

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026840.D
 Acq On : 22 Jul 2020 19:53
 Operator : JU/CG
 Sample : L3365-04 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 52-09-57

Manual Integrations
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Quant Time: Jul 23 02:59:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	83433	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	307942	20.00	ng	0.00
39) Acenaphthene-d10	13.96	164	163267	20.00	ng	0.00
64) Phenanthrene-d10	16.72	188	329139	20.00	ng	0.00
76) Chrysene-d12	20.94	240	400637	20.00	ng	0.00
86) Perylene-d12	23.01	264	439382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	216434	43.48	ng	0.00
7) Phenol-d6	6.51	99	277332	34.97	ng	0.00
23) Nitrobenzene-d5	8.44	82	195819	27.13	ng	0.00
42) 2,4,6-Tribromophenol	15.47	330	75214	31.63	ng	0.00
45) 2-Fluorobiphenyl	12.57	172	340254	27.71	ng	0.00
79) Terphenyl-d14	19.38	244	472040	23.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.44	163	47598	3.408	ng	97
71) Phenanthrene	16.76	178	394617	20.309	ng	99
72) Anthracene	16.85	178	84838	4.386	ng	97
73) Carbazole	17.14	167	37587	2.038	ng	98
75) Fluoranthene	18.79	202	779693	32.579	ng	99
78) Pyrene	19.16	202	692166	27.426	ng	99
81) Benzo(a)anthracene	20.93	228	428032	15.905	ng	99
83) Chrysene	20.98	228	414664	15.831	ng	96
87) Indeno(1,2,3-cd)pyrene	24.99	276	326304	10.432	ng	96
88) Benzo(b)fluoranthene	22.41	252	637877m	22.033	ng	
89) Benzo(k)fluoranthene	22.44	252	165807m	5.839	ng	
90) Benzo(a)pyrene	22.92	252	442408	16.461	ng	96
91) Dibenzo(a,h)anthracene	24.99	278	89055	3.373	ng	# 82
92) Benzo(a,h,i)perylene	25.60	276	328312	13.494	ng	99

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

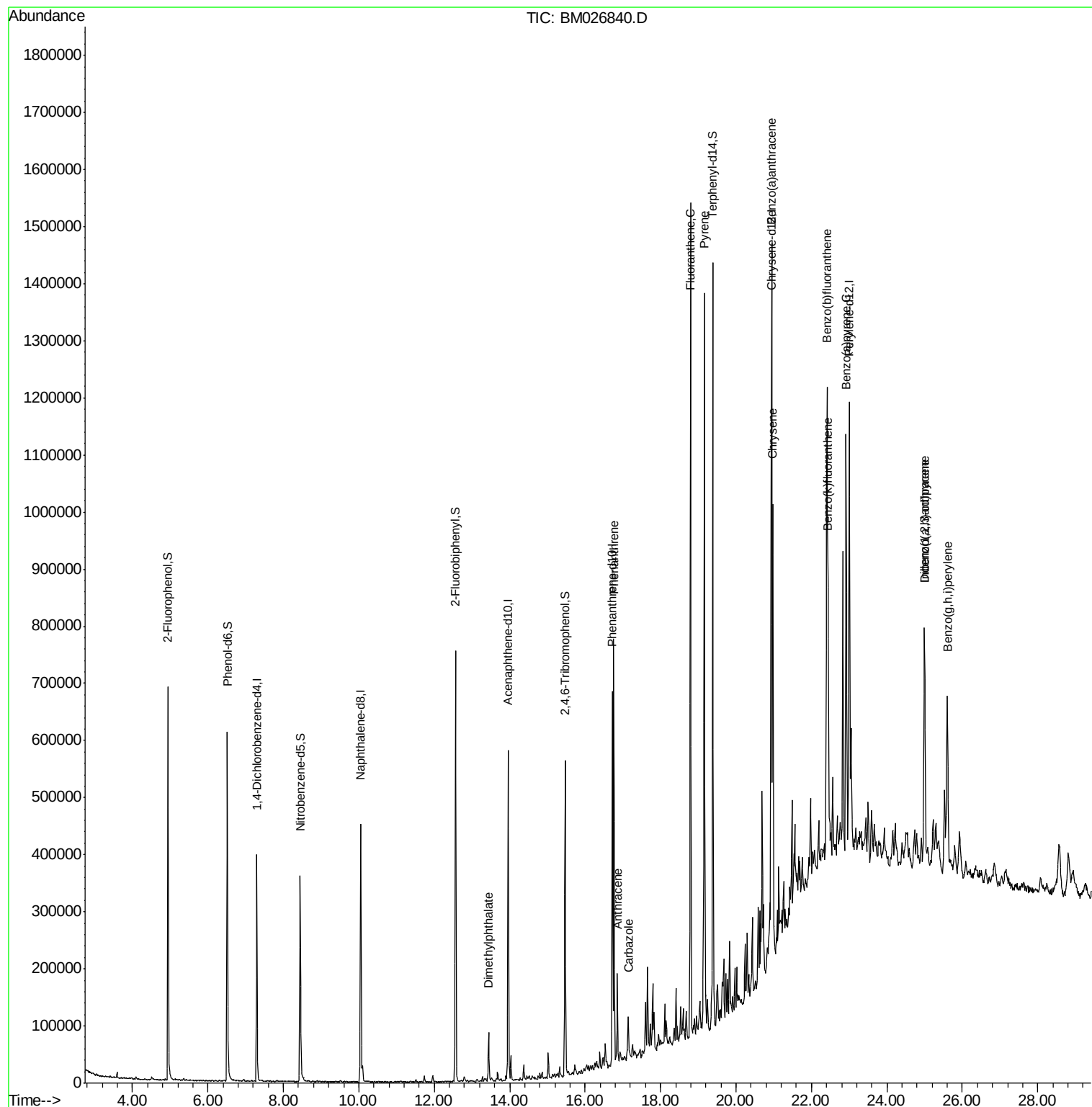
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
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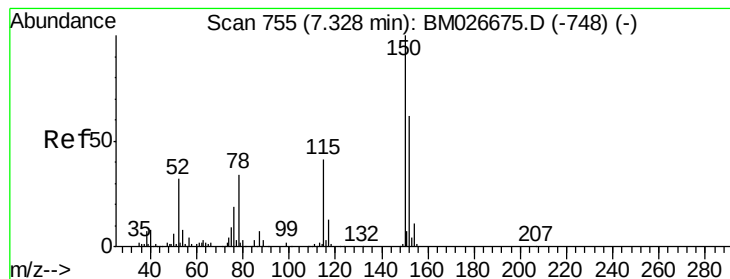
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

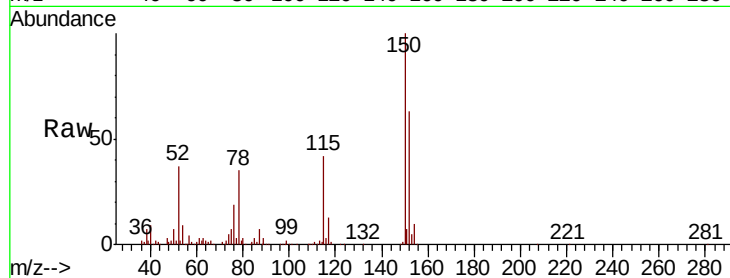
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampled :
52-09-57

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.1	192.1
115	66.0	52.2	78.4

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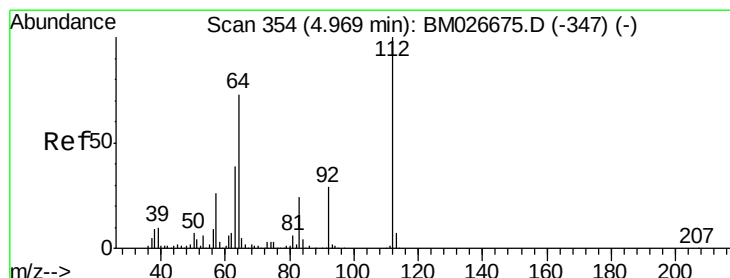
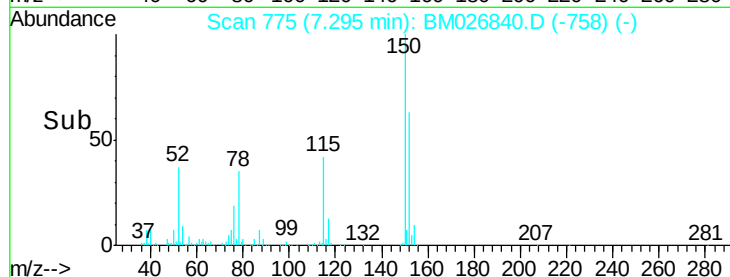
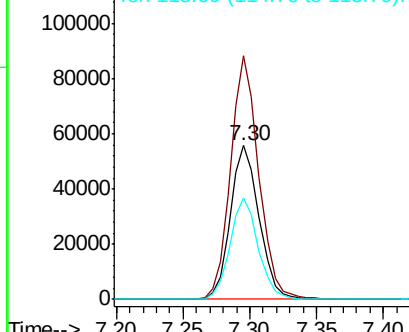


