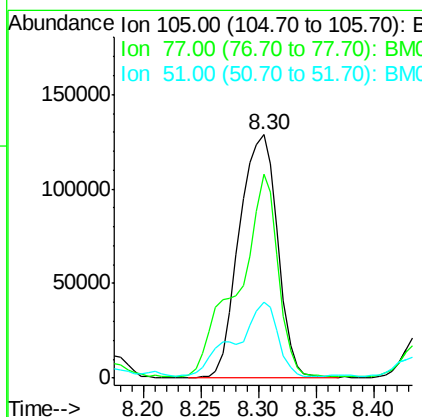
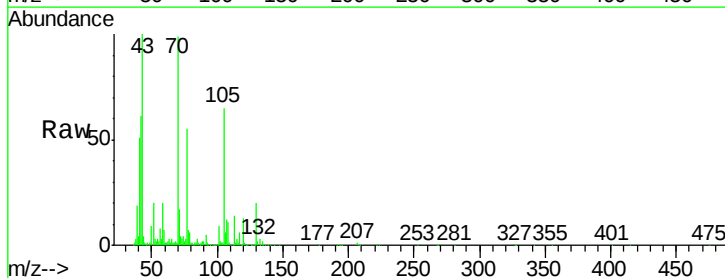
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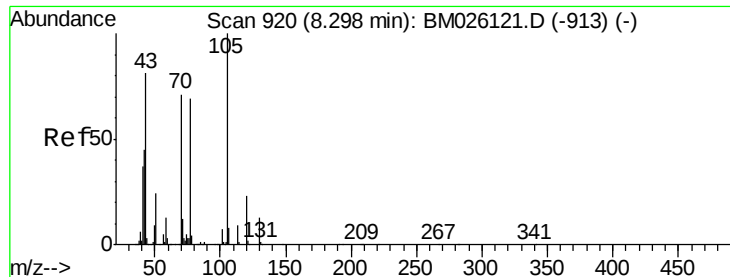
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#14
Acetophenone
Concen: 14.82 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM026132.D
Acq: 27 May 2020 02:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	295935		
77	83.8	67.2	100.8	
51	31.3	27.4	41.0	





#15

N-Nitroso-di-n-propylamine

Concen: 27.42 ng/ul

RT: 8.30 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

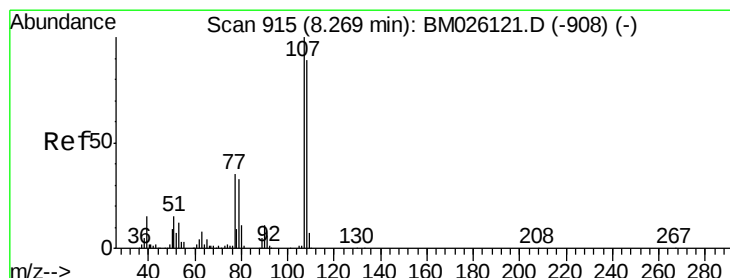
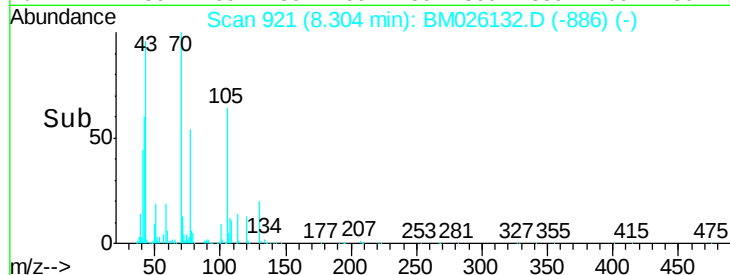
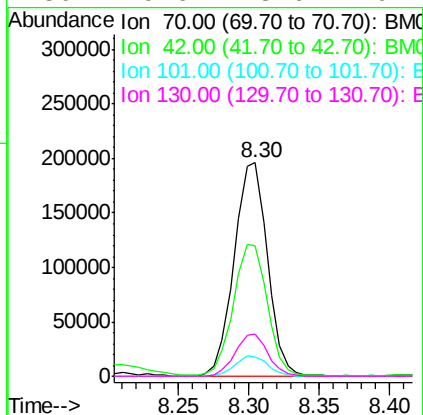
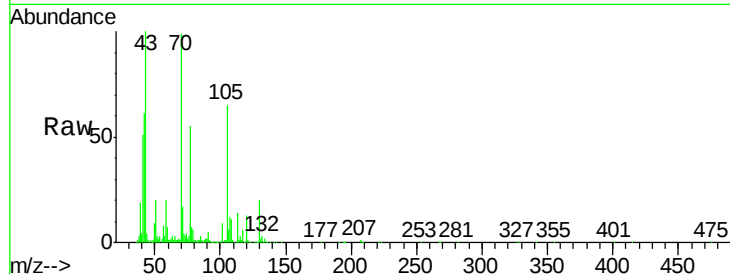
ClientSampleId :

ETKW8MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	55.5	83.3	
101	9.1	7.8	11.6	
130	19.6	13.6	20.4	

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#16

4-Methylphenol

Concen: 17.32 ng/ul

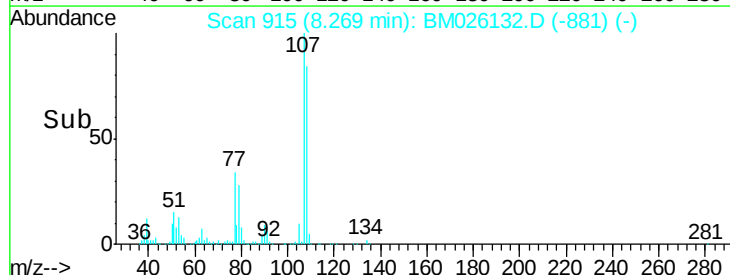
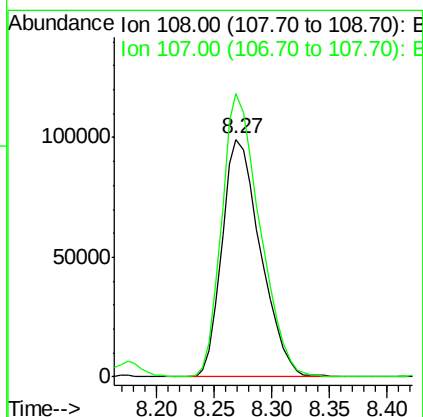
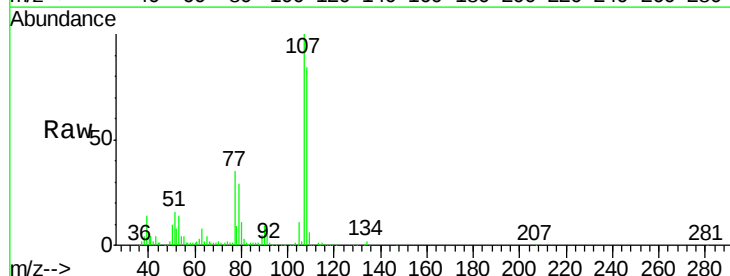
RT: 8.27 min Scan# 915

