

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060920\
 Data File : BM026306.D
 Acq On : 09 Jun 2020 17:27
 Operator : JU/CG
 Sample : L2939-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PHC-326FB-011RE

Quant Time: Jun 09 18:00:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

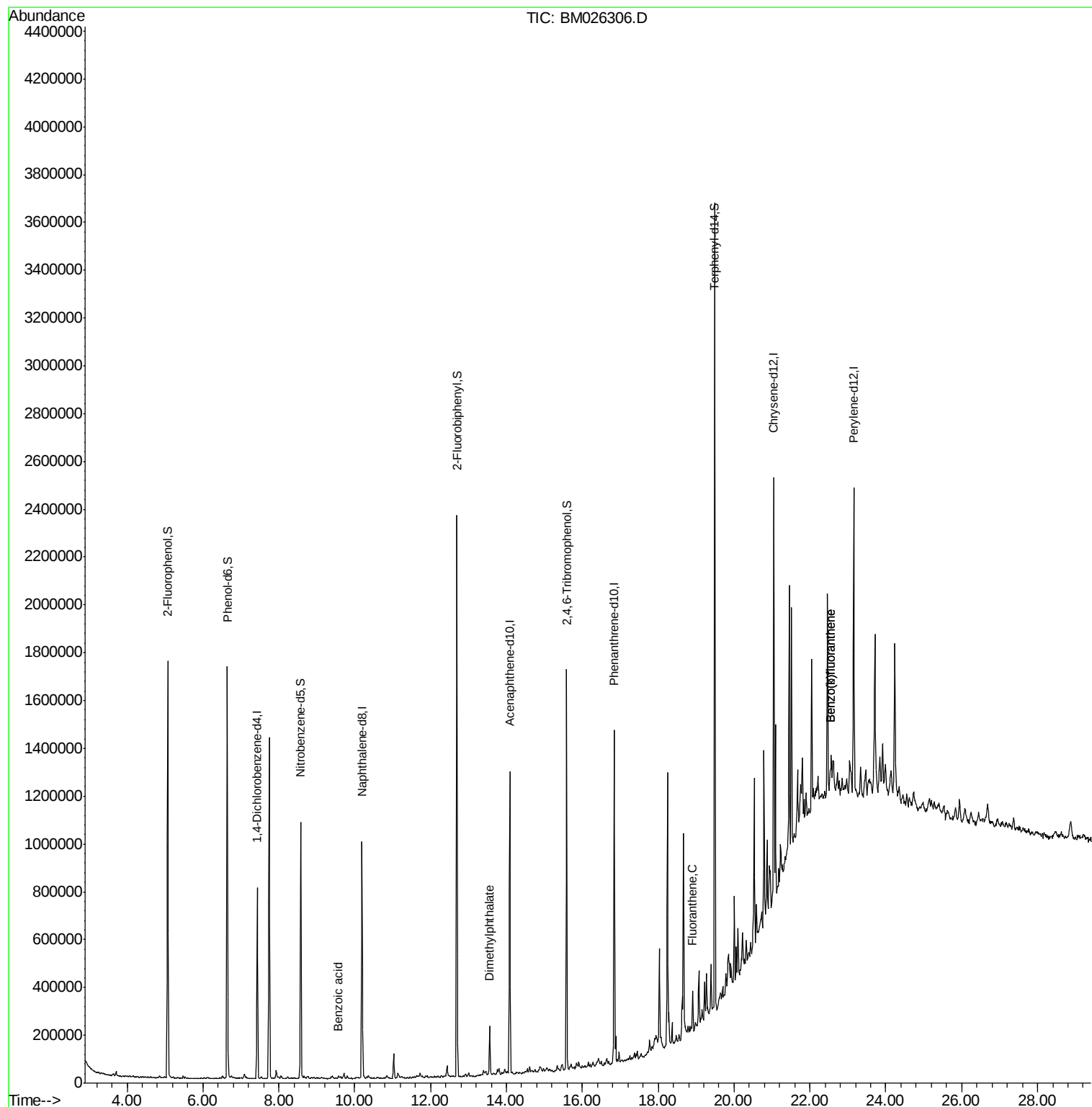
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	189941	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	719316	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	390662	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	753512	20.00	ng	0.00
76) Chrysene-d12	21.04	240	734685	20.00	ng	0.00
86) Perylene-d12	23.15	264	795906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	650770	60.58	ng	0.00
7) Phenol-d6	6.64	99	858960	55.22	ng	0.00
23) Nitrobenzene-d5	8.57	82	575506	39.28	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	267647	56.56	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1114535	43.31	ng	0.00
79) Terphenyl-d14	19.49	244	1480375	39.11	ng	0.00
Target Compounds						
32) Benzoic acid	9.57	122	115	5.177	ng	Qvalue # 11
50) Dimethylphthalate	13.56	163	115633	4.047	ng	99
75) Fluoranthene	18.90	202	91801	2.041	ng	96
88) Benzo(b)fluoranthene	22.53	252	98515	2.058	ng	# 81
89) Benzo(k)fluoranthene	22.53	252	99323	2.135	ng	# 80

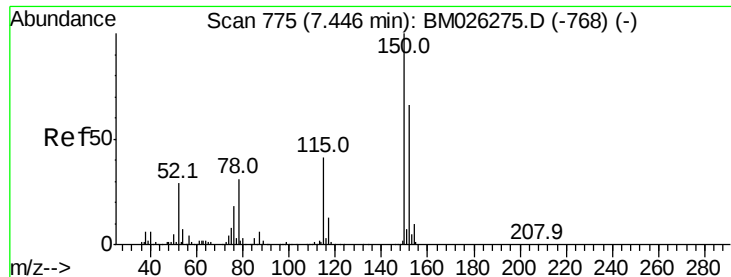
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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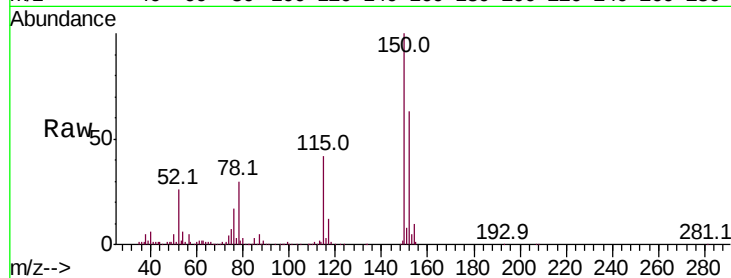