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

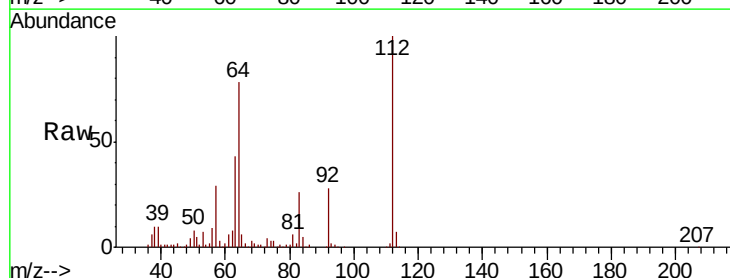
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.480 ng
RT: 4.94 min Scan# 375
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	58.4	87.6
63	43.2	31.5	47.3

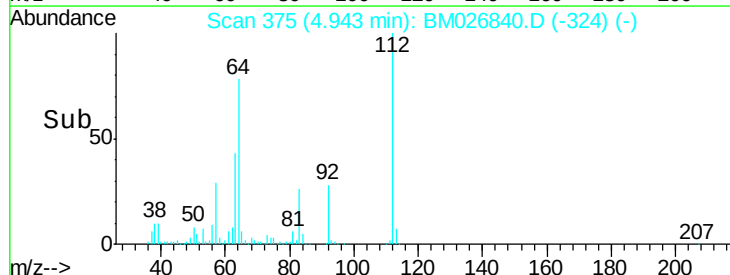
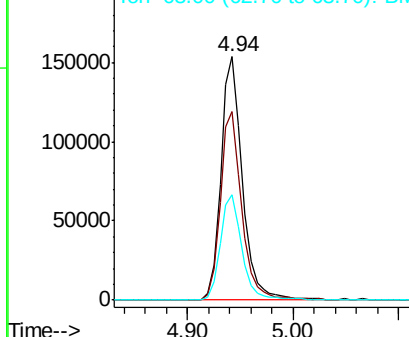


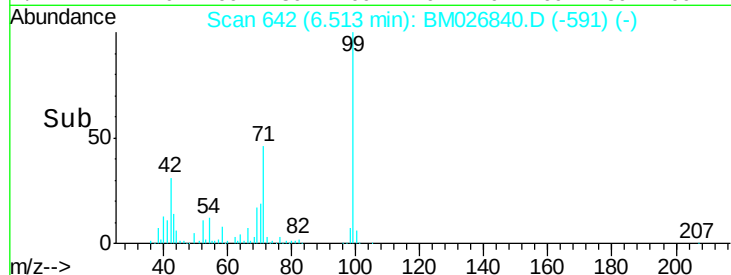
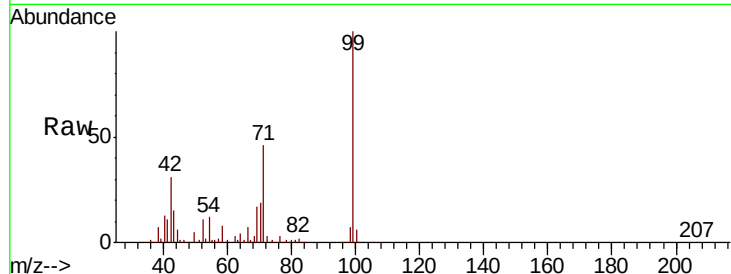
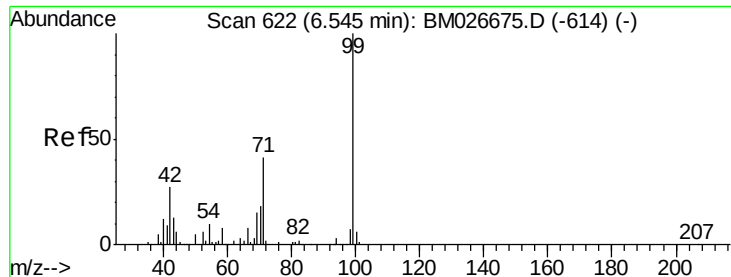
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 34.968 ng

RT: 6.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM026840.D

Acq: 22 Jul 2020 19:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		277332		
42	30.9	21.7	32.5		
71	46.3	33.2	49.8		

Instrument :

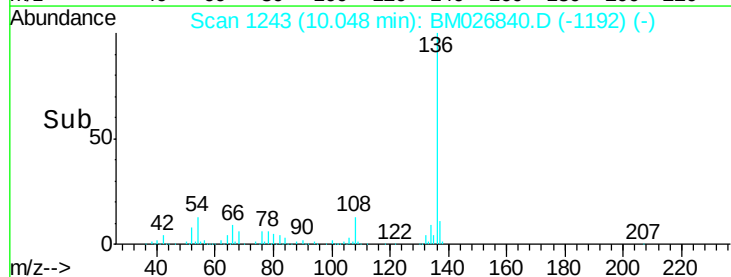
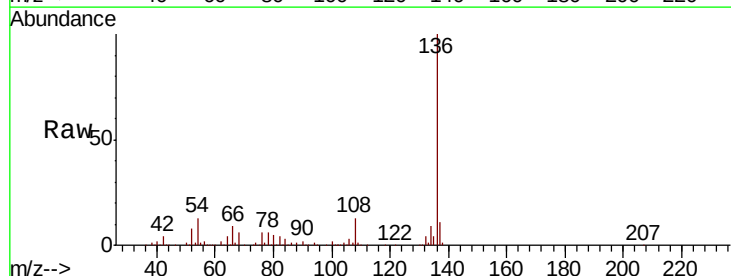
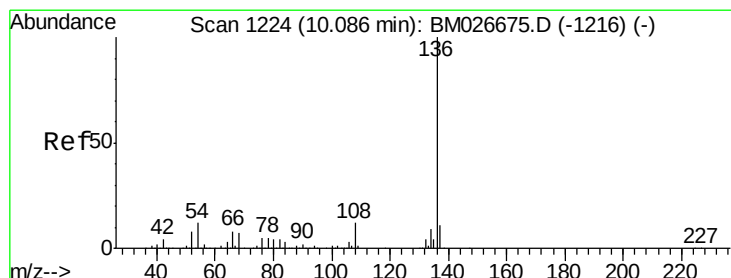
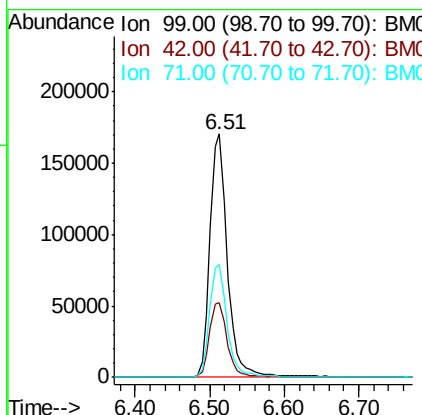
BNA_M

ClientSampled :

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#21

Naphthalene-d8

Concen: 20.000 ng

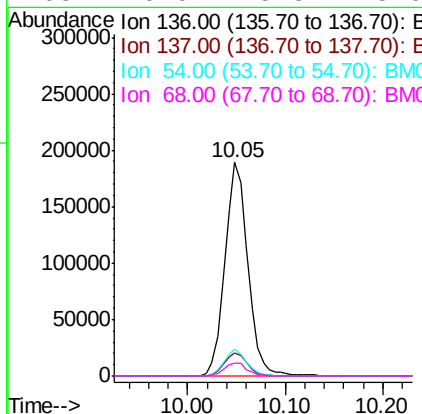
RT: 10.05 min Scan# 1243

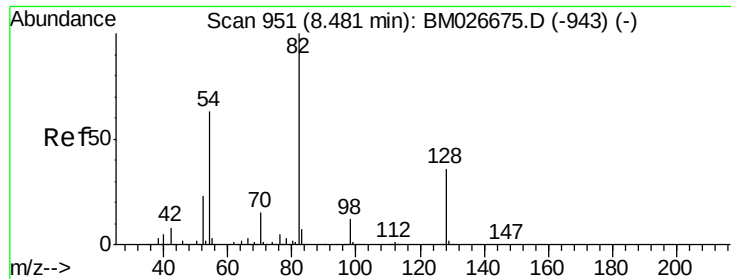
Delta R.T. 0.00 min

Lab File: BM026840.D

Acq: 22 Jul 2020 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		307942		
137	10.9	8.6	12.8		
54	12.6	9.8	14.6		
68	6.0	5.8	8.6		