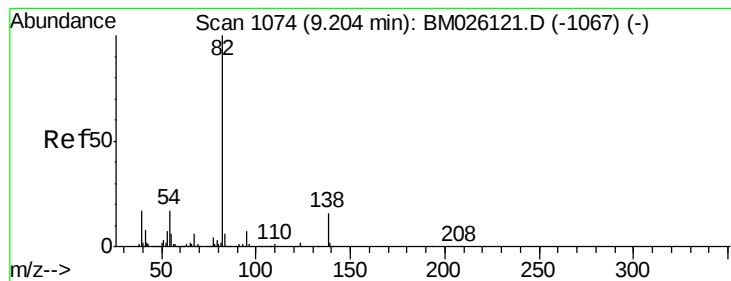
Delta R.T. 0.00 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	119.2	88.6	132.8	





#21

Isophorone

Concen: 219.30 ng/ul

RT: 9.23 min Scan# 1078

Delta R.T. 0.02 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

ClientSampleId :

ETKW8MSD

Tgt Ion: 82 Resp: 6570197

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

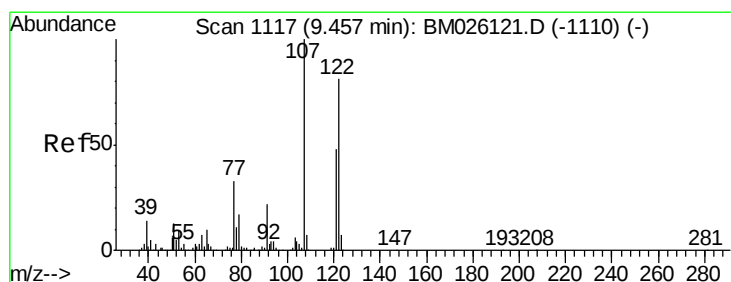
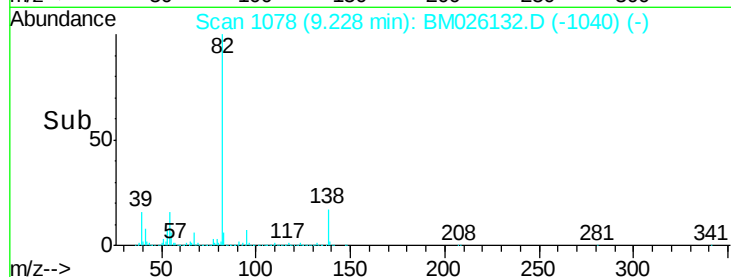
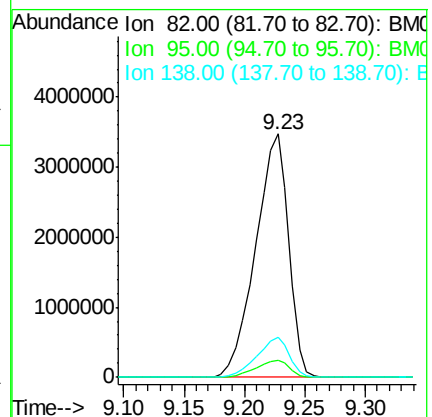
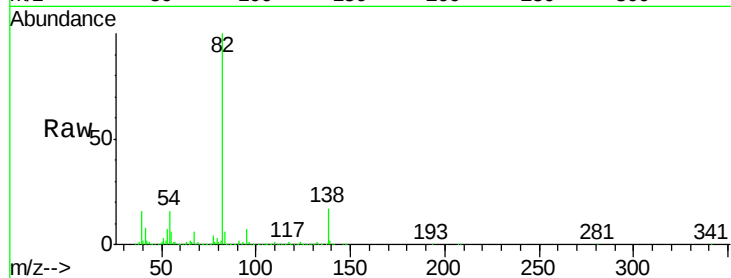
138 16.7 11.9 17.9

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#24

2,4-Dimethylphenol

Concen: 11.94 ng/ul m

RT: 9.51 min Scan# 1126

Delta R.T. 0.05 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

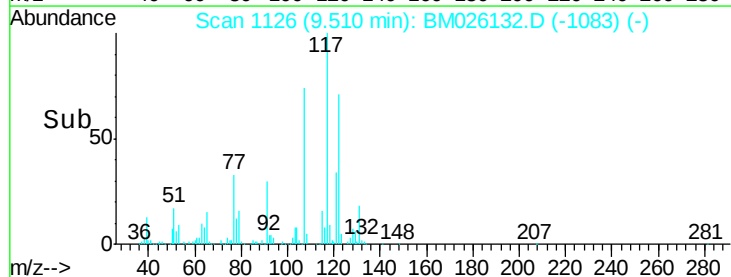
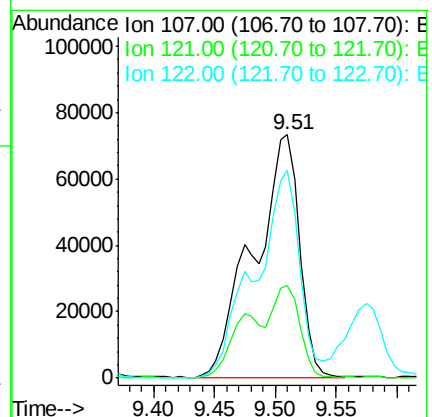
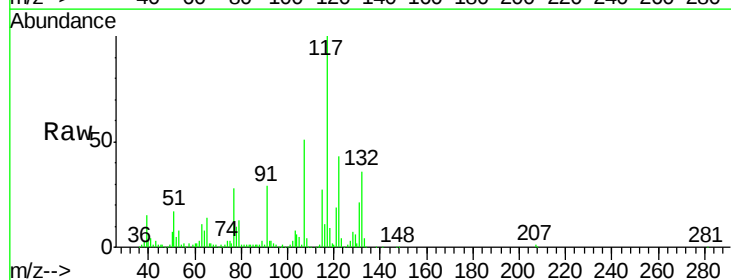
Tgt Ion: 107 Resp: 192300

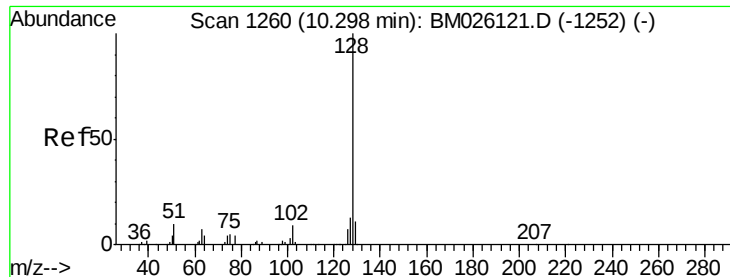
Ion Ratio Lower Upper

107 100

121 38.1 37.5 56.3

122 85.2 63.8 95.6





#28

Naphthalene

Concen: 1237.94 ng/ul m

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

ClientSampleId :

