

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062219\
 Data File : BM021094.D
 Acq On : 22 Jun 2019 10:46
 Operator : HP/JU
 Sample : K3309-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW001-190610DL

Manual Integrations
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Quant Time: Jun 27 08:42:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	257892	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1115433	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	755389	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1786506	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1411111	20.00	ng	0.00
87) Perylene-d12	23.62	264	1439520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	69519	4.88	ng	0.00
7) Phenol-d6	6.95	99	89405	4.31	ng	0.00
23) Nitrobenzene-d5	8.94	82	158580	7.41	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	129522	9.14	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	491129	7.99	ng	0.00
79) Terphenyl-d14	19.79	244	565782	7.49	ng	0.00
Target Compounds						
10) Phenol	6.97	94	71798	3.388	ng	96
13) 1,4-Dichlorobenzene	7.81	146	169916	7.870	ng	100
14) 1,2-Dichlorobenzene	8.13	146	1158803	54.766	ng	99
17) 2-Methylphenol	8.22	107	92040	6.081	ng	97
20) 3+4-Methylphenols	8.54	107	483950	23.230	ng	96
27) 2,4-Dimethylphenol	9.77	122	86325m	5.701	ng	
31) Naphthalene	10.62	128	563622	9.548	ng	99

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

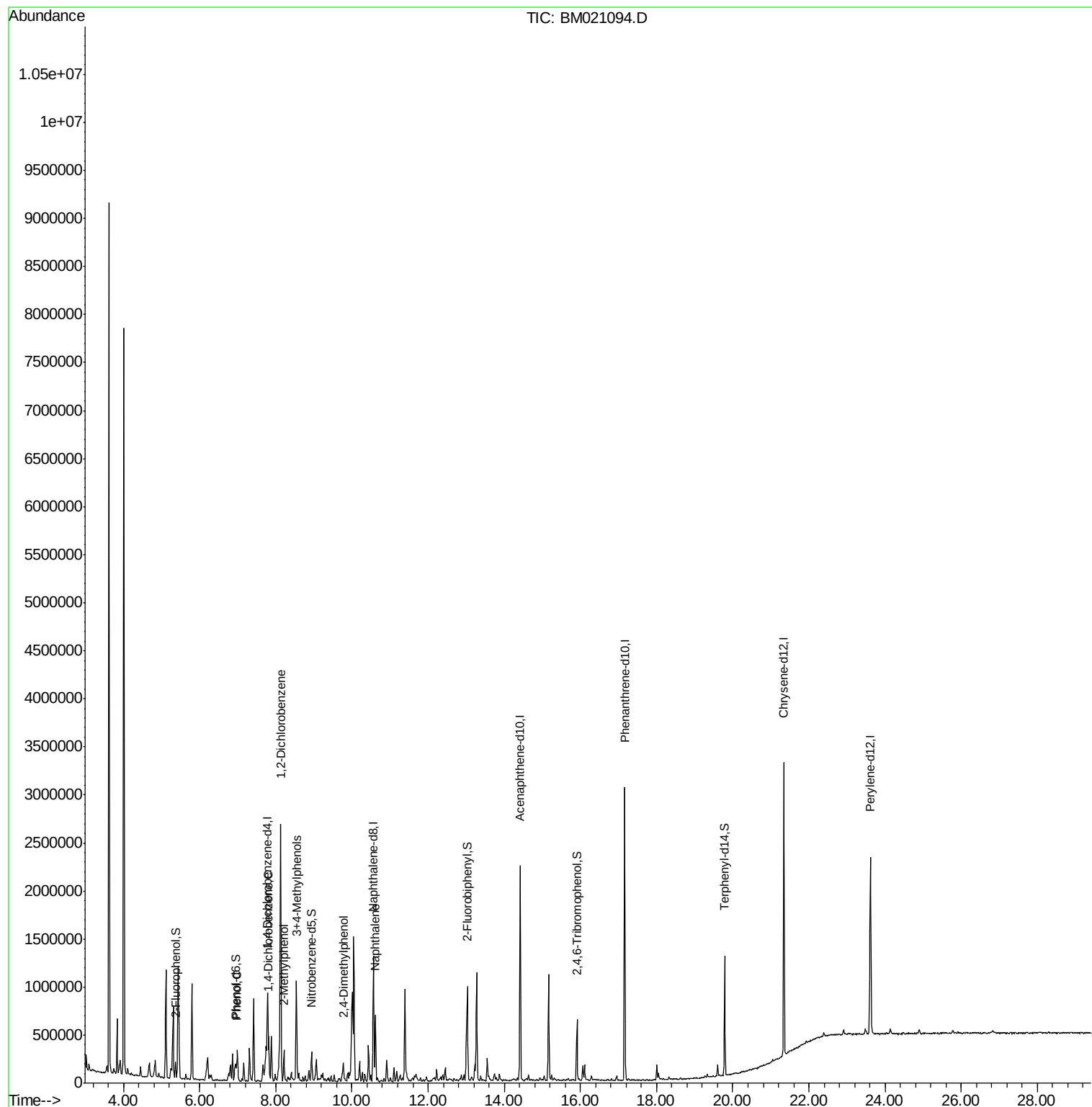
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062219\
Data File : BM021094.D
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ALS Vial : 6 Sample Multiplier: 1

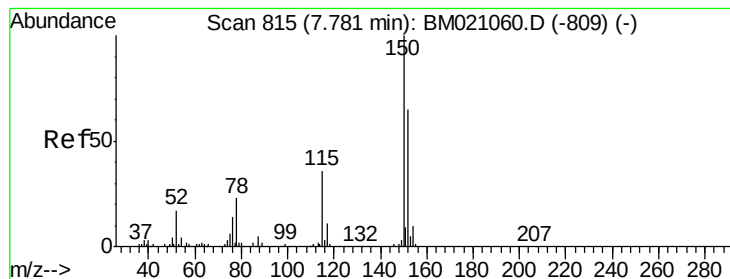
Instrument :
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#1