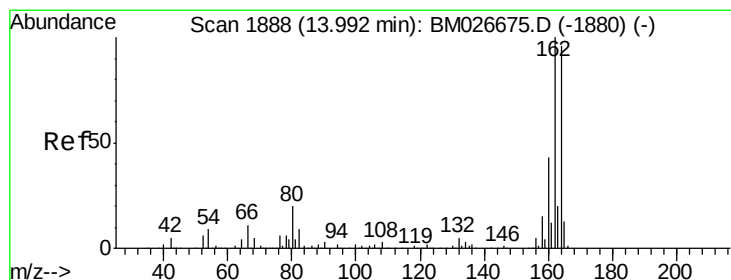
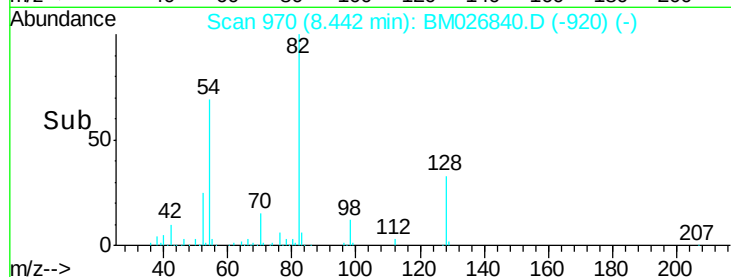
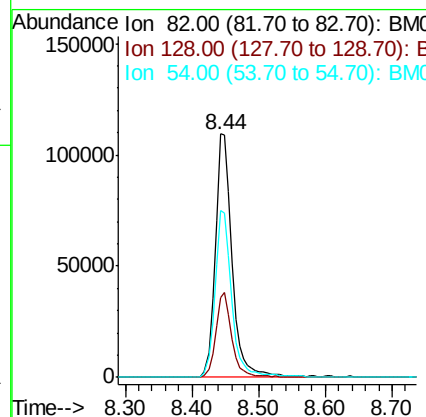
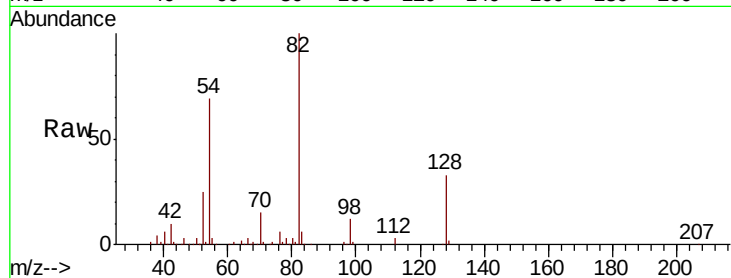
#23
 Nitrobenzene-d5
 Concen: 27.129 ng
 RT: 8.44 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Instrument :
 BNA_M
 ClientSampled :
 52-09-57

Tot Ion	Ratio	Resp	Lower	Upper
82	100	195819		
128	32.6	29.1	43.7	
54	68.7	50.2	75.4	

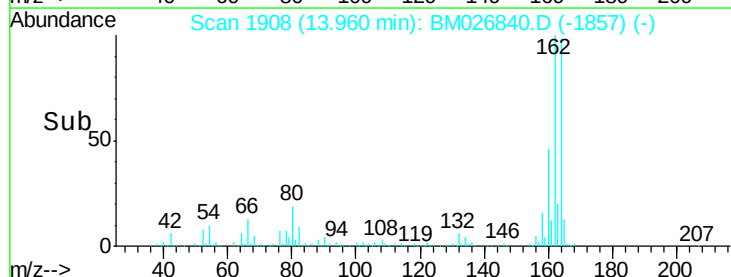
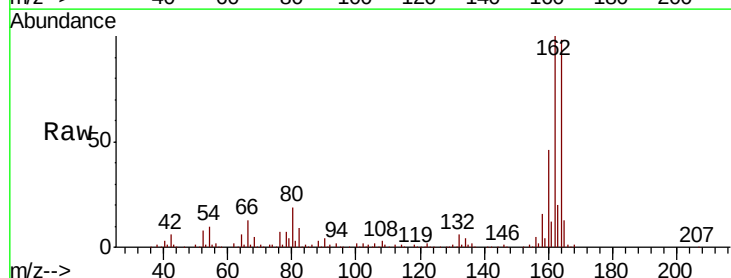
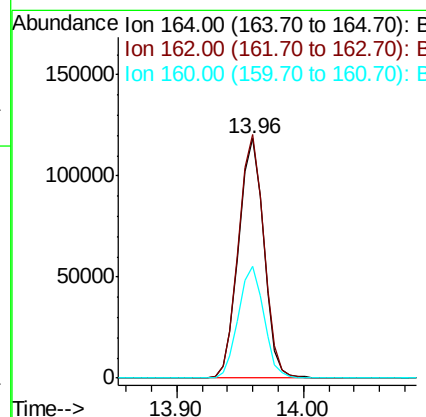
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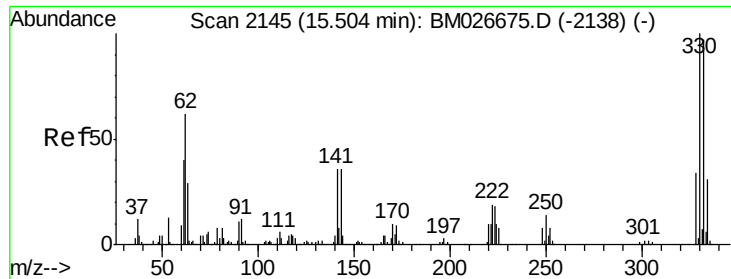
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163267		
162	101.8	83.7	125.5	
160	46.6	36.2	54.2	





#42

2,4,6-Tribromophenol

Concen: 31.625 ng

RT: 15.47 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM026840.D

Acq: 22 Jul 2020 19:53

Instrument :

BNA_M

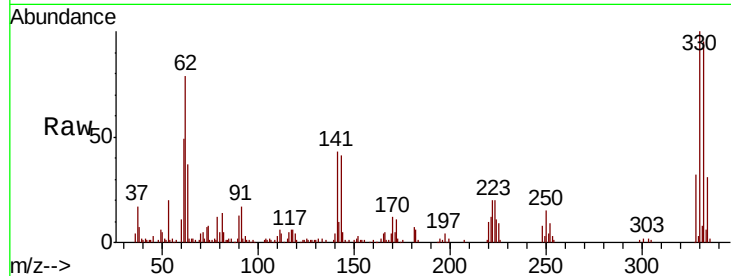
ClientSampled :

52-09-57

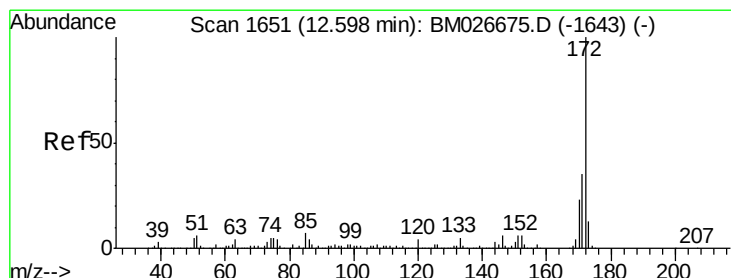
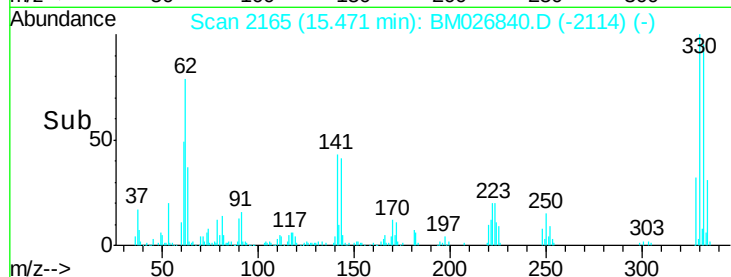
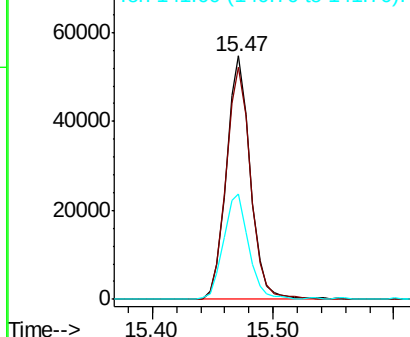
Tot Ion:	330	Resp:	75214
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.5	116.3
141	45.6	32.4	48.6

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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: 27.710 ng

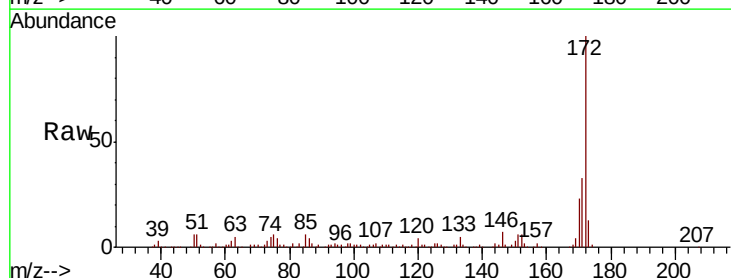
RT: 12.57 min Scan# 1671

Delta R.T. 0.00 min

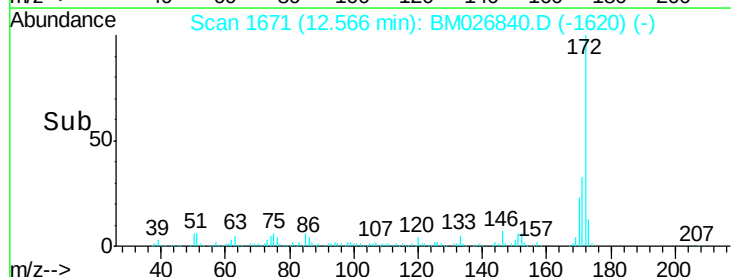
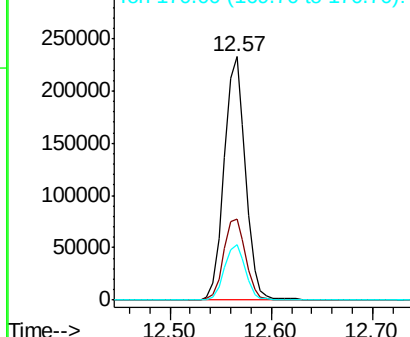
Lab File: BM026840.D