ETKW8MSD

Tgt Ion:128 Resp:54451315

Ion Ratio Lower Upper

128 100

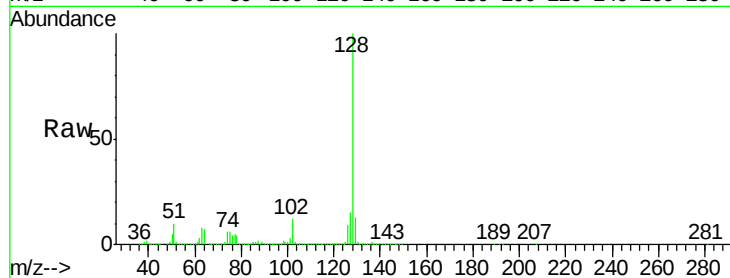
129 13.3 9.0 13.4

127 15.4 10.6 15.8

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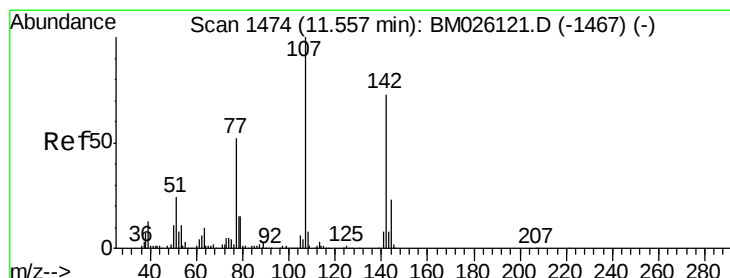
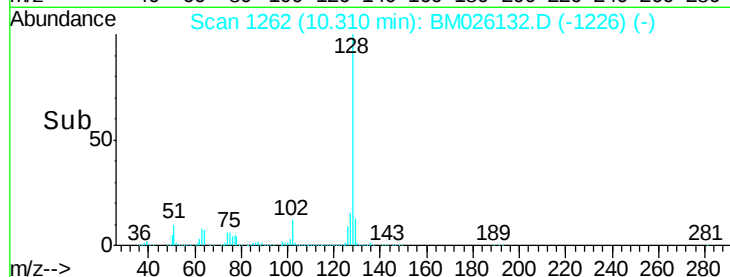
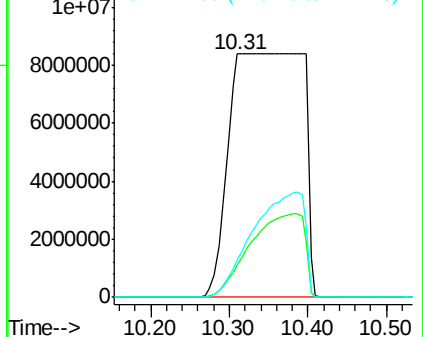
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 27.87 ng/ul

RT: 11.56 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

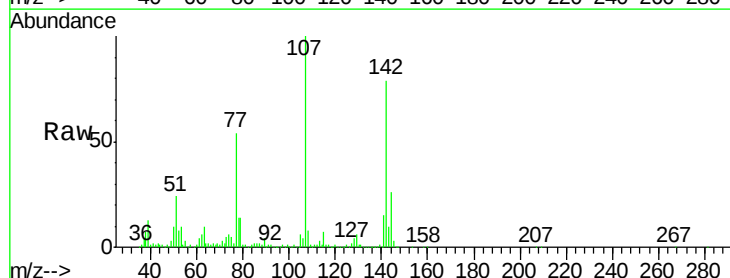
Tgt Ion:107 Resp: 389969

Ion Ratio Lower Upper

107 100

144 26.5 18.1 27.1

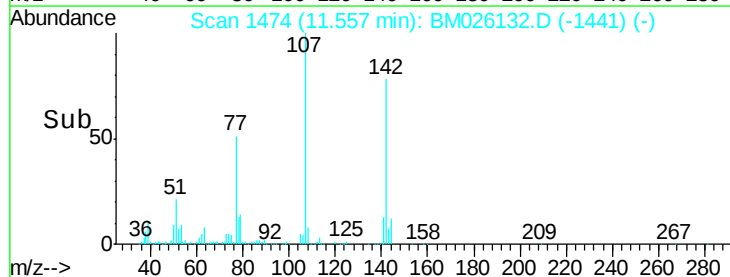
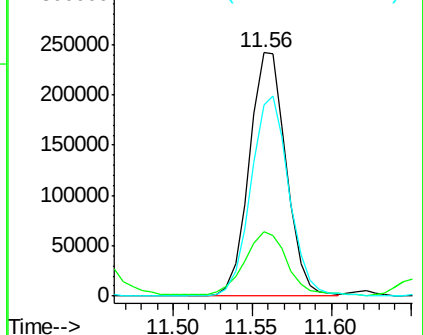
142 78.8 56.0 84.0

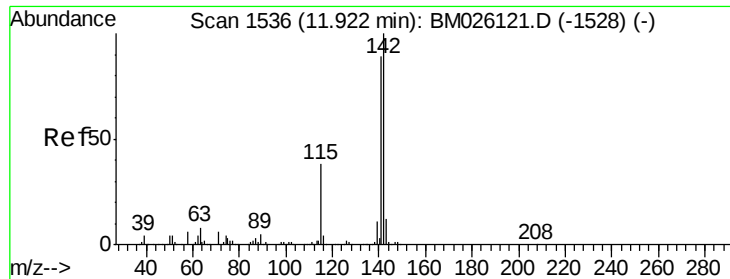


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





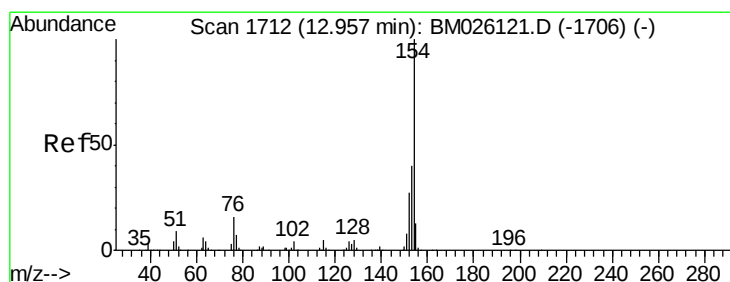
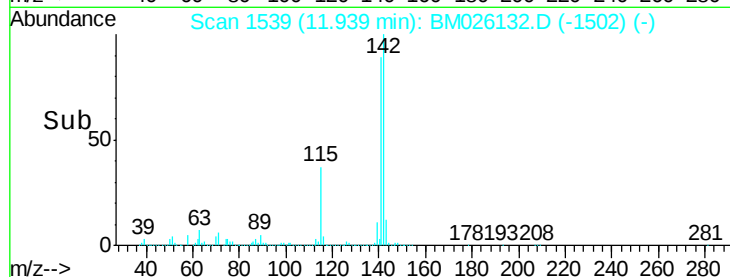
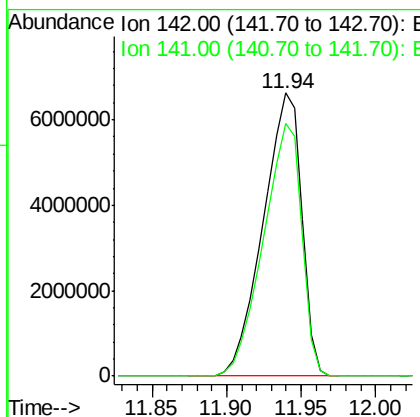
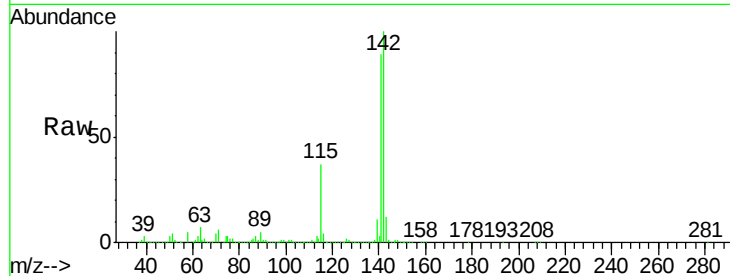
#34
 2-Methylnaphthalene
 Concen: 403.50 ng/ul
 RT: 11.94 min Scan# 1539
 Delta R.T. 0.02 min
 Lab File: BM026132.D
 Acq: 27 May 2020 02:46

Instrument :
 BNA_M
 ClientSampleId :
 ETKW8MSD

Tgt Ion:142 Resp:11937628
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.8 107.6

