

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026741.D
 Acq On : 10 Jul 2020 19:28
 Operator : JU/CG
 Sample : L3217-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHL

Manual Integrations
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Quant Time: Jul 13 09:17:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	97178	20.00	ng	0.01
21) Naphthalene-d8	10.08	136	388271	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	233414	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	463104	20.00	ng	0.00
76) Chrysene-d12	20.96	240	495696	20.00	ng	0.00
86) Perylene-d12	23.03	264	495741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	18954m	3.27	ng	0.12
7) Phenol-d6	6.76	99	33472	3.62	ng	0.23
23) Nitrobenzene-d5	8.47	82	28011	3.08	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	12268	3.61	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	57530	3.28	ng	0.00
79) Terphenyl-d14	19.41	244	91684	3.64	ng	0.00
Target Compounds						
10) Phenol	6.79	94	471591	51.654	ng	98
17) 2-Methylphenol	7.80	107	122585	17.668	ng	99
20) 3+4-Methylphenols	8.13	107	599436	62.842	ng	94
27) 2,4-Dimethylphenol	9.30	122	110888m	19.298	ng	
31) Naphthalene	10.13	128	2648190	122.629	ng	100
32) Benzoic acid	9.46	122	40087	13.947	ng	96
37) 2-Methylnaphthalene	11.76	142	3352580	209.575	ng	100
38) 1-Methylnaphthalene	11.98	142	1650471	107.690	ng	99
46) 1,1'-Biphenyl	12.80	154	881177	47.793	ng	98
52) Acenaphthene	14.05	154	800832	55.342	ng	97
55) Dibenzofuran	14.39	168	739925	31.186	ng	97
58) Fluorene	15.05	166	139423	7.097	ng	97
71) Phenanthrene	16.79	178	140726	5.147	ng	97

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

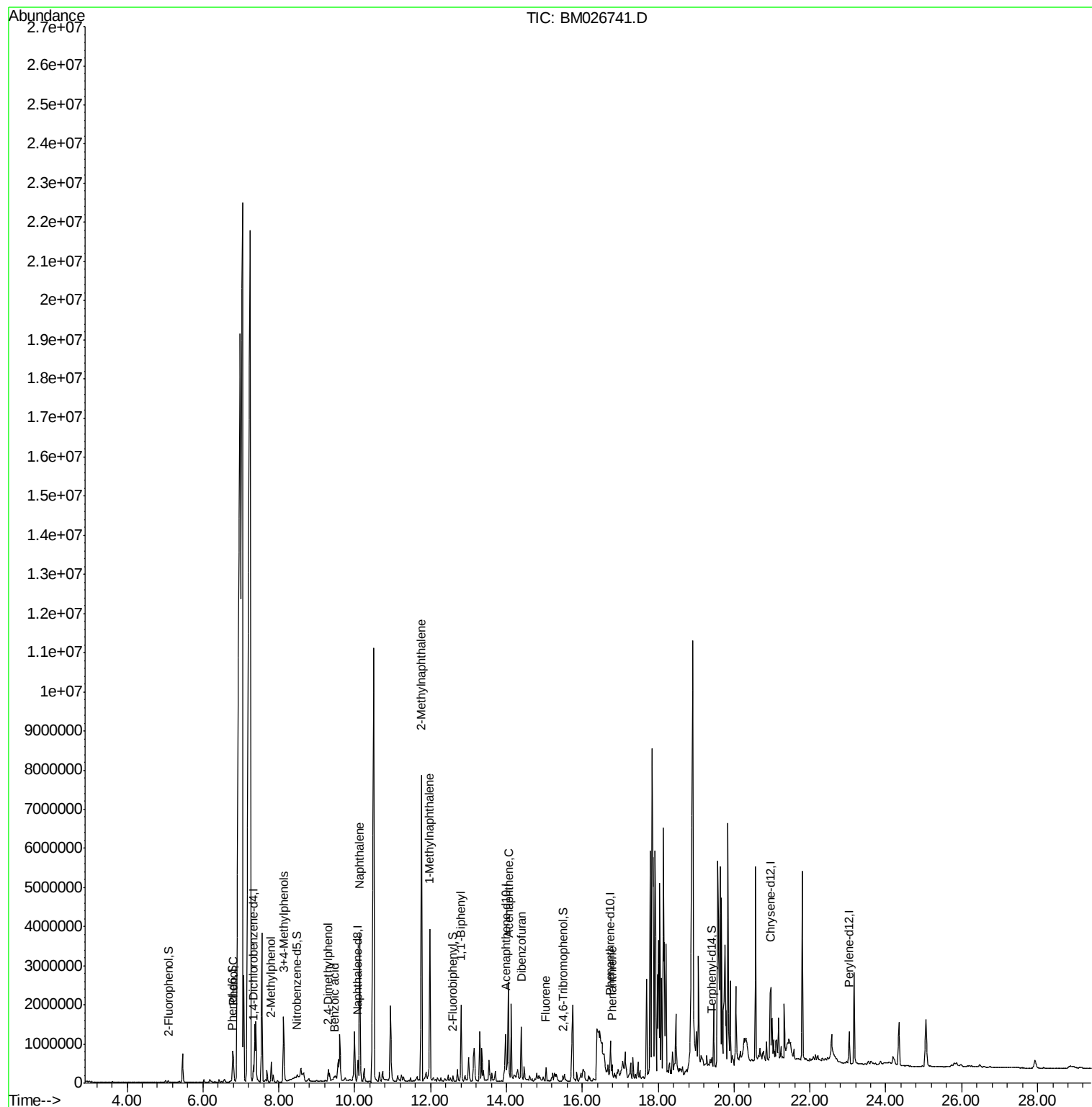
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026741.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

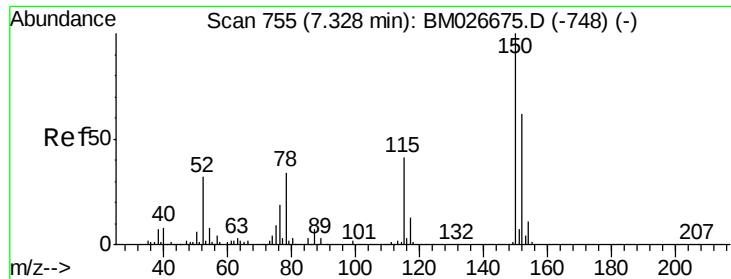
Instrument :
BNA_M
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E3-41-NHL

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#1

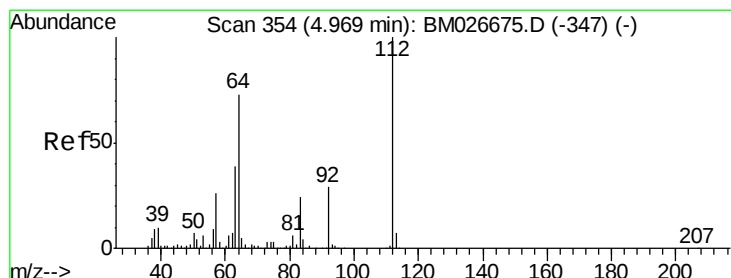
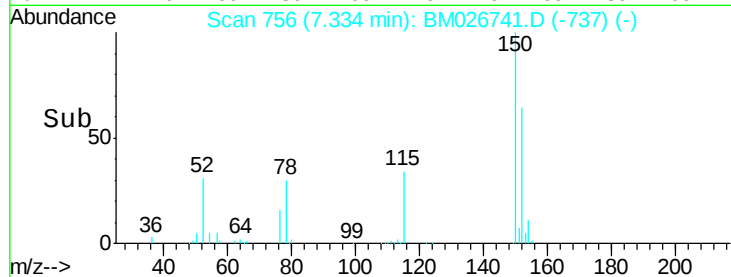
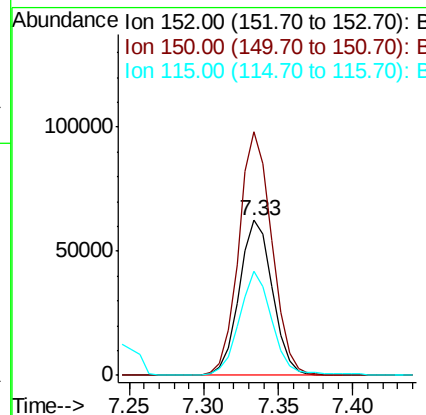
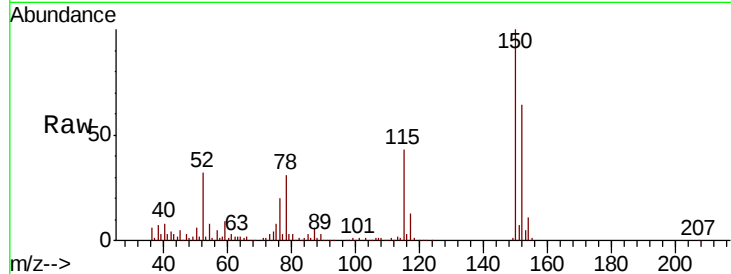
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.01 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Instrument :
BNA_M
ClientSampled :
E3-41-NHL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	128.1	192.1
115	66.7	52.2	78.4