#1

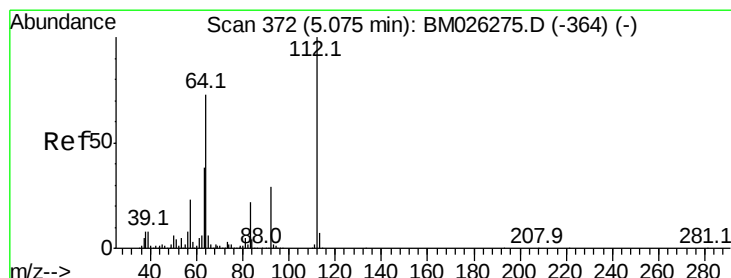
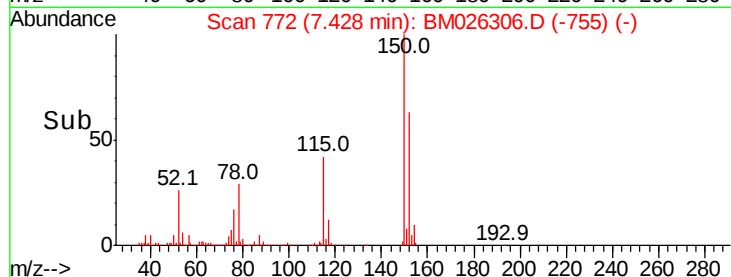
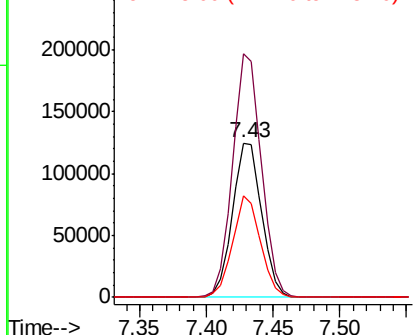
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. 0.00 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-011RE

Tot Ion:152 Resp: 189941
Ion Ratio Lower Upper
152 100
150 157.5 122.1 183.1
115 65.5 49.7 74.5



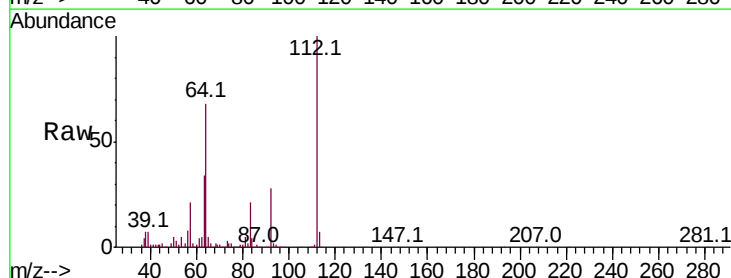
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



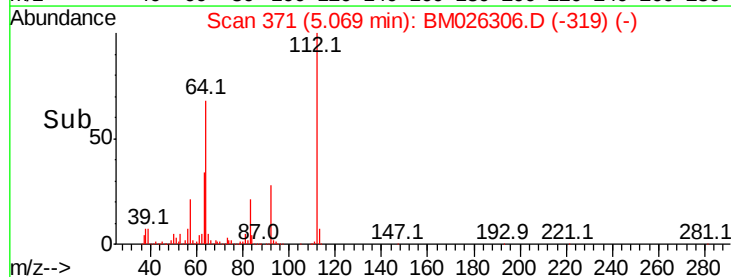
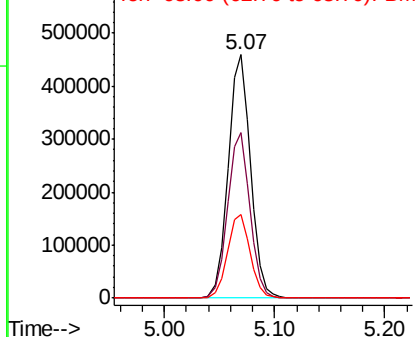
#5

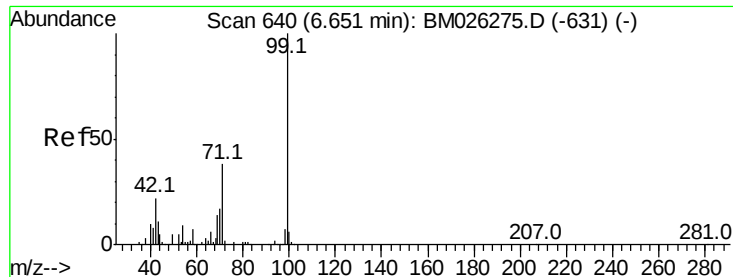
2-Fluorophenol
Concen: 60.576 ng
RT: 5.07 min Scan# 371
Delta R.T. 0.01 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

Tgt Ion:112 Resp: 650770
Ion Ratio Lower Upper
112 100
64 68.2 58.1 87.1
63 34.2 30.6 45.8



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: 55.215 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

Instrument :

BNA_M

ClientSampleId :