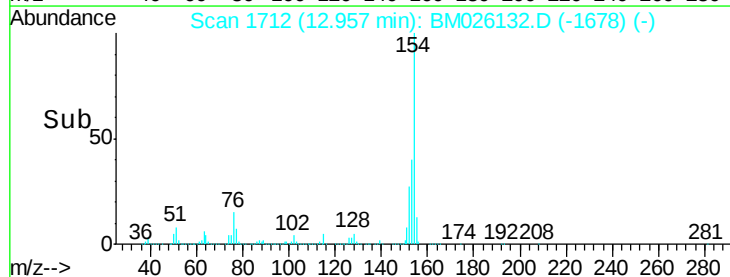
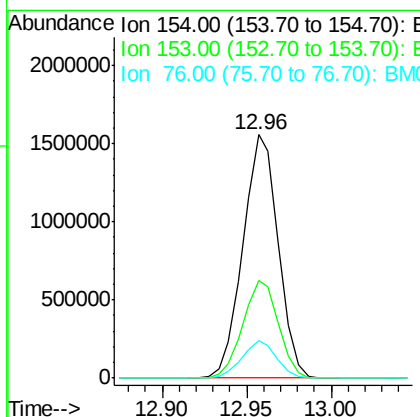
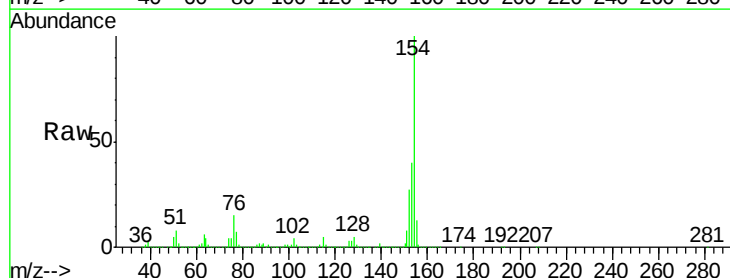
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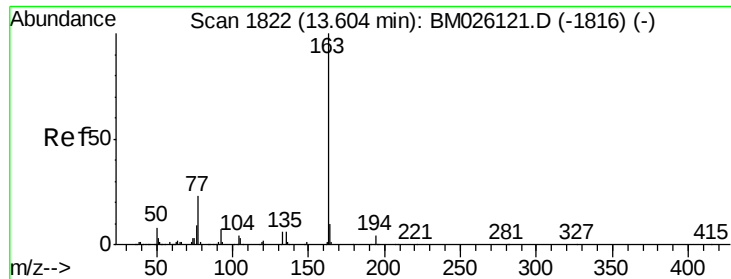
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#41
 1,1'-Biphenyl
 Concen: 57.26 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM026132.D
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Tgt Ion:154 Resp: 2255990
 Ion Ratio Lower Upper
 154 100
 153 40.2 32.3 48.5
 76 15.2 13.0 19.6





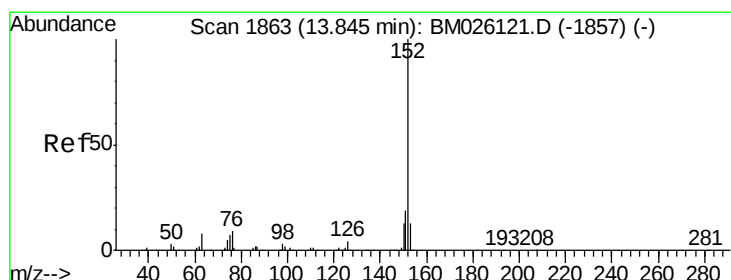
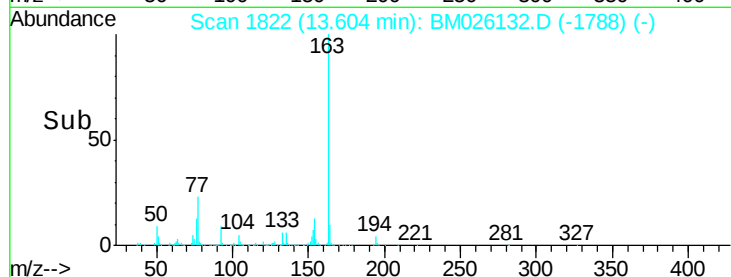
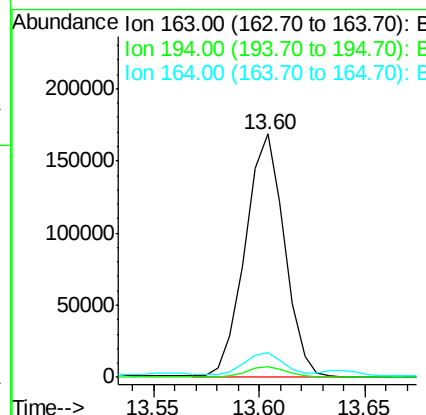
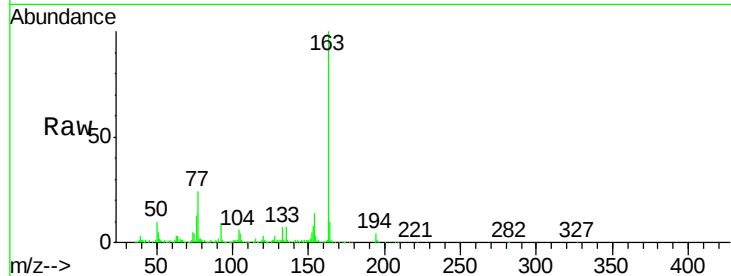
#45
Dimethylphthalate
Concen: 5.80 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM026132.D
Acq: 27 May 2020 02:46

Instrument :
BNA_M
ClientSampleId :
ETKW8MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.2	4.8
164	10.3	8.0	12.0

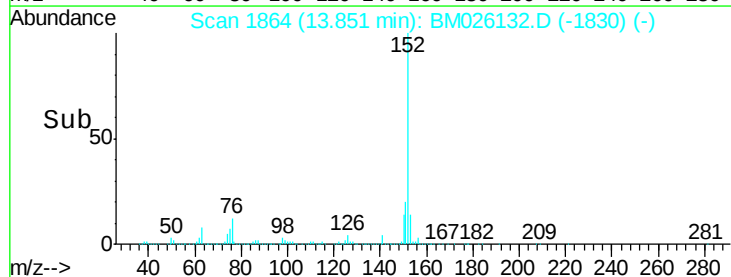
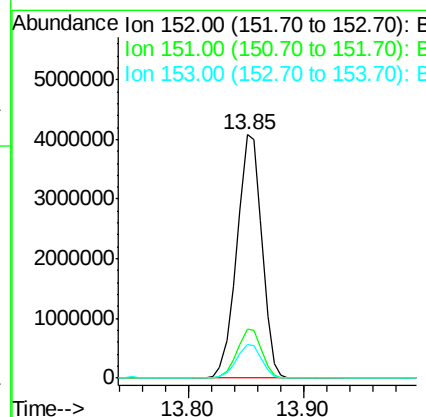
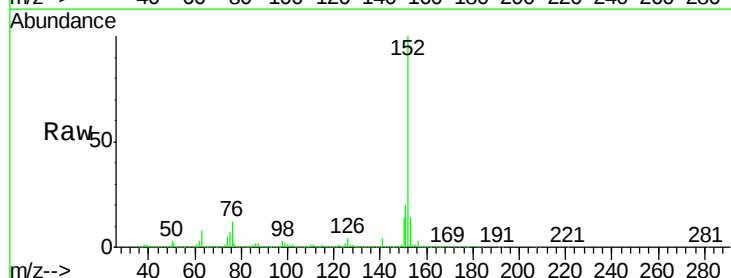
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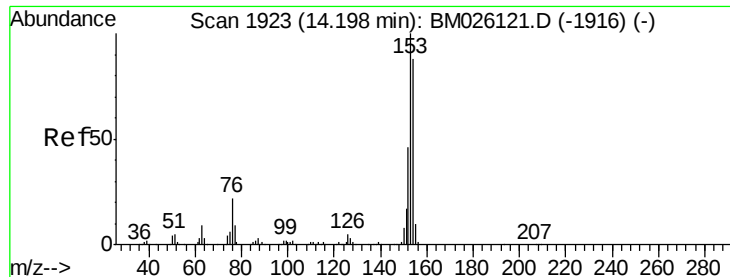
mohammad
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#48
Acenaphthylene
Concen: 131.49 ng/ul
RT: 13.85 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BM026132.D
Acq: 27 May 2020 02:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.9	15.7	23.5
153	13.7	10.2	15.2