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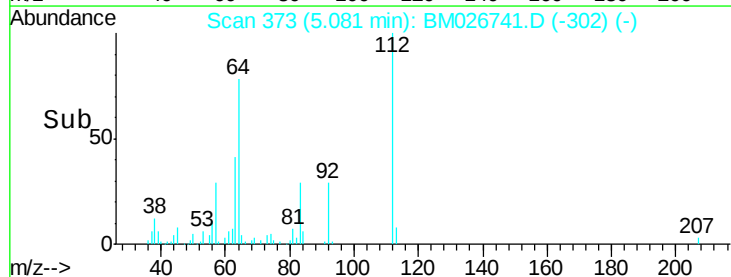
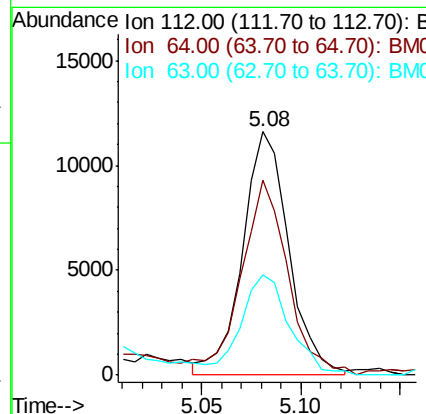
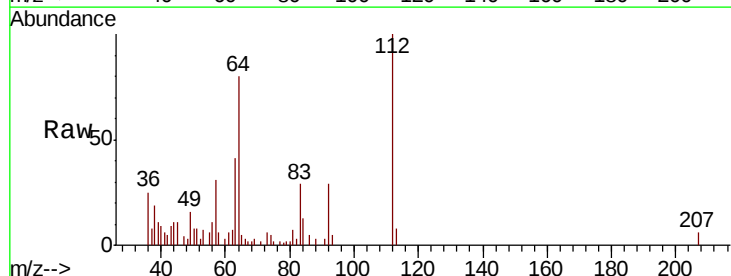
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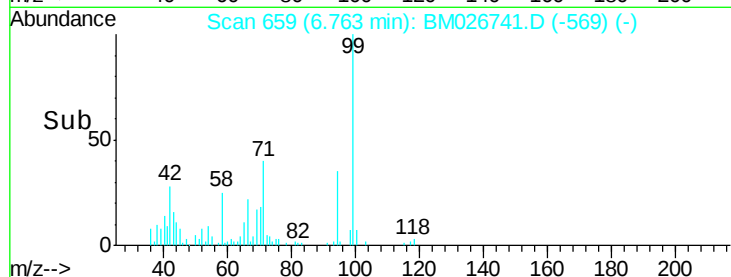
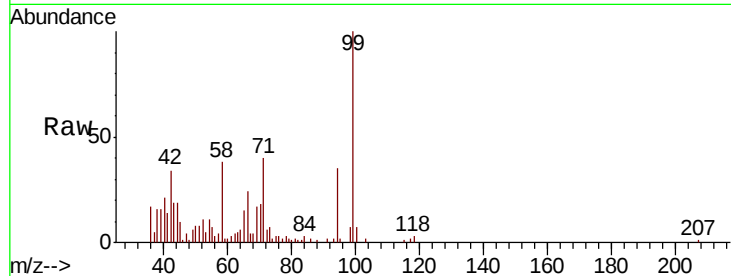
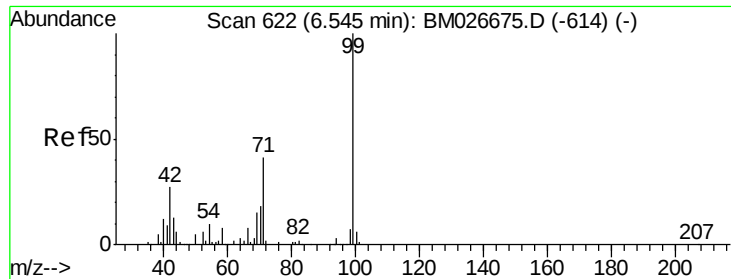


#5

2-Fluorophenol
Concen: 3.269 ng m
RT: 5.08 min Scan# 373
Delta R.T. 0.12 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.2	58.4	87.6
63	41.0	31.5	47.3





#7

Phenol-d6

Concen: 3.623 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.23 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Tot Ion:	99	Resp:	33472
Ion Ratio	Lower	Upper	
99	100		
42	33.8	21.7	32.5#
71	39.9	33.2	49.8

Instrument :

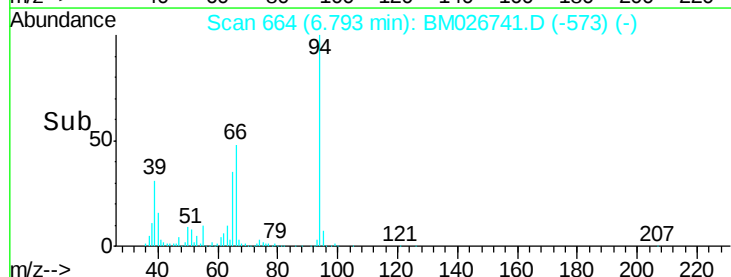
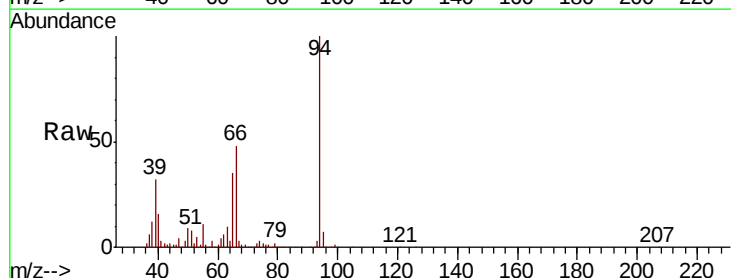
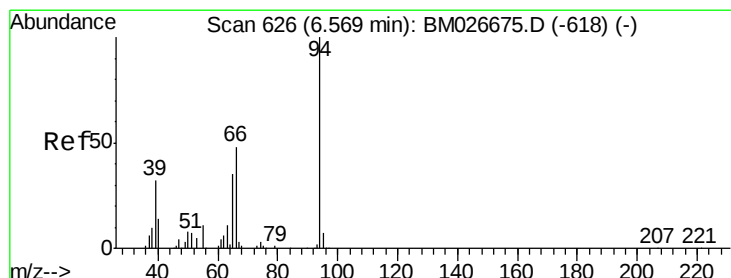
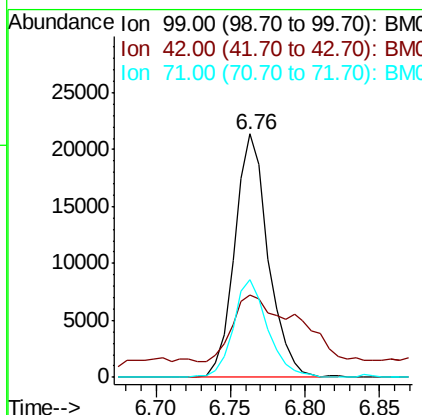
BNA_M

ClientSampled :

E3-41-NHL

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#10

Phenol

Concen: 51.654 ng

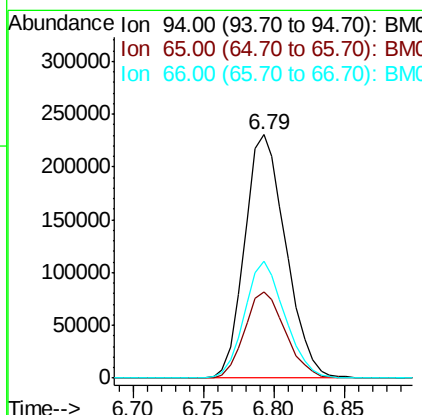
RT: 6.79 min Scan# 664

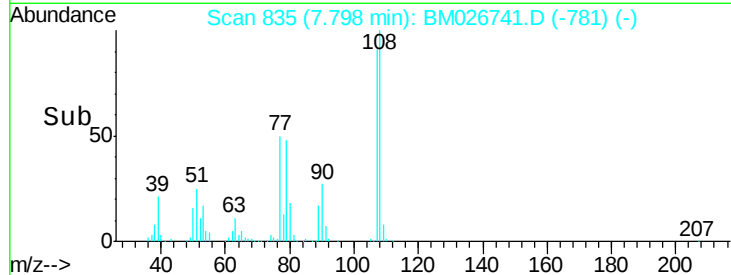
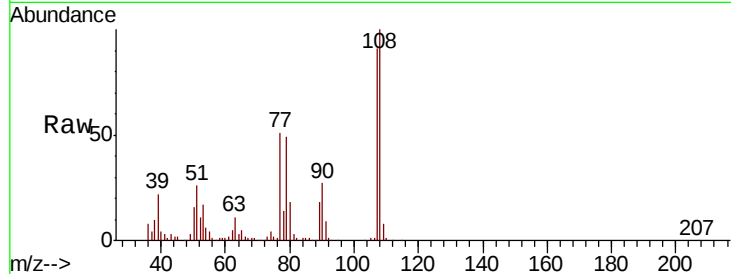
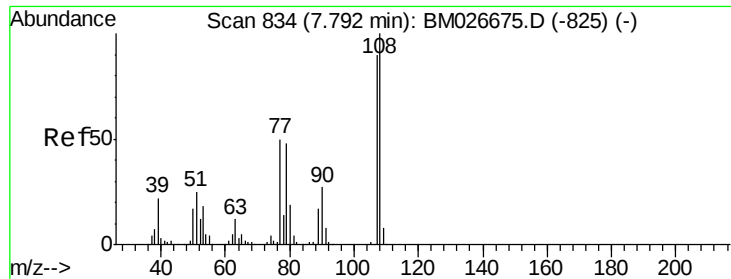
Delta R.T. 0.24 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Tgt Ion:	94	Resp:	471591
Ion Ratio	Lower	Upper	
94	100		
65	35.2	15.5	55.5
66	48.0	29.8	69.8