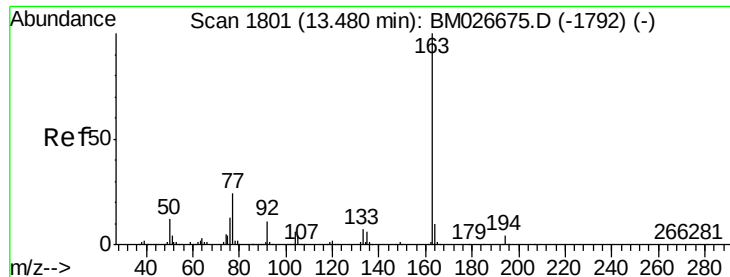
Acq: 22 Jul 2020 19:53

Tgt Ion:	172	Resp:	340254
Ion Ratio	Lower	Upper	
172	100		
171	33.4	27.8	41.6
170	22.9	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





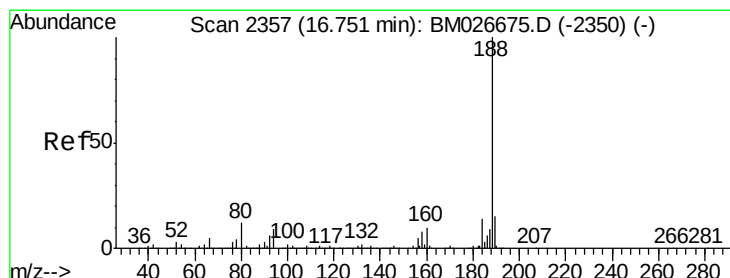
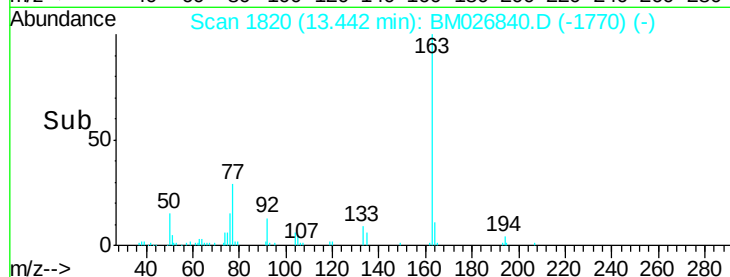
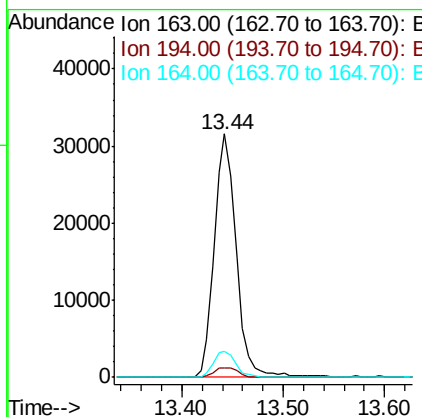
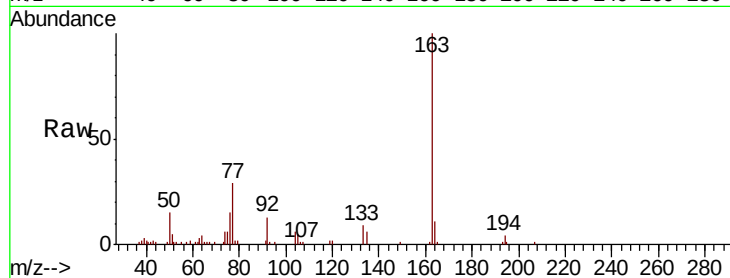
#50
Dimethylphthalate
Concen: 3.408 ng
RT: 13.44 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	10.7	7.8	11.6

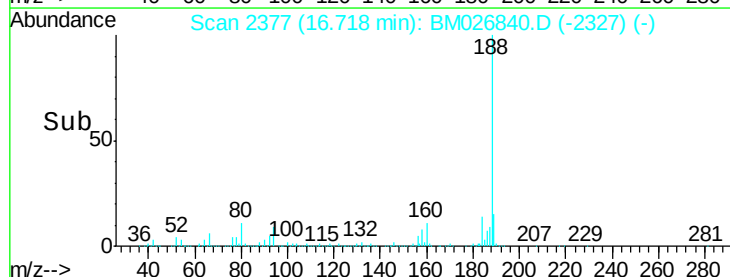
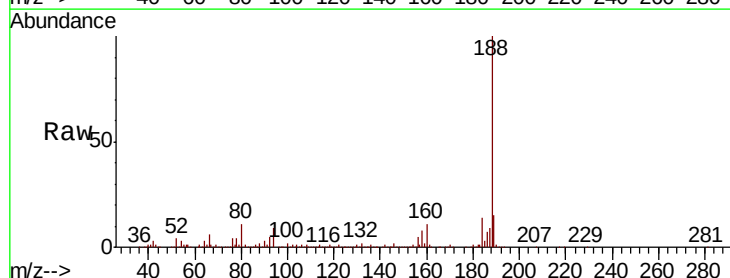
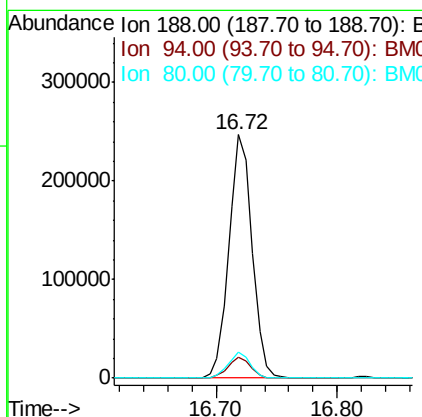
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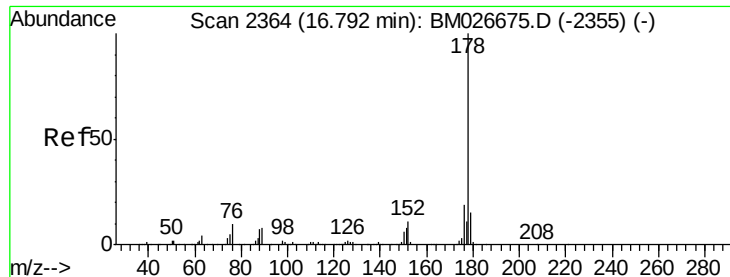
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	10.7	9.3	13.9





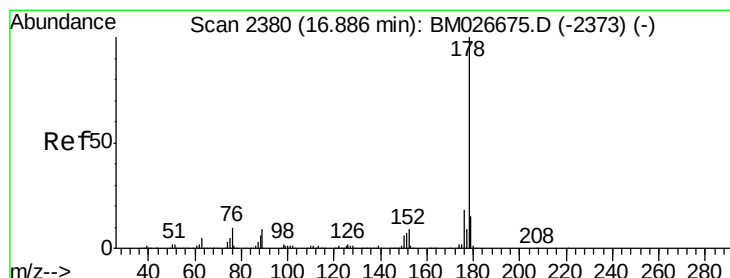
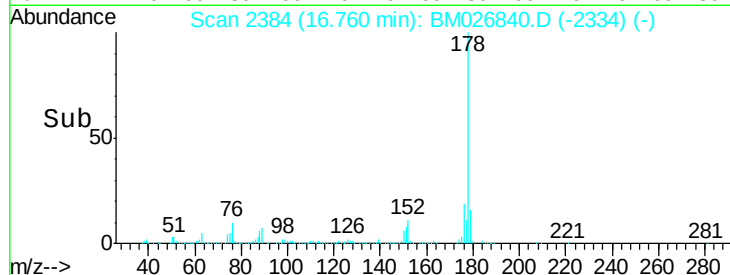
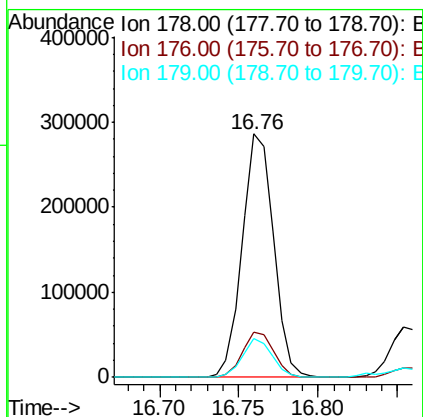
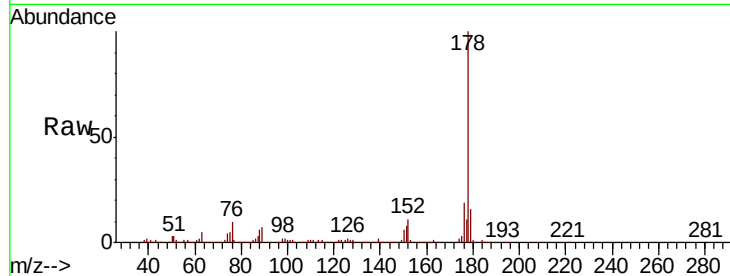
#71
Phenanthrene
Concen: 20.309 ng
RT: 16.76 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.1	18.1