#50

Acenaphthene

Concen: 44.45 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

ClientSampleId :

ETKW8MSD

Tgt Ion:153 Resp: 1451822

Ion Ratio Lower Upper

153 100

152 45.9 37.2 55.8

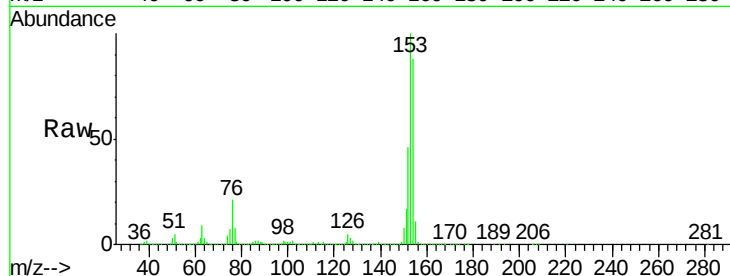
154 88.3 69.8 104.8

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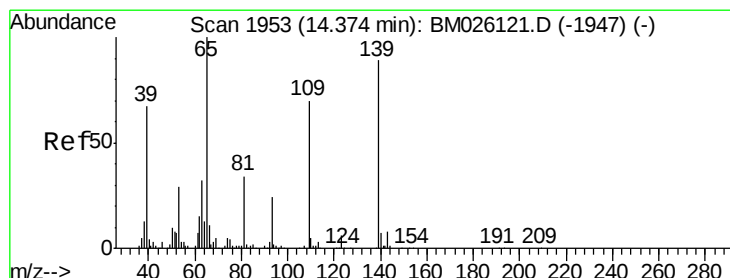
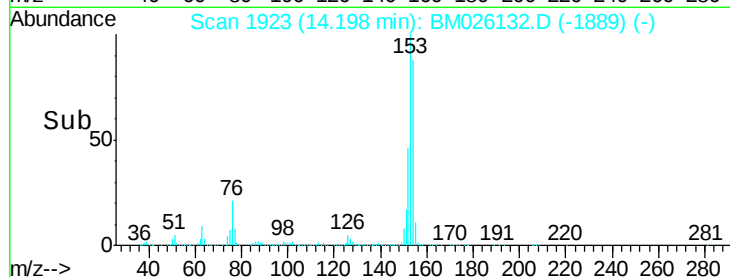
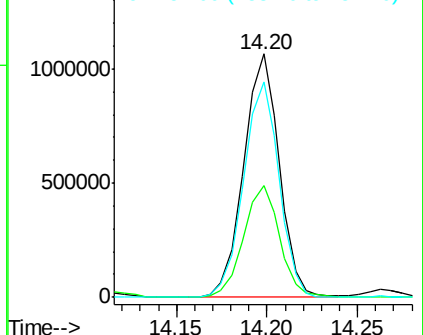
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 7.24 ng/ul

RT: 14.37 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

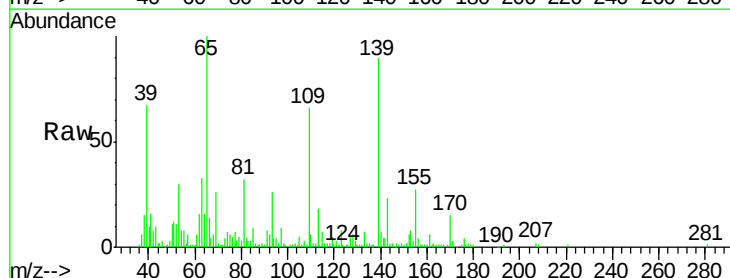
Tgt Ion:109 Resp: 40644

Ion Ratio Lower Upper

109 100

139 136.4 95.8 143.8

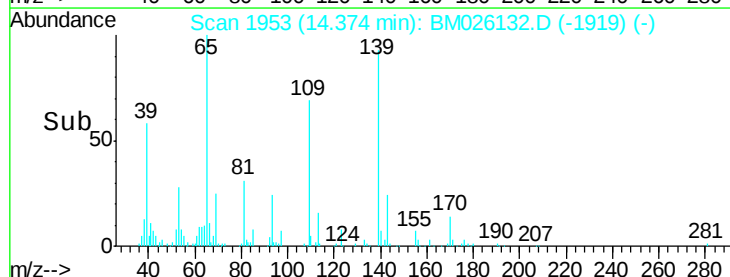
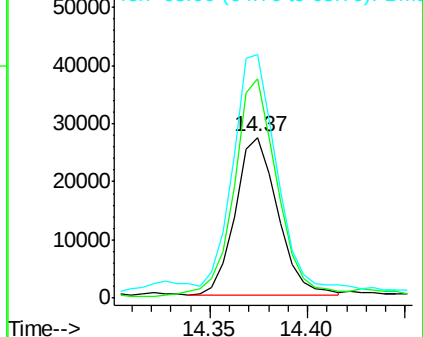
65 151.2 123.2 184.8

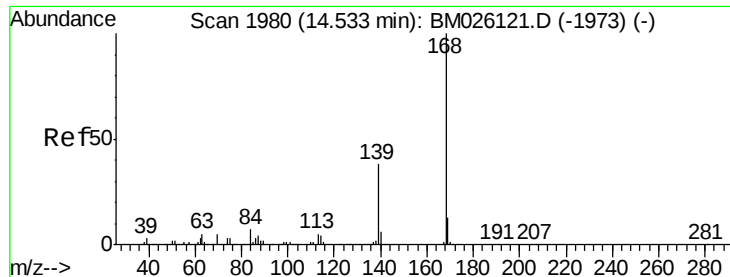


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BMC





#54

Dibenzenofuran

Concen: 2.62 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

ClientSampleId :