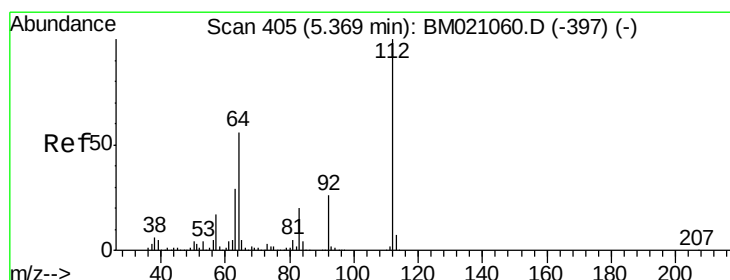
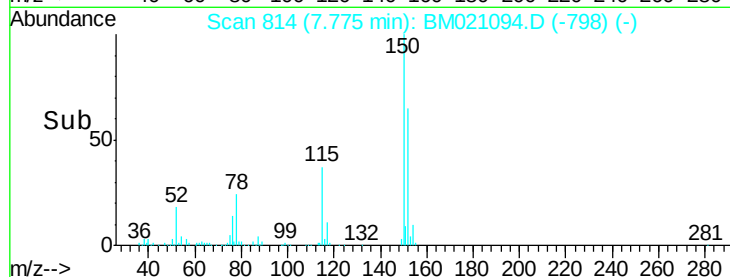
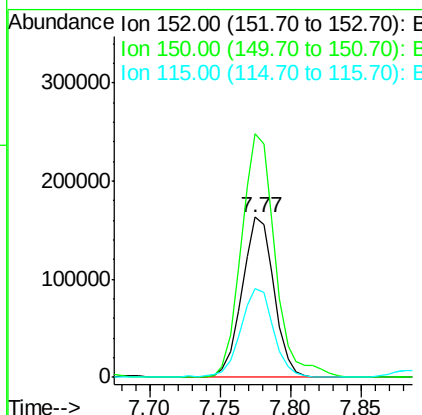
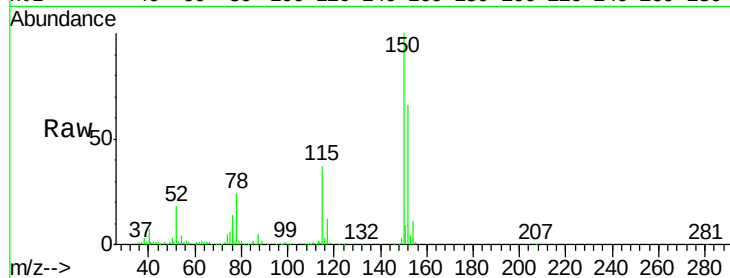
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		257892		
150	152.4	123.1	184.7		
115	55.8	44.2	66.4		

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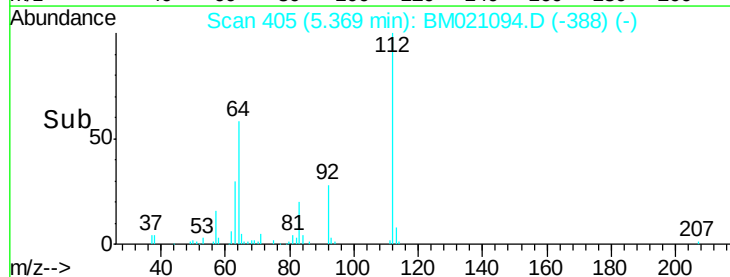
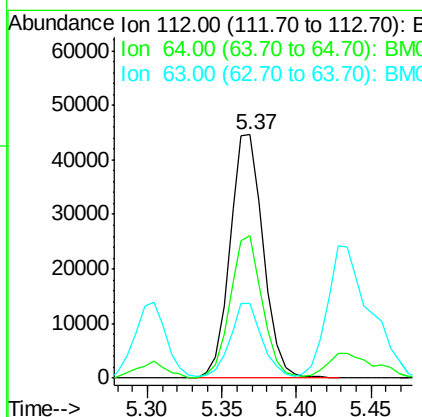
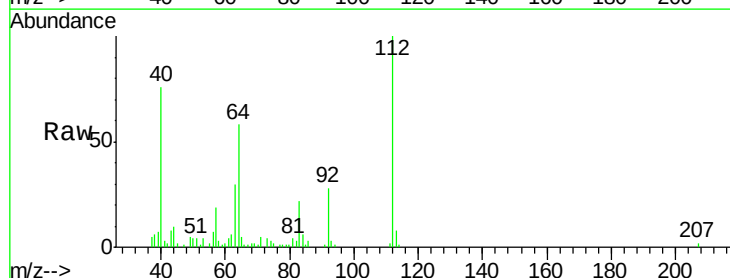
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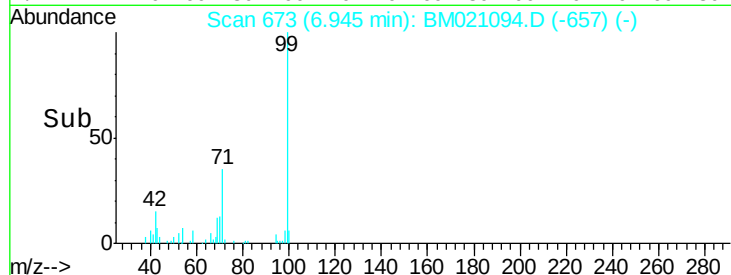
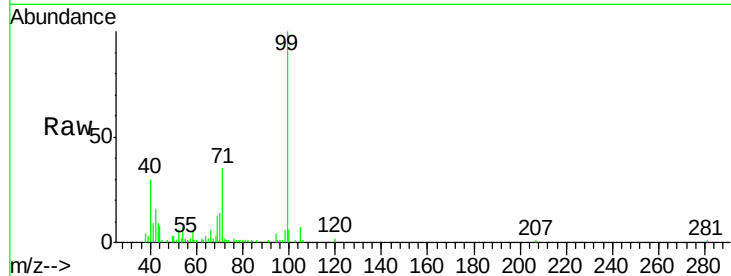
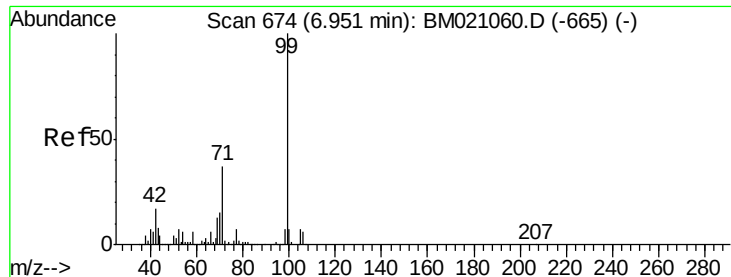


#5

2-Fluorophenol
Concen: 4.881 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		69519		
64	58.5	45.2	67.8		
63	30.4	23.5	35.3		





#7

Phenol-d6

Concen: 4.311 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Tgt Ion:	99	Resp:	89405
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	34.9	29.3	43.9

Instrument :