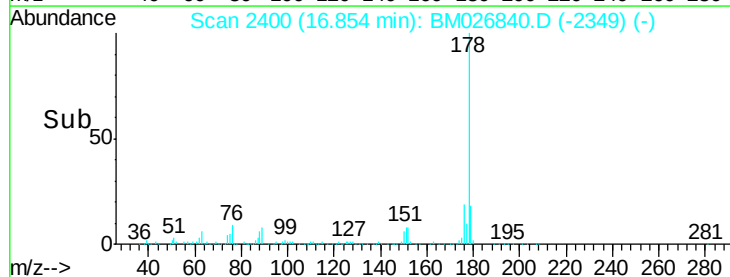
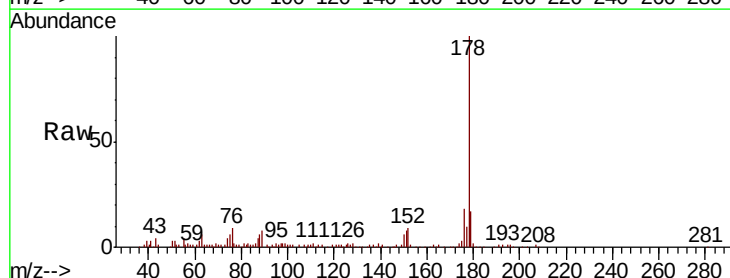
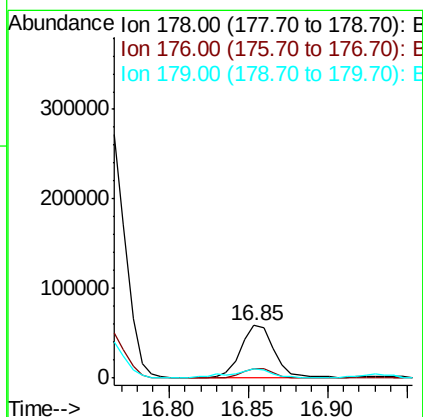
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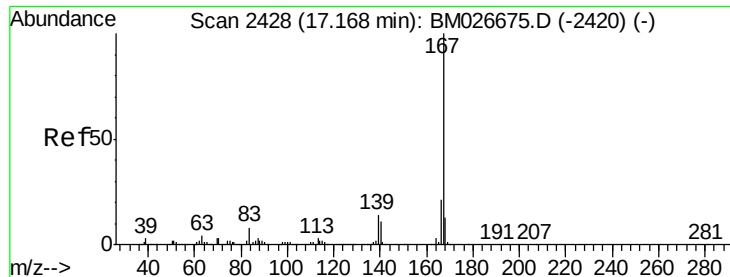
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#72
Anthracene
Concen: 4.386 ng
RT: 16.85 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	17.5	12.1	18.1





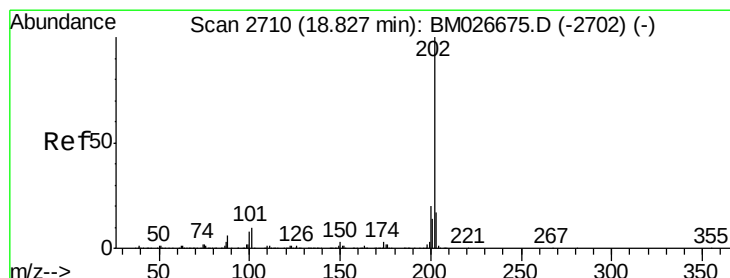
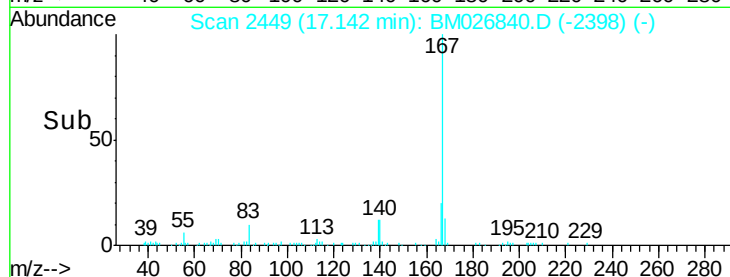
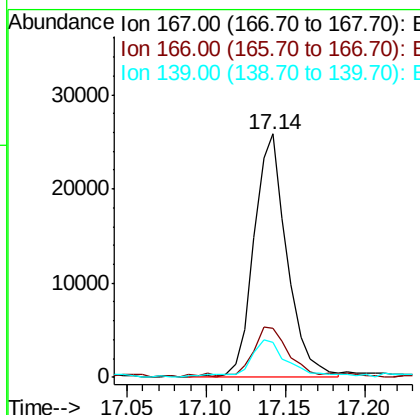
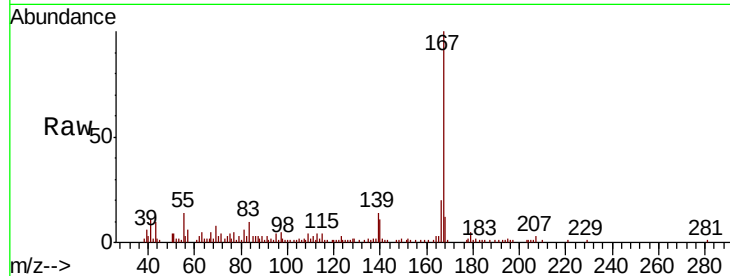
#73
 Carbazole
 Concen: 2.038 ng
 RT: 17.14 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Instrument :
 BNA_M
 ClientSampled :
 52-09-57

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.0	16.9	25.3
139	14.3	10.8	16.2

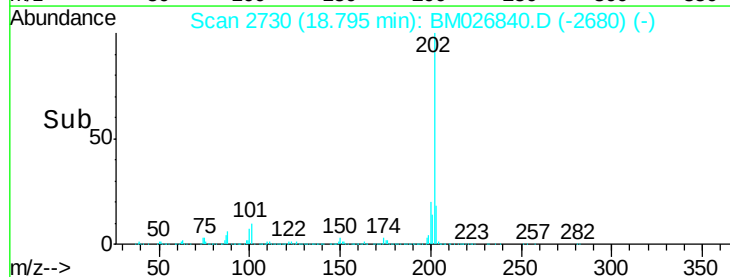
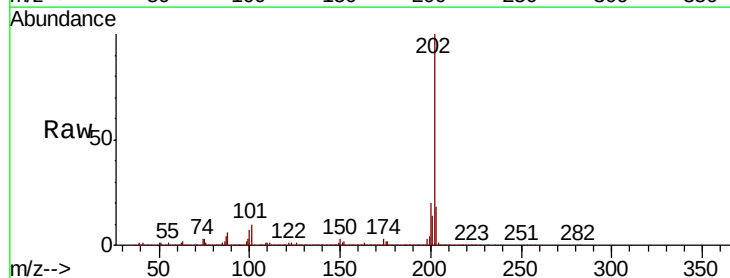
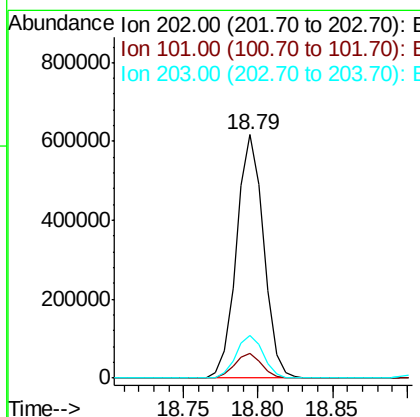
Manual Integrations
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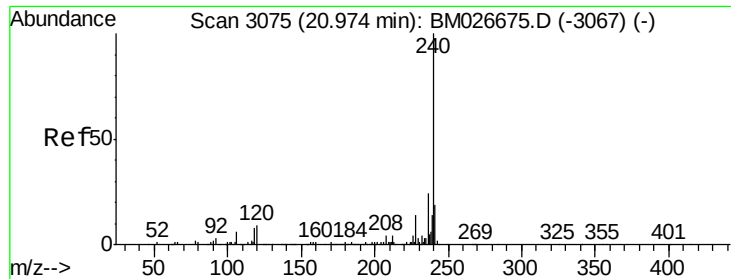
Sohil
 7/24/2020 12:11:35 PM



#75
 Fluoranthene
 Concen: 32.579 ng
 RT: 18.79 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.1
203	17.7	0.0	37.2