PHC-326FB-011RE

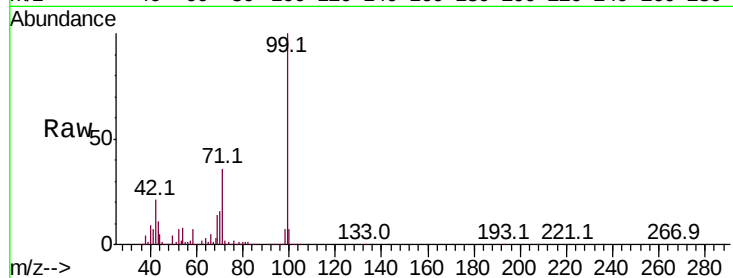
Tot Ion: 99 Resp: 858960

Ion Ratio Lower Upper

99 100

42 20.6 18.0 27.0

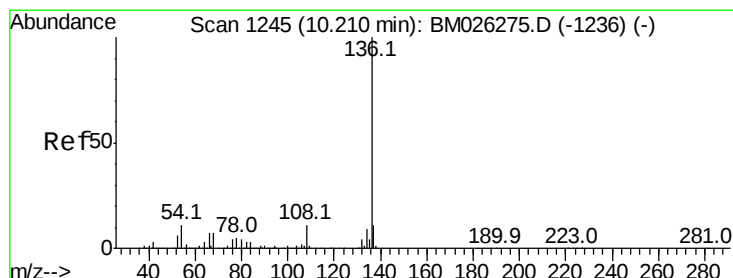
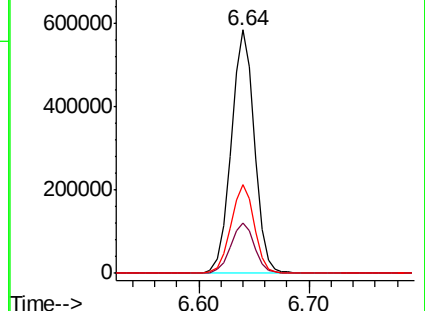
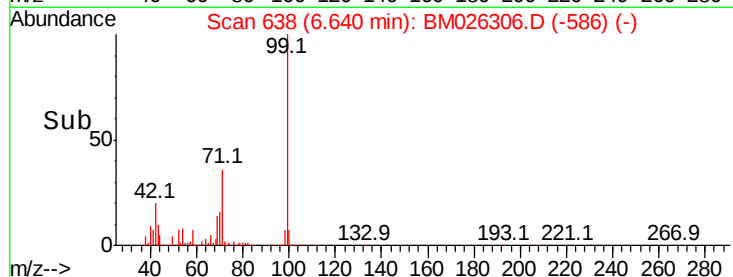
71 36.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

Tgt Ion: 136 Resp: 719316

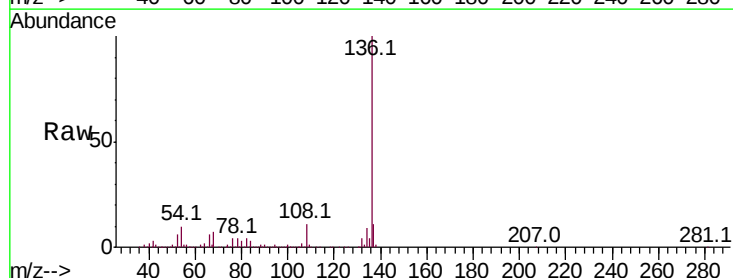
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.5 9.0 13.4

68 6.9 5.6 8.4

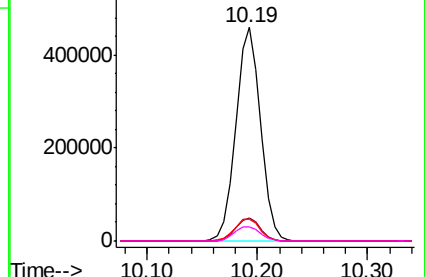
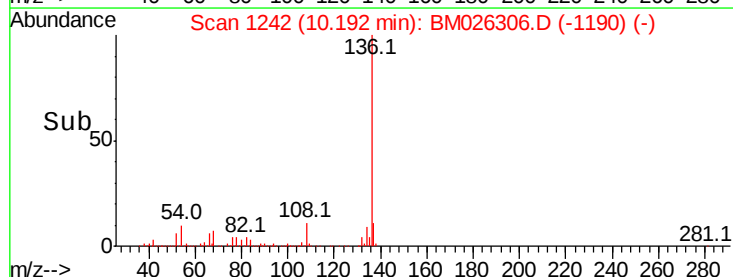


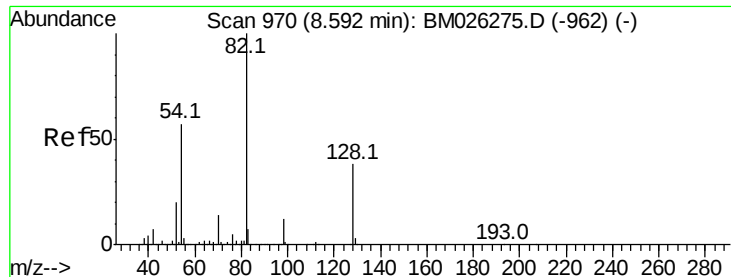
Abundance Ion 136.00 (135.70 to 136.70): BM026275.D (-1236) (-)

Ion 137.00 (136.70 to 137.70): BM026275.D (-1236) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-1236) (-)

Ion 68.00 (67.70 to 68.70): BM026275.D (-1236) (-)

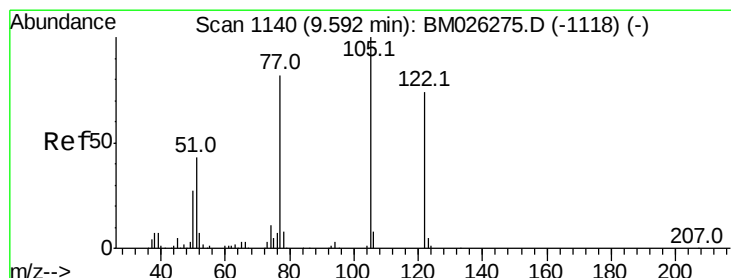
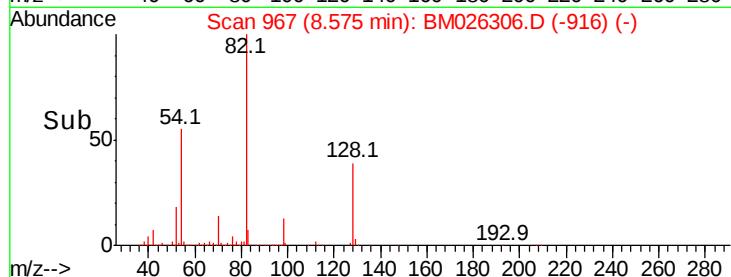
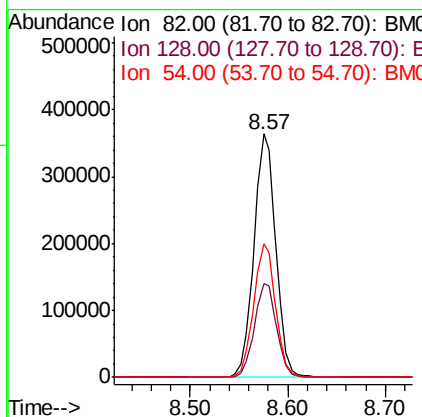
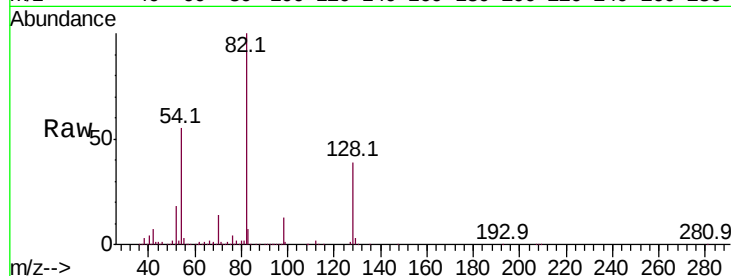




