

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026737.D
 Acq On : 10 Jul 2020 17:01
 Operator : JU/CG
 Sample : L3217-09DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHLDL

Manual Integrations
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 7/13/2020 1:02:59 PM

Quant Time: Jul 10 17:35:19 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	96351	20.00	ng	0.01
21) Naphthalene-d8	10.08	136	383958	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	221722	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	458905	20.00	ng	0.00
76) Chrysene-d12	20.97	240	474228	20.00	ng	0.00
86) Perylene-d12	23.04	264	479784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	44491m	7.74	ng	0.07
7) Phenol-d6	6.69	99	60617	6.62	ng	0.15
23) Nitrobenzene-d5	8.47	82	44047	4.89	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	20518	6.35	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	82787	4.96	ng	0.00
79) Terphenyl-d14	19.41	244	127870	5.31	ng	0.00
Target Compounds						
10) Phenol	6.72	94	237608	26.249	ng	94
17) 2-Methylphenol	7.79	107	61744	8.975	ng	97
20) 3+4-Methylphenols	8.12	107	279596	29.563	ng	95
27) 2,4-Dimethylphenol	9.30	122	67804m	11.933	ng	
31) Naphthalene	10.13	128	895036	41.912	ng	99
37) 2-Methylnaphthalene	11.76	142	1036480	65.520	ng	99
38) 1-Methylnaphthalene	11.98	142	518512	34.212	ng	98
46) 1,1'-Biphenyl	12.80	154	280759	16.031	ng	99
52) Acenaphthene	14.05	154	250464	18.221	ng	99
55) Dibenzofuran	14.39	168	232964	10.337	ng	98
58) Fluorene	15.04	166	44215	2.369	ng	97

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

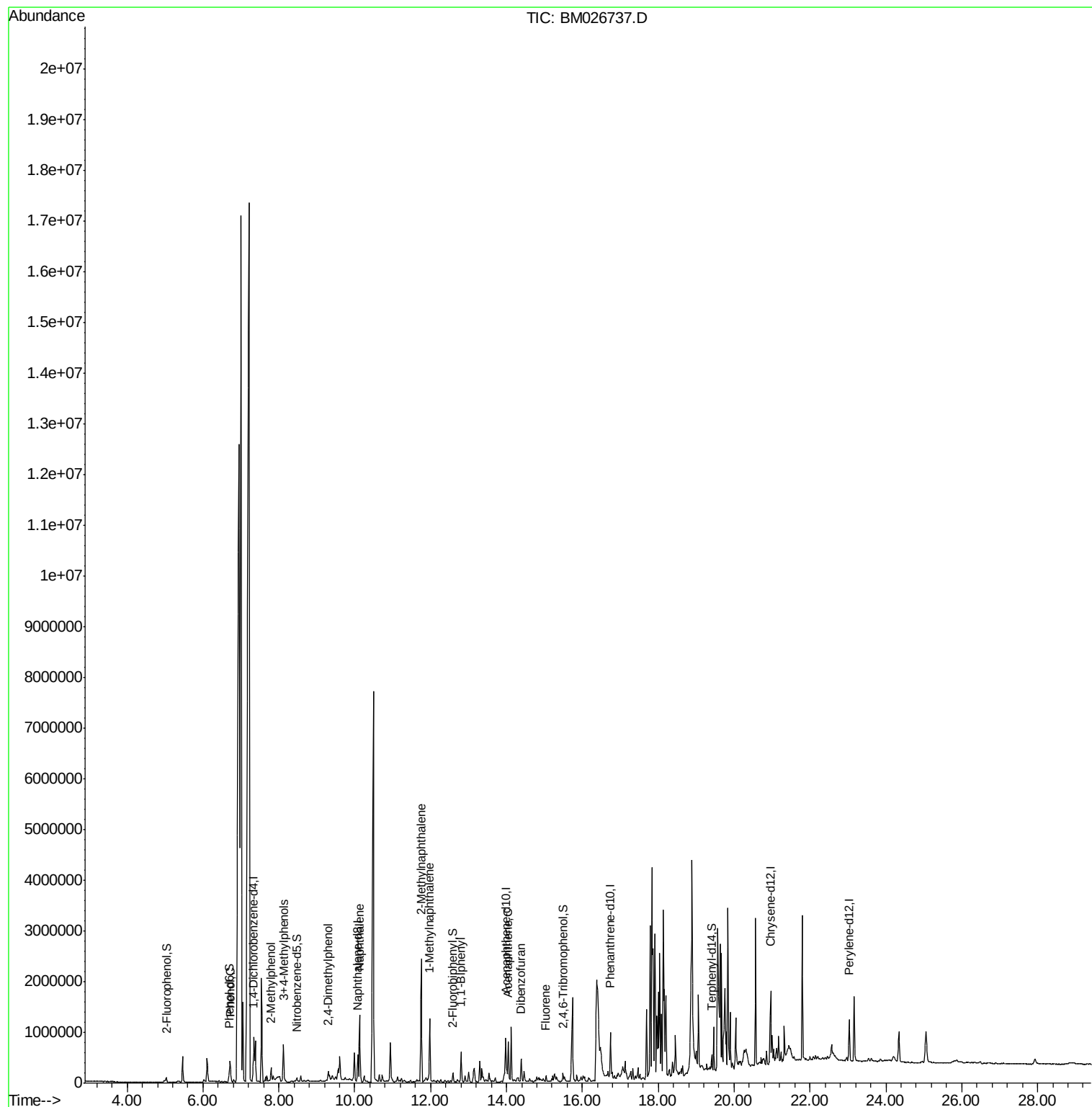
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026737.D
Acq On : 10 Jul 2020 17:01
Operator : JU/CG
Sample : L3217-09DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

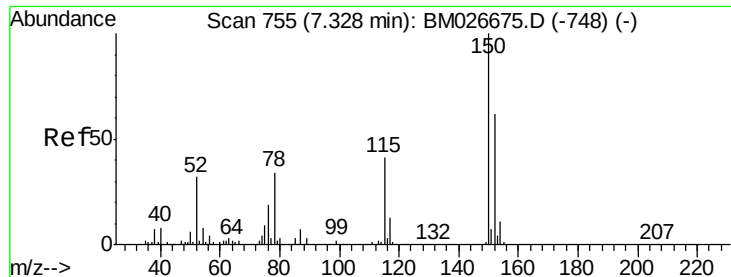
Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

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Quant Time: Jul 10 17:35:19 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





#1

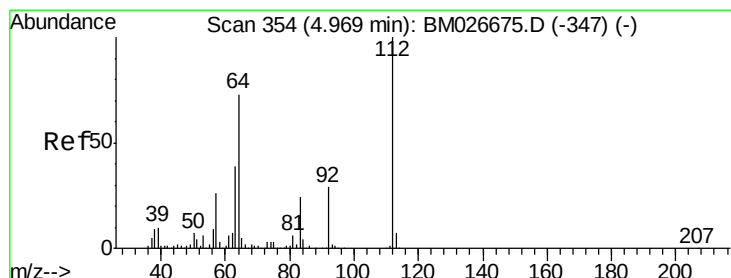
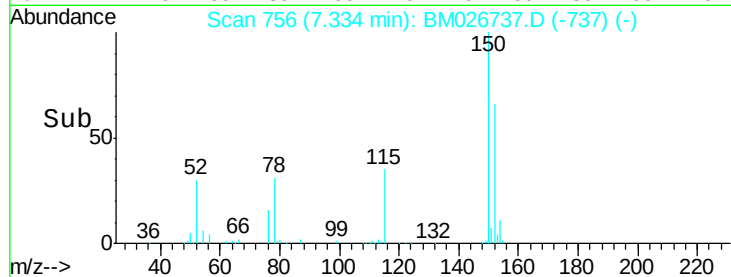
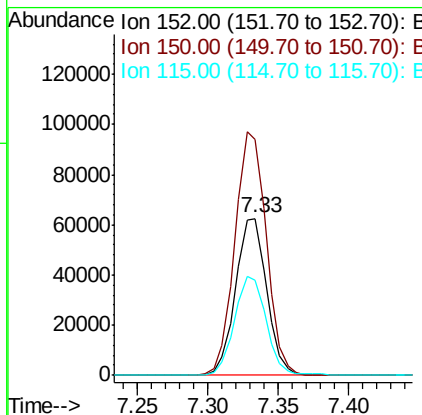
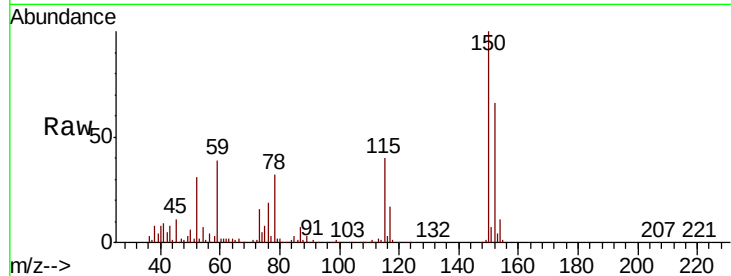
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	128.1	192.1
115	60.3	52.2	78.4