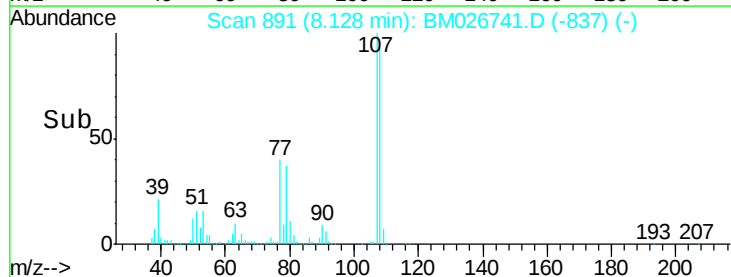
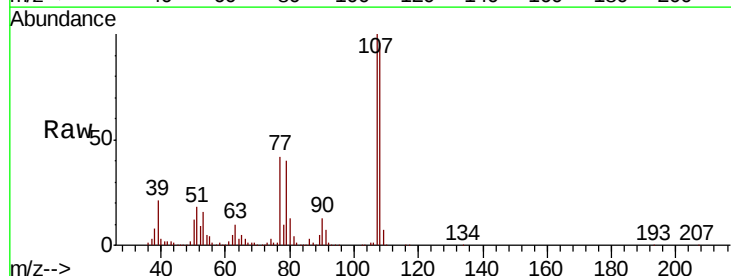
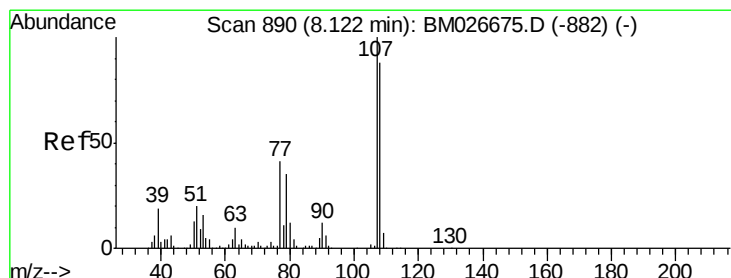
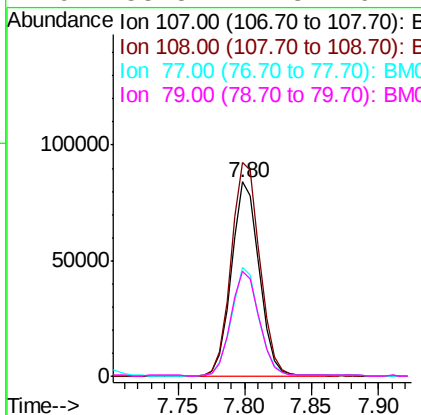
#17
2-Methylphenol
Concen: 17.668 ng
RT: 7.80 min Scan# 835
Delta R.T. 0.02 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	89.4	134.0	
77	55.9	45.2	67.8	
79	53.8	42.8	64.2	

Instrument :
BNA_M
ClientSampled :
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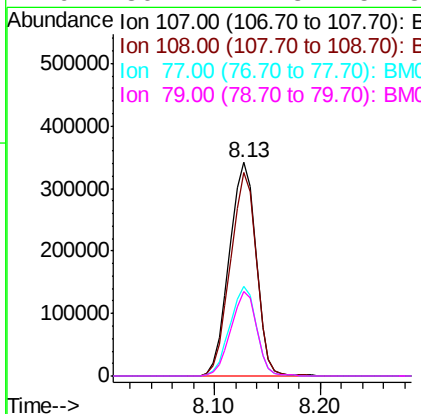
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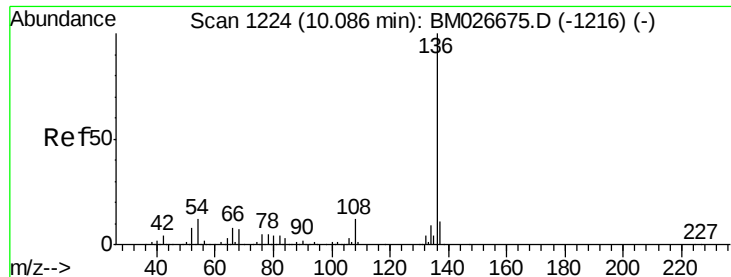
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#20
3+4-Methylphenols
Concen: 62.842 ng
RT: 8.13 min Scan# 891
Delta R.T. 0.02 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	95.5	68.5	108.5	
77	41.9	20.8	60.8	
79	39.7	14.8	54.8	





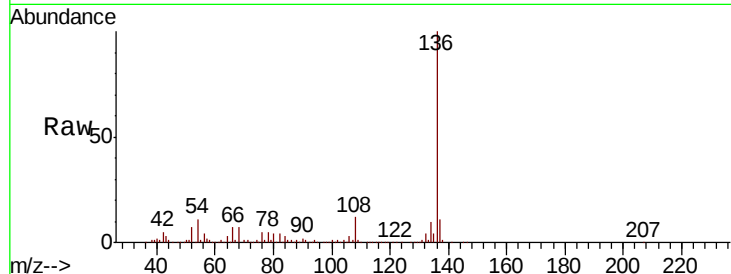
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Instrument :
BNA_M
ClientSampleId :
E3-41-NHL

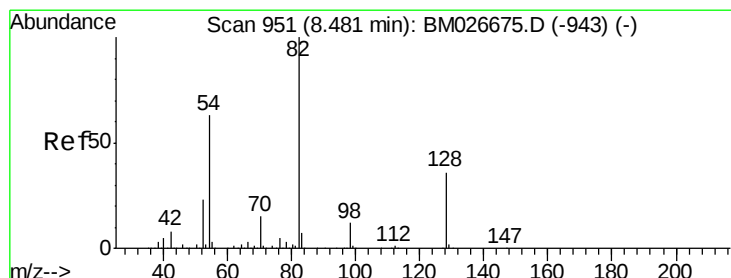
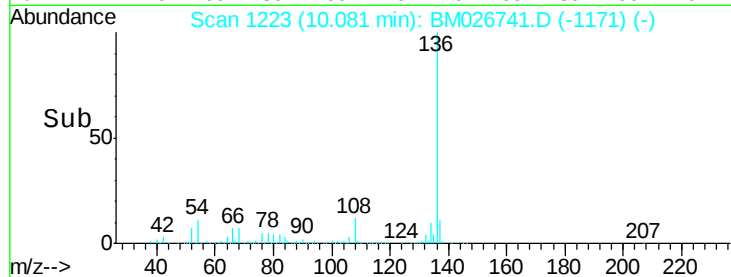
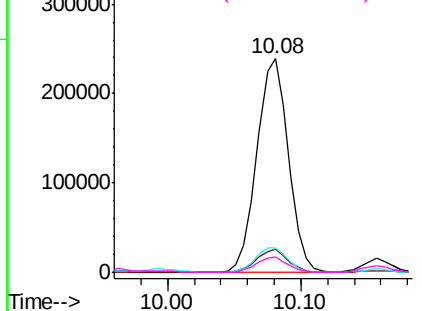
Tot Ion	Ratio	Resp	Lower	Upper
136	100	388271		
137	10.8		8.6	12.8
54	11.5		9.8	14.6
68	7.4		5.8	8.6

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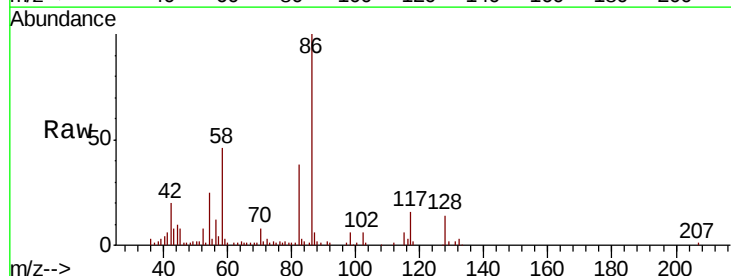


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

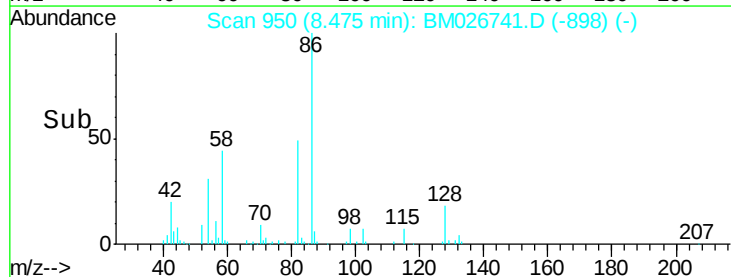
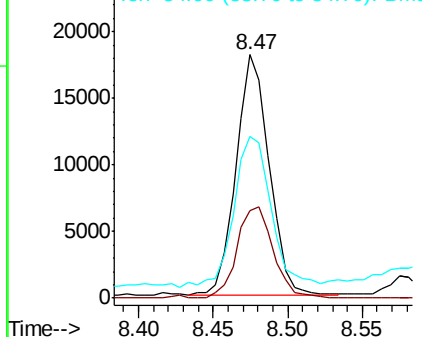