#23
Nitrobenzene-d5
Concen: 39.283 ng
RT: 8.57 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

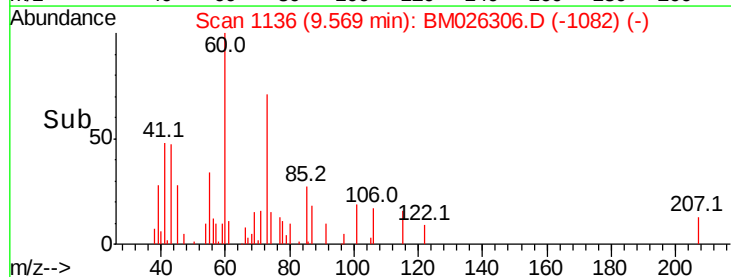
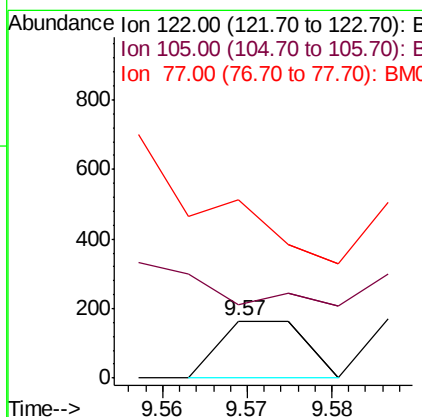
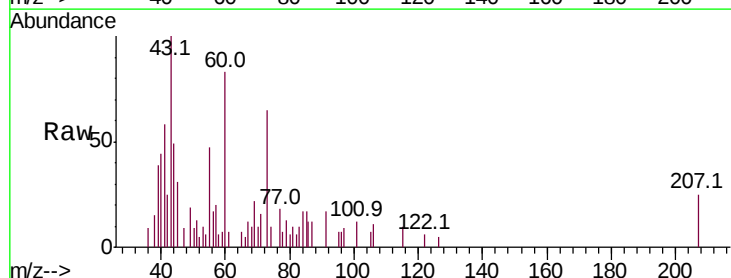
Instrument :
BNA_M
ClientSampleId :
PHC-326FB-011RE

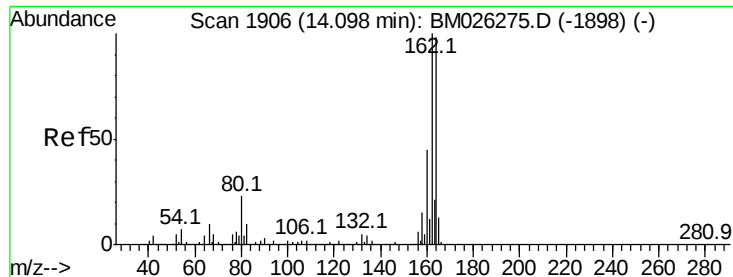
Tot Ion: 82 Resp: 575506
Ion Ratio Lower Upper
82 100
128 38.6 30.3 45.5
54 55.0 45.4 68.2



#32
Benzoic acid
Concen: 5.177 ng
RT: 9.57 min Scan# 1136
Delta R.T. 0.02 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

Tgt Ion: 122 Resp: 115
Ion Ratio Lower Upper
122 100
105 128.0 112.4 152.4
77 313.4 89.8 129.8#

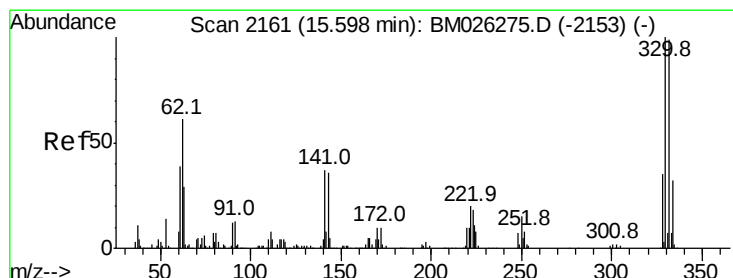
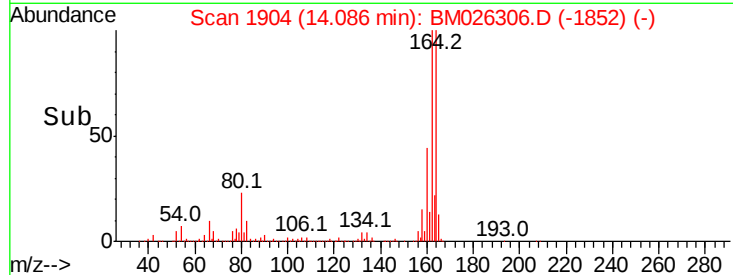
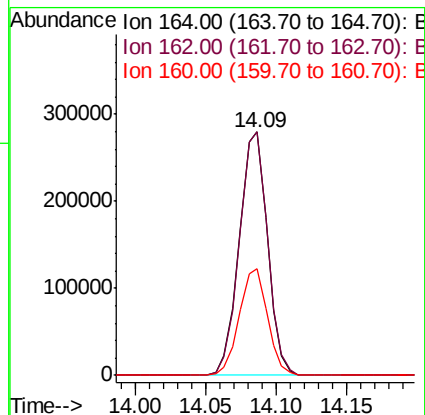
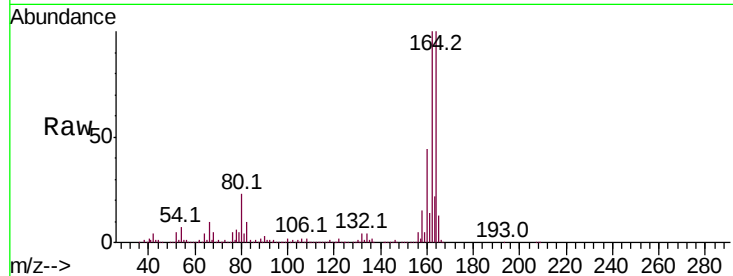




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. 0.01 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