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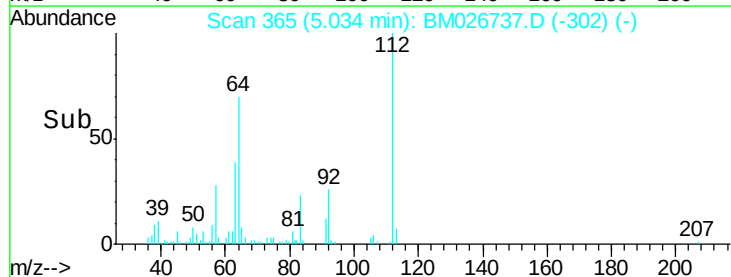
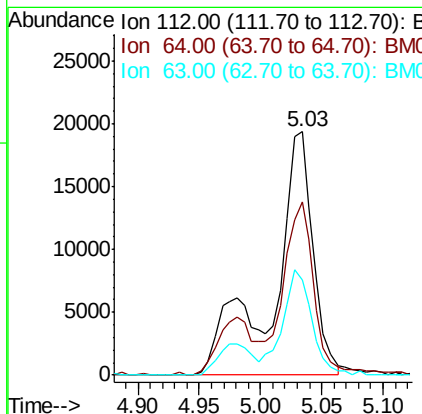
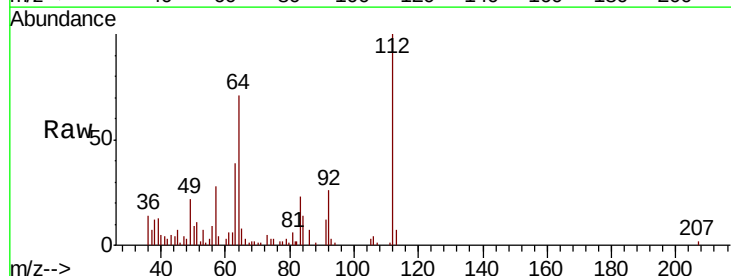
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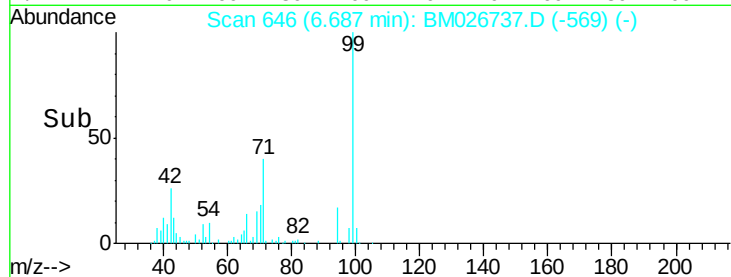
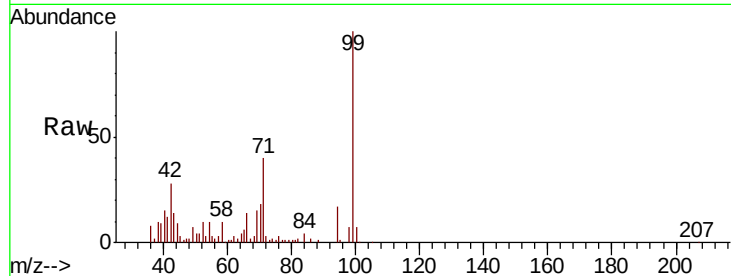
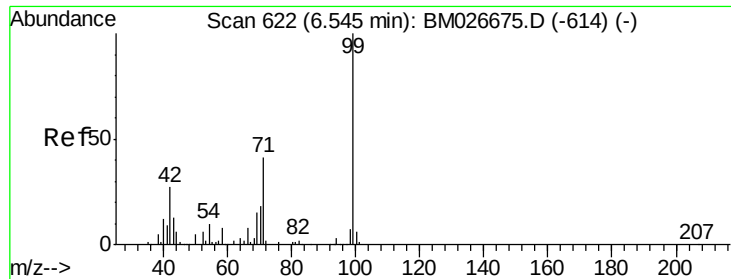


#5

2-Fluorophenol
Concen: 7.740 ng m
RT: 5.03 min Scan# 365
Delta R.T. 0.07 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	58.4	87.6
63	38.9	31.5	47.3





#7

Phenol-d6

Concen: 6.618 ng

RT: 6.69 min Scan# 646

Delta R.T. 0.15 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Tot Ion:	99	Resp:	60617
Ion	Ratio	Lower	Upper
99	100		
42	28.4	21.7	32.5
71	40.3	33.2	49.8

Instrument :

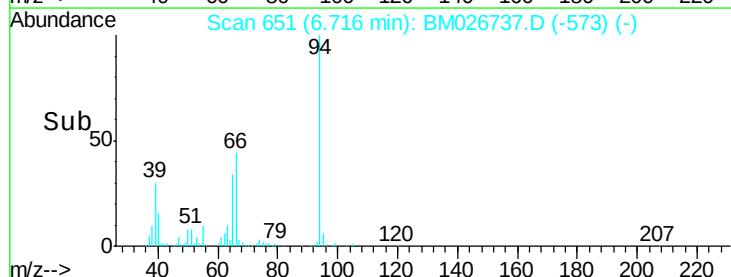
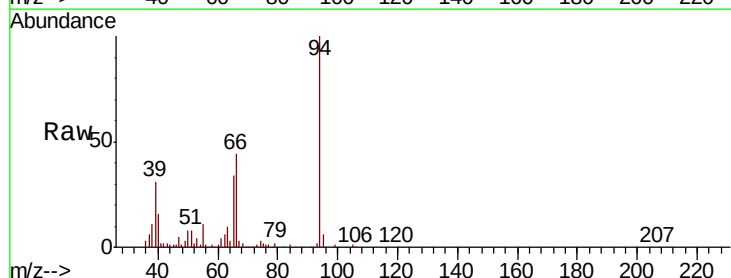
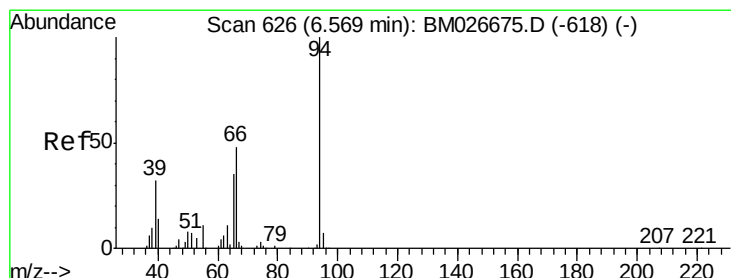
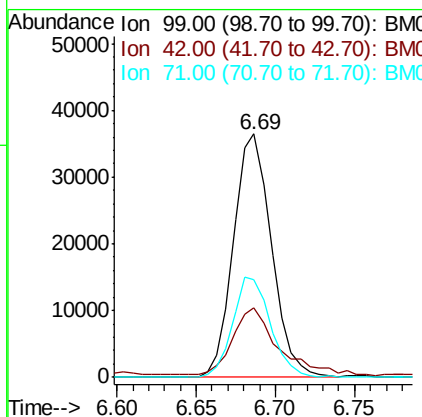
BNA_M

ClientSampleId :