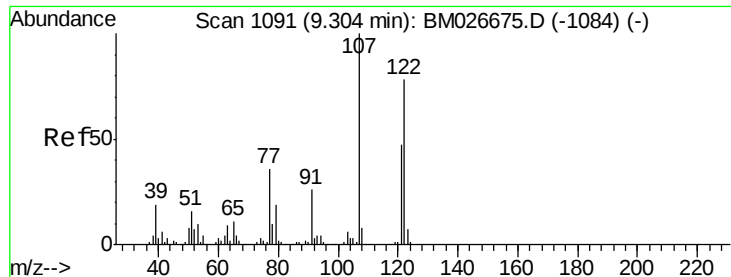
#23
Nitrobenzene-d5
Concen: 3.078 ng
RT: 8.47 min Scan# 950
Delta R.T. 0.01 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	28011		
128	36.1		29.1	43.7
54	66.2		50.2	75.4



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





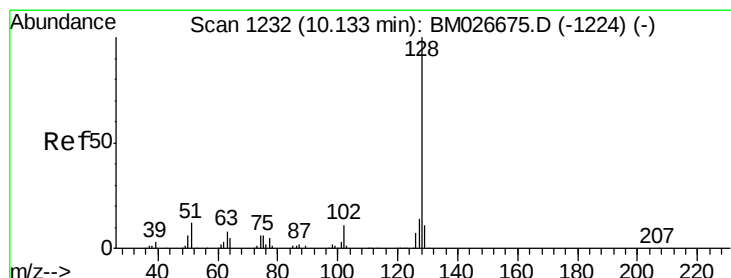
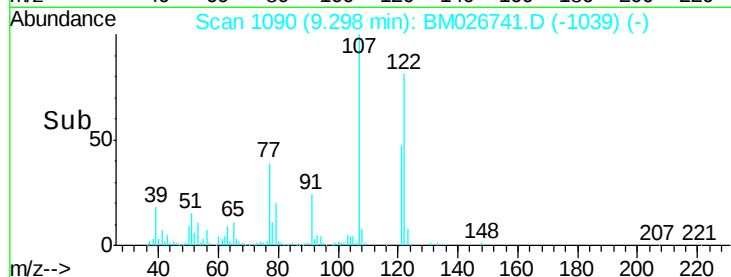
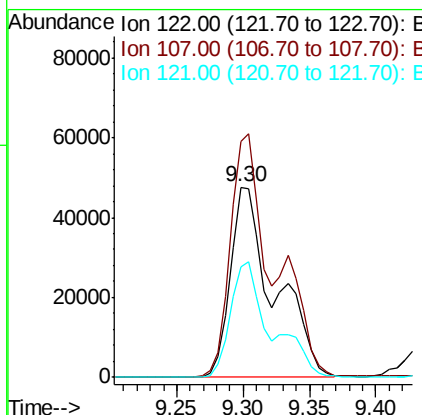
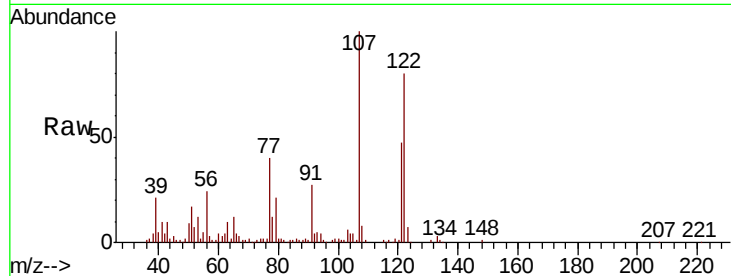
#27
2,4-Dimethylphenol
Concen: 19.298 ng/ml
RT: 9.30 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Instrument :
BNA_M
ClientSampleId :
E3-41-NHL

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	102.1	153.1
121	58.3	48.2	72.2

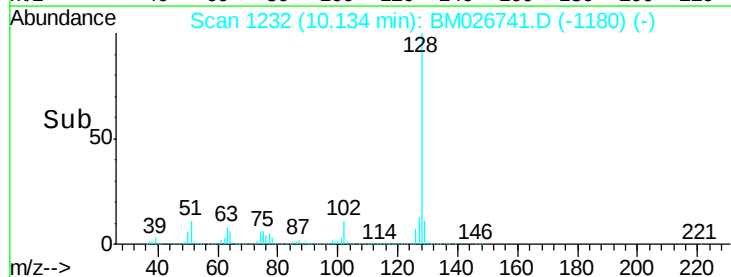
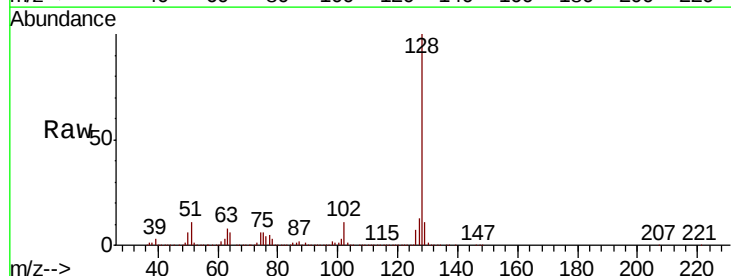
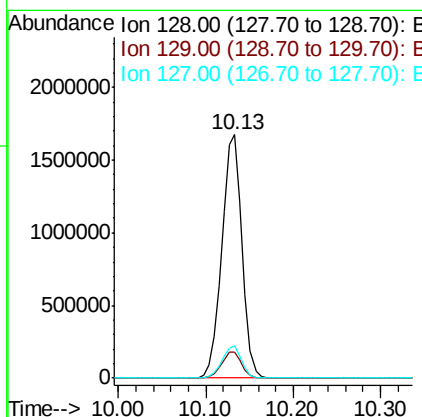
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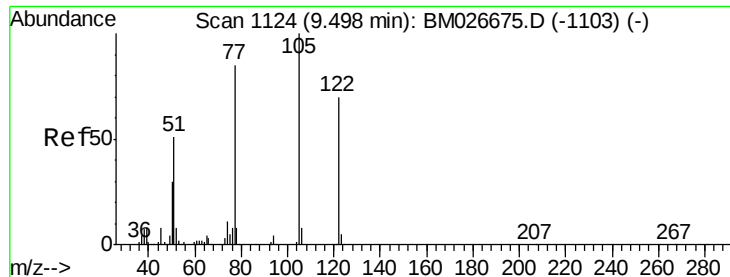
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#31
Naphthalene
Concen: 122.629 ng/ml
RT: 10.13 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.8	16.2





#32

Benzoic acid

Concen: 13.947 ng

RT: 9.46 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Instrument :

BNA_M

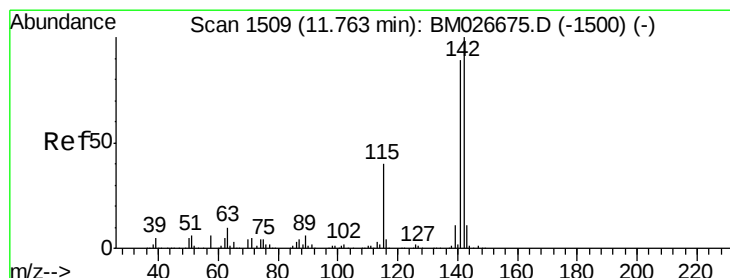
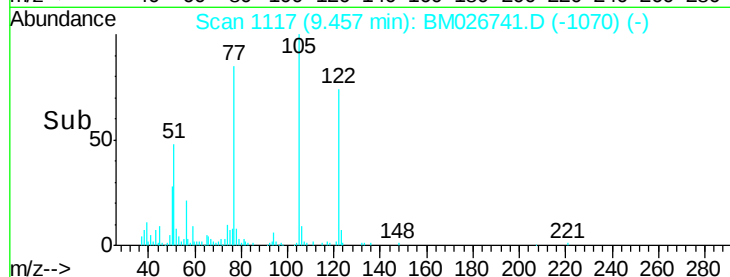
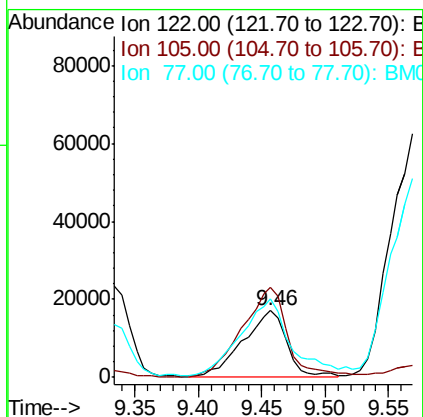
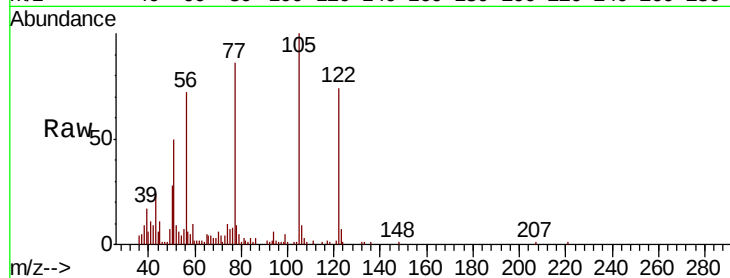
ClientSampleId :