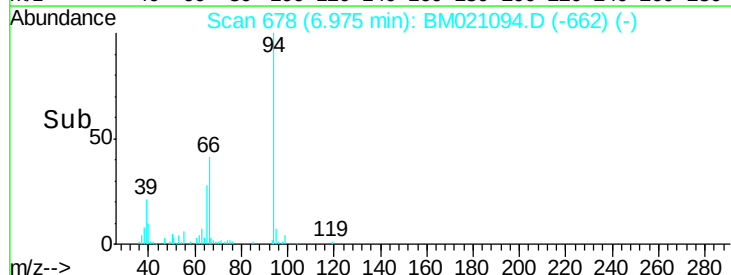
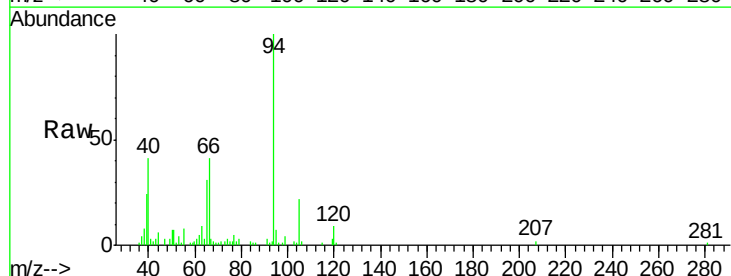
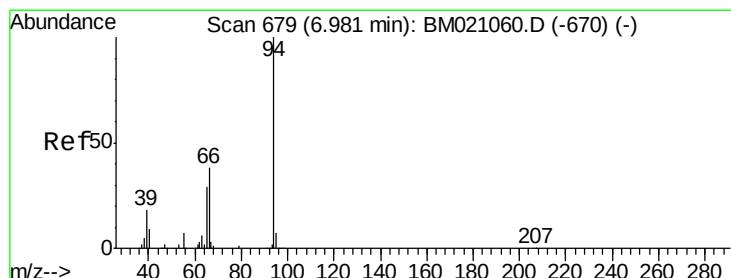
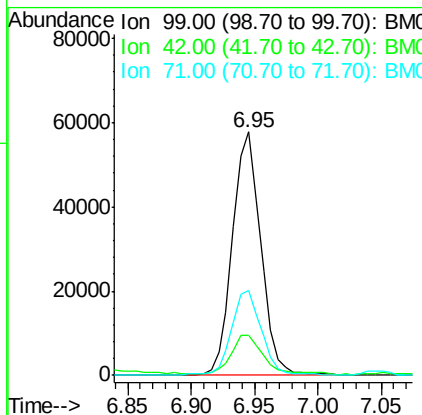
BNA_M

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#10

Phenol

Concen: 3.388 ng

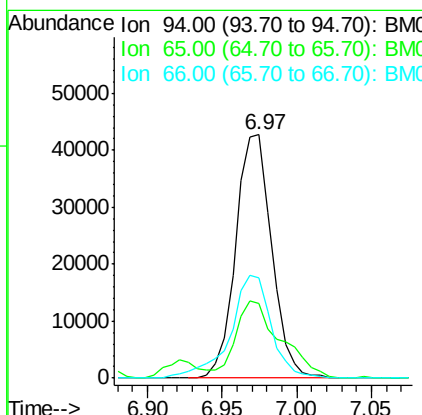
RT: 6.97 min Scan# 678

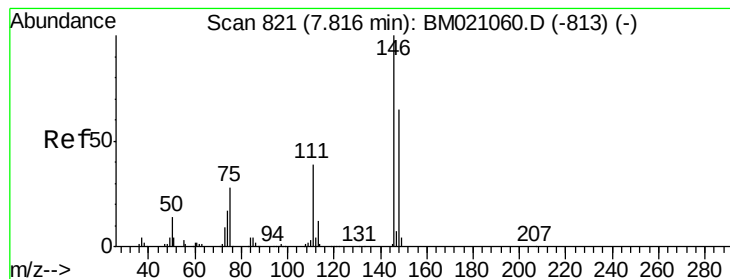
Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Tgt Ion:	94	Resp:	71798
Ion	Ratio	Lower	Upper
94	100		
65	30.8	8.7	48.7
66	41.1	19.0	59.0





#13

1,4-Dichlorobenzene

Concen: 7.870 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Instrument :

BNA_M

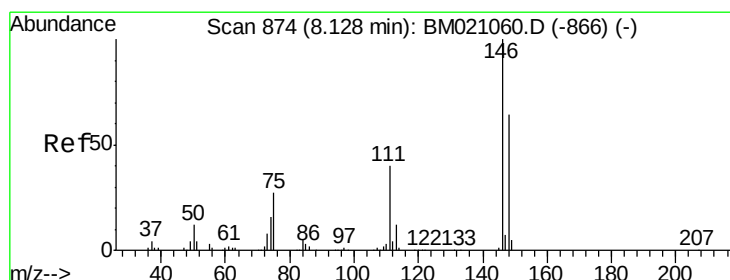
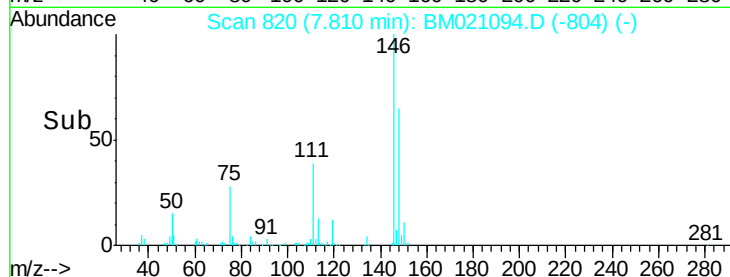
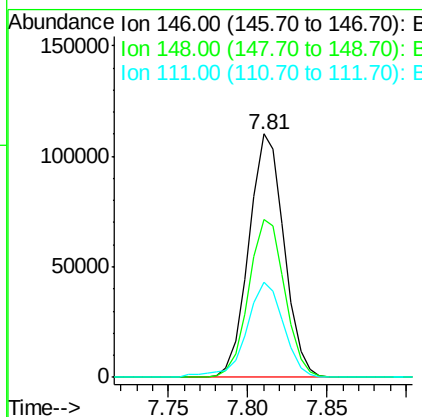
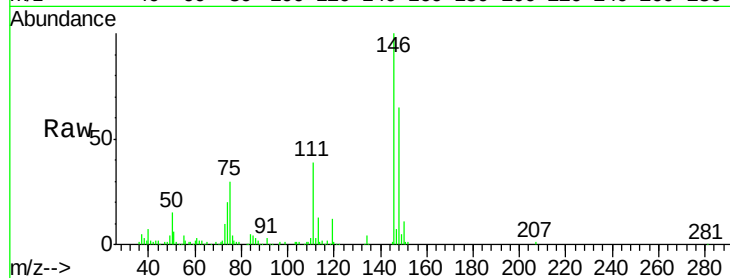
ClientSampleId :

LF001MW001-190610DL

Tgt Ion:	146	Resp:	169916
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
111	39.3	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 54.766 ng

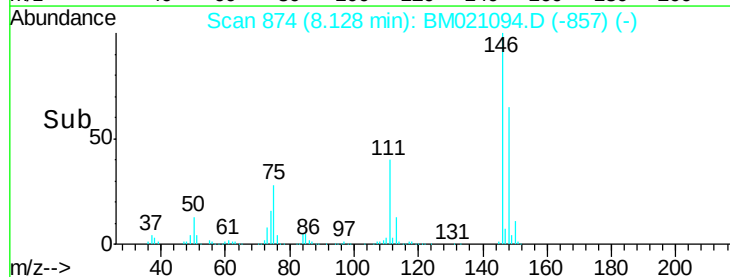
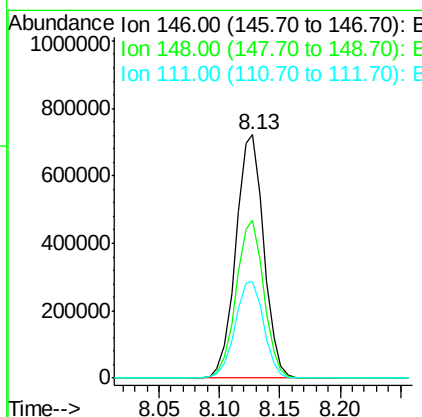
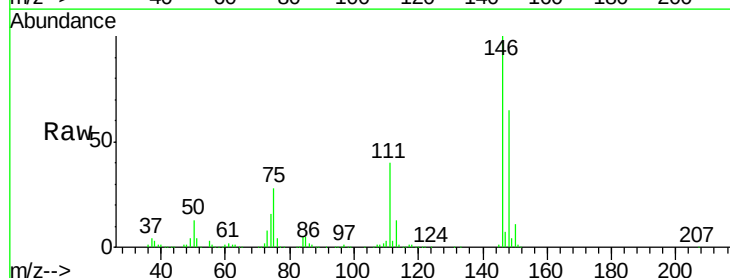
RT: 8.13 min Scan# 874