E3-41-NHLDL

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#10

Phenol

Concen: 26.249 ng

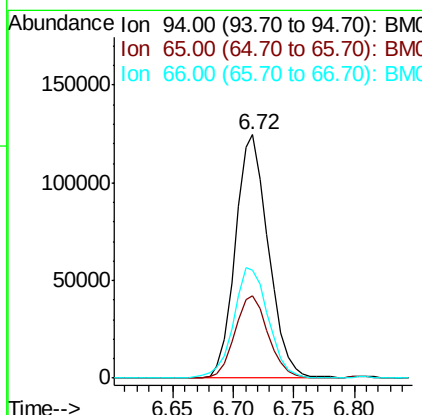
RT: 6.72 min Scan# 651

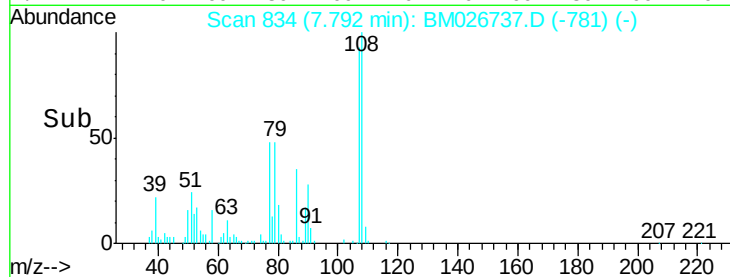
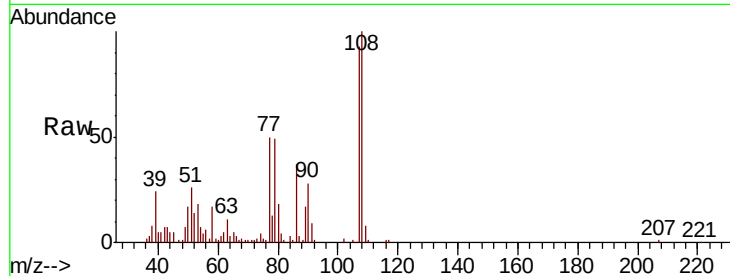
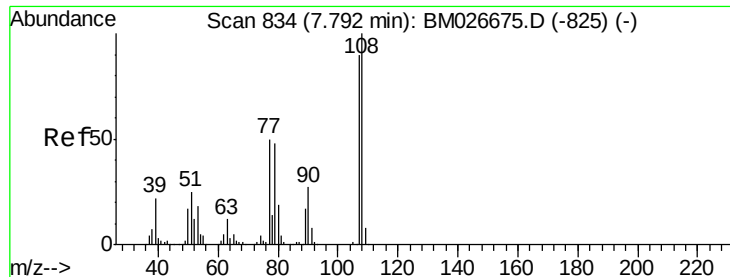
Delta R.T. 0.16 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Tgt Ion:	94	Resp:	237608
Ion	Ratio	Lower	Upper
94	100		
65	33.9	15.5	55.5
66	44.3	29.8	69.8





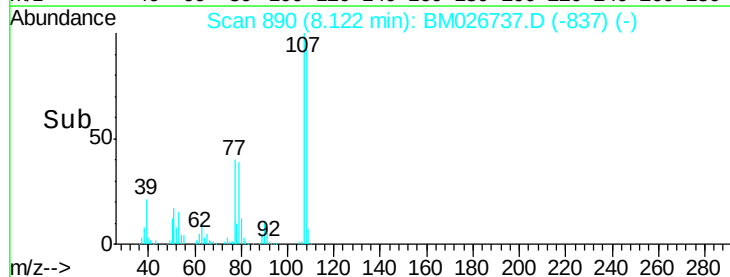
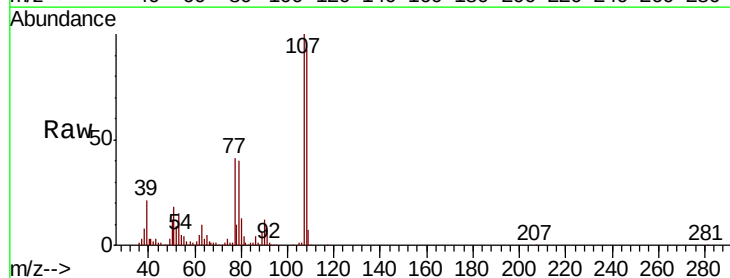
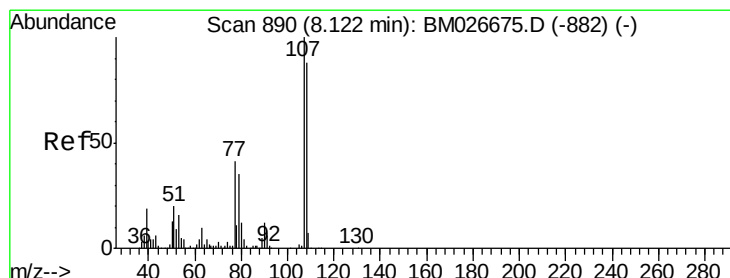
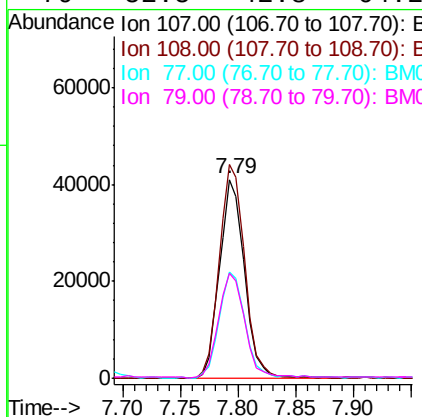
#17
2-Methylphenol
Concen: 8.975 ng
RT: 7.79 min Scan# 834
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tot Ion	107	Resp	61744
Ion	Ratio	Lower	Upper
107	100		
108	107.5	89.4	134.0
77	53.4	45.2	67.8
79	52.5	42.8	64.2

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

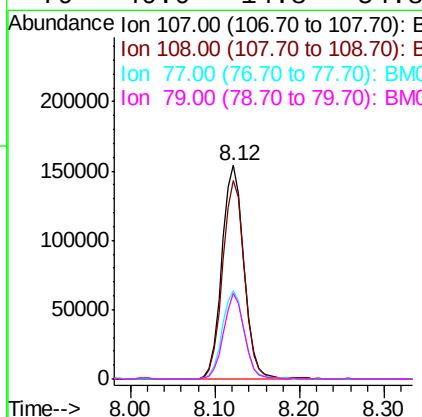
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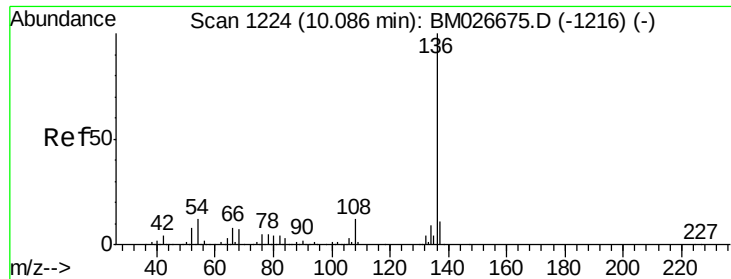
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#20
3+4-Methylphenols
Concen: 29.563 ng
RT: 8.12 min Scan# 890
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion	107	Resp	279596
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.5	108.5
77	41.4	20.8	60.8
79	40.0	14.8	54.8





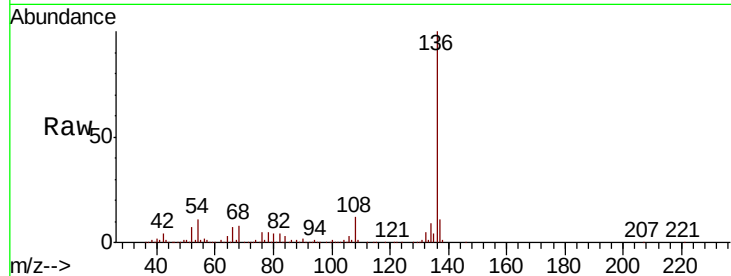
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

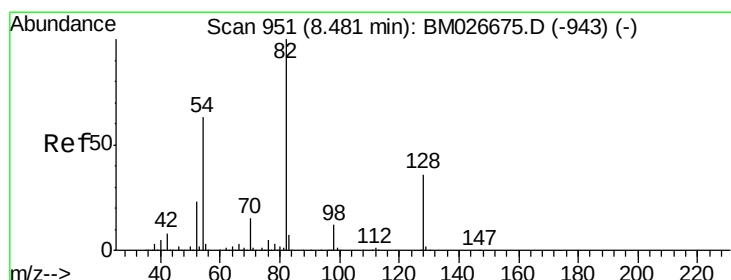
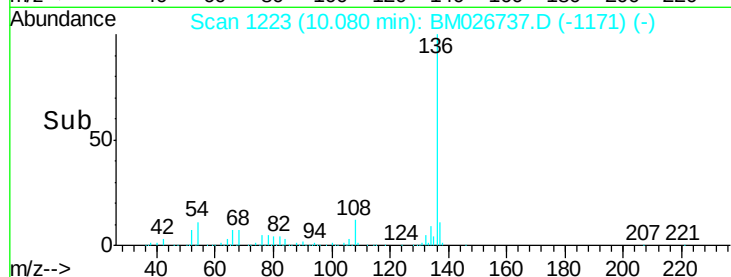
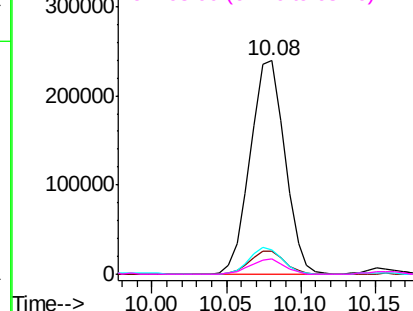
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.6	12.8	
54	11.1	9.8	14.6	
68	7.5	5.8	8.6	