E3-41-NHL

Tot Ion:	122	Resp:	40087
Ion Ratio	Lower	Upper	
122	100		
105	135.5	120.9	160.9
77	116.9	100.0	140.0

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#37

2-Methylnaphthalene

Concen: 209.575 ng

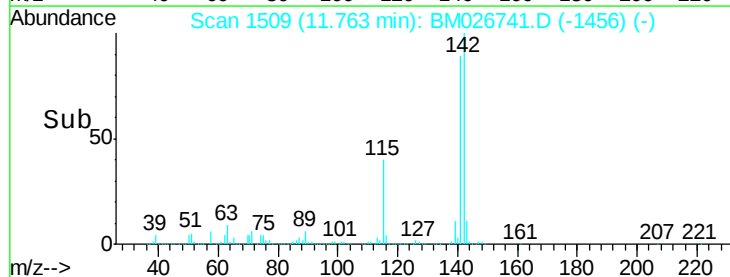
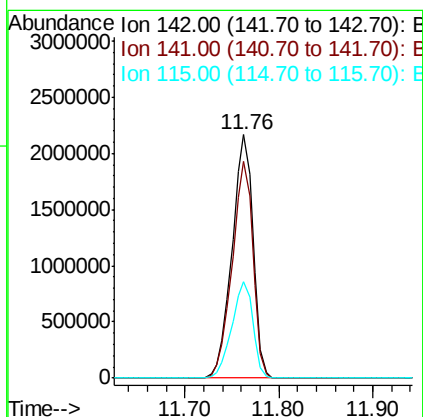
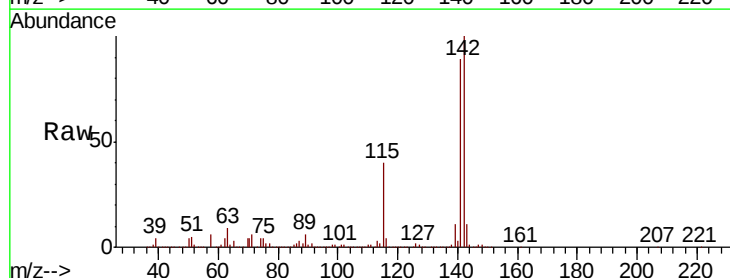
RT: 11.76 min Scan# 1509

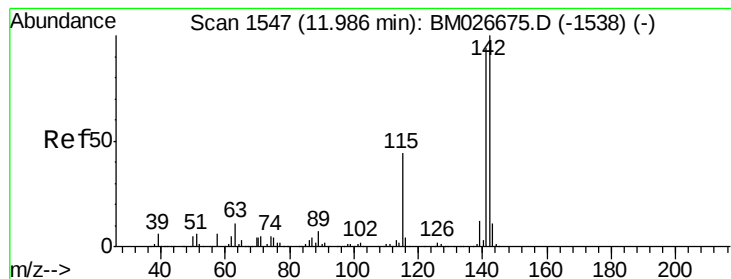
Delta R.T. 0.01 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Tgt Ion:	142	Resp:	3352580
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.4	107.0
115	39.8	32.1	48.1





#38

1-Methylnaphthalene

Concen: 107.690 ng

RT: 11.98 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Instrument :

BNA_M

ClientSampled :

E3-41-NHL

Tot Ion:142 Resp: 1650471

Ion Ratio Lower Upper

142 100

141 92.6 75.0 112.6

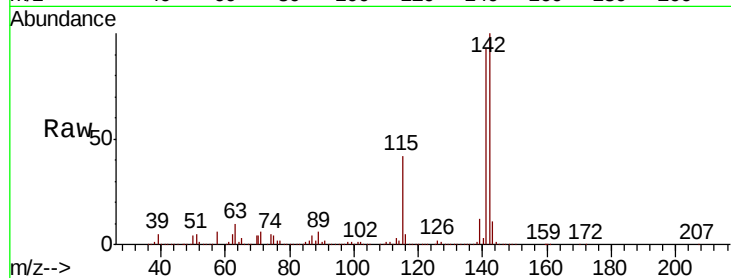
116 4.6 3.5 5.3

Manual Integrations

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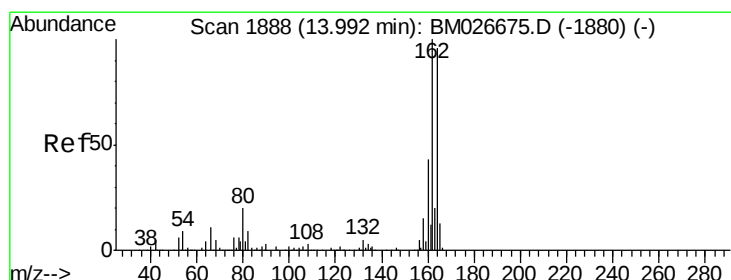
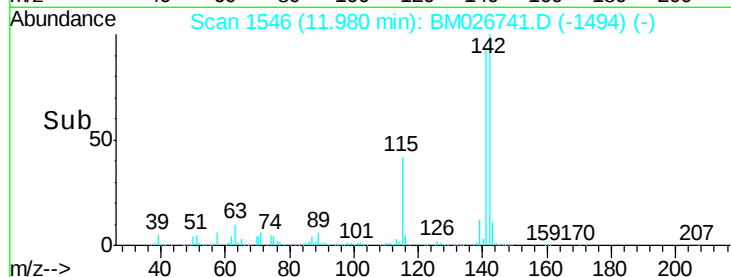
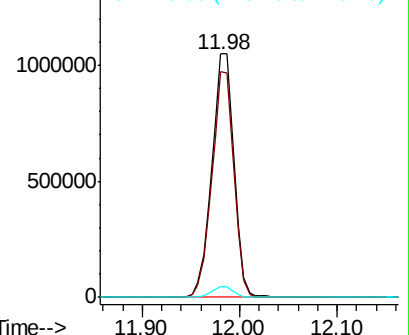
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

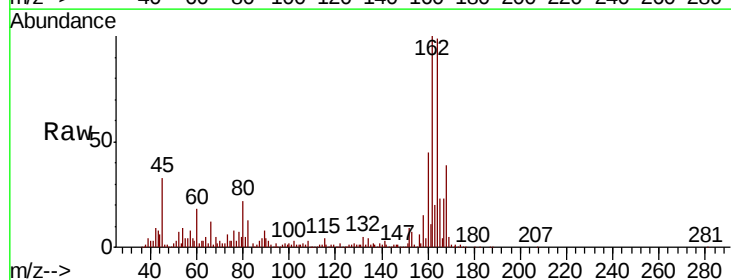
Tgt Ion:164 Resp: 233414

Ion Ratio Lower Upper

164 100

162 100.7 83.7 125.5

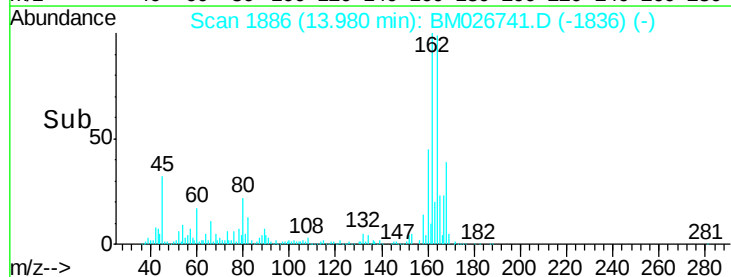
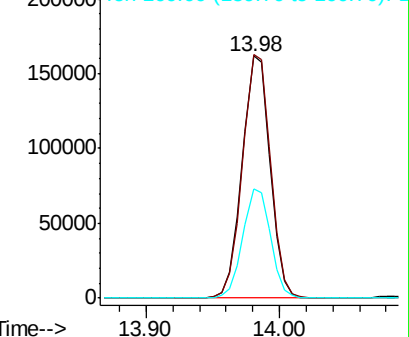
160 45.1 36.2 54.2