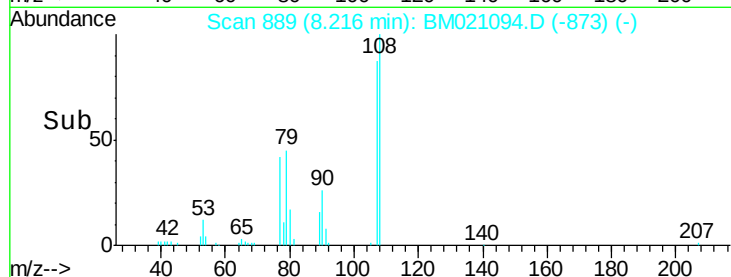
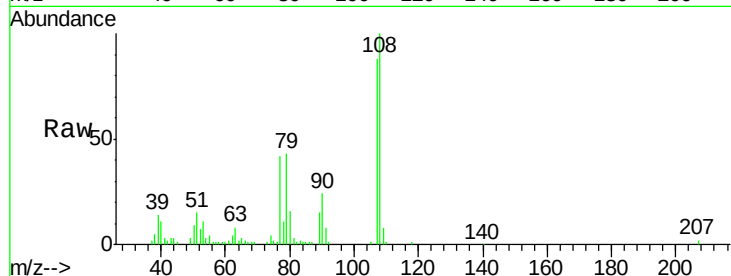
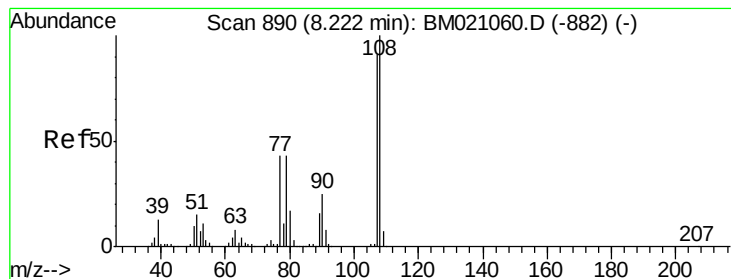
Delta R.T. -0.00 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Tgt Ion:	146	Resp:	1158803
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.2	76.8
111	39.6	32.8	49.2





#17

2-Methylphenol

Concen: 6.081 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Tgt Ion:	107	Resp:	92040
Ion Ratio	Lower	Upper	
107	100		
108	114.2	87.5	131.3
77	48.3	37.8	56.8
79	48.8	37.5	56.3

Instrument :

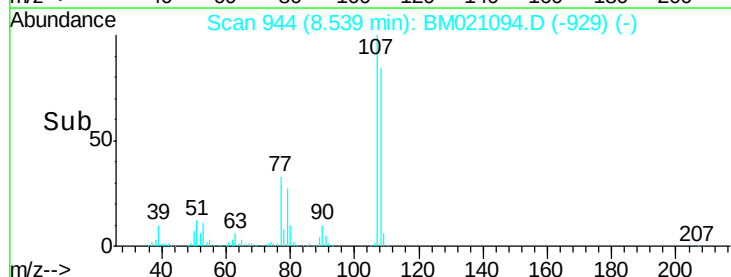
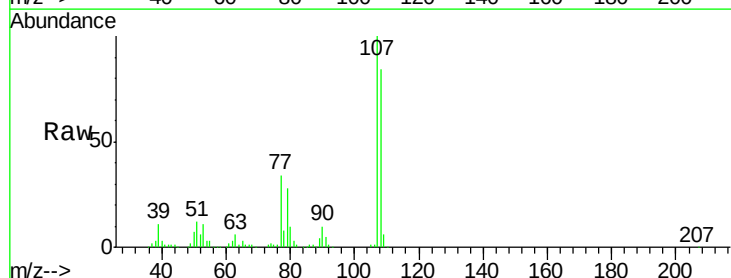
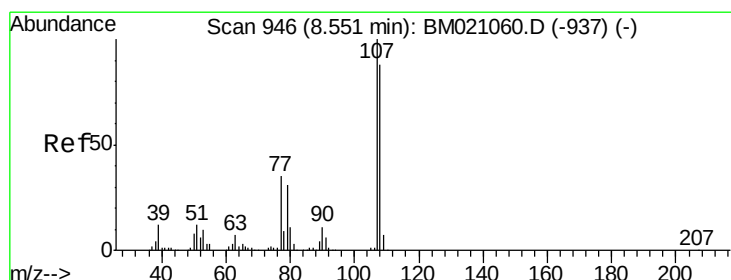
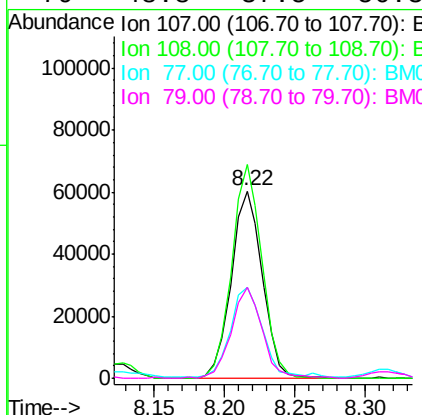
BNA_M

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 23.230 ng

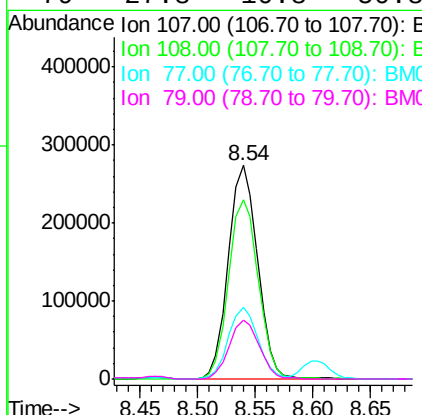
RT: 8.54 min Scan# 944

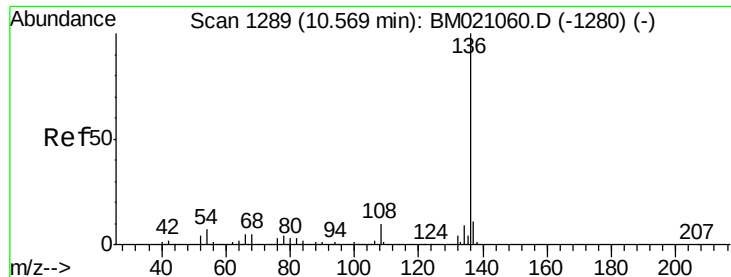
Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Tgt Ion:	107	Resp:	483950
Ion Ratio	Lower	Upper	
107	100		
108	84.0	67.9	107.9
77	33.7	14.6	54.6
79	27.8	10.8	50.8