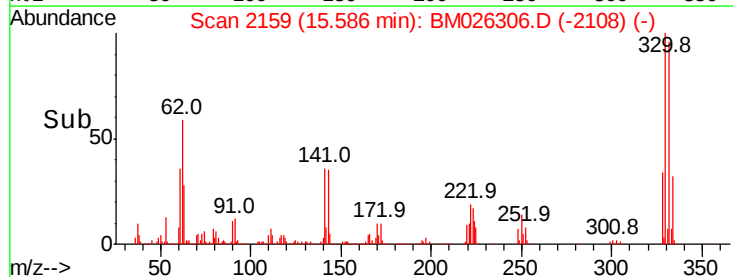
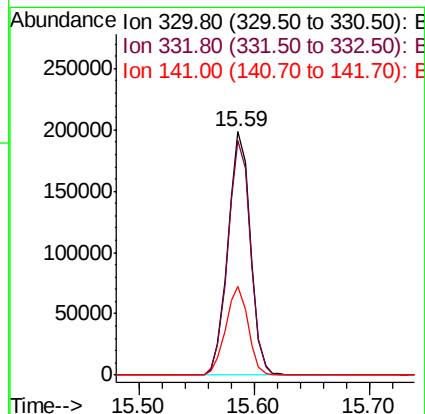
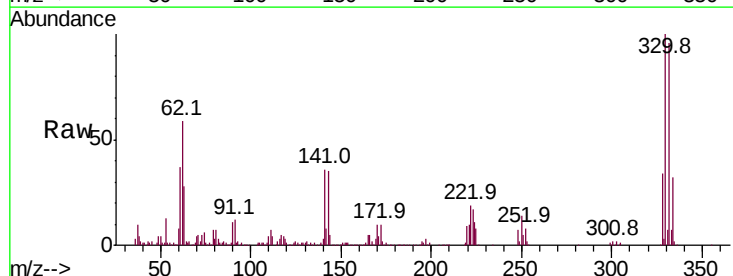
Instrument :
BNA_M
ClientSampleId :
PHC-326FB-011RE

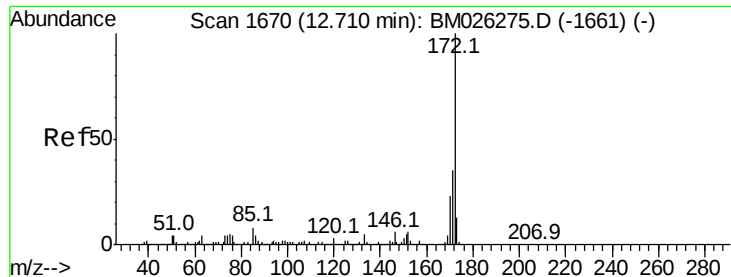
Tot Ion:164 Resp: 390662
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.2
160 43.6 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 56.558 ng
RT: 15.59 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

Tgt Ion:330 Resp: 267647
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 36.1 30.0 45.0

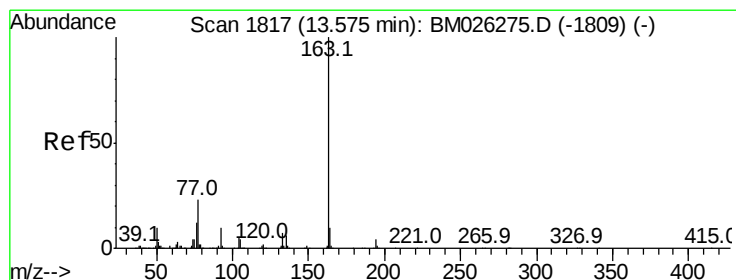
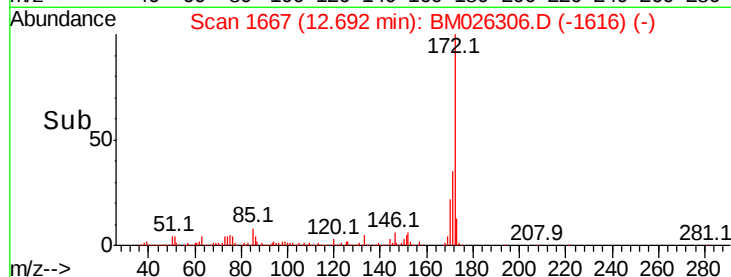
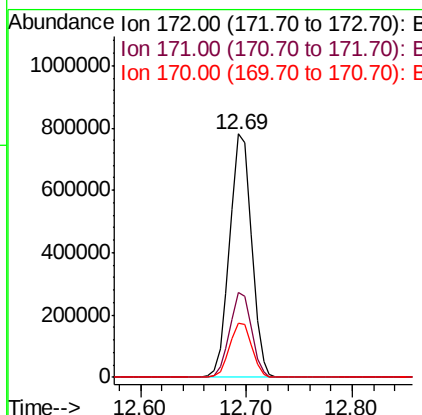
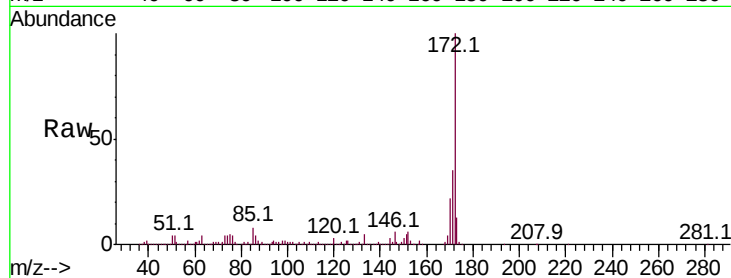




#45
2-Fluorobiphenyl
Concen: 43.307 ng
RT: 12.69 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