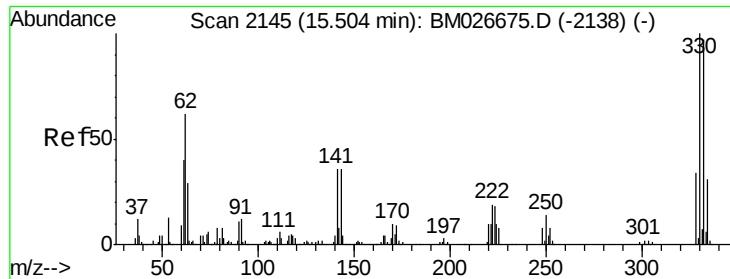


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





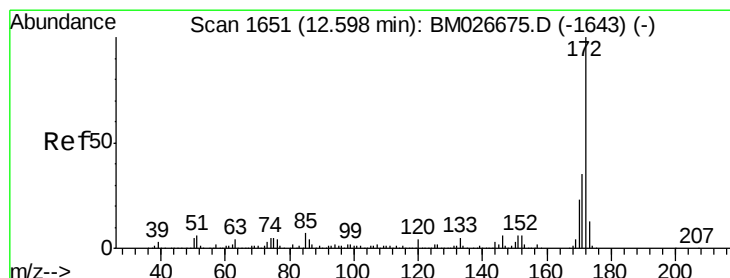
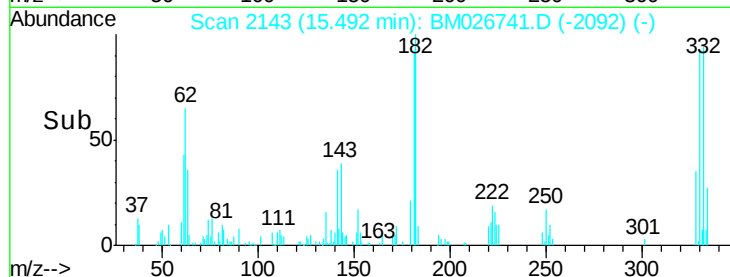
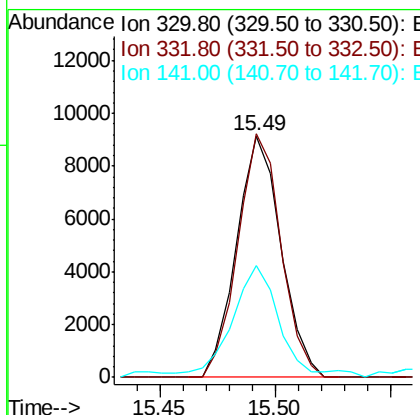
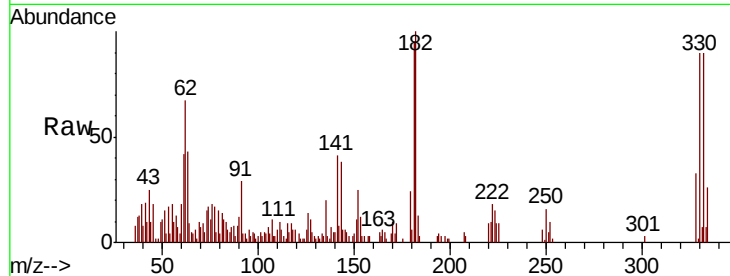
#42
 2,4,6-Tribromophenol
 Concen: 3.608 ng
 RT: 15.49 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BM026741.D
 Acq: 10 Jul 2020 19:28

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.5	116.3
141	49.6	32.4	48.6

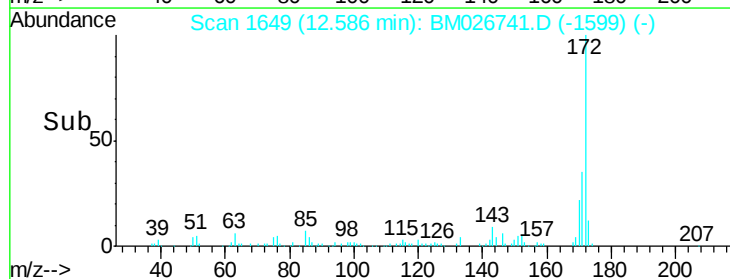
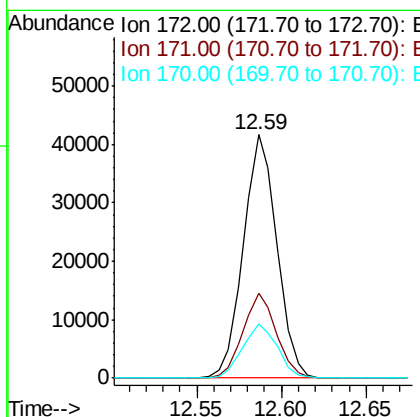
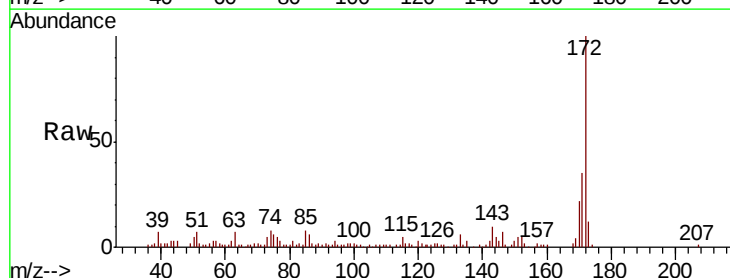
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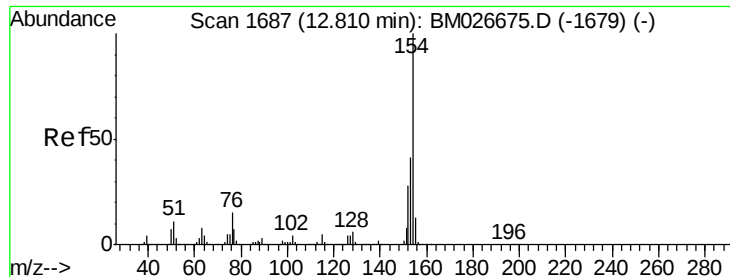
mohammad
 7/13/2020 1:03:09 PM



#45
 2-Fluorobiphenyl
 Concen: 3.277 ng
 RT: 12.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM026741.D
 Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.2	18.5	27.7





#46

1,1'-Biphenyl

Concen: 47.793 ng

RT: 12.80 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Instrument :

BNA_M

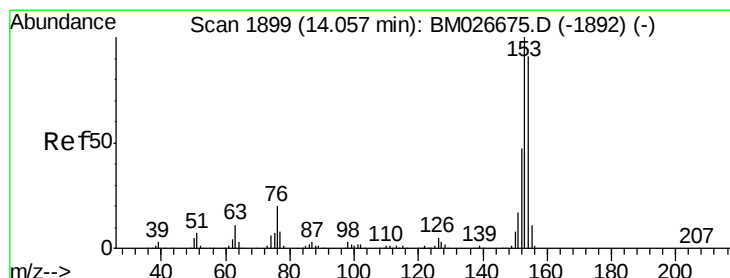
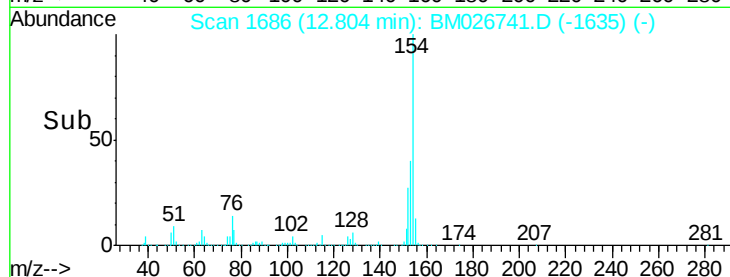
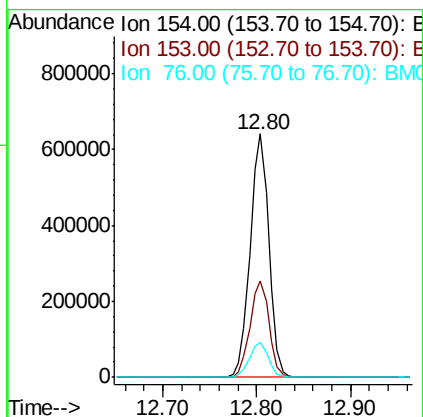
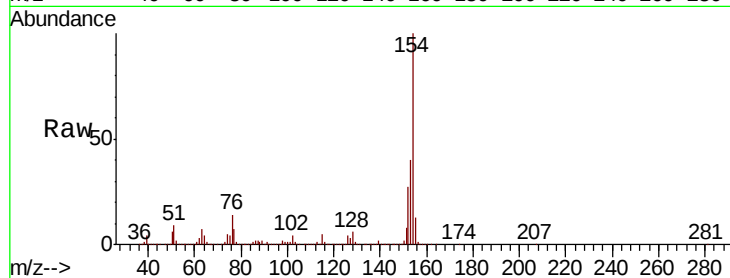
ClientSampleId :

E3-41-NHL

Tot Ion:	154	Resp:	881177
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.9	60.9
76	14.5	0.0	35.2

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#52

Acenaphthene

Concen: 55.342 ng

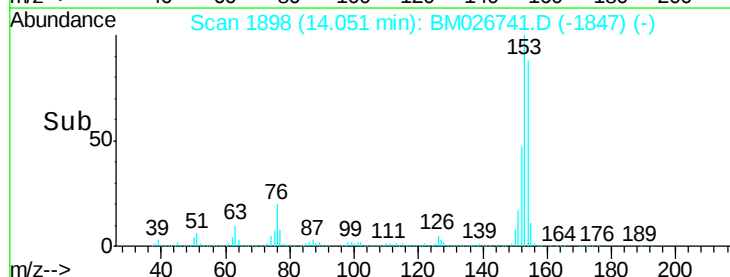
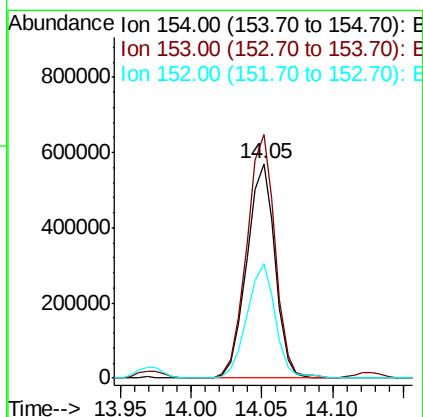
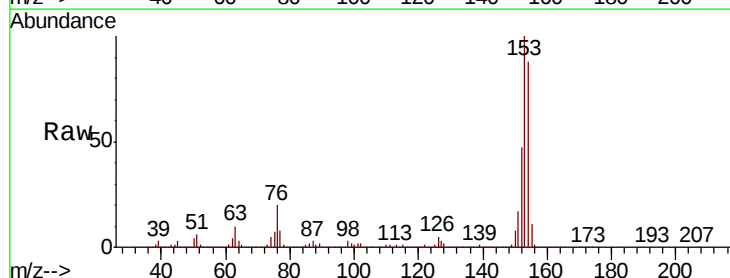
RT: 14.05 min Scan# 1898