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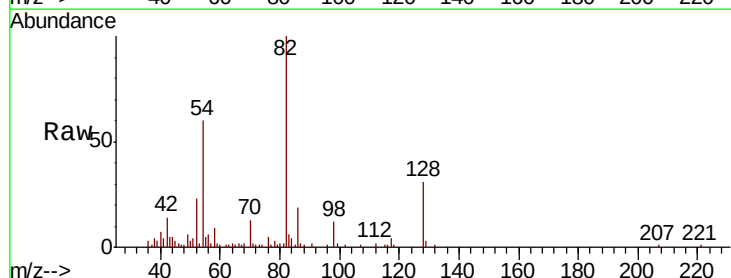


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

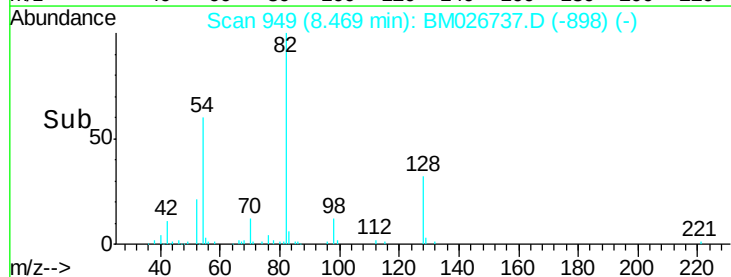
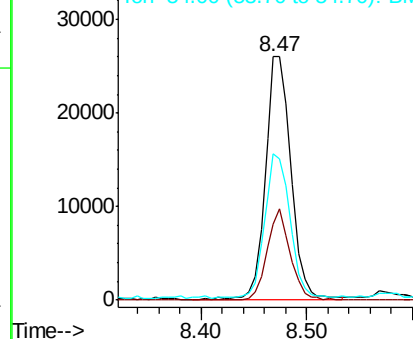


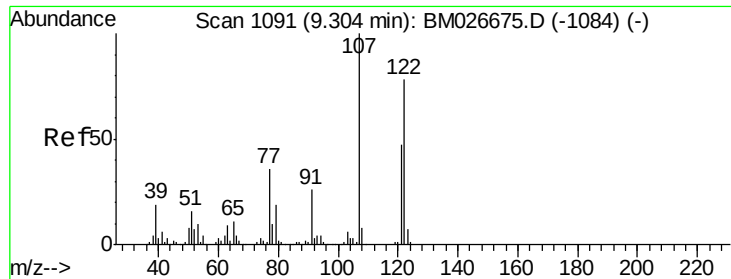
#23
Nitrobenzene-d5
Concen: 4.894 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.4	29.1	43.7	
54	60.2	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: 11.933 ng/mL

RT: 9.30 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Instrument :

BNA_M

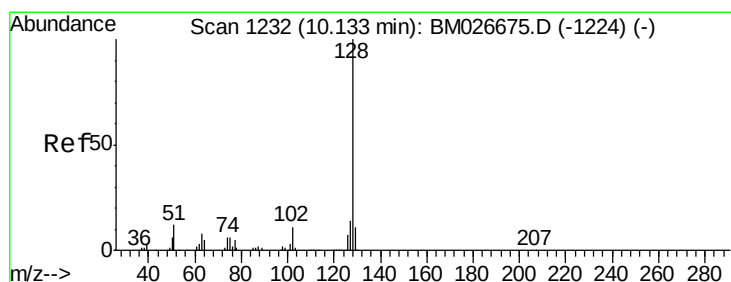
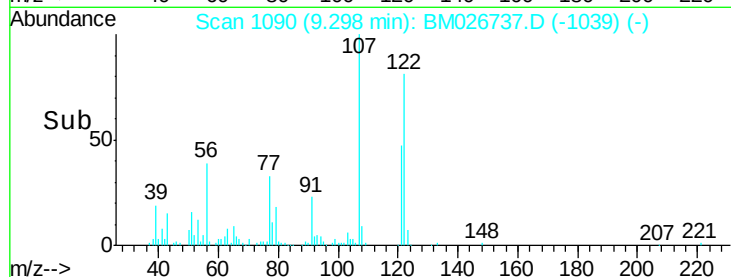
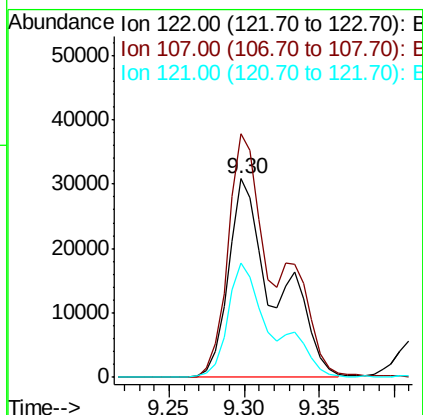
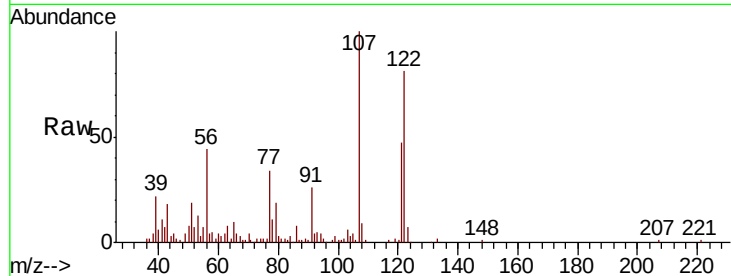
ClientSampled :

E3-41-NHLDL

Tot Ion:	122	Resp:	67804
Ion Ratio	Lower	Upper	
122	100		
107	122.8	102.1	153.1
121	58.0	48.2	72.2

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#31

Naphthalene

Concen: 41.912 ng/mL

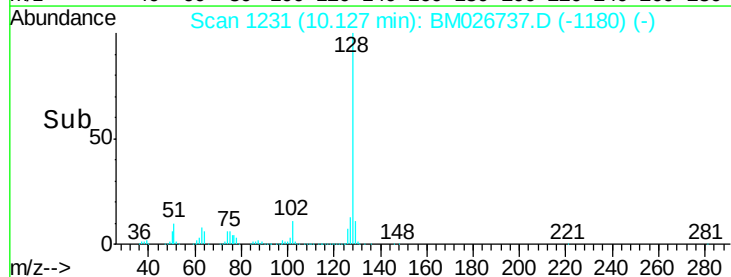
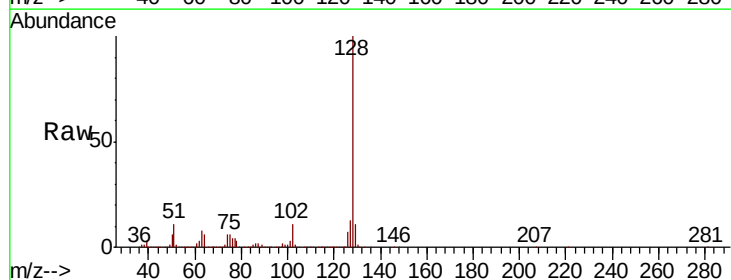
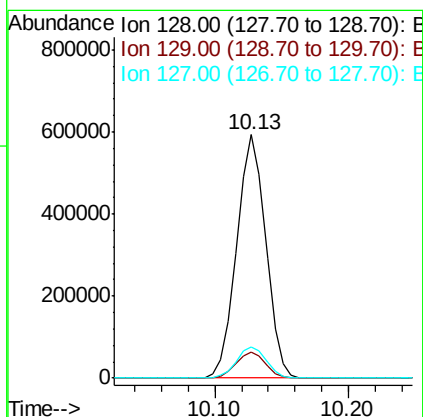
RT: 10.13 min Scan# 1231