ETKW8MSD

Tgt Ion:168 Resp: 120383

Ion Ratio Lower Upper

168 100

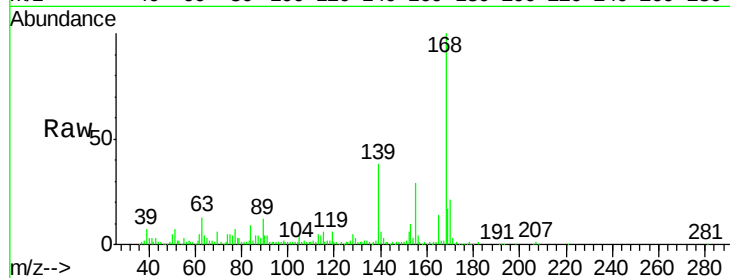
139 37.7 30.7 46.1

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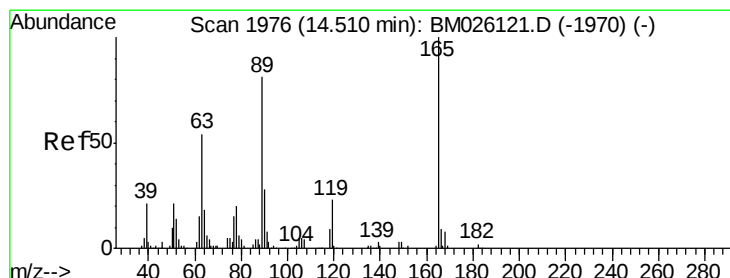
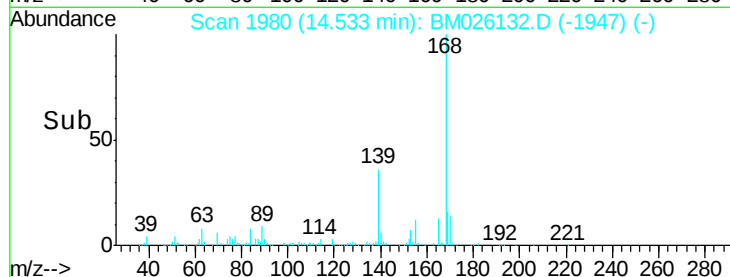
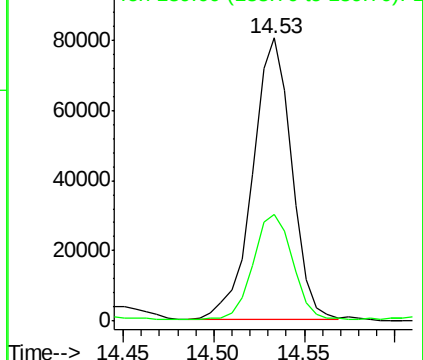
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 34.31 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

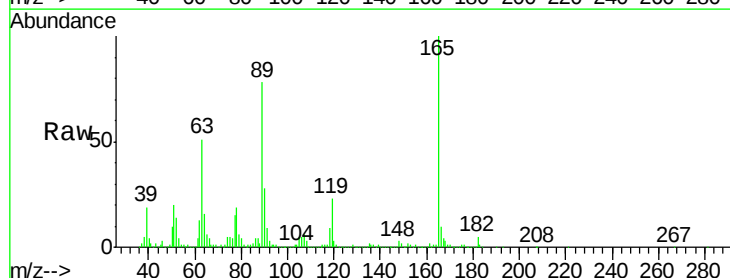
Tgt Ion:165 Resp: 348778

Ion Ratio Lower Upper

165 100

63 51.1 46.8 70.2

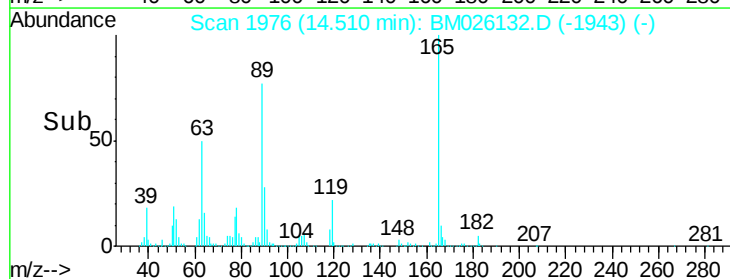
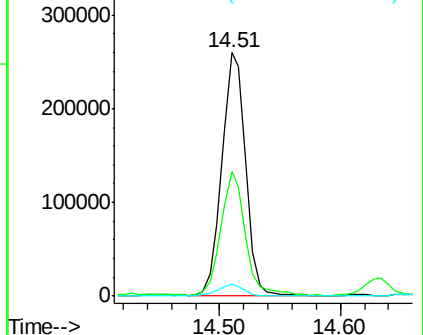
182 4.7 2.6 3.8#

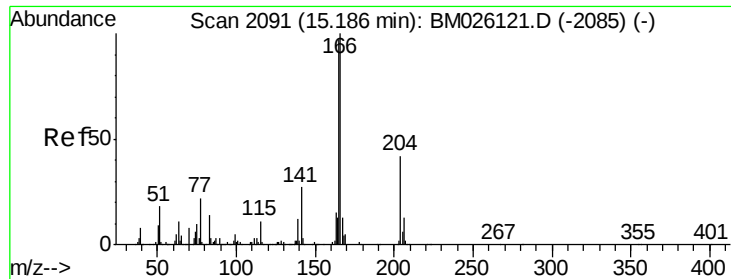


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





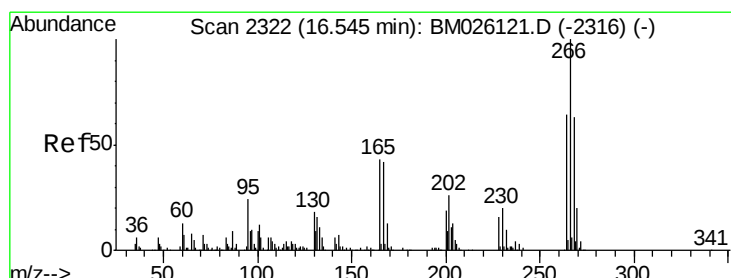
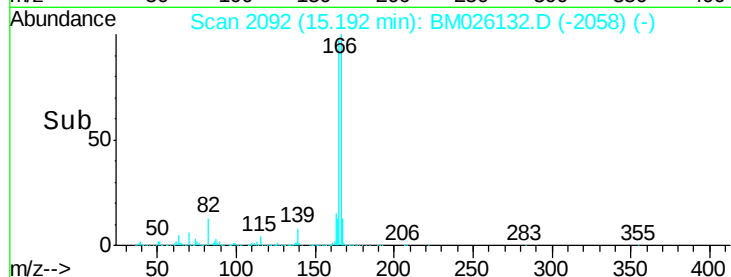
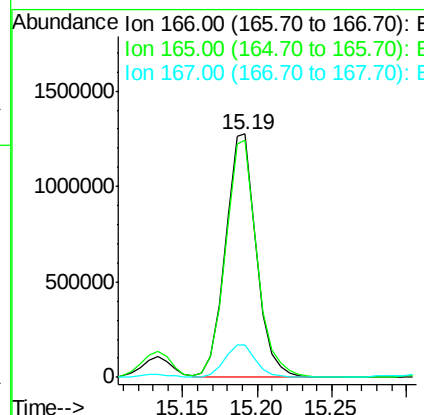
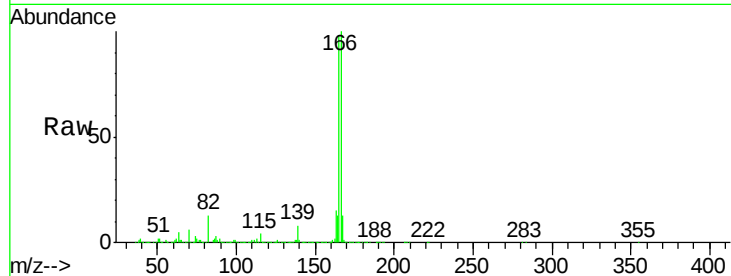
#59
Fluorene
 Concen: 49.61 ng/ul
 RT: 15.19 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM026132.D
 Acq: 27 May 2020 02:46