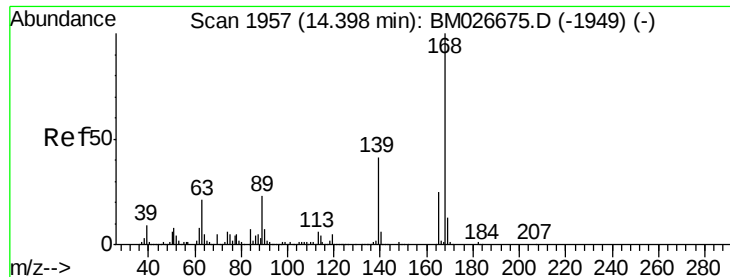
Delta R.T. 0.00 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Tgt Ion:	154	Resp:	800832
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.3	132.5
152	53.4	41.1	61.7





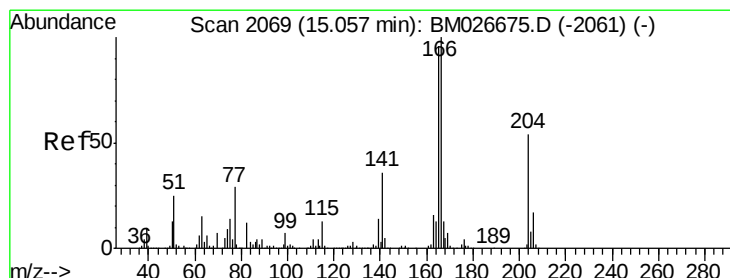
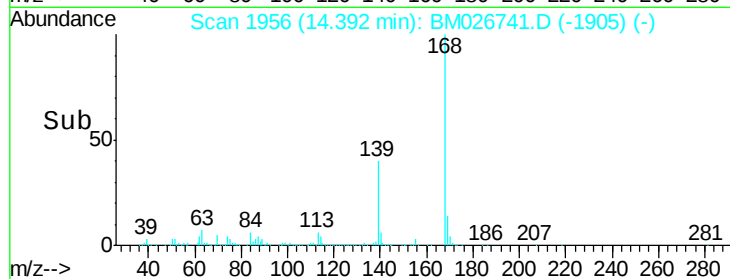
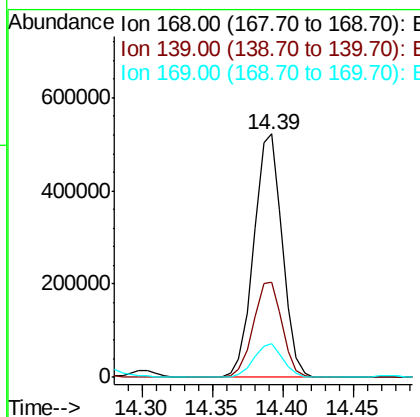
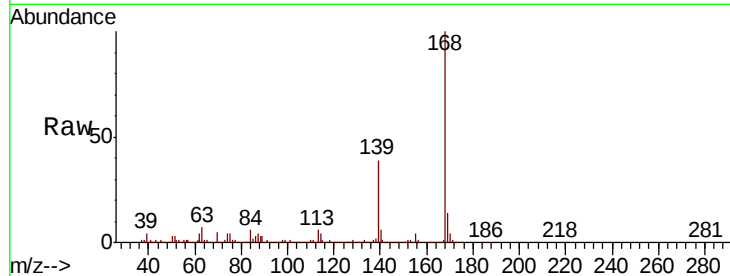
#55
Dibenzofuran
Concen: 31.186 ng
RT: 14.39 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Instrument :
BNA_M
ClientSampleId :
E3-41-NHL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	739925		
139	39.0		32.6	48.8
169	13.9		10.5	15.7

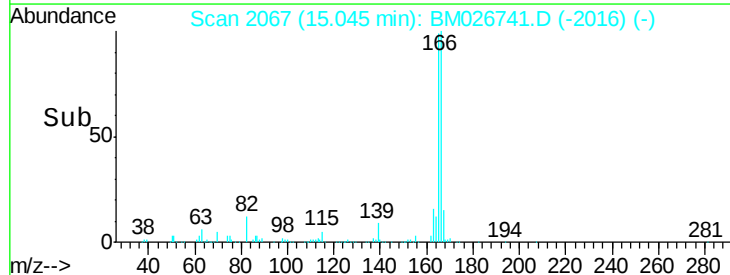
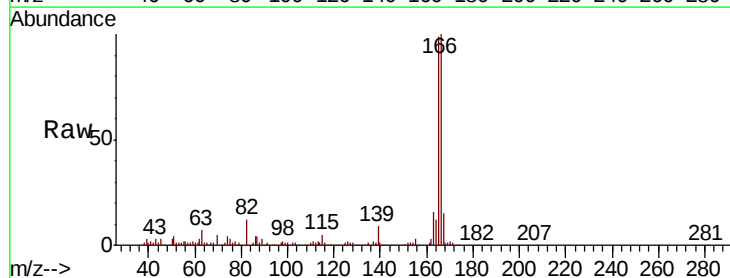
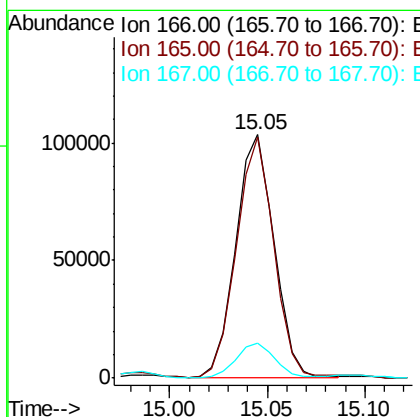
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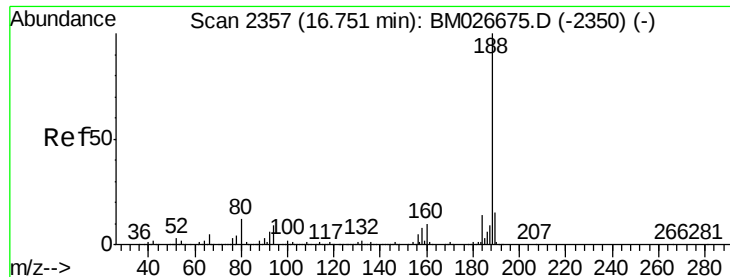
mohammad
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#58
Fluorene
Concen: 7.097 ng
RT: 15.05 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	139423		
165	99.1		77.1	115.7
167	14.6		10.8	16.2





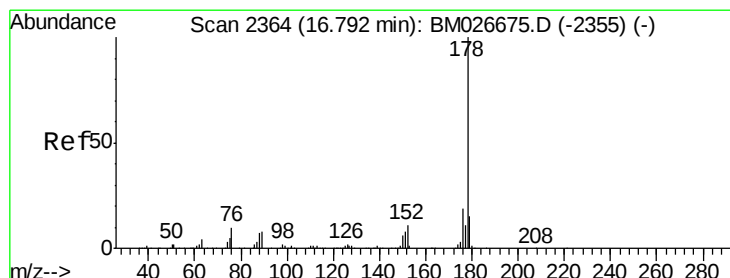
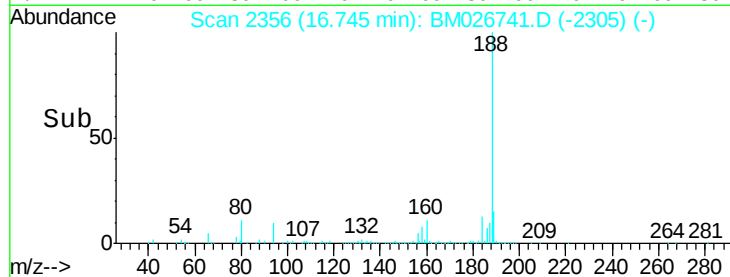
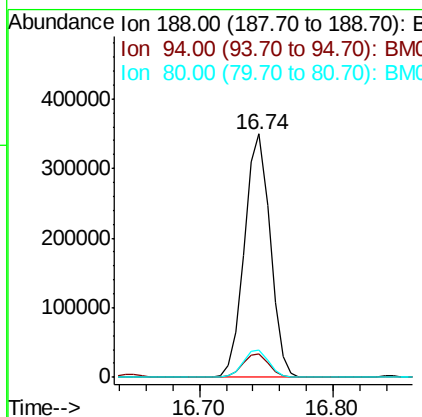
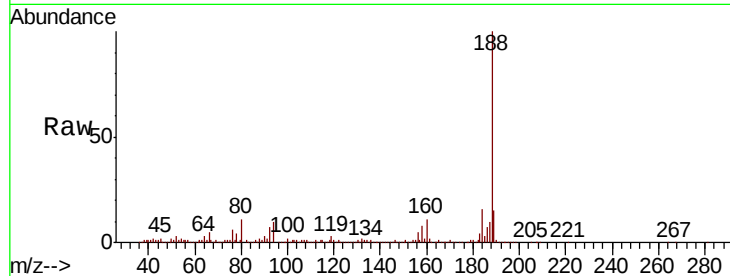
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Instrument :
BNA_M
ClientSampleId :
E3-41-NHL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	7.4	11.0
80	11.1	9.3	13.9