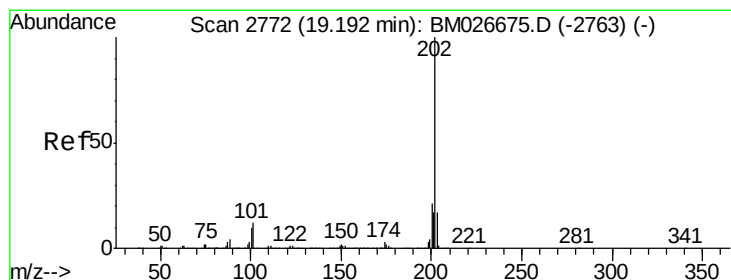
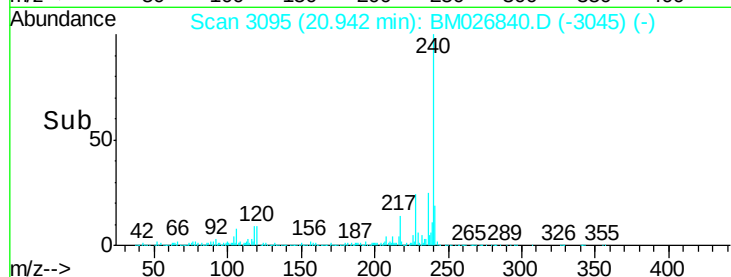
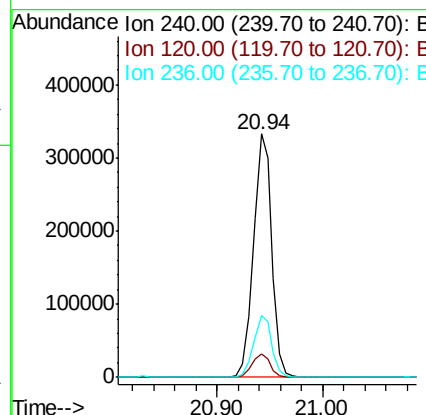
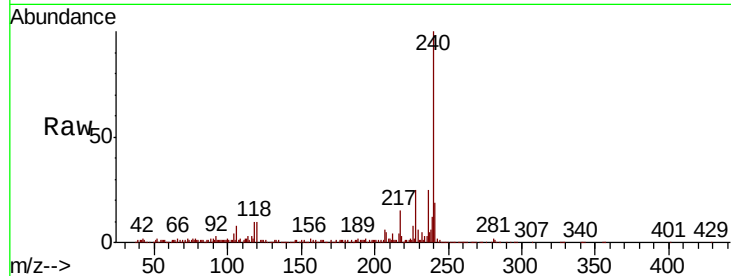
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.3	10.9
236	25.4	19.4	29.2

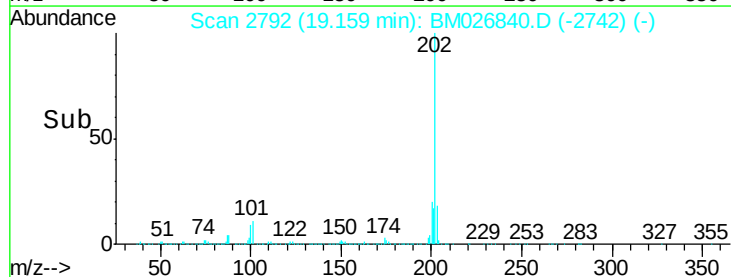
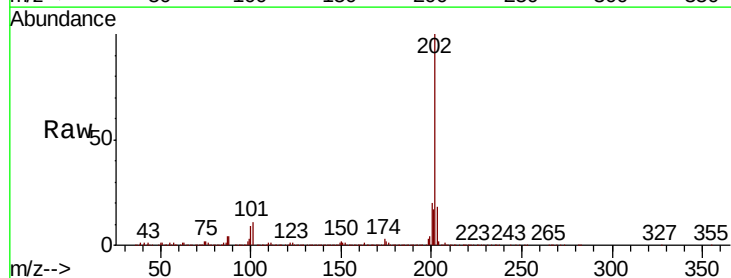
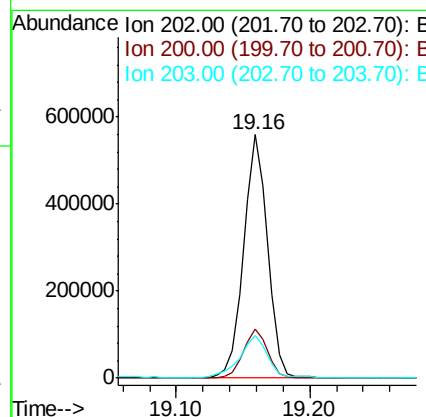
Manual Integrations
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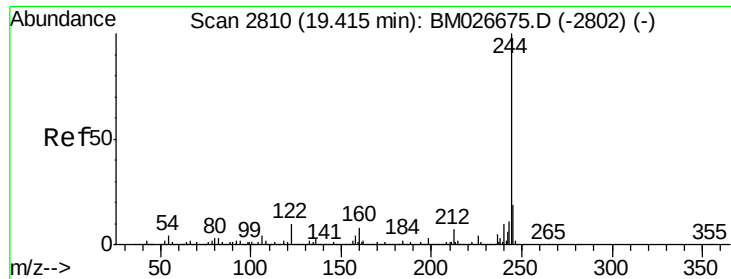
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#78
Pyrene
Concen: 27.426 ng
RT: 19.16 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.7	13.7	20.5





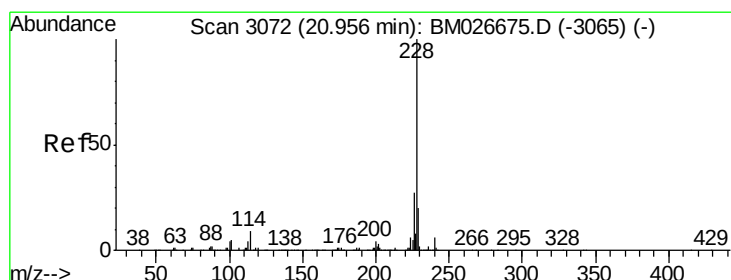
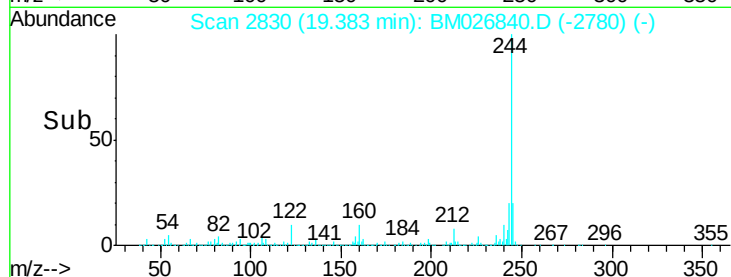
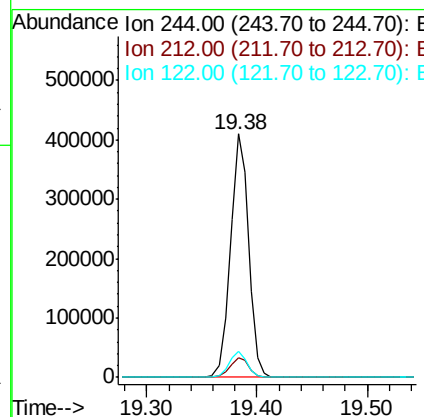
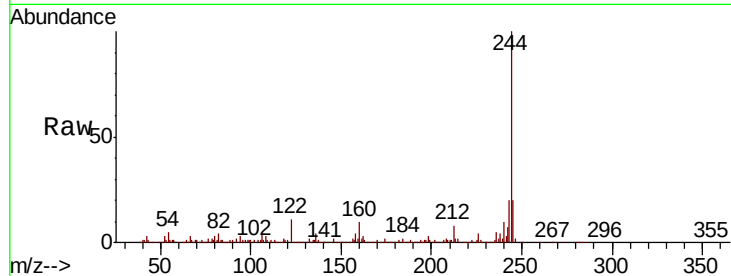
#79
 Terphenyl-d14
 Concen: 23.188 ng
 RT: 19.38 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Instrument :
 BNA_M
 ClientSampled :
 52-09-57

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	10.5	8.2	12.4

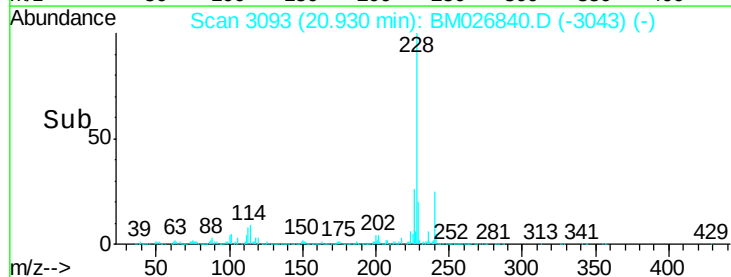
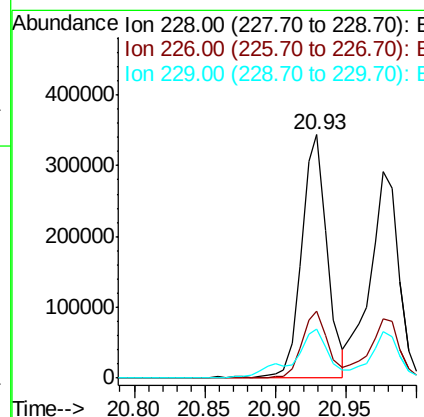
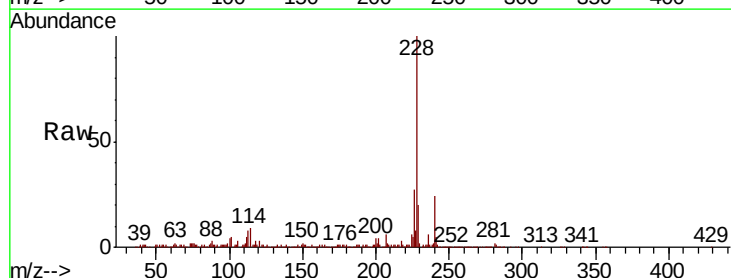
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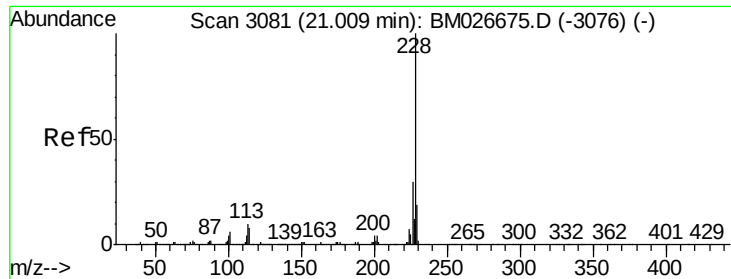
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#81
 Benzo(a)anthracene
 Concen: 15.905 ng
 RT: 20.93 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	20.2	15.6	23.4