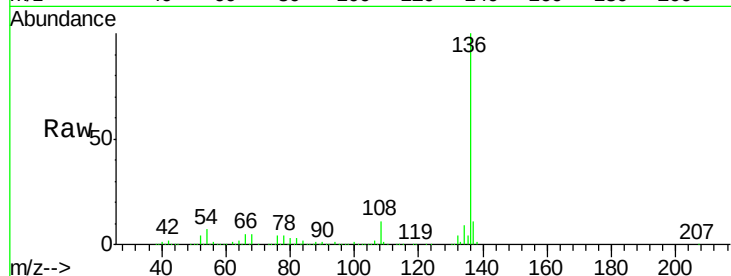
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

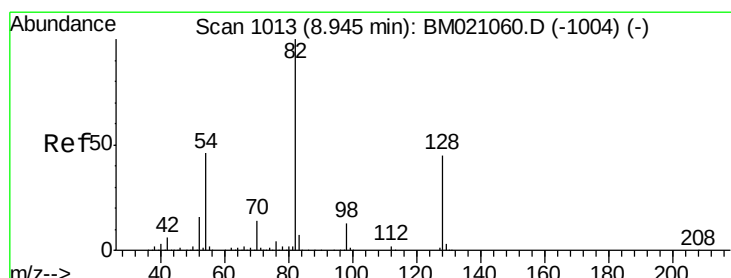
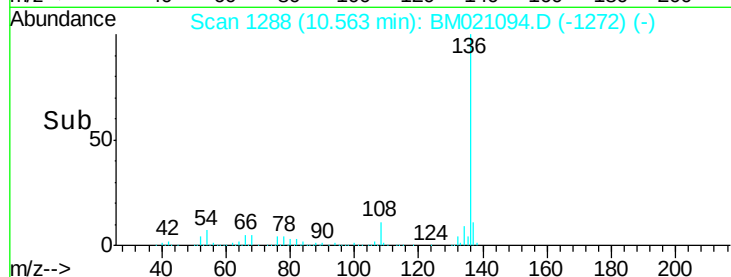
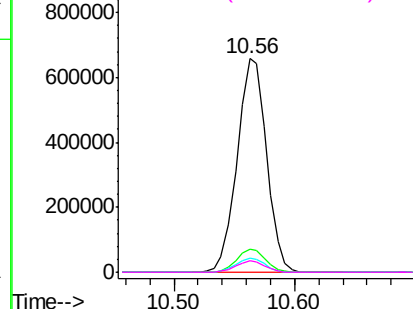
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.6	5.3	7.9
68	5.2	4.4	6.6

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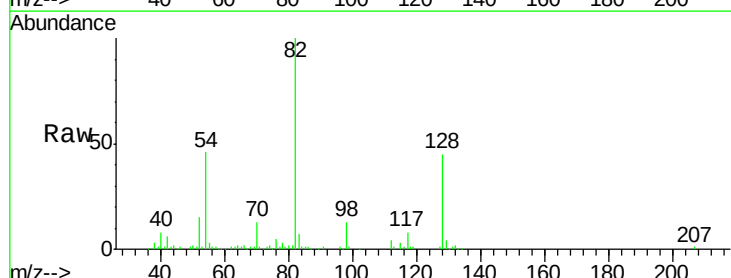


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

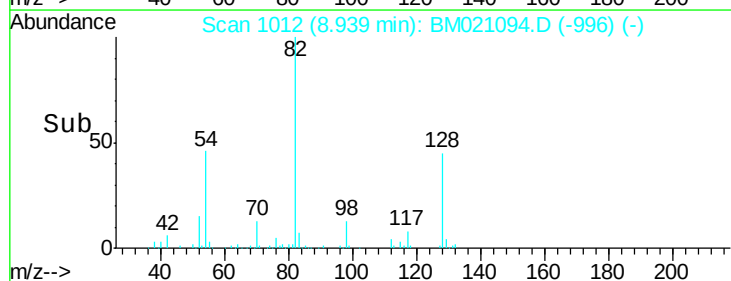
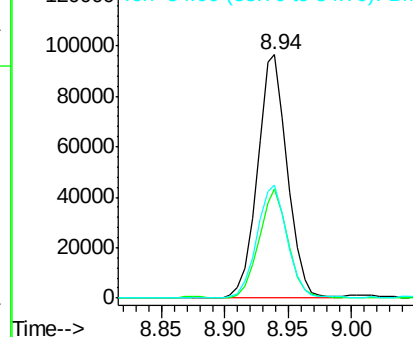


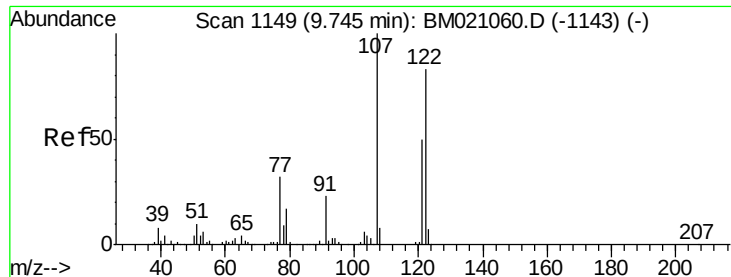
#23
Nitrobenzene-d5
Concen: 7.409 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.9	53.9
54	46.5	36.6	55.0