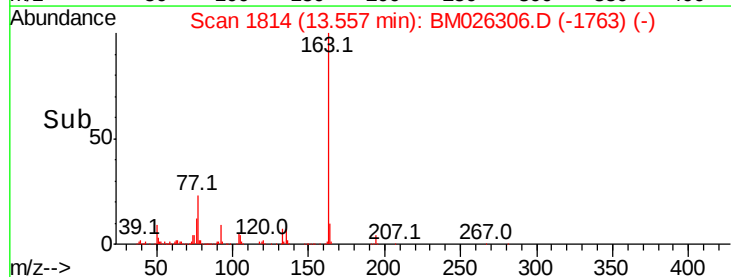
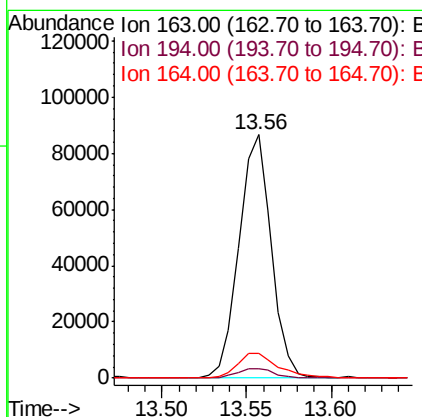
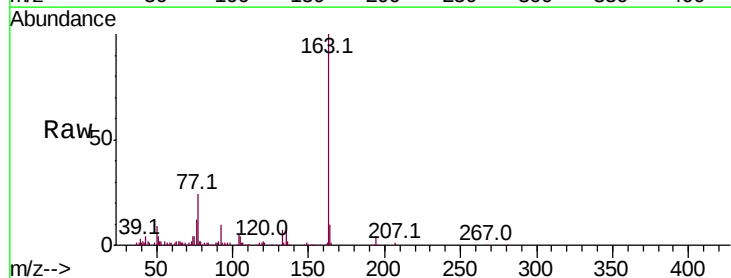
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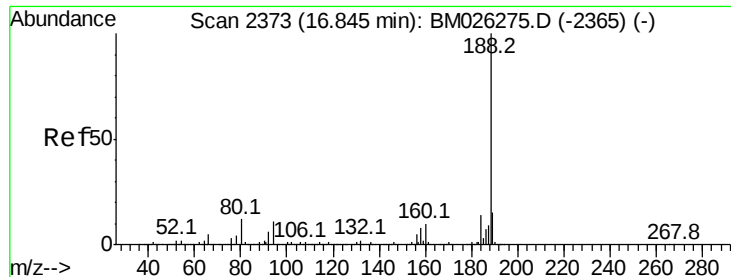
Tot Ion:172 Resp: 1114535
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 22.2 18.3 27.5



#50
Dimethylphthalate
Concen: 4.047 ng
RT: 13.56 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

Tgt Ion:163 Resp: 115633
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.4 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. 0.01 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

Instrument :

BNA_M

ClientSampleId :

PHC-326FB-011RE

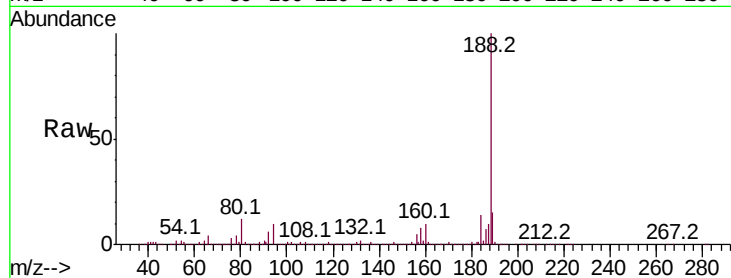
Tot Ion:188 Resp: 753512

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

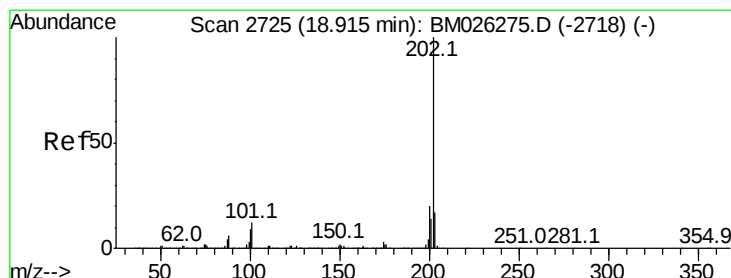
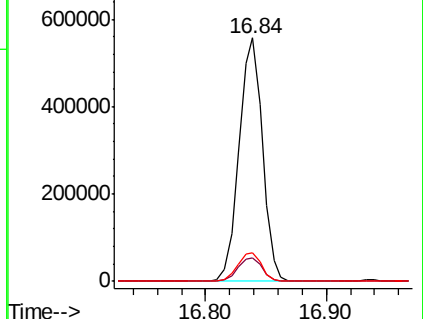
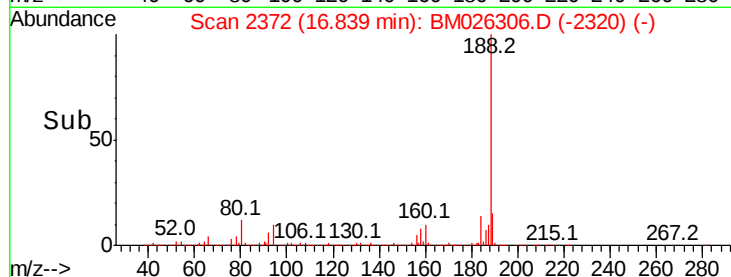
80 11.7 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Fluoranthene

Concen: 2.041 ng

RT: 18.90 min Scan# 2723

Delta R.T. 0.00 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

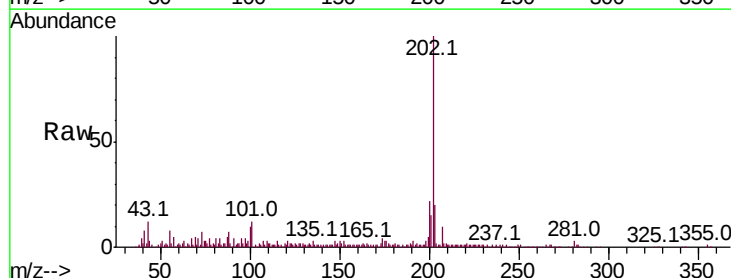
Tgt Ion:202 Resp: 91801

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.6

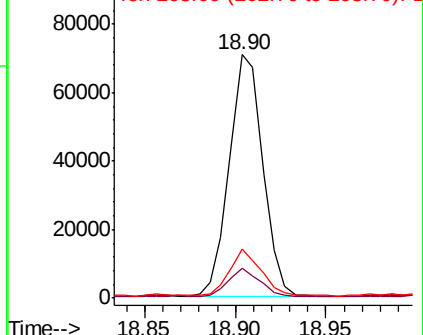
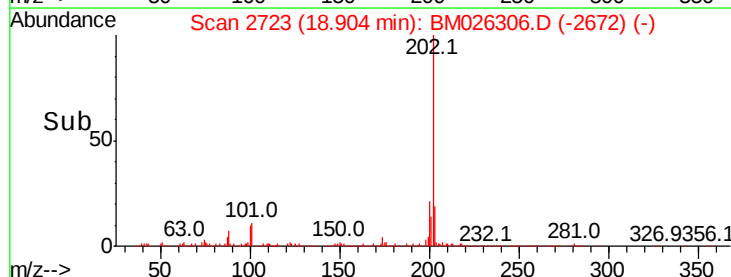
203 20.2 0.0 37.4