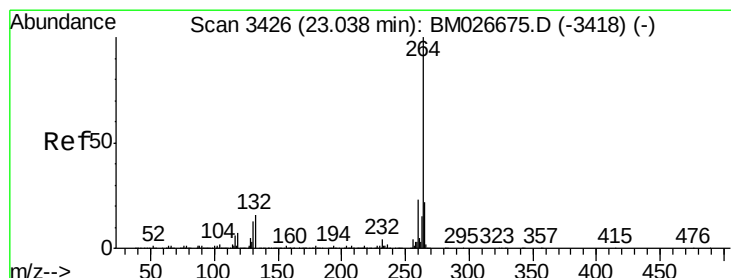
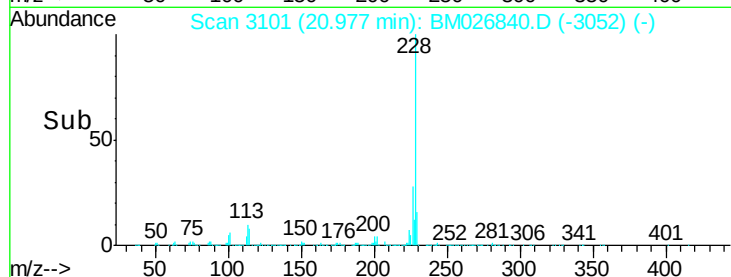
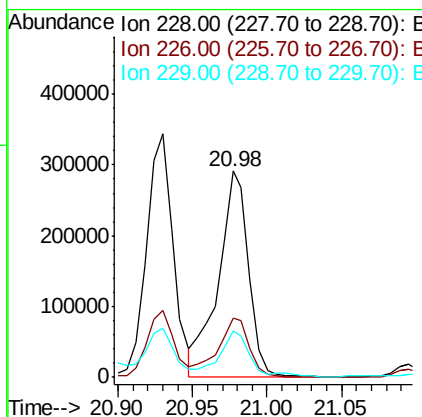
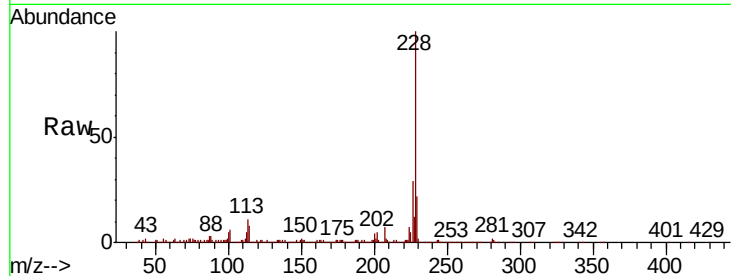
#83
Chrysene
Concen: 15.831 ng
RT: 20.98 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.7	35.5
229	22.4	15.4	23.0

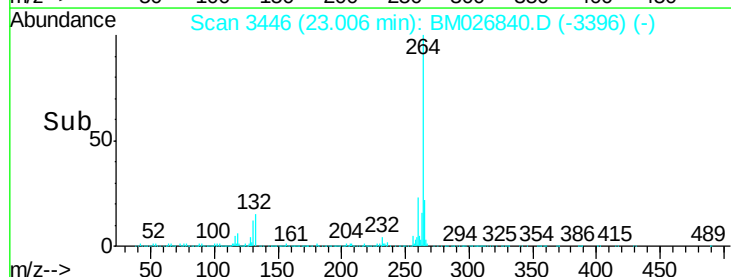
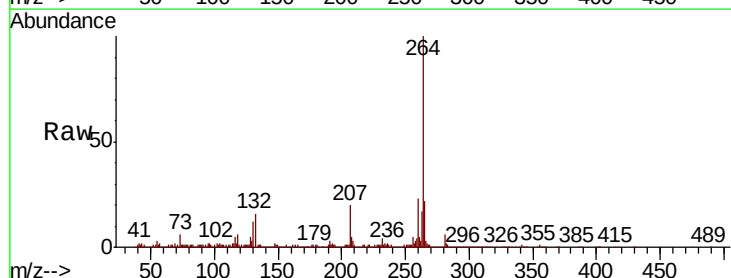
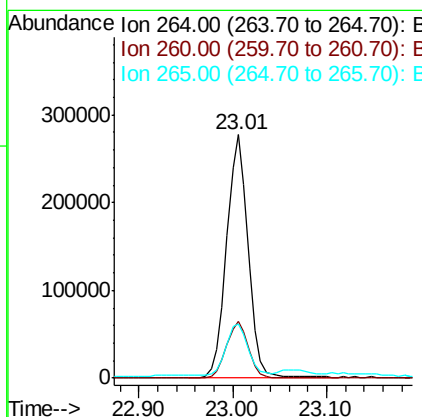
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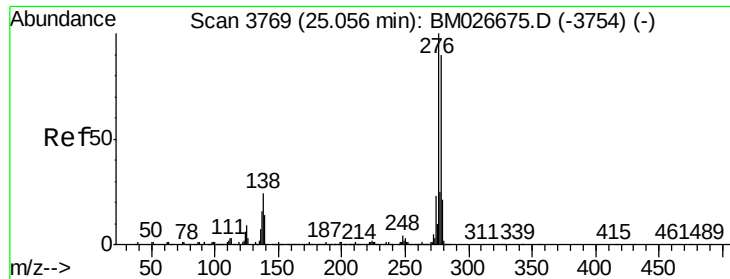
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.4	17.6	26.4





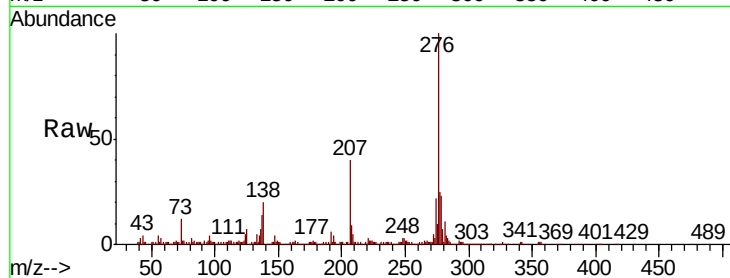
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.432 ng
 RT: 24.99 min Scan# 3784
 Delta R.T. -0.02 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

Instrument :
 BNA_M
 ClientSampleId :
 52-09-57

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.4	27.6
277	24.4	20.0	30.0

Manual Integrations
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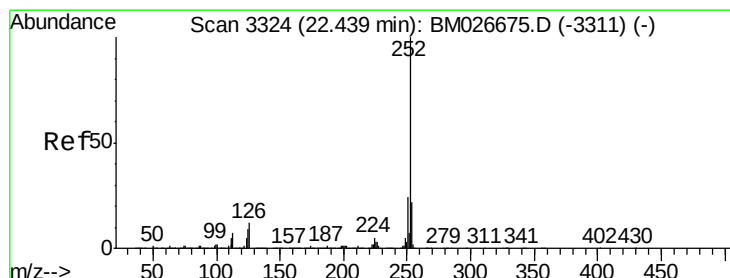
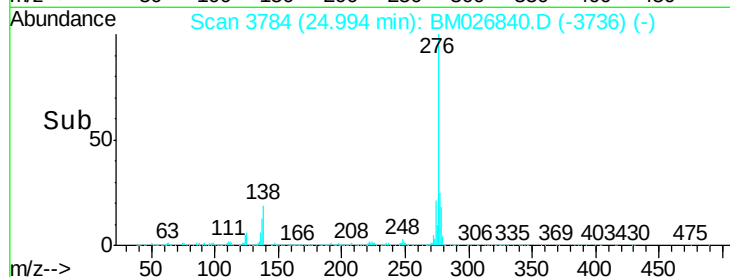
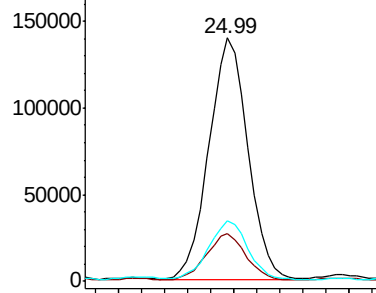


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 22.033 ng m
 RT: 22.41 min Scan# 3345
 Delta R.T. -0.01 min
 Lab File: BM026840.D
 Acq: 22 Jul 2020 19:53