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





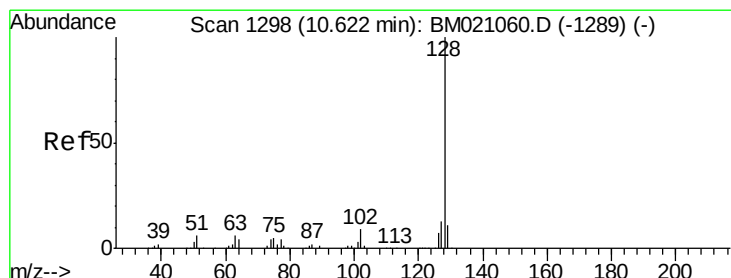
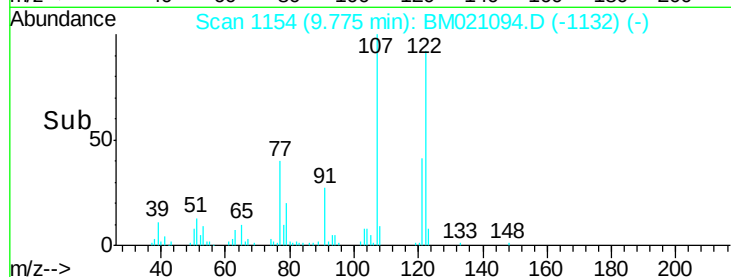
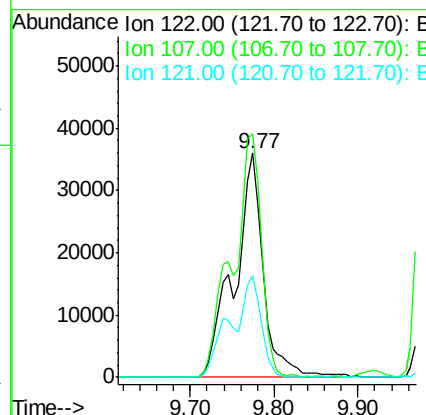
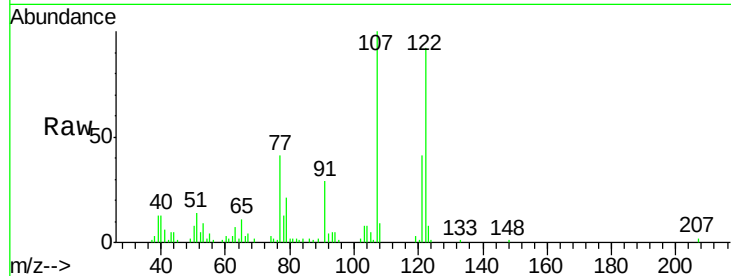
#27
2,4-Dimethylphenol
Concen: 5.701 ng m
RT: 9.77 min Scan# 1154
Delta R.T. 0.03 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
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LF001MW001-190610DL

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	86325		
107	108.7	95.3	142.9	
121	45.1	47.5	71.3#	

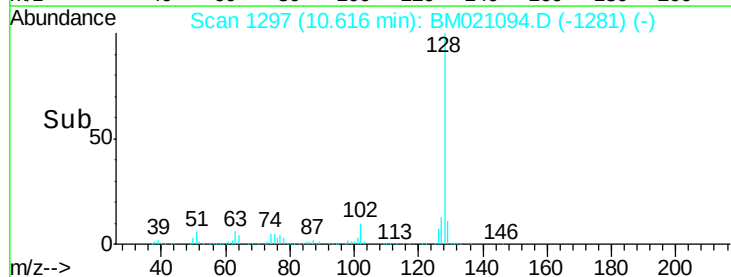
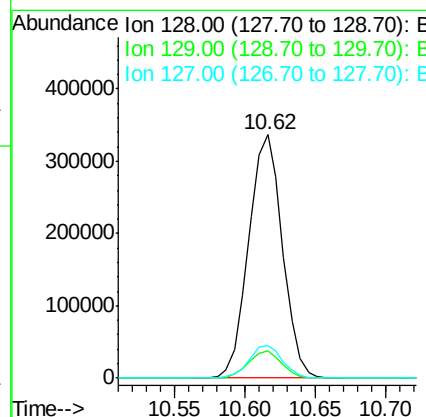
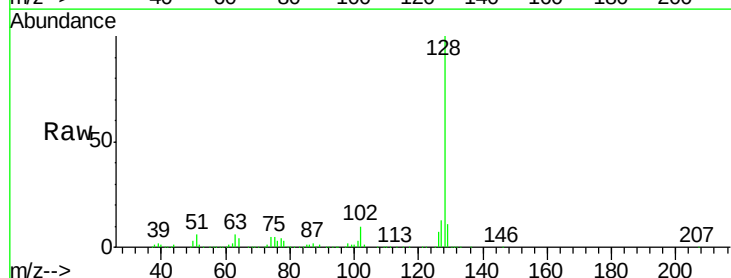
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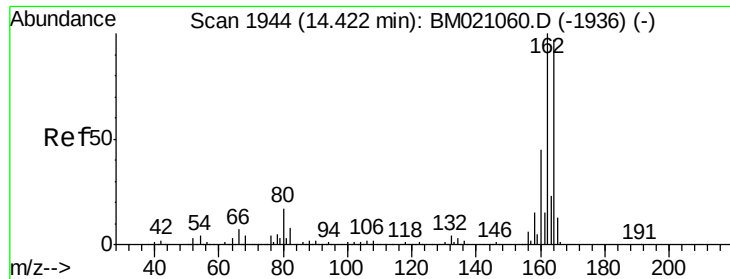
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#31
Naphthalene
Concen: 9.548 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	563622		
129	11.2	8.6	13.0	
127	13.3	10.8	16.2	





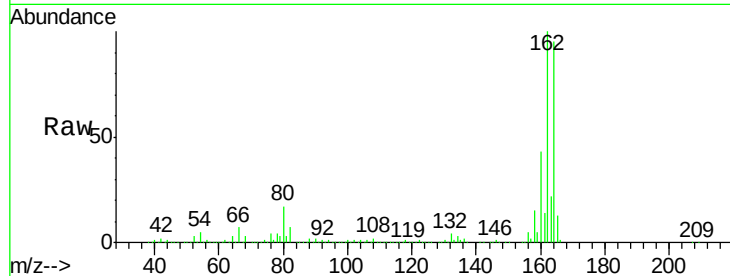
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

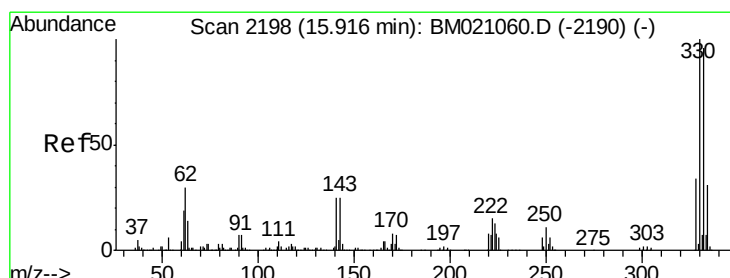
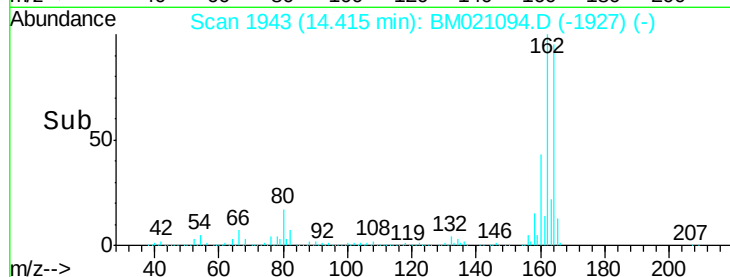
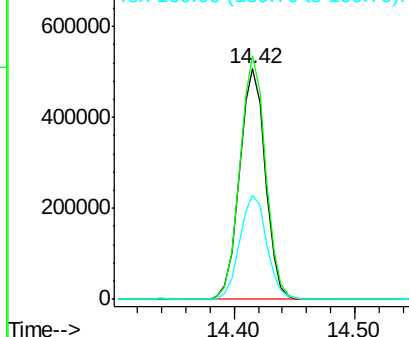
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	755389		
162	105.5	82.1	123.1	
160	45.2	37.1	55.7	