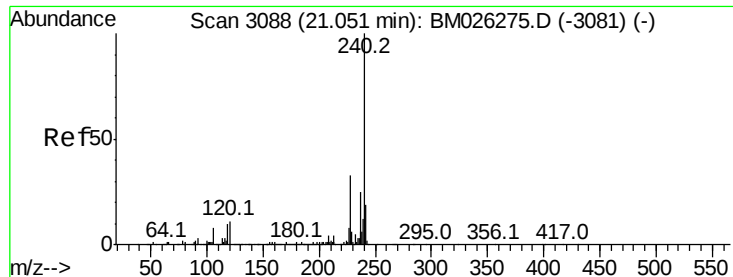


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

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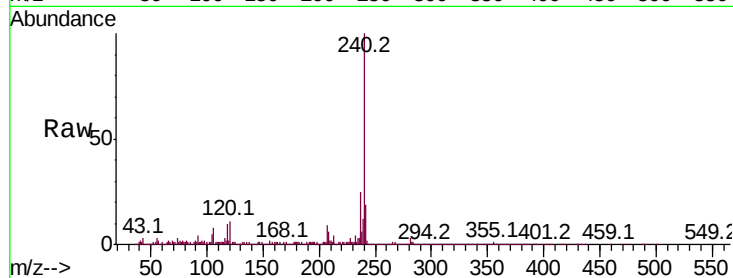
Tot Ion:240 Resp: 734685

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

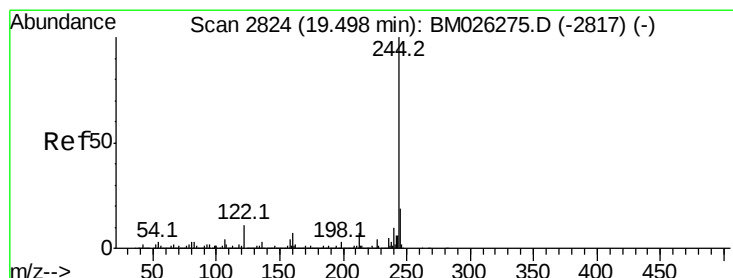
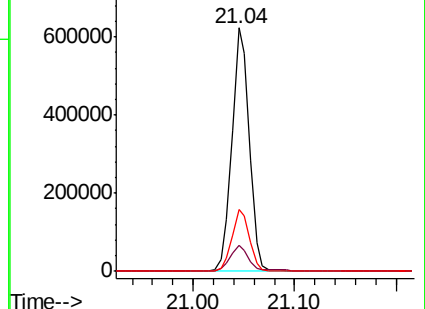
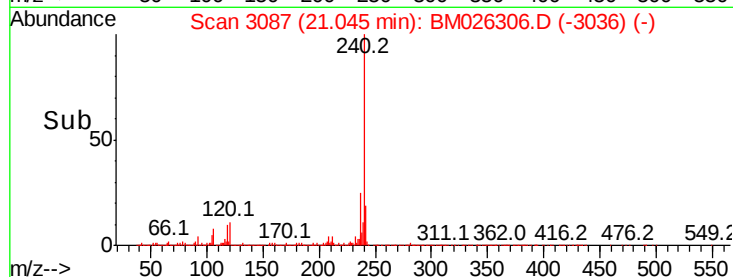
236 25.5 19.7 29.5



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



#79

Terphenyl-d14

Concen: 39.114 ng

RT: 19.49 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

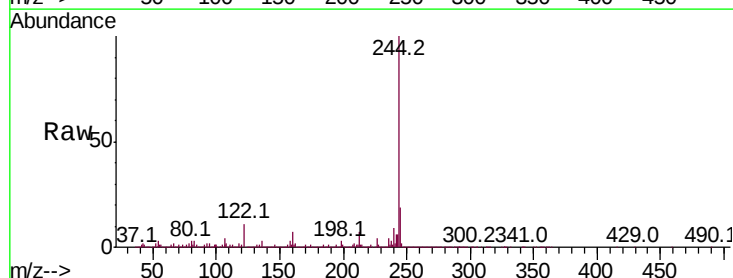
Tgt Ion:244 Resp: 1480375

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

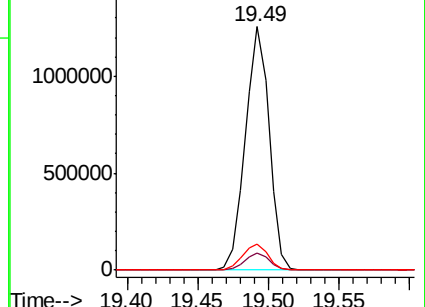
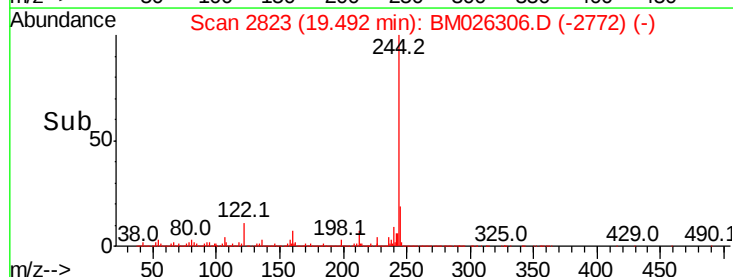
122 10.8 9.1 13.7

