

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026293.D
 Acq On : 08 Jun 2020 18:57
 Operator : JU/CG
 Sample : L2893-01RE 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2ARE

Quant Time: Jun 09 02:53:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:00:18 2020
 Response via : Initial Calibration

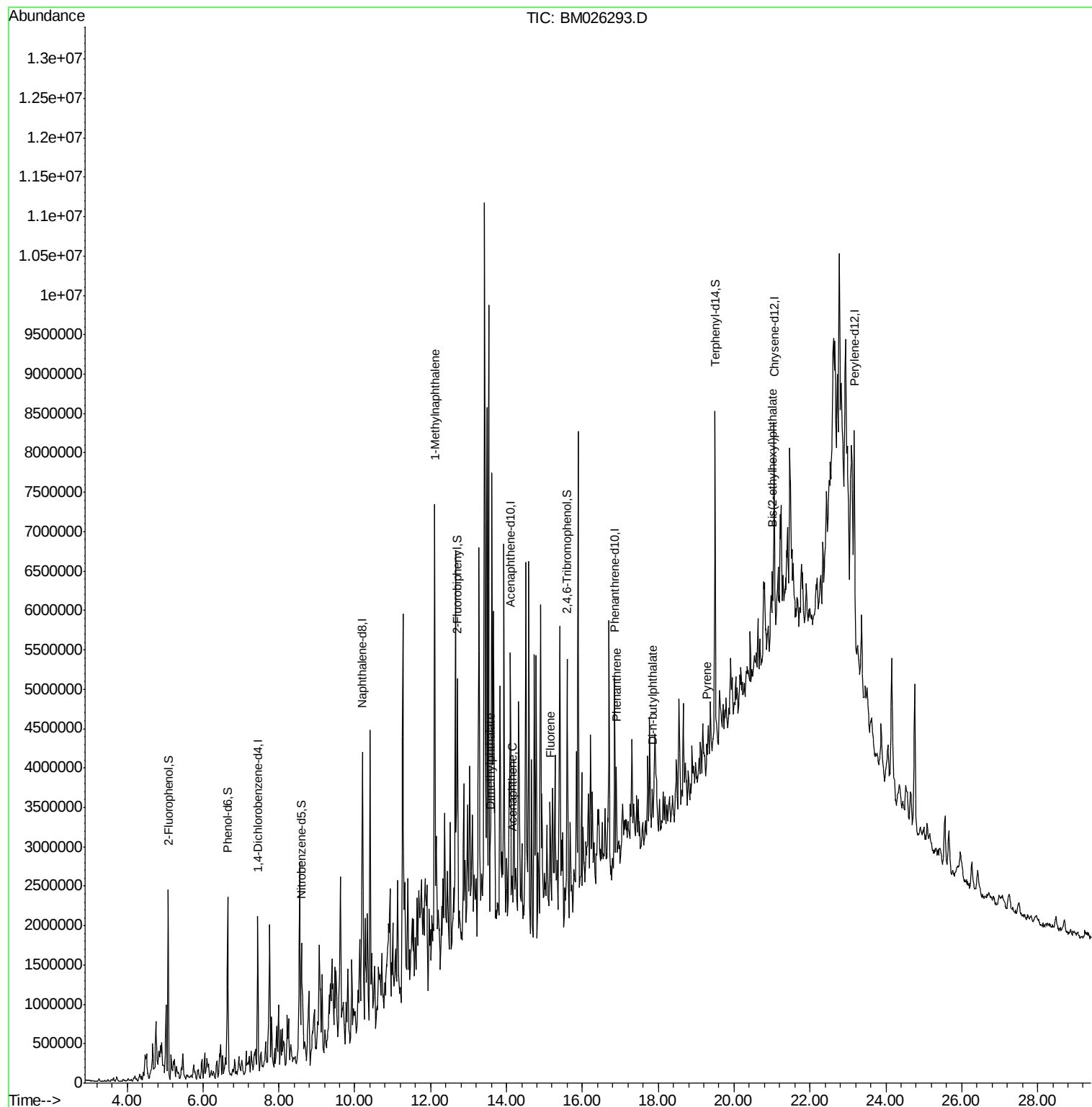
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	273151	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	1165206	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	726541	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1317491	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1037291	20.00	ng	0.00
86) Perylene-d12	23.17	264	1077365	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	773431	50.06	ng	0.00
7) Phenol-d6	6.65	99	1116921	49.93	ng	0.00
23) Nitrobenzene-d5	8.59	82	758397	31.96	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	395599	44.95	ng	0.01
45) 2-Fluorobiphenyl	12.71	172	1566561	32.73	ng	0.00
79) Terphenyl-d14	19.50	244	1817674	34.02	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.11	142	2416404	60.962	ng	Qvalue 100
50) Dimethylphthalate	13.57	163	173932	3.273	ng	# 93
52) Acenaphthene	14.16	154	114783	2.889	ng	96
58) Fluorene	15.16	166	245869	4.729	ng	# 85
71) Phenanthrene	16.89	178	558221	8.136	ng	# 94
74) Di-n-butylphthalate	17.84	149	261067	3.409	ng	# 93
78) Pyrene	19.28	202	170959	2.494	ng	# 89
84) Bis(2-ethylhexyl)phthalate	21.00	149	245408	6.210	ng	# 94