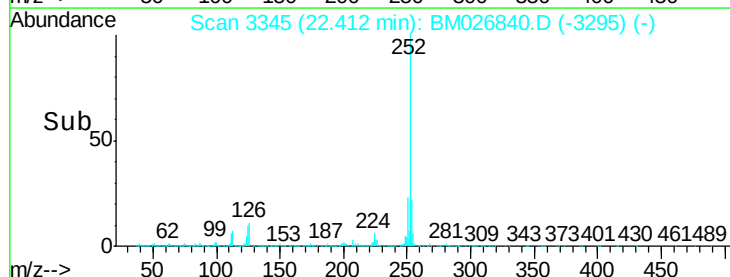
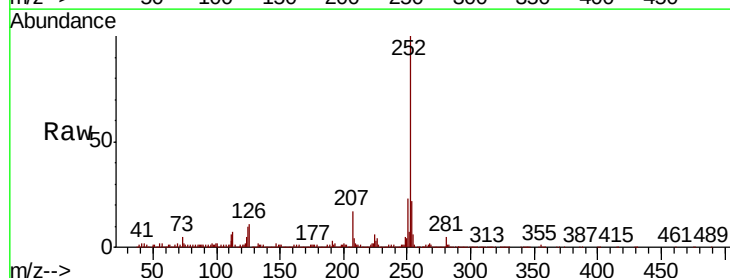
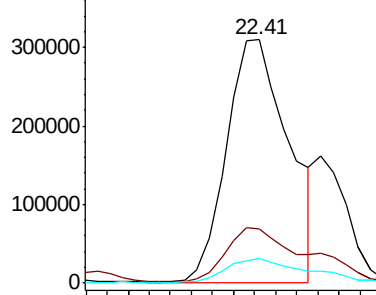
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.1	7.5	11.3

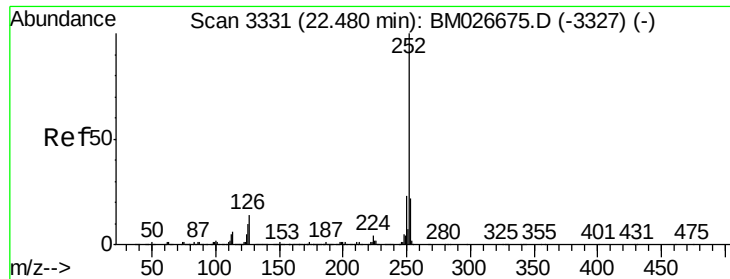
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.839 ng

RT: 22.44 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM026840.D

Acq: 22 Jul 2020 19:53

Instrument :

BNA_M

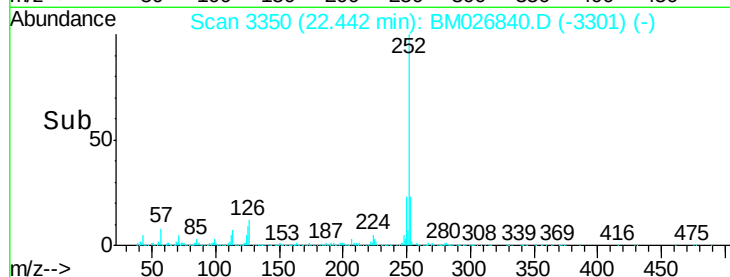
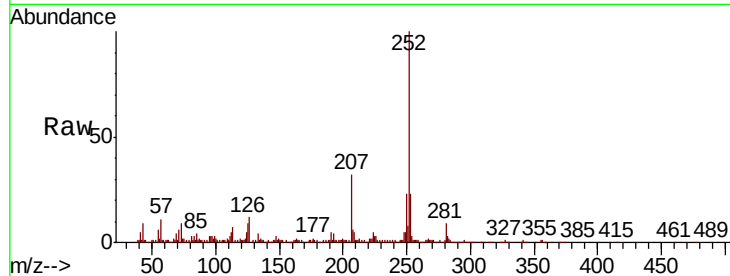
ClientSampled :

52-09-57

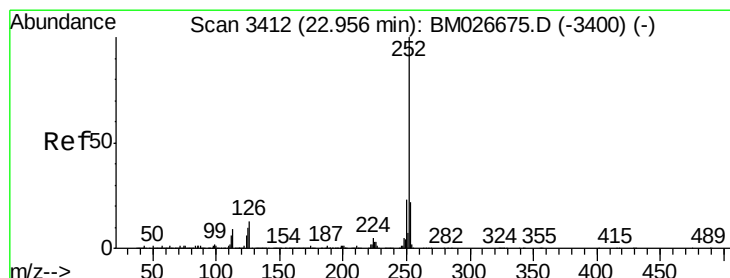
Tot Ion:	252	Resp:	165807
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	9.2	7.8	11.8

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Time-->



#90

Benzo(a)pyrene

Concen: 16.461 ng

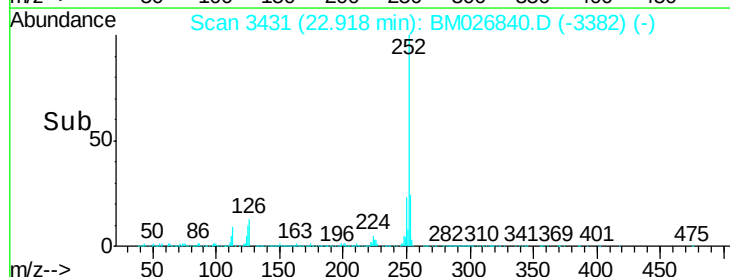
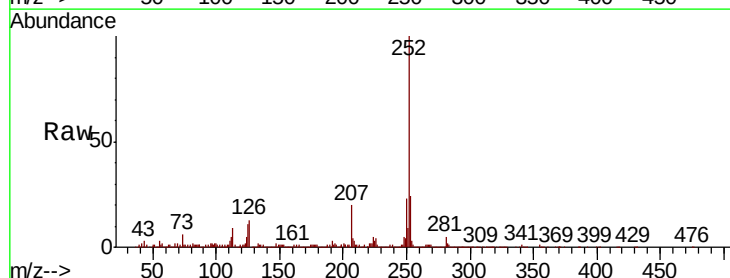
RT: 22.92 min Scan# 3431

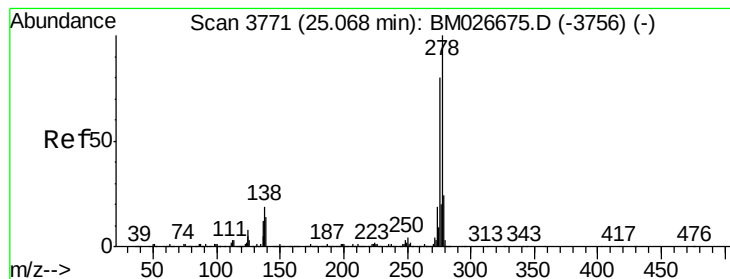
Delta R.T. -0.01 min

Lab File: BM026840.D

Acq: 22 Jul 2020 19:53

Tgt Ion:	252	Resp:	442408
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.2
125	10.6	8.2	12.4





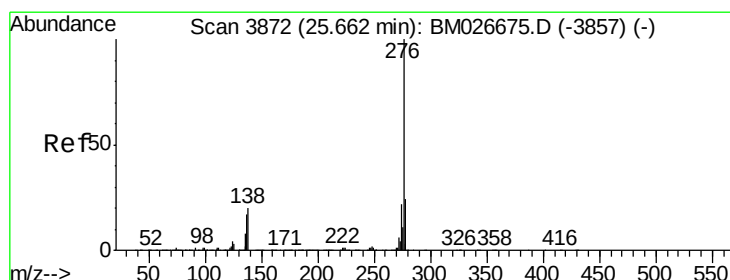
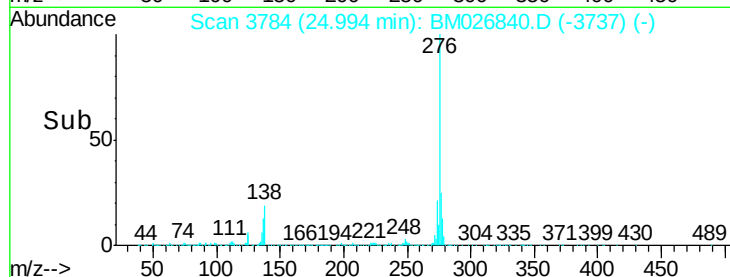
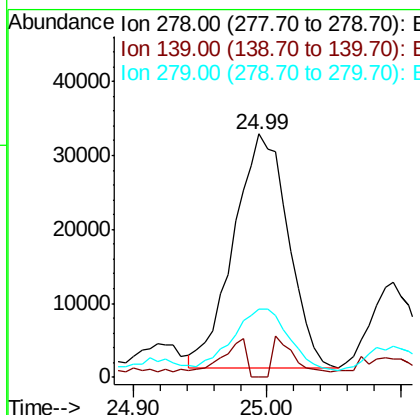
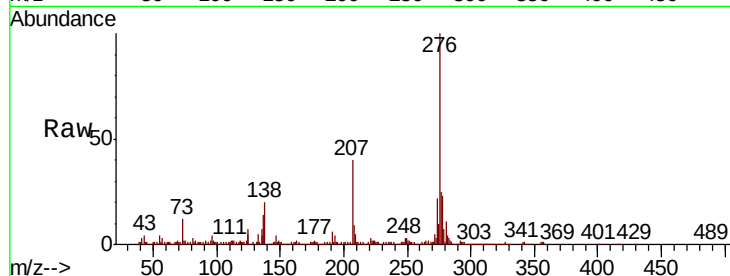
#91
Dibenzo(a,h)anthracene
Concen: 3.373 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	27.9	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 13.494 ng
RT: 25.60 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	20.2	15.8	23.8