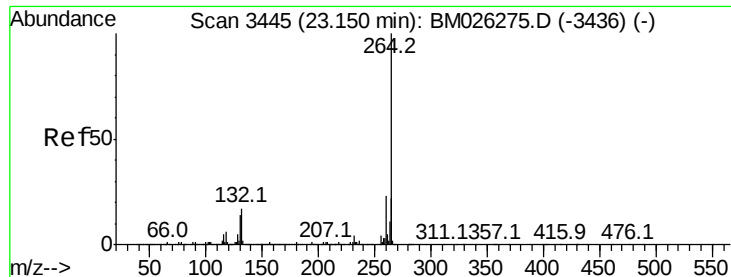


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

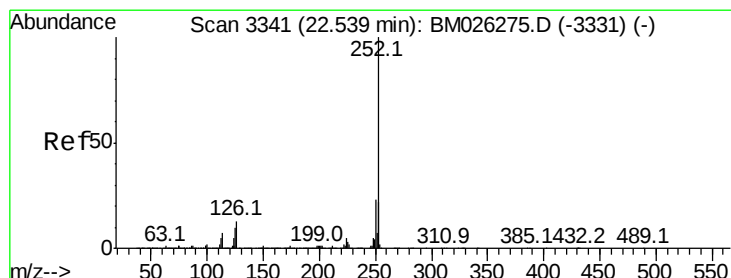
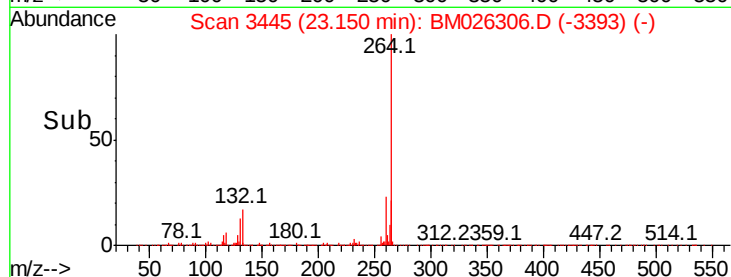
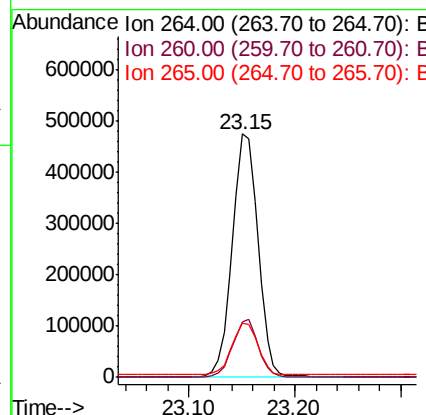
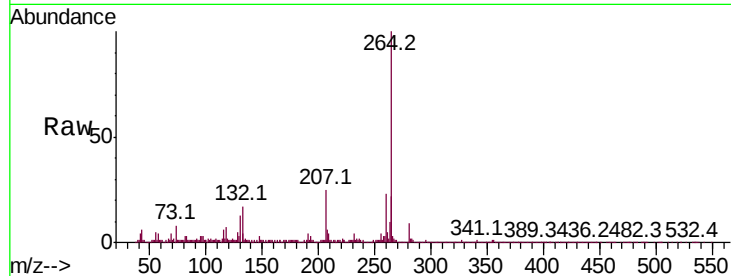




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. 0.01 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

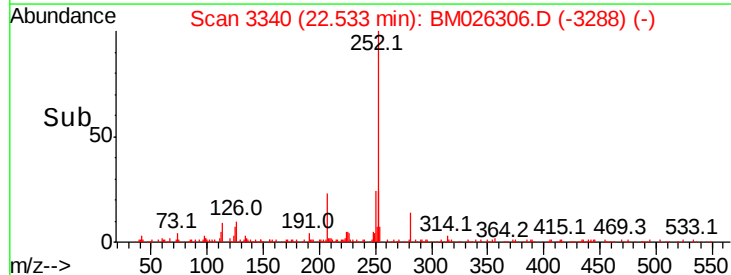
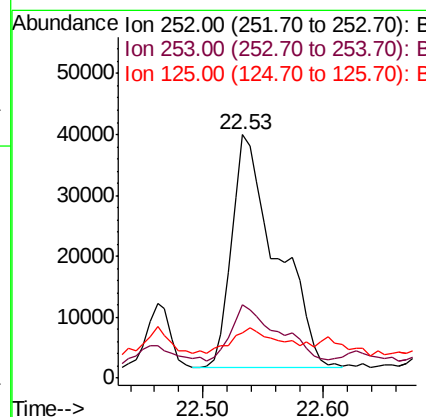
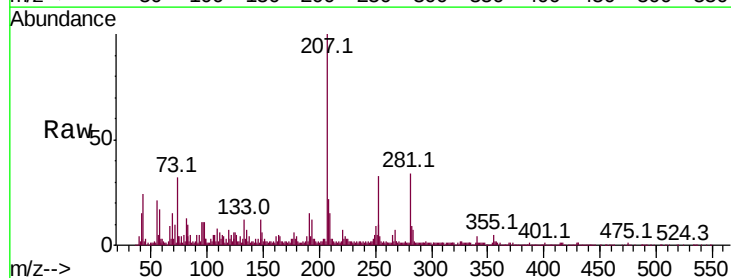
Instrument :
BNA_M
ClientSampleId :
PHC-326FB-011RE

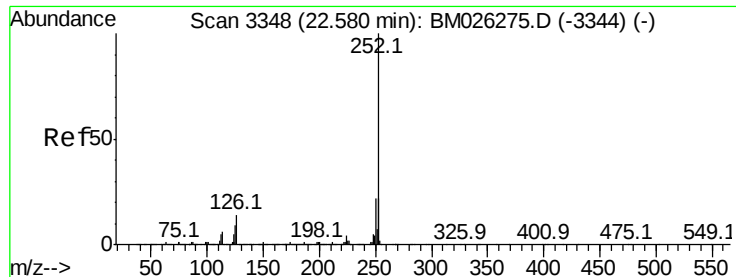
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	22.5	18.2	27.2



#88
Benzo(b)fluoranthene
Concen: 2.058 ng
RT: 22.53 min Scan# 3340
Delta R.T. 0.01 min
Lab File: BM026306.D
Acq: 09 Jun 2020 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.6	26.4#
125	18.4	7.9	11.9#





#89

Benzo(k)fluoranthene

Concen: 2.135 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.04 min

Lab File: BM026306.D

Acq: 09 Jun 2020 17:27

Instrument :

BNA_M

ClientSampleId :

PHC-326FB-011RE

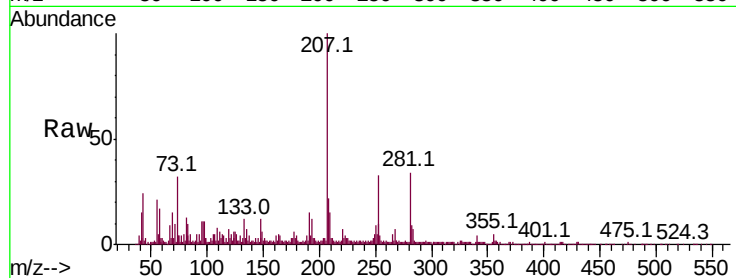
Tot Ion:252 Resp: 99323

Ion Ratio Lower Upper

252 100

253 30.4 17.3 25.9#

125 18.4 7.8 11.6#



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