Instrument :
 BNA_M
 ClientSampleId :
 ETKW8MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.3	115.9
167	13.2	10.6	16.0

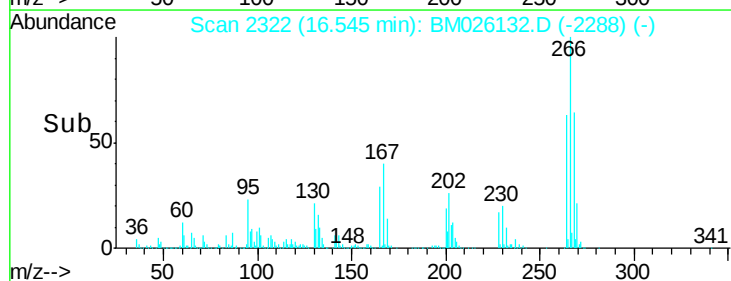
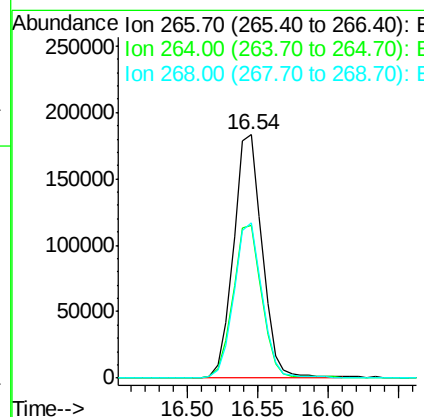
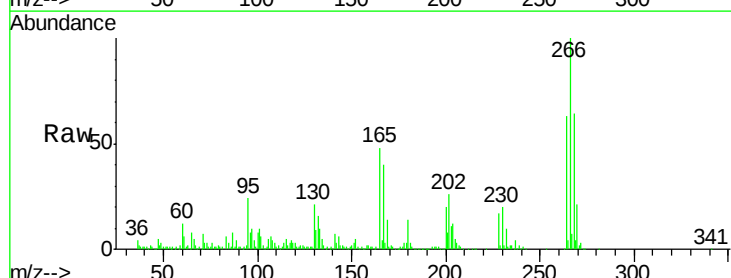
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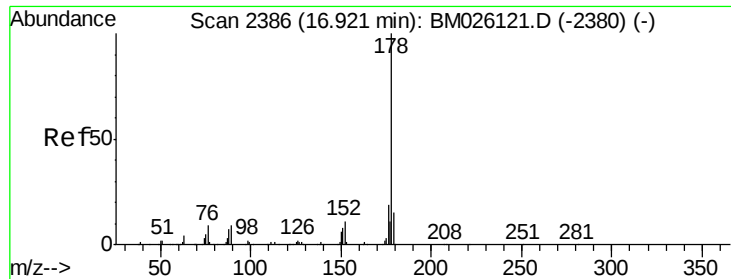
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#69
Pentachlorophenol
 Concen: 38.74 ng/ul
 RT: 16.54 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM026132.D
 Acq: 27 May 2020 02:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.3	73.9
268	63.9	52.4	78.6





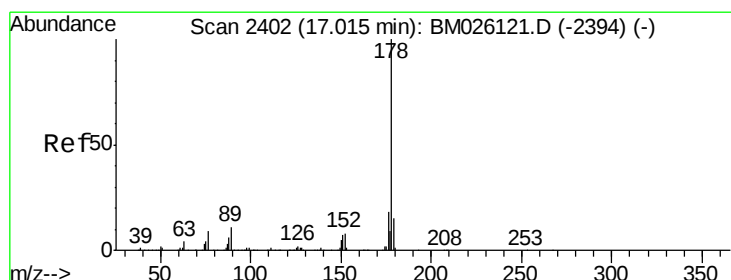
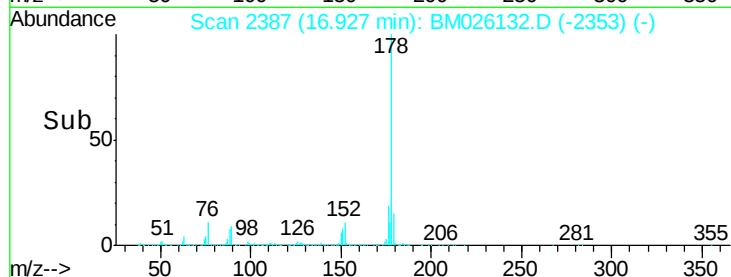
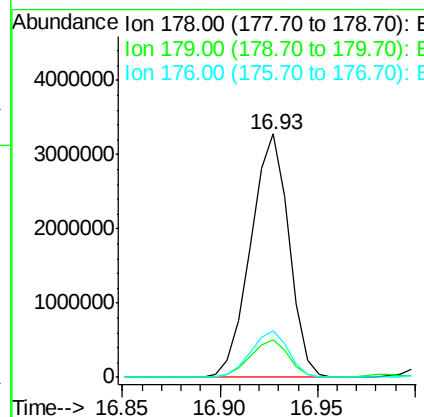
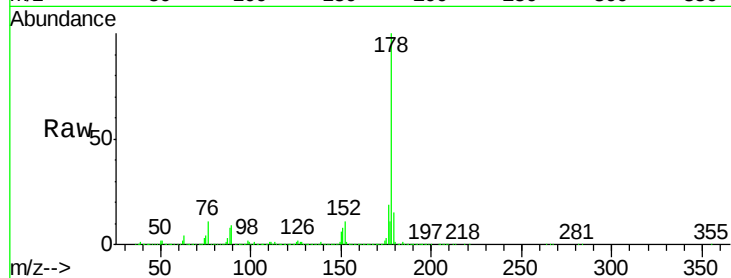
#70
Phenanthrene
Concen: 75.83 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BM026132.D
Acq: 27 May 2020 02:46

Instrument :
BNA_M
ClientSampleId :
ETKW8MSD

Tgt Ion:178 Resp: 4437754
Ion Ratio Lower Upper
178 100
179 15.5 11.9 17.9
176 18.9 14.9 22.3

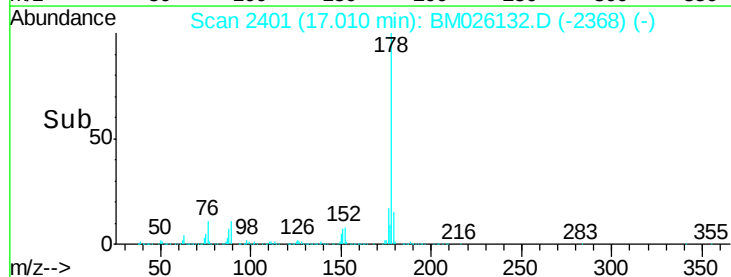
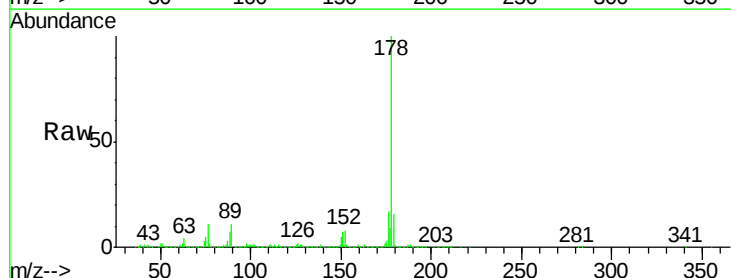
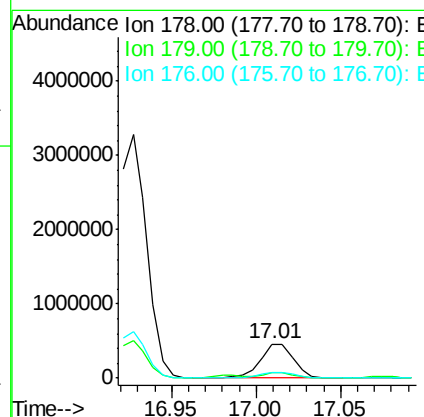
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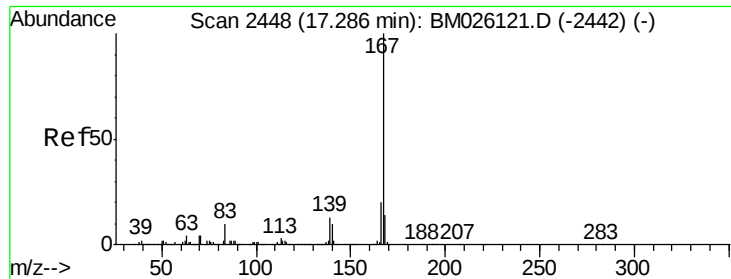
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#72
Anthracene
Concen: 10.74 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM026132.D
Acq: 27 May 2020 02:46