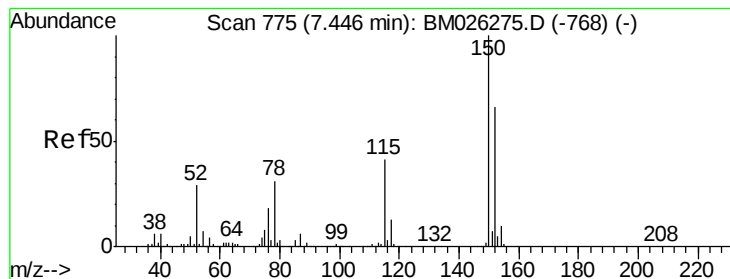
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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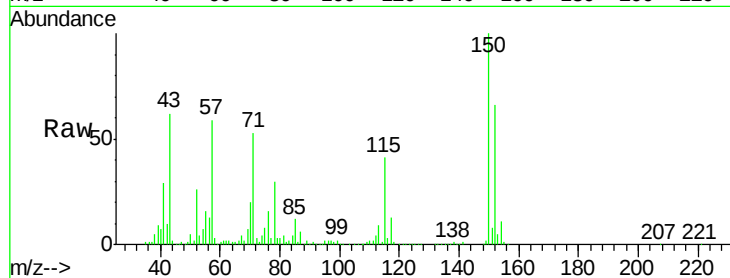


#1

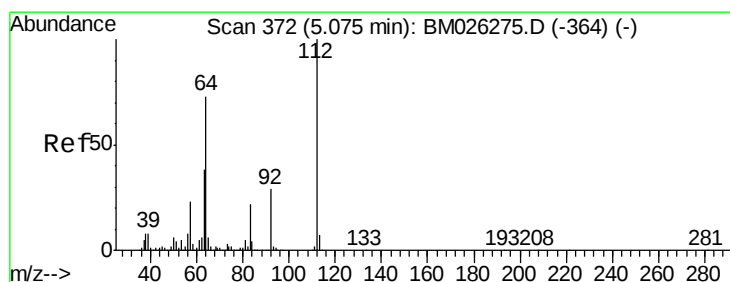
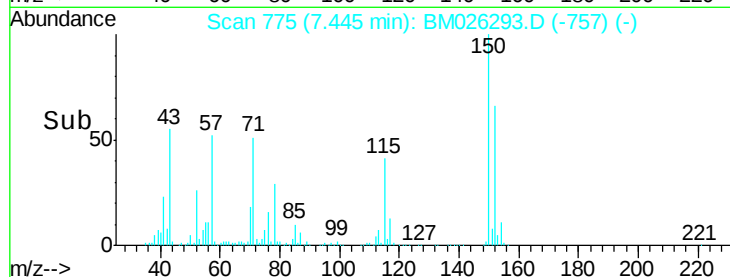
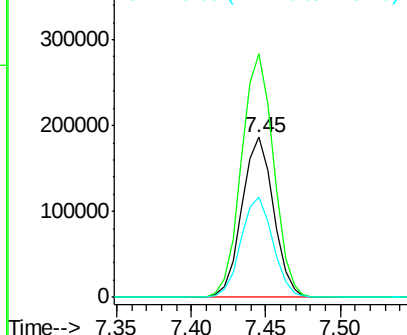
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM026293.D
Acq: 08 Jun 2020 18:57

Instrument :
BNA_M
ClientSampleId :
SP-2ARE

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.1	183.1
115	63.0	49.7	74.5



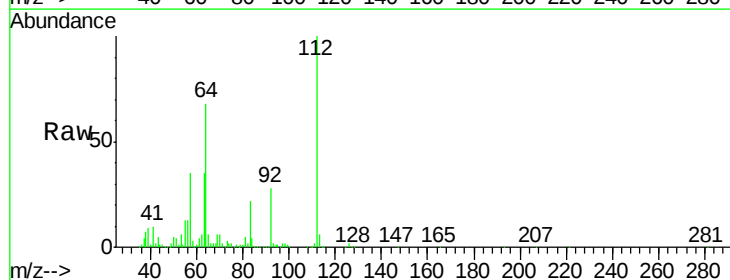
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



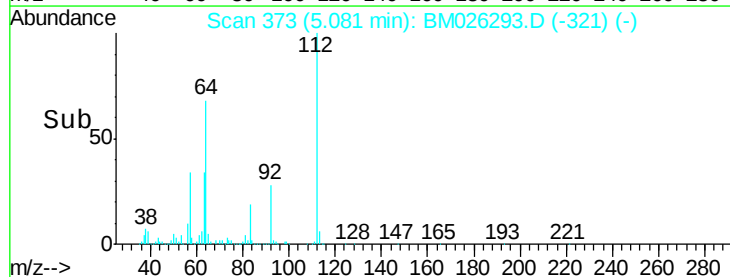
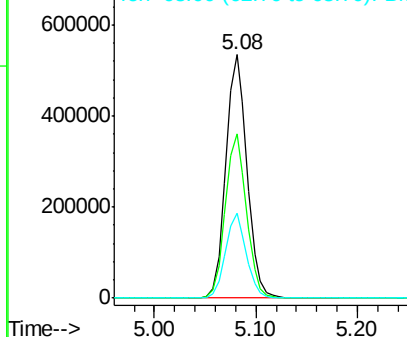
#5