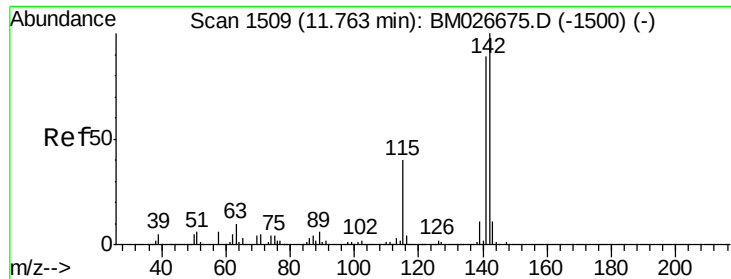
Delta R.T. -0.00 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Tgt Ion:	128	Resp:	895036
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	12.9	10.8	16.2





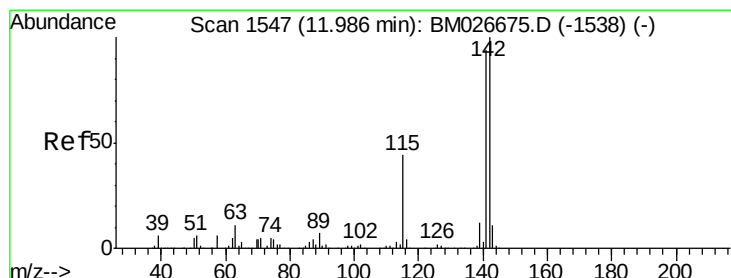
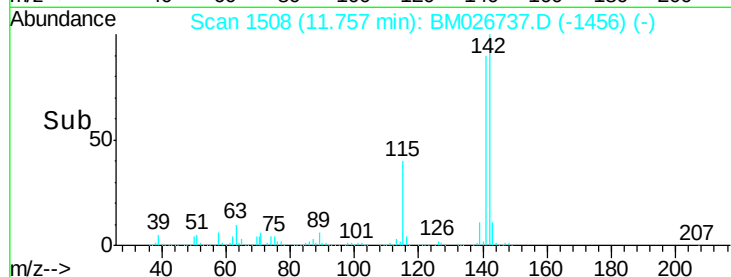
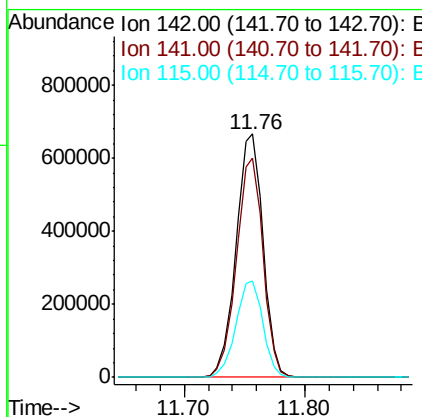
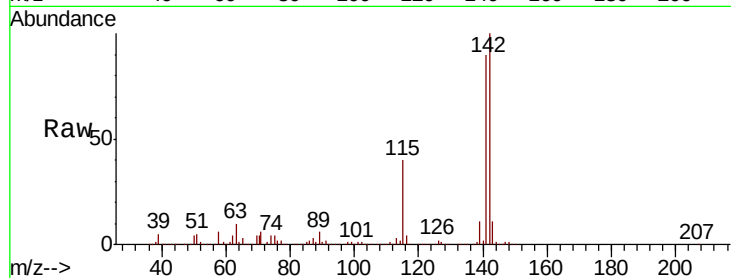
#37
2-Methylnaphthalene
Concen: 65.520 ng
RT: 11.76 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0
115	39.8	32.1	48.1

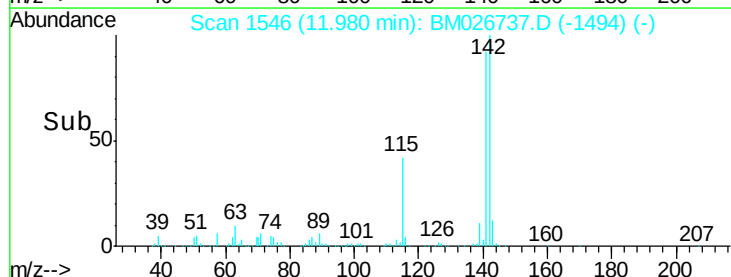
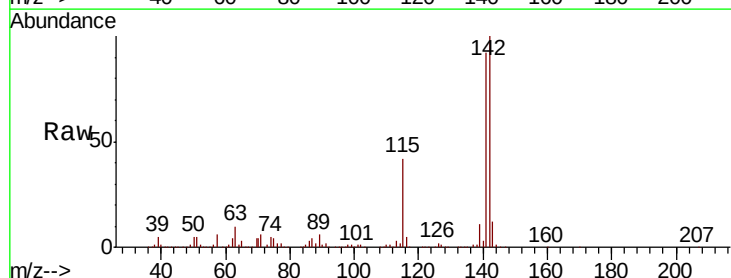
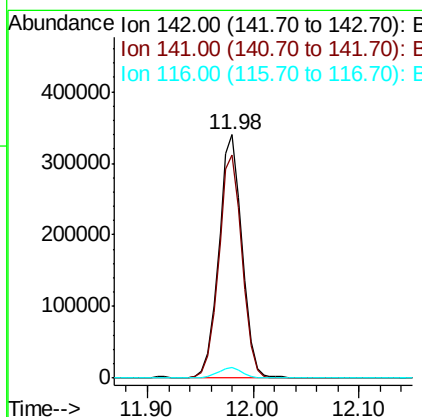
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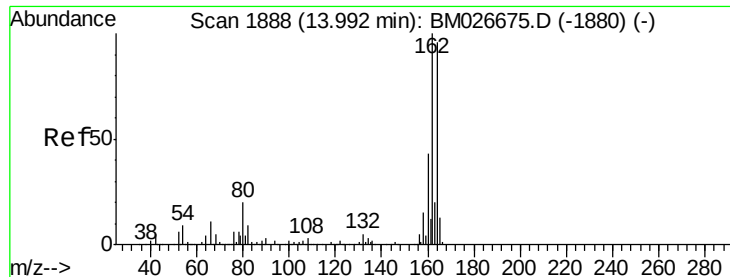
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#38
1-Methylnaphthalene
Concen: 34.212 ng
RT: 11.98 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.0	112.6
116	4.6	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Instrument :

BNA_M

ClientSampleId :

E3-41-NHLDL

Tot Ion:164 Resp: 221722

Ion Ratio Lower Upper

164 100

162 100.5 83.7 125.5

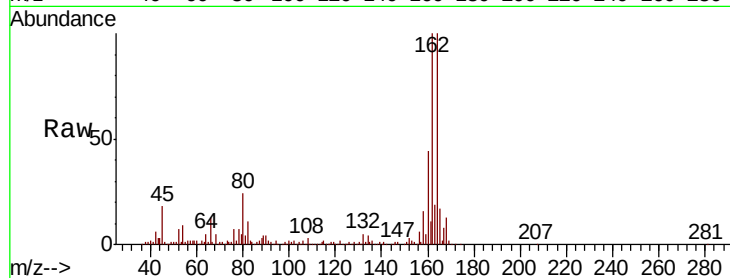
160 44.5 36.2 54.2

Manual Integrations

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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

13.98

200000

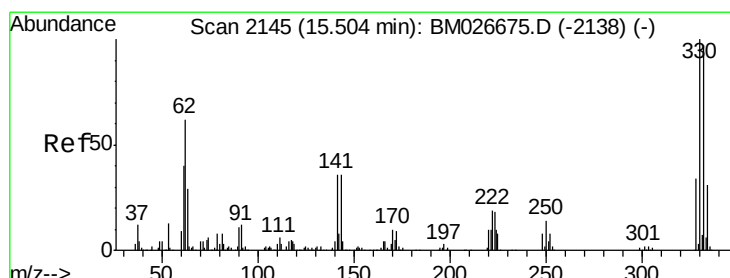
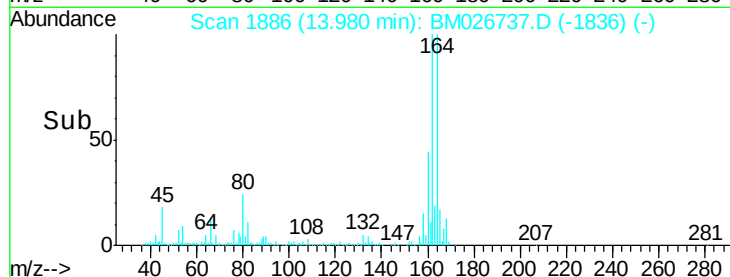
150000