Tgt Ion:178 Resp: 630581
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 17.3 14.9 22.3





#75

Carbazole

Concen: 2.68 ng/ul

RT: 17.29 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM026132.D

Acq: 27 May 2020 02:46

Instrument :

BNA_M

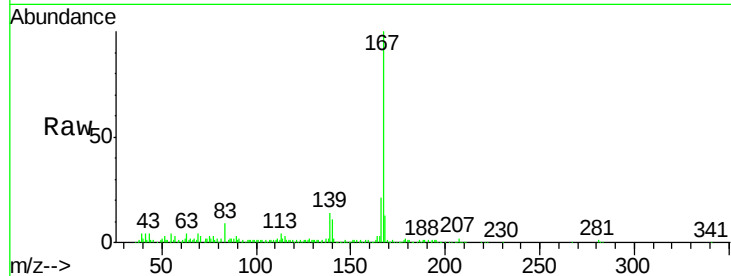
ClientSampleId :

ETKW8MSD

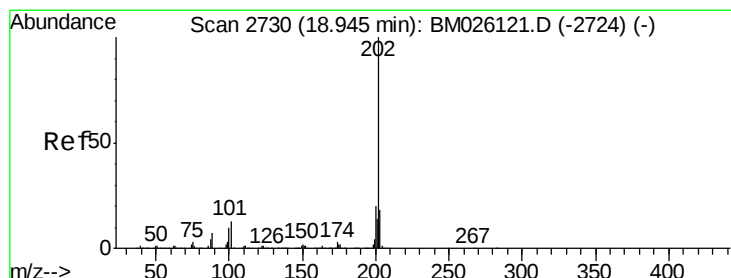
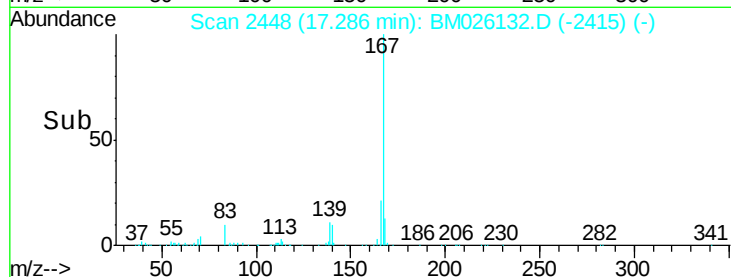
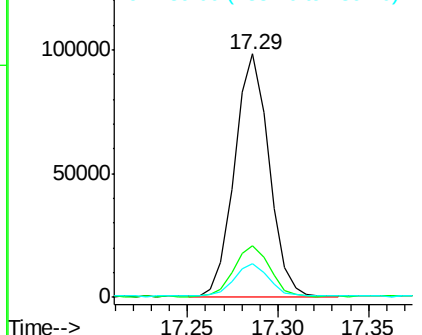
Tgt Ion:	167	Resp:	130099
Ion Ratio		Lower	Upper
167	100		
166	21.1	16.6	25.0
139	13.7	10.8	16.2

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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



#77

Fluoranthene

Concen: 8.28 ng/ul

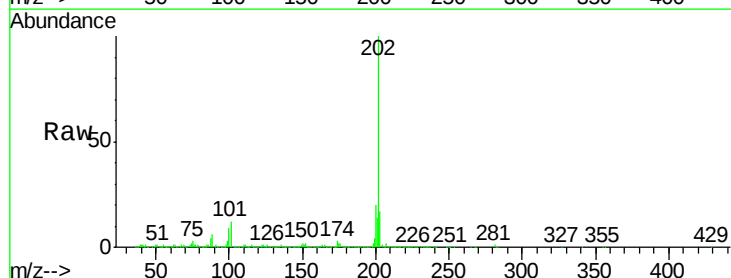
RT: 18.94 min Scan# 2730

Delta R.T. 0.00 min

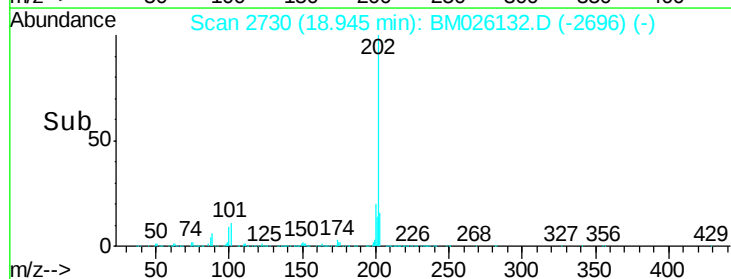
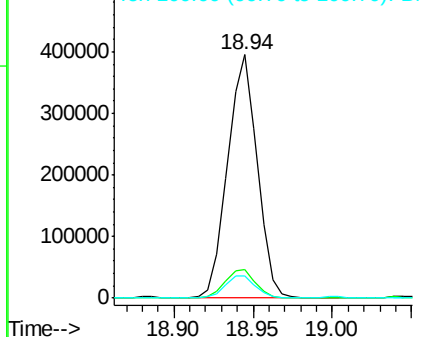
Lab File: BM026132.D

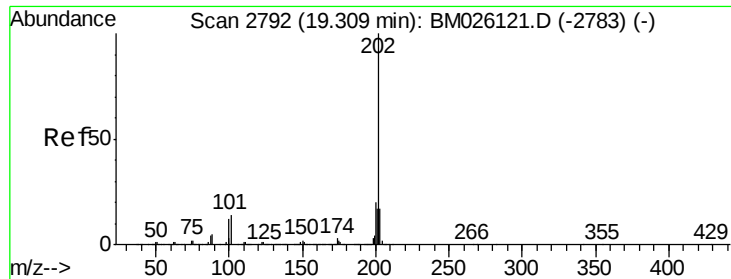
Acq: 27 May 2020 02:46

Tgt Ion:	202	Resp:	508527
Ion Ratio		Lower	Upper
202	100		
101	11.8	9.5	14.3
100	8.9	7.6	11.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80
 Pyrene
 Concen: 43.00 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM026132.D
 Acq: 27 May 2020 02:46

Instrument :
 BNA_M
 ClientSampleId :
 ETKW8MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.2	18.4
100	12.2	10.2	15.4

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