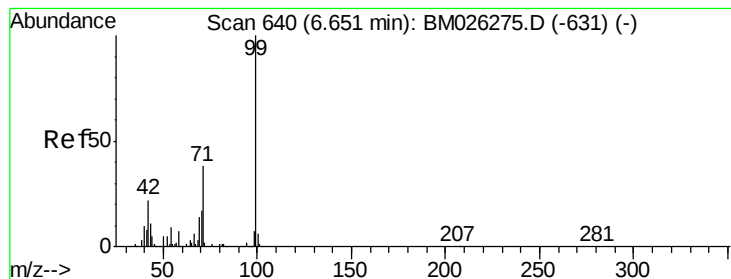
2-Fluorophenol
Concen: 50.062 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.01 min
Lab File: BM026293.D
Acq: 08 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	58.1	87.1
63	34.7	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: 49.926 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Instrument :

BNA_M

ClientSampleId :

SP-2ARE

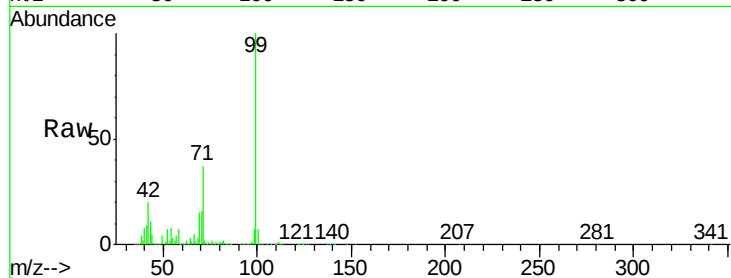
Tot Ion: 99 Resp: 1116921

Ion Ratio Lower Upper

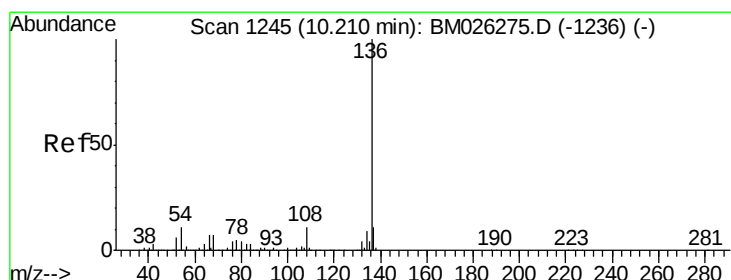
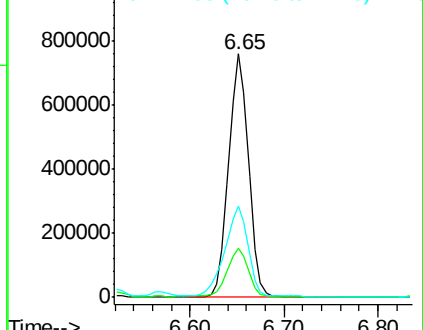
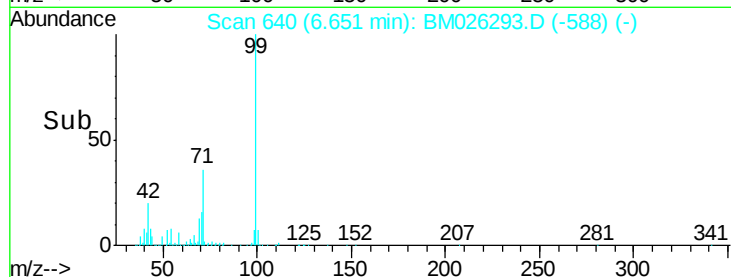
99 100

42 20.3 18.0 27.0

71 37.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026293.D (-588) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.21 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Tgt Ion: 136 Resp: 1165206

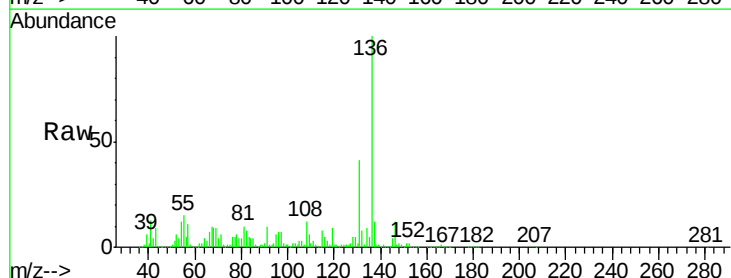
Ion Ratio Lower Upper

136 100

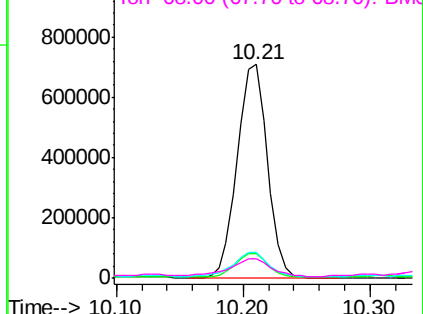
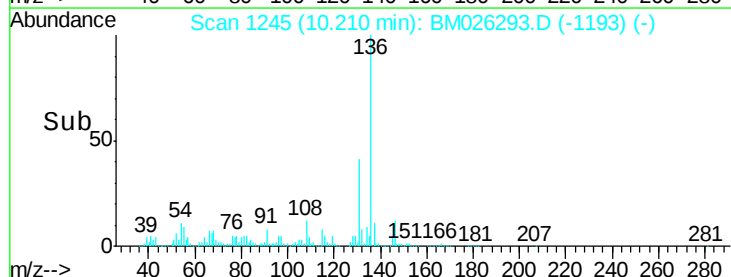
137 11.5 8.6 13.0