100000

50000

0

Time--> 13.90 13.95 14.00 14.05



#42

2,4,6-Tribromophenol

Concen: 6.353 ng

RT: 15.49 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

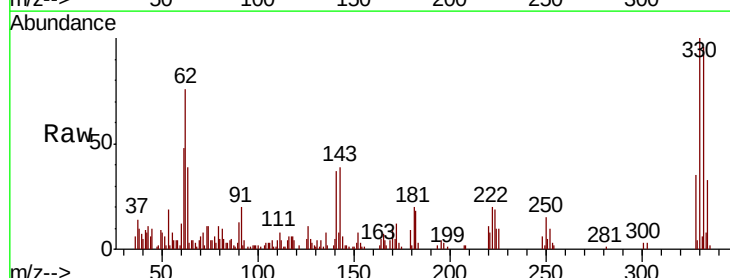
Tgt Ion:330 Resp: 20518

Ion Ratio Lower Upper

330 100

332 98.9 77.5 116.3

141 40.4 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.49

20000

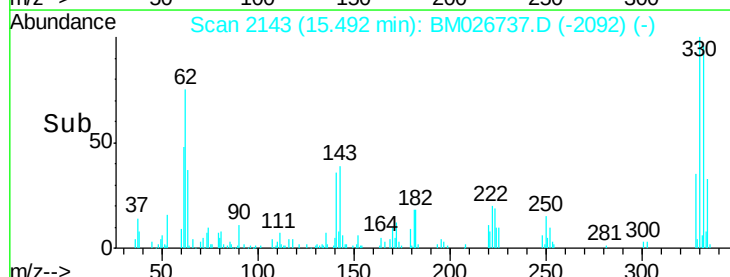
15000

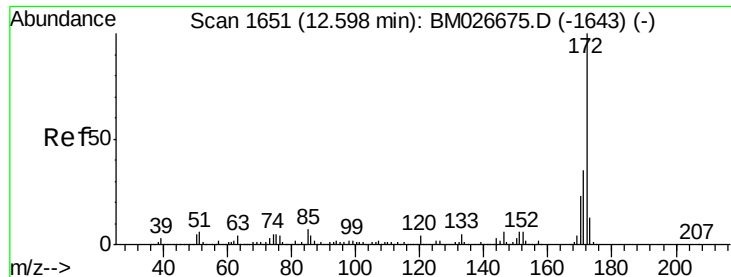
10000

5000

0

Time--> 15.45 15.50 15.55





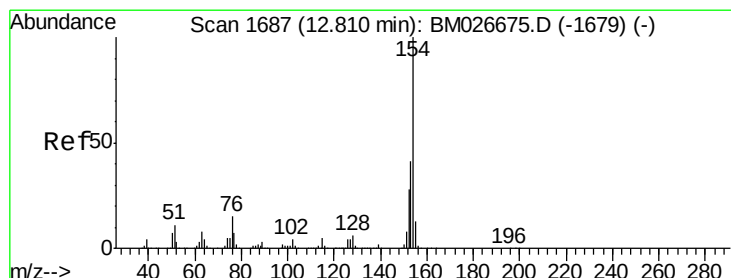
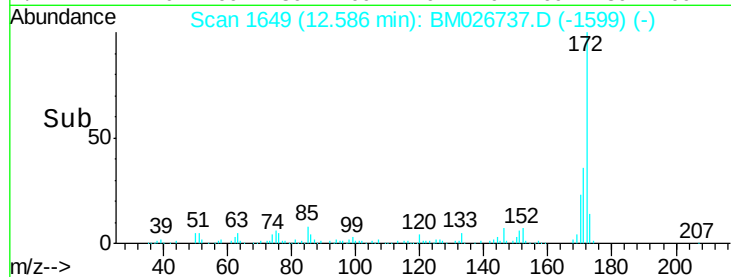
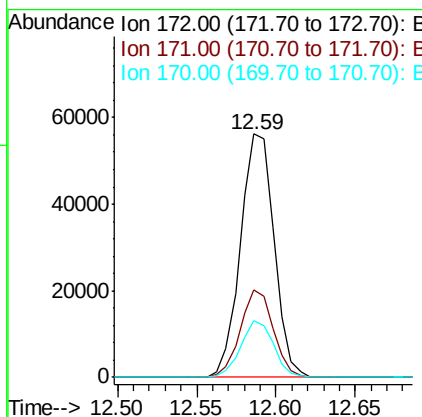
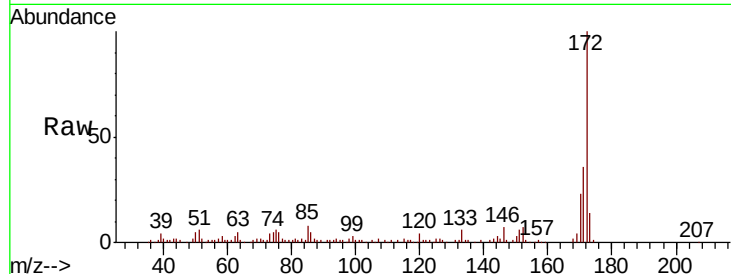
#45
2-Fluorobiphenyl
Concen: 4.965 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	23.4	18.5	27.7

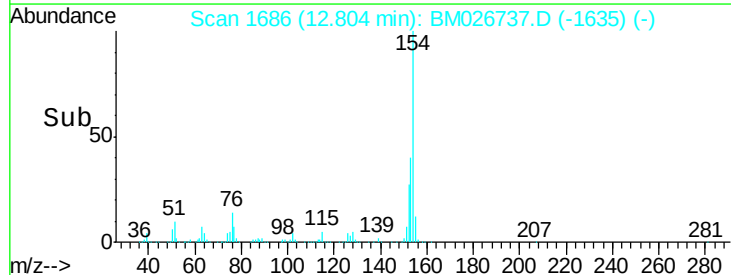
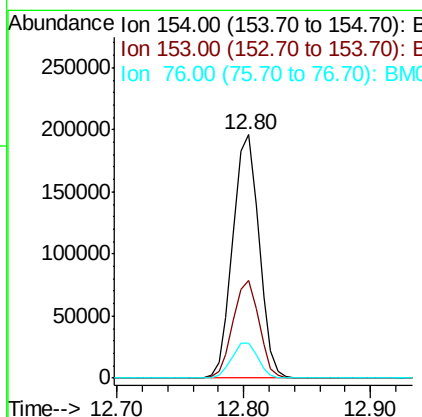
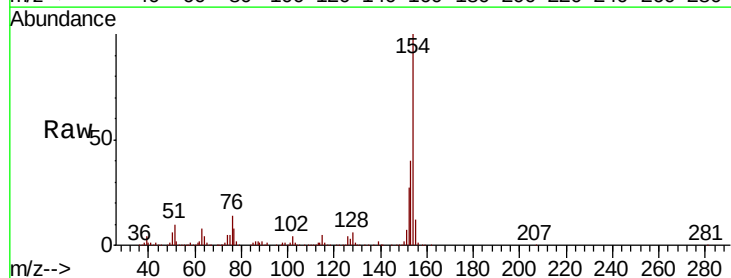
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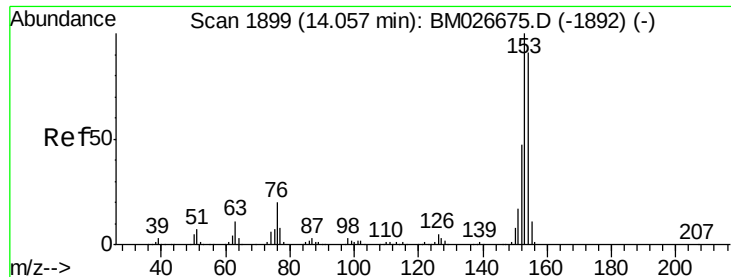
mohammad
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#46
1,1'-Biphenyl
Concen: 16.031 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	14.4	0.0	35.2





#52

Acenaphthene

Concen: 18.221 ng

RT: 14.05 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Instrument :