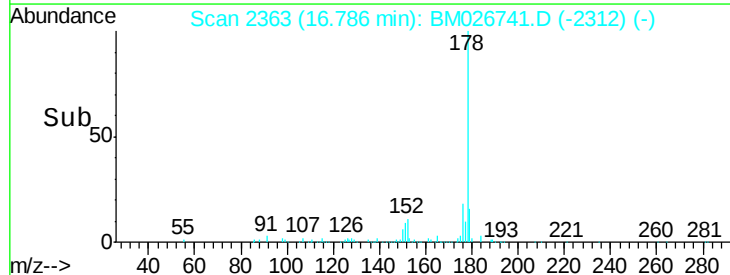
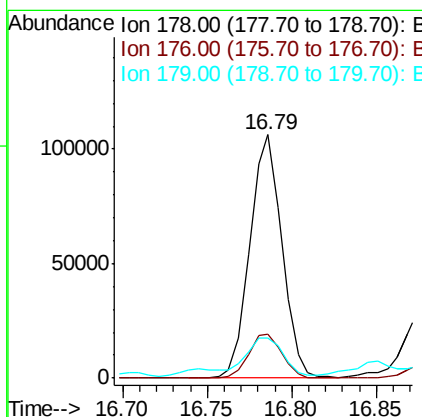
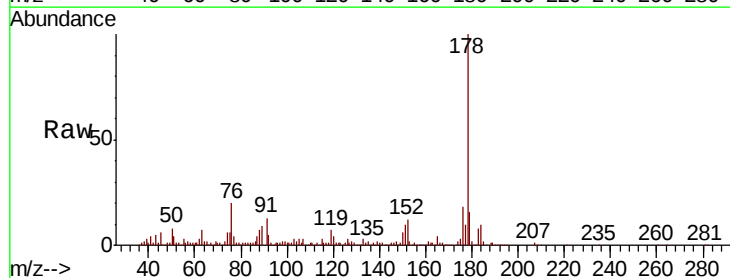
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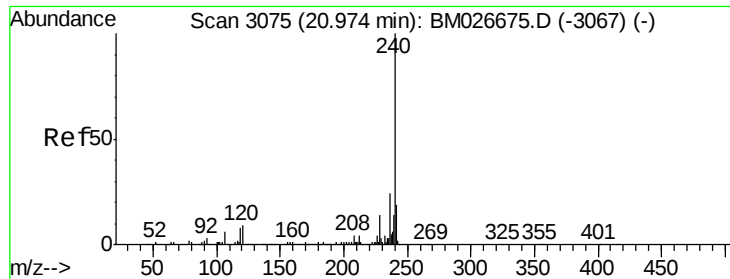
mohammad
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#71
Phenanthrene
Concen: 5.147 ng
RT: 16.79 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.8	15.0	22.6
179	16.3	12.1	18.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. 0.00 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Instrument :

BNA_M

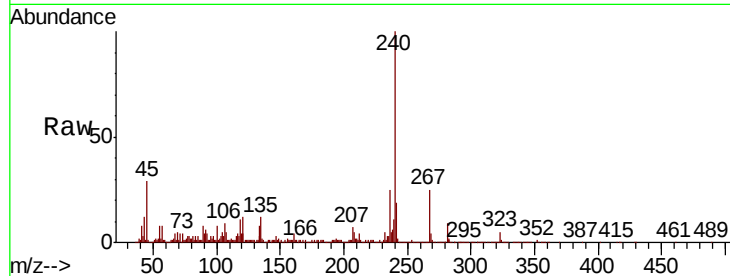
ClientSampled :

E3-41-NHL

Tot Ion:	240	Resp:	495696
Ion Ratio	Lower	Upper	
240	100		
120	11.7	7.3	10.9#
236	24.8	19.4	29.2

Manual Integrations
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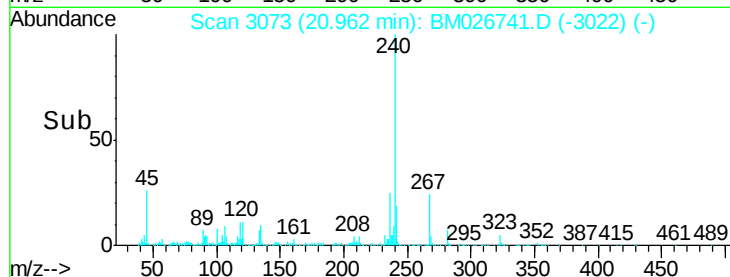


Abundance Ion 240.00 (239.70 to 240.70): E

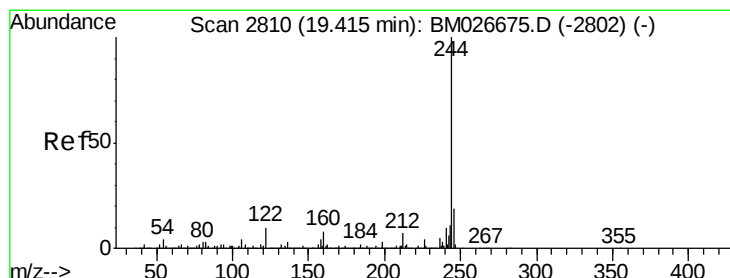
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 3.640 ng

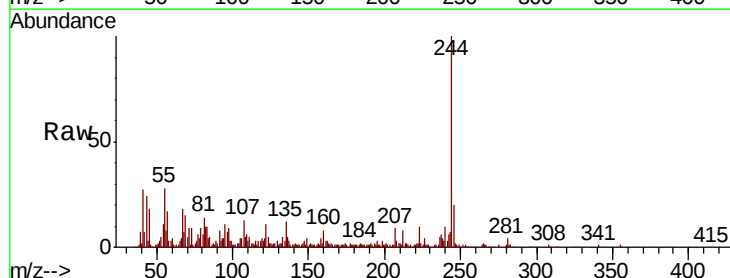
RT: 19.41 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BM026741.D

Acq: 10 Jul 2020 19:28

Tgt Ion:	244	Resp:	91684
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.9	8.9
122	10.6	8.2	12.4

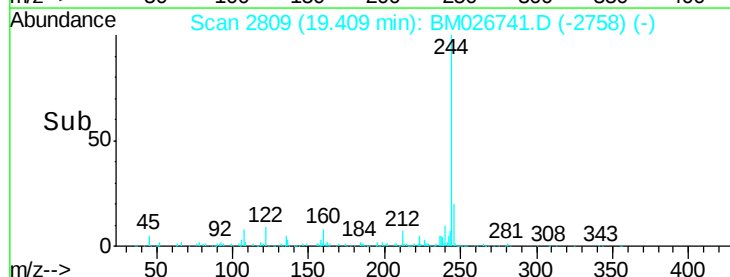


Abundance Ion 244.00 (243.70 to 244.70): E

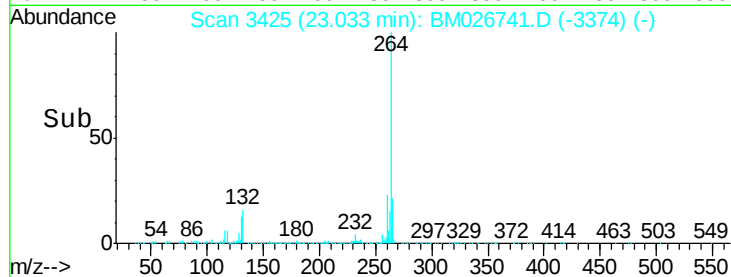
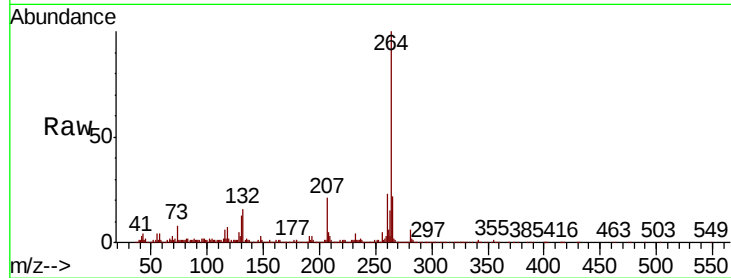
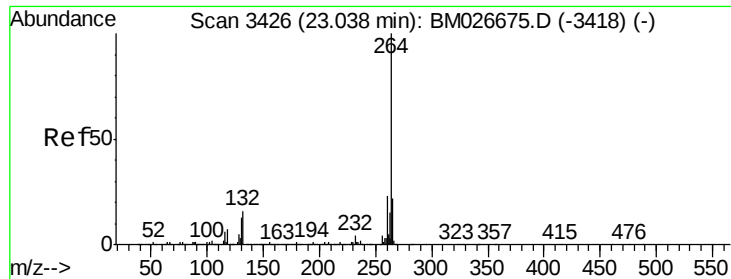
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BM026741.D
Acq: 10 Jul 2020 19:28

Instrument :
BNA_M
ClientSampleId :
E3-41-NHL

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	18.2	27.2	
265	22.1	17.6	26.4	

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