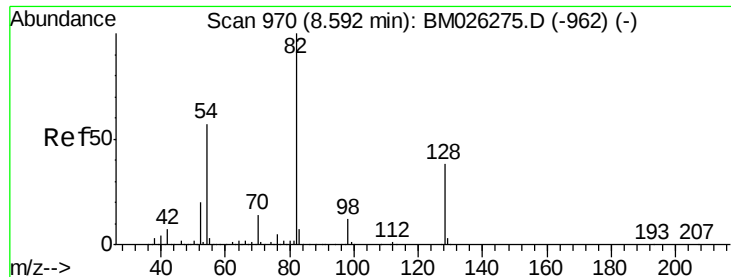
54 12.0 9.0 13.4

68 8.9 5.6 8.4#



Abundance Ion 136.00 (135.70 to 136.70): BM026293.D (-1193) (-)

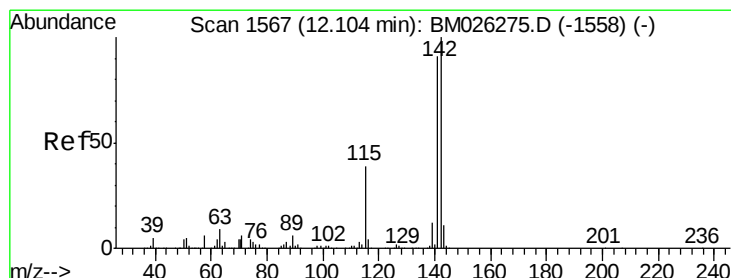
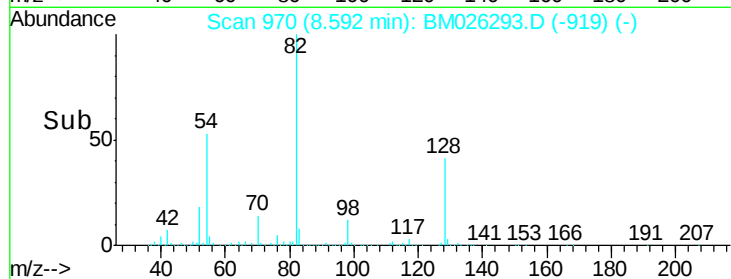
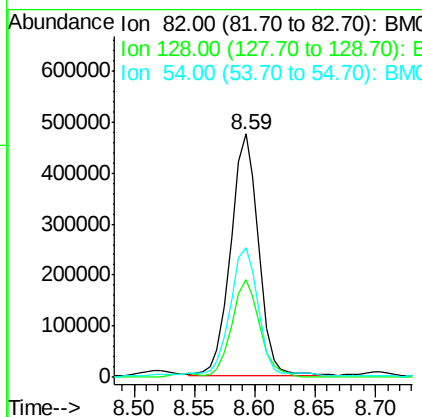
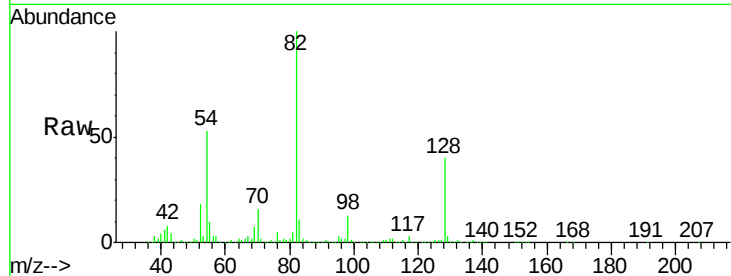




#23
 Nitrobenzene-d5
 Concen: 31.958 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM026293.D
 Acq: 08 Jun 2020 18:57

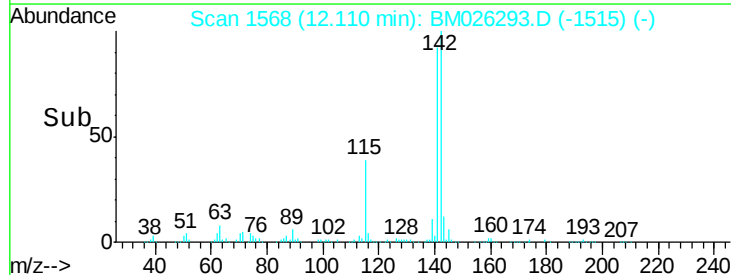
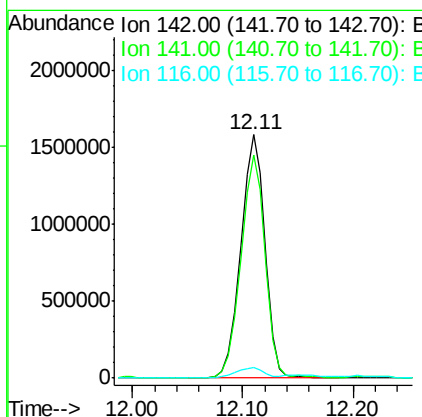
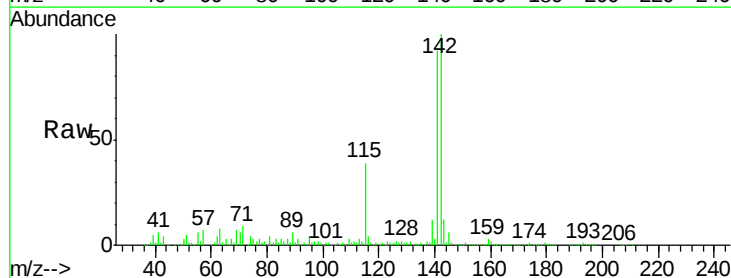
Instrument :
 BNA_M
 ClientSampleId :
 SP-2ARE