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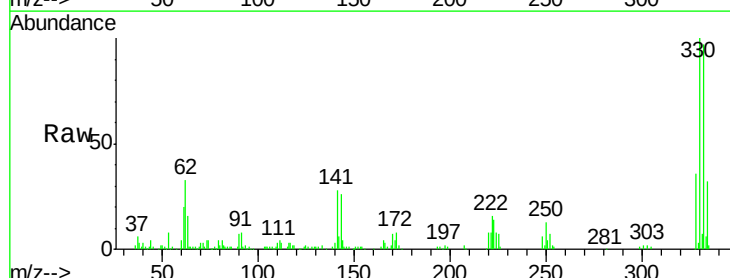


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

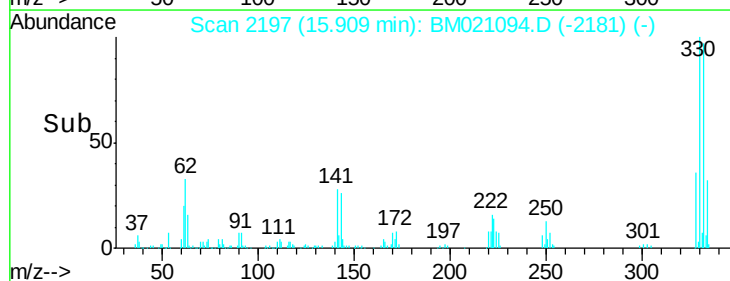
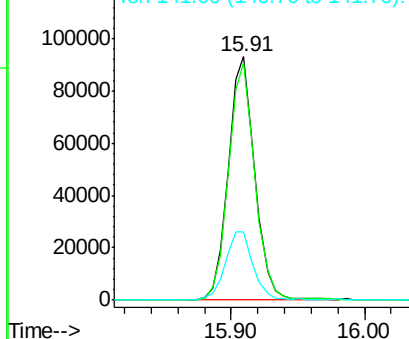


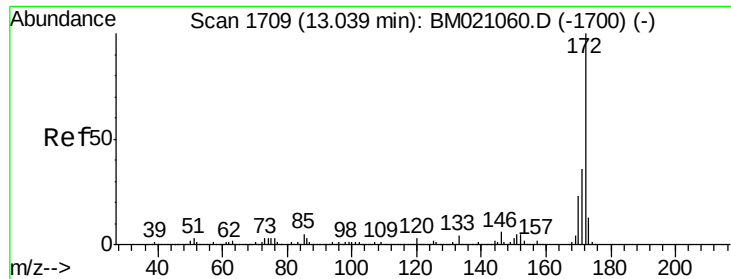
#42
2,4,6-Tribromophenol
Concen: 9.138 ng
RT: 15.91 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	129522		
332	97.2	77.1	115.7	
141	29.8	21.8	32.8	



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





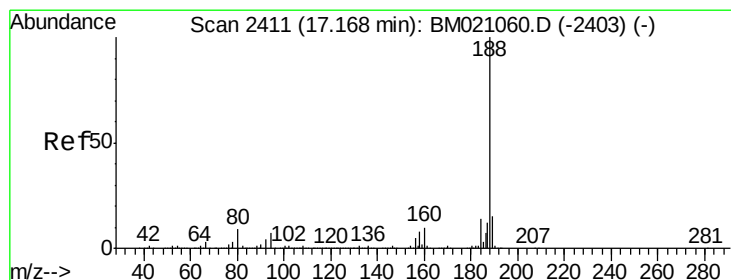
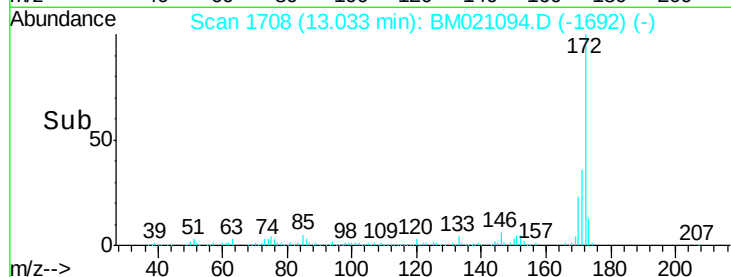
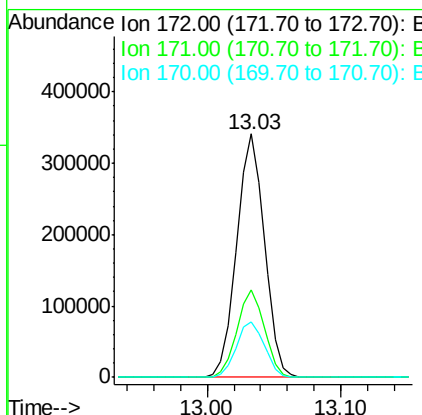
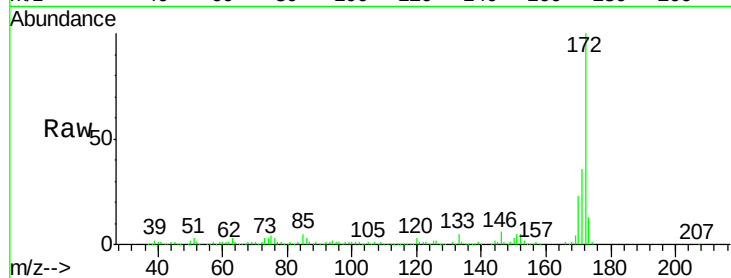
#45
2-Fluorobiphenyl
Concen: 7.991 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.0	18.7	28.1

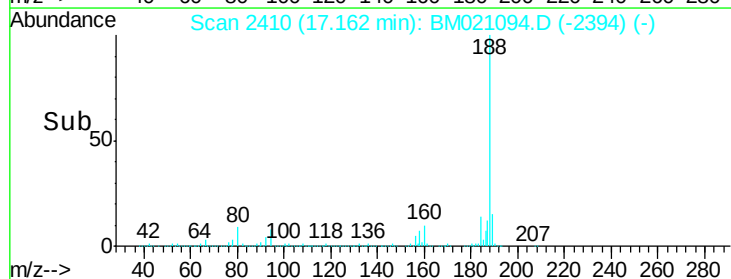
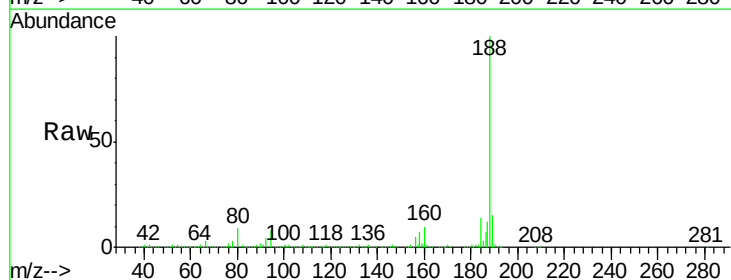
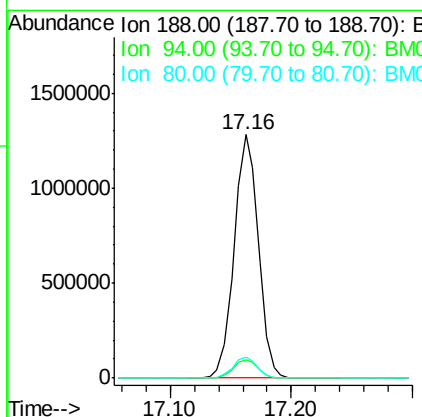
Manual Integrations
APPROVED