BNA_M

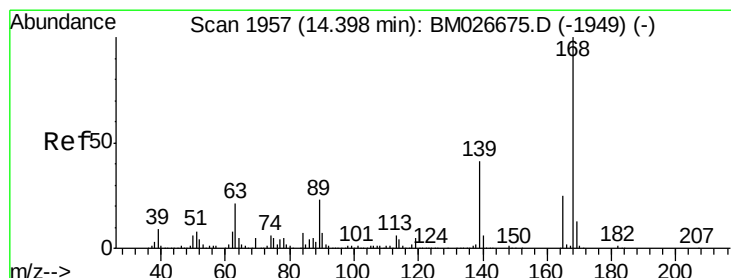
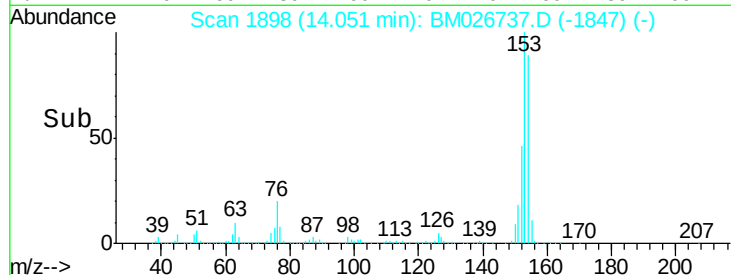
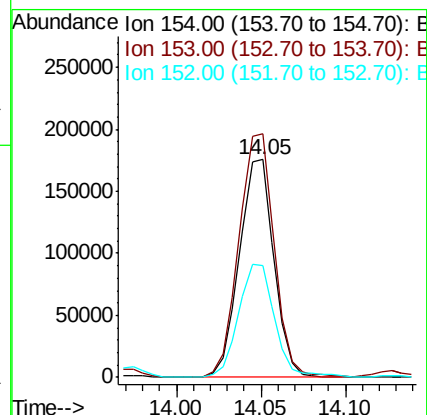
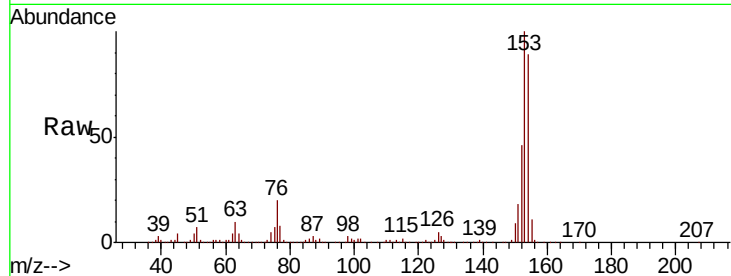
ClientSampled :

E3-41-NHLDL

Tot Ion:	154	Resp:	250464
Ion Ratio	Lower	Upper	
154	100		
153	111.8	88.3	132.5
152	51.6	41.1	61.7

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#55

Dibenzofuran

Concen: 10.337 ng

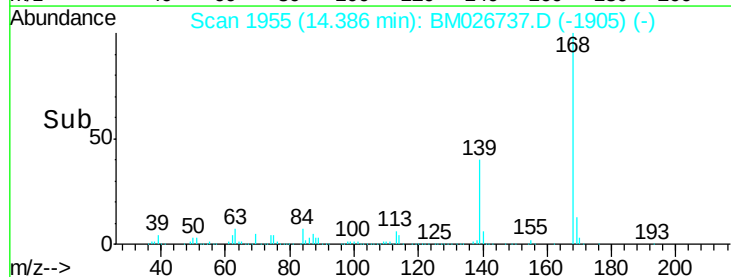
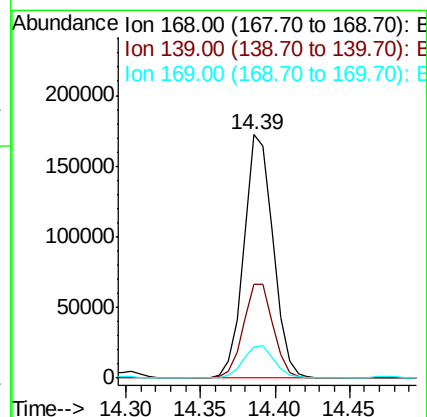
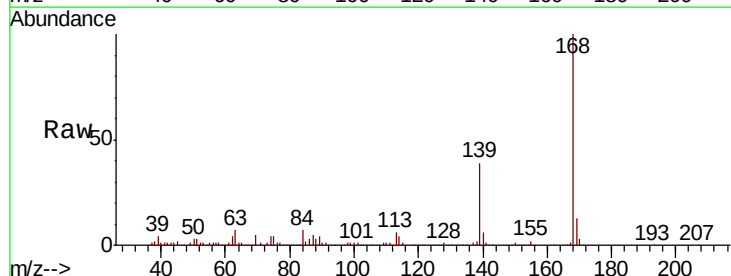
RT: 14.39 min Scan# 1955

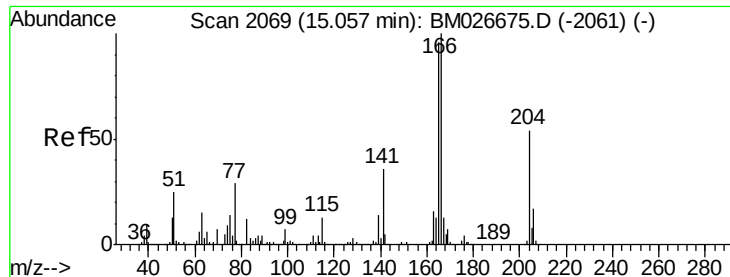
Delta R.T. -0.01 min

Lab File: BM026737.D

Acq: 10 Jul 2020 17:01

Tgt Ion:	168	Resp:	232964
Ion Ratio	Lower	Upper	
168	100		
139	38.8	32.6	48.8
169	12.9	10.5	15.7





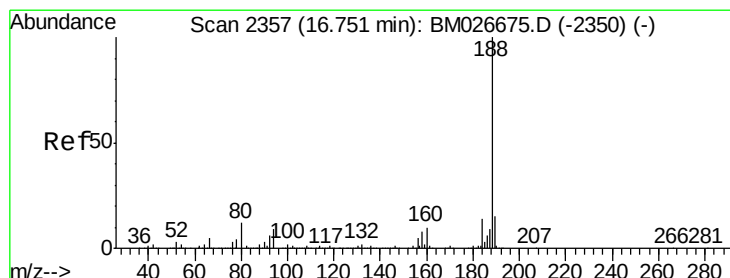
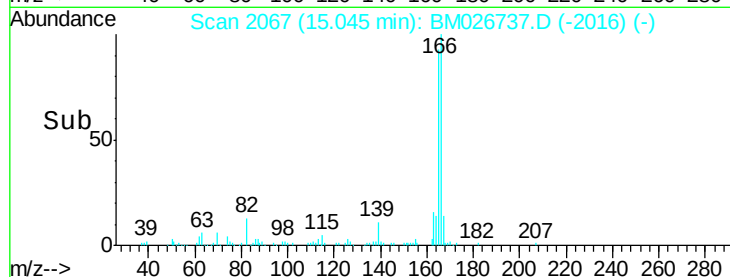
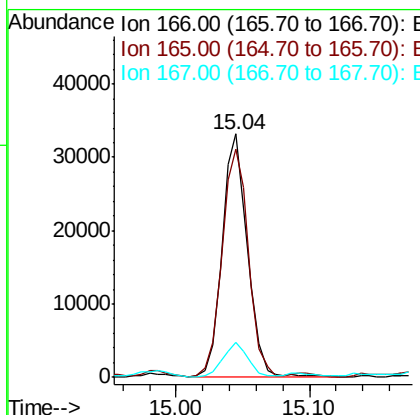
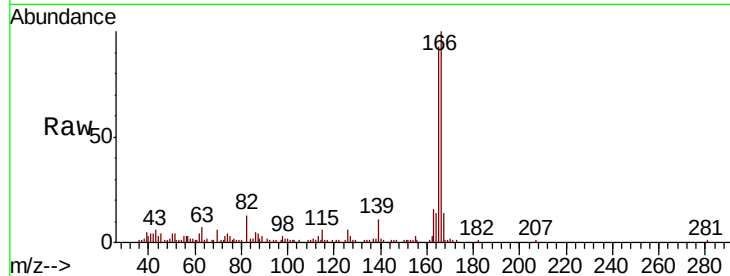
#58
 Fluorene
 Concen: 2.369 ng
 RT: 15.04 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BM026737.D
 Acq: 10 Jul 2020 17:01

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHLDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		44215		
165	93.5	77.1	115.7		
167	14.2	10.8	16.2		