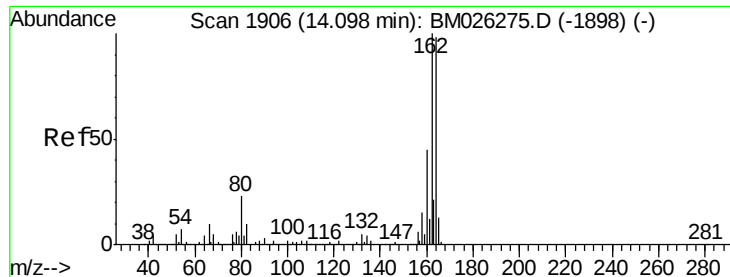
Tot Ion	82	Resp	758397
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.3	45.5
54	53.3	45.4	68.2



#38
 1-Methylnaphthalene
 Concen: 60.962 ng
 RT: 12.11 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BM026293.D
 Acq: 08 Jun 2020 18:57

Tgt Ion	142	Resp	2416404
Ion Ratio	Lower	Upper	
142	100		
141	91.7	73.1	109.7
116	4.5	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Instrument :

BNA_M

ClientSampleId :

SP-2ARE

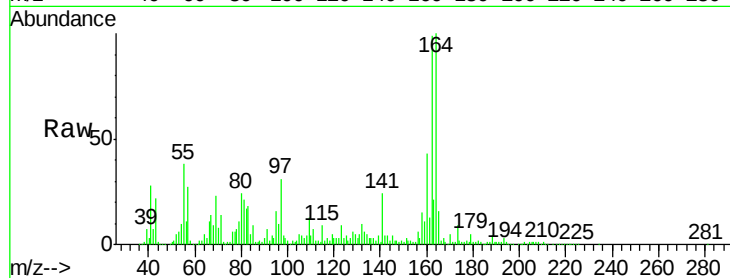
Tot Ion:164 Resp: 726541

Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.2

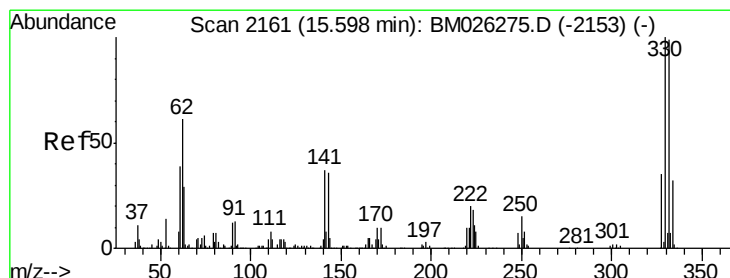
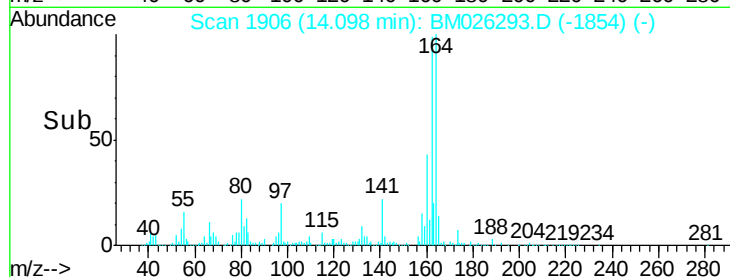
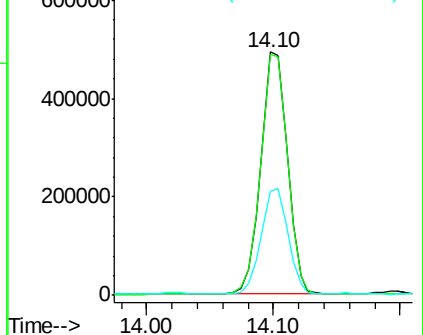
160 43.0 36.4 54.6



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: 44.950 ng

RT: 15.60 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

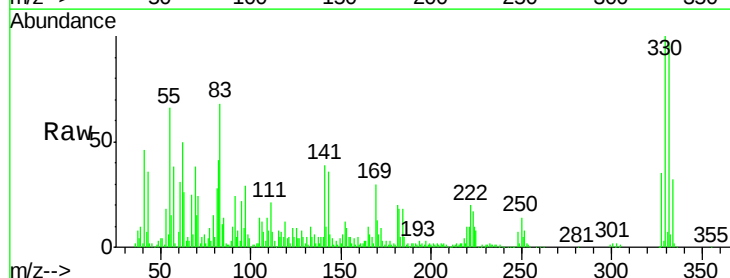
Tgt Ion:330 Resp: 395599

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

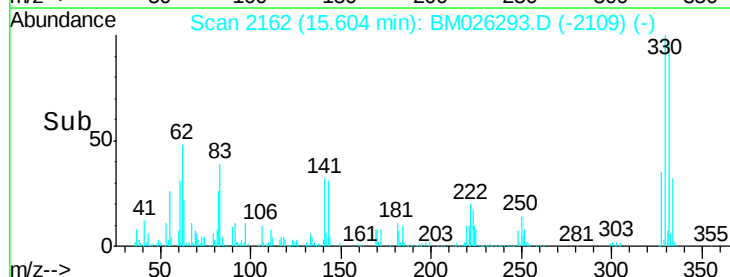
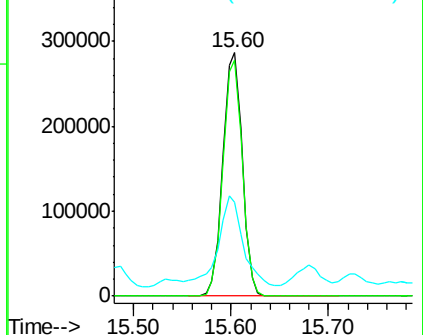
141 46.5 30.0 45.0#