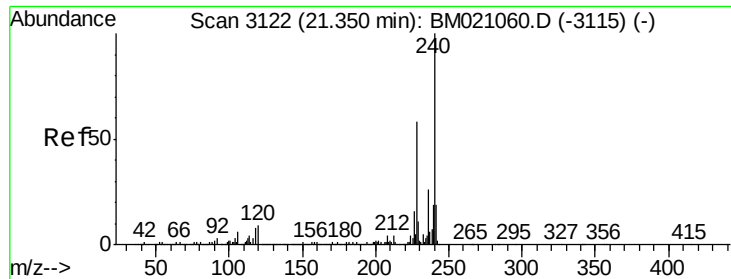
mohammad
6/26/2019 1:57:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.8
80	8.5	6.9	10.3





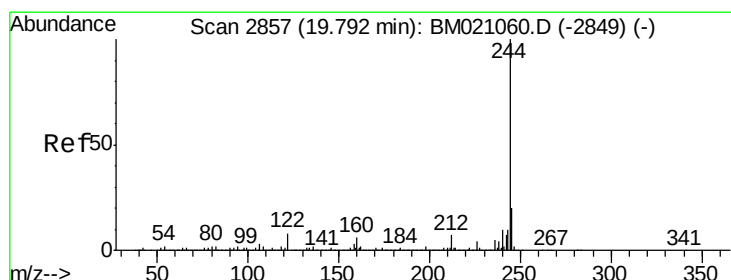
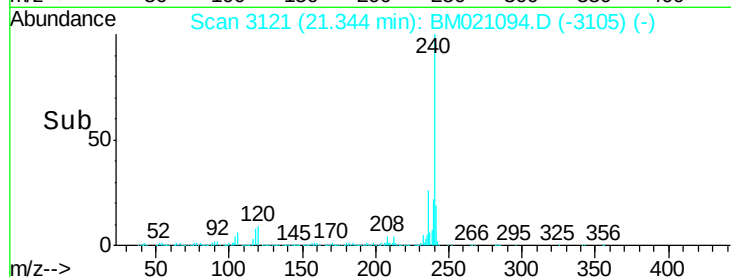
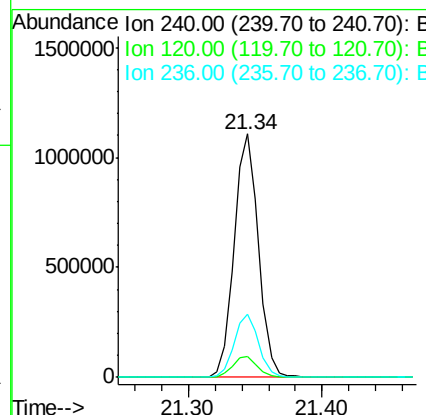
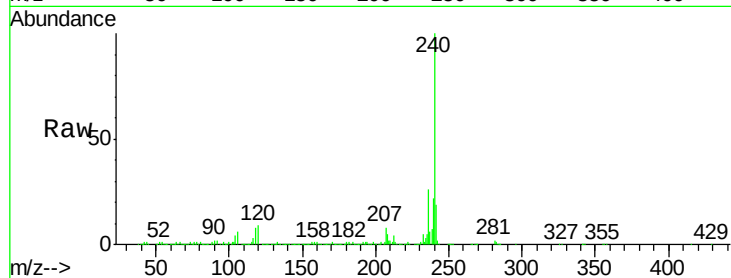
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.0	20.4	30.6

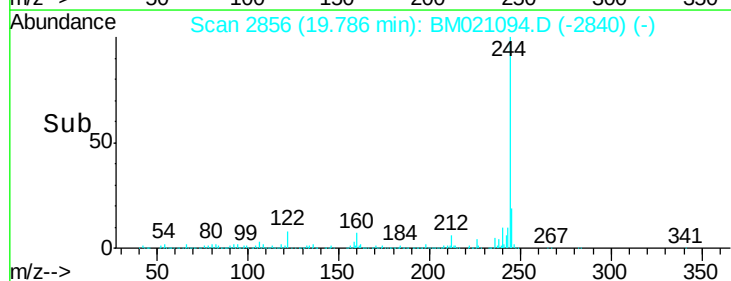
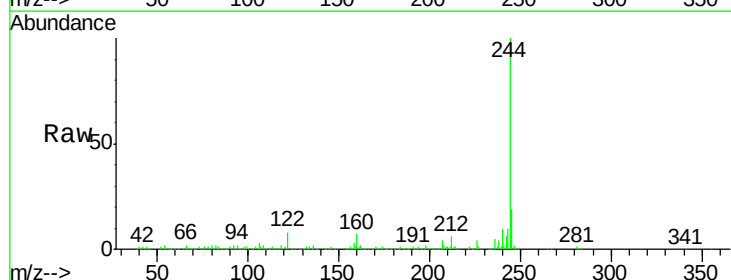
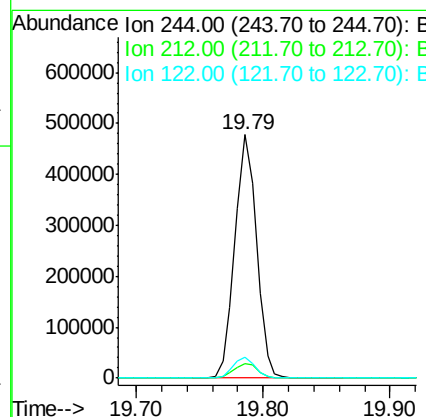
Manual Integrations
APPROVED

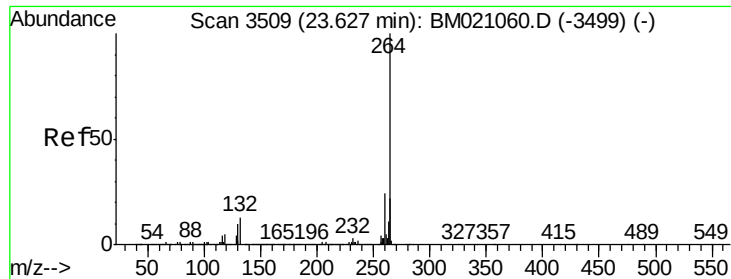
mohammad
6/26/2019 1:57:35 PM



#79
Terphenyl-d14
Concen: 7.489 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.3	7.9
122	8.5	6.6	9.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

Tgt Ion:	264	Resp:	1439520
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.4
265	21.7	17.7	26.5

Manual Integrations
APPROVED

mohammad
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