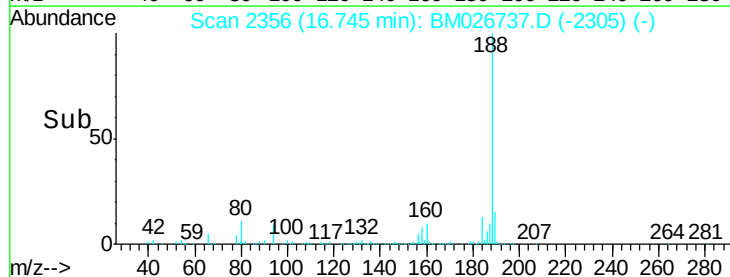
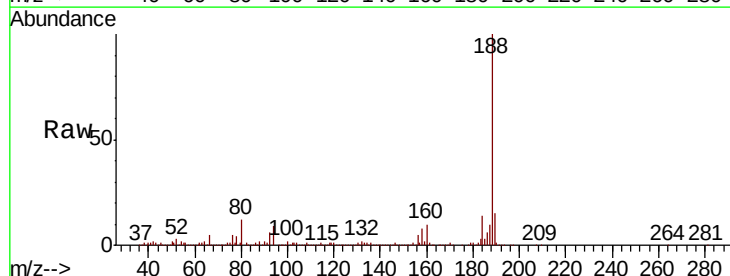
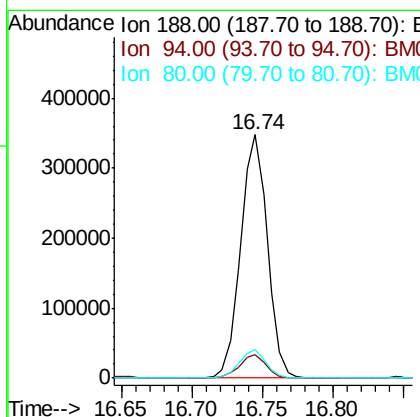
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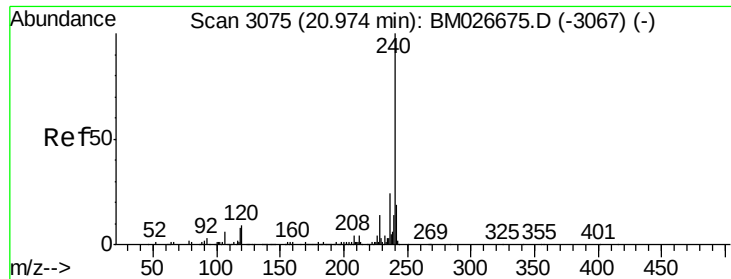
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.74 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BM026737.D
 Acq: 10 Jul 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		458905		
94	9.4	7.4	11.0		
80	11.6	9.3	13.9		





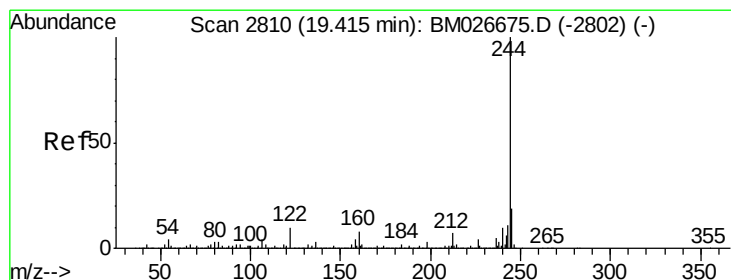
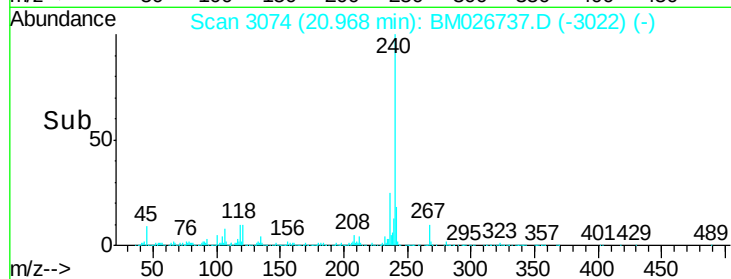
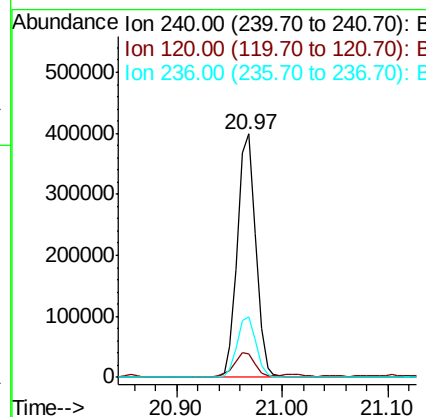
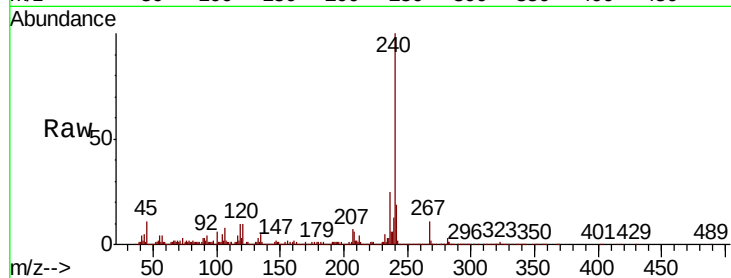
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 20.97 min Scan# 3074
 Delta R.T. 0.01 min
 Lab File: BM026737.D
 Acq: 10 Jul 2020 17:01

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHLDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.3	10.9
236	25.0	19.4	29.2

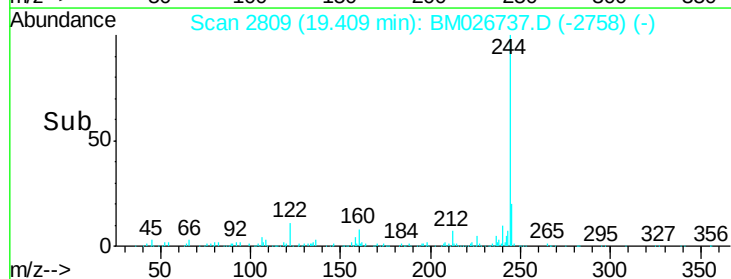
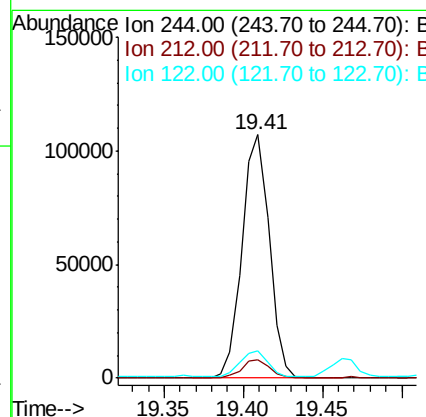
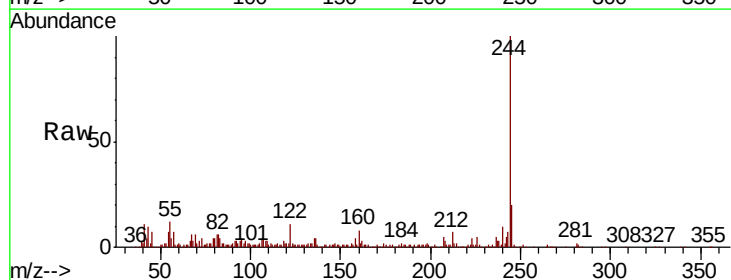
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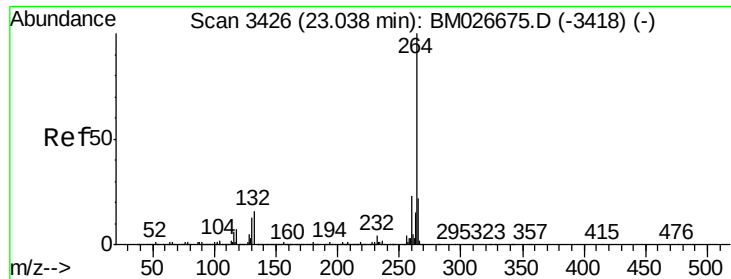
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#79
 Terphenyl-d14
 Concen: 5.307 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BM026737.D
 Acq: 10 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.2	8.2	12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.04 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tot Ion:	264	Resp:	479784
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.2
265	22.3	17.6	26.4

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