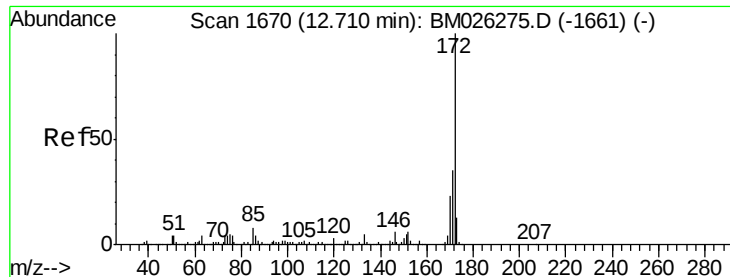


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

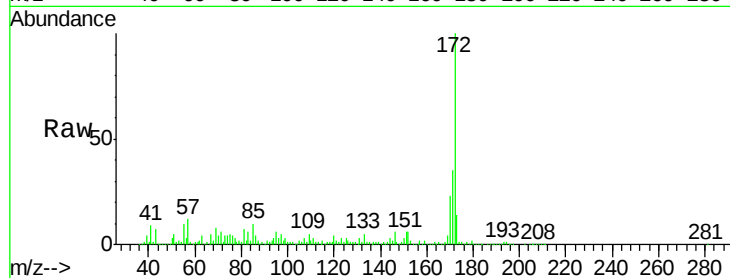




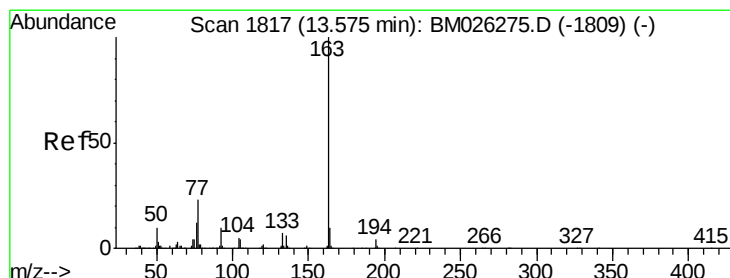
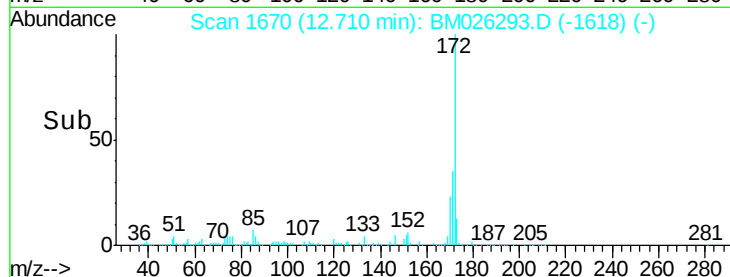
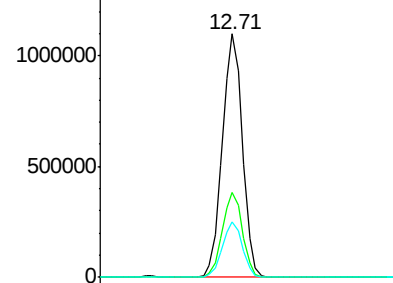
#45
2-Fluorobiphenyl
Concen: 32.730 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM026293.D
Acq: 08 Jun 2020 18:57

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 1566561
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 22.6 18.3 27.5

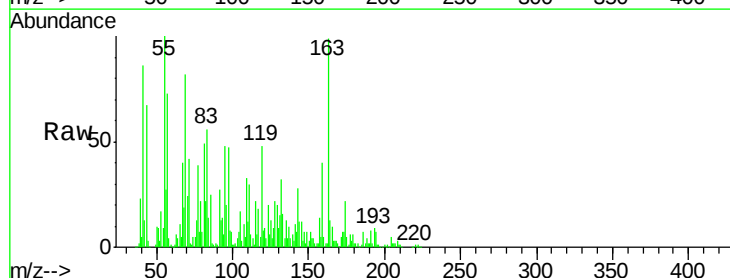


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

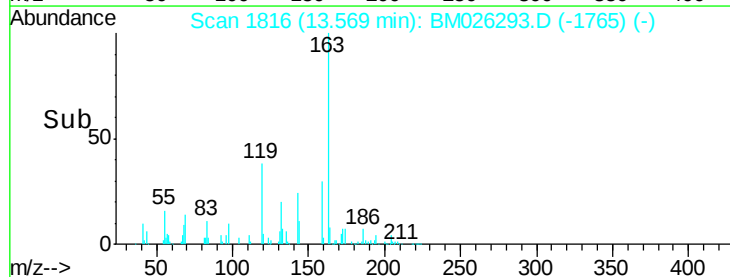
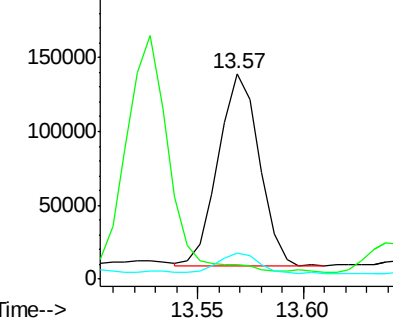


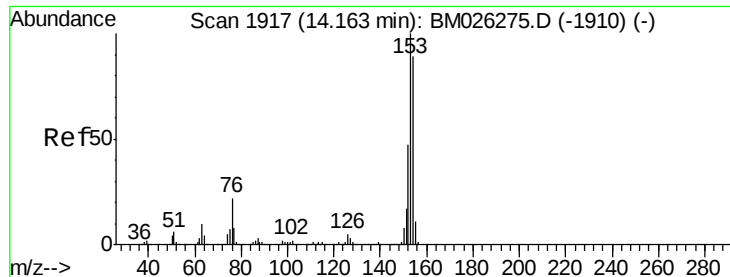
#50
Dimethylphthalate
Concen: 3.273 ng
RT: 13.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM026293.D
Acq: 08 Jun 2020 18:57

Tgt Ion:163 Resp: 173932
Ion Ratio Lower Upper
163 100
194 6.8 3.4 5.2#
164 12.7 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 2.889 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Instrument :

BNA_M

ClientSampleId :

SP-2ARE

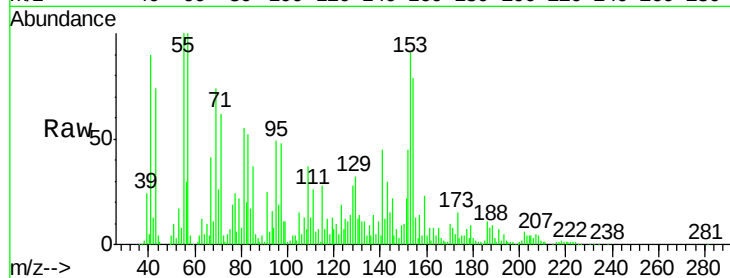
Tot Ion:154 Resp: 114783

Ion Ratio Lower Upper

154 100

153 114.6 89.6 134.4

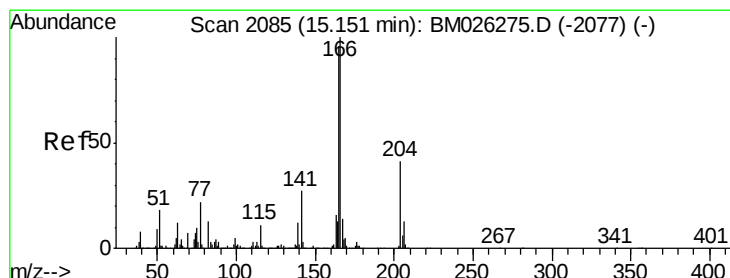
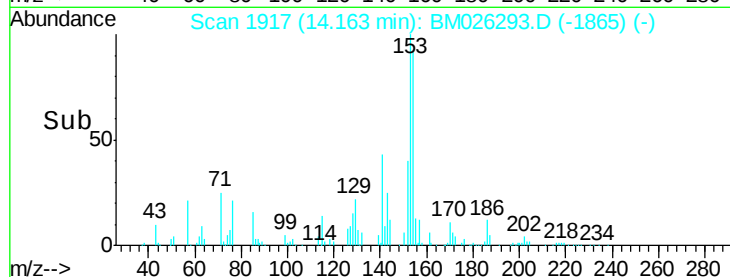
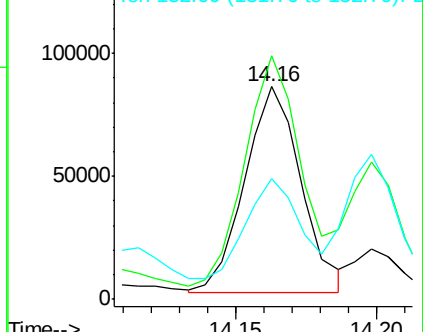
152 56.9 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 4.729 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

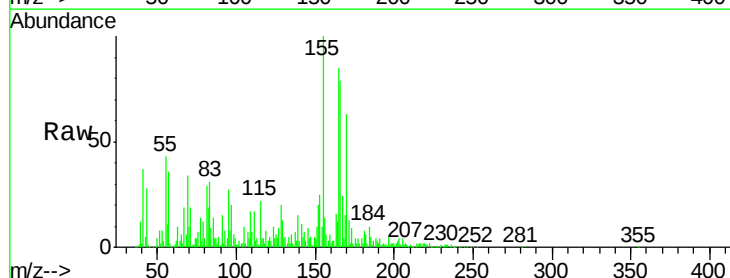
Tgt Ion:166 Resp: 245869

Ion Ratio Lower Upper

166 100

165 107.1 76.7 115.1

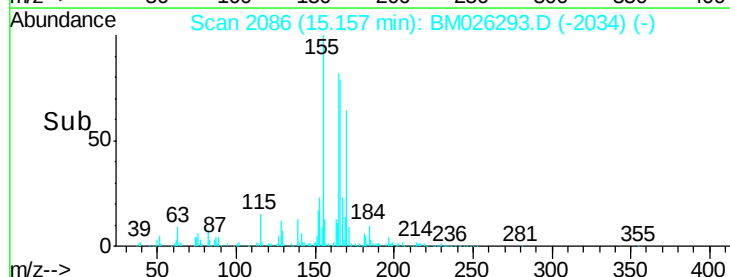
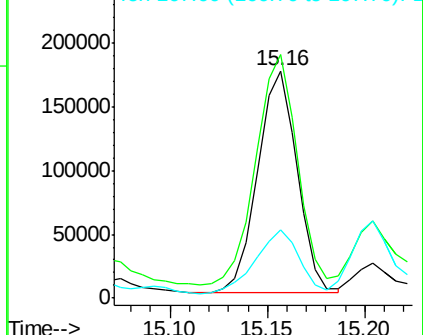
167 30.0 11.0 16.4#

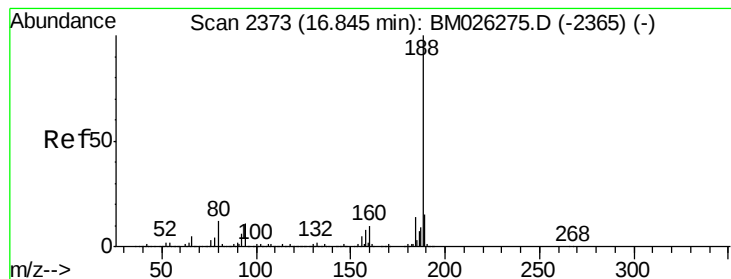


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

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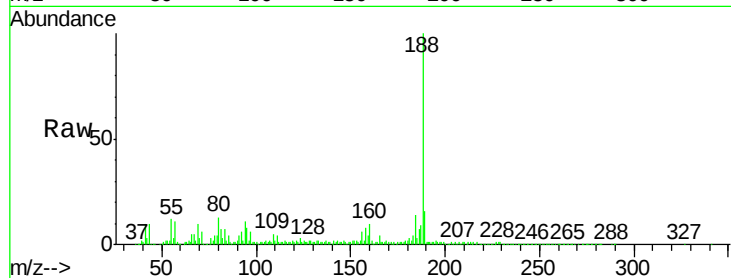
Tot Ion:188 Resp: 1317491

Ion Ratio Lower Upper

188 100

94 11.0 8.6 12.8

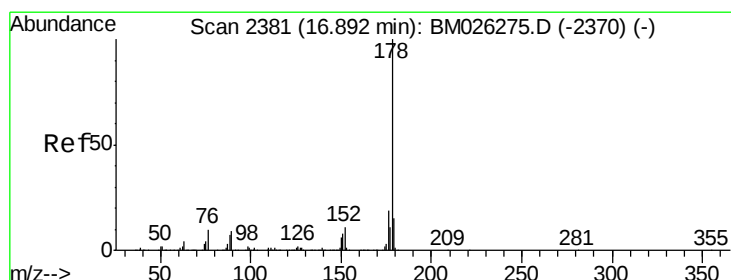
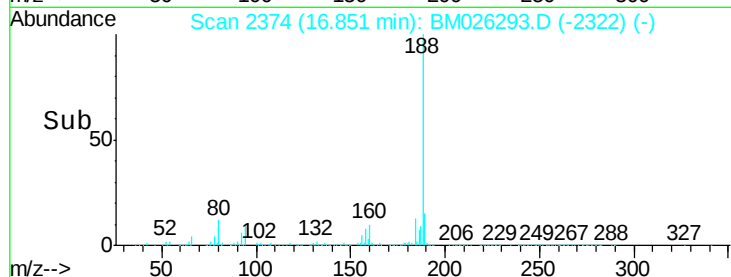
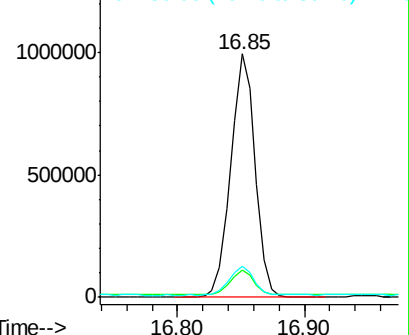
80 12.6 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#71

Phenanthrene

Concen: 8.136 ng

RT: 16.89 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

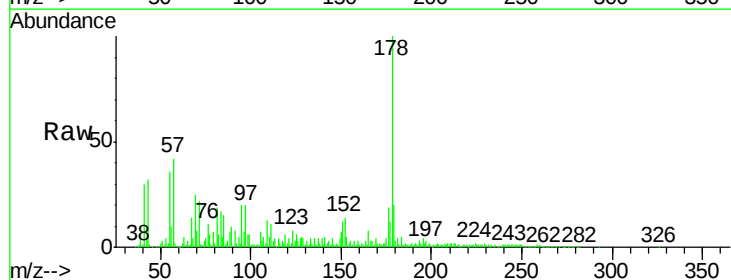
Tgt Ion:178 Resp: 558221

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

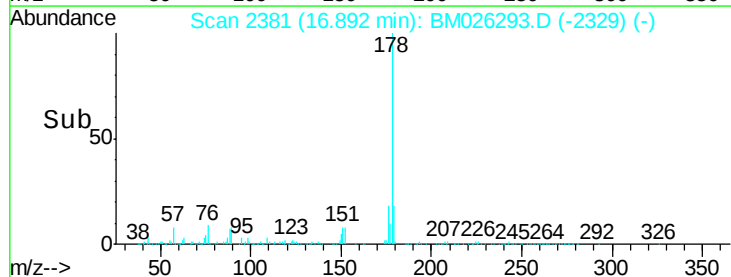
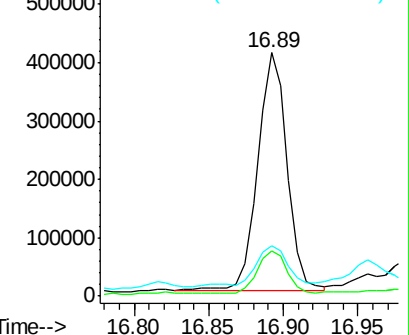
179 20.4 12.0 18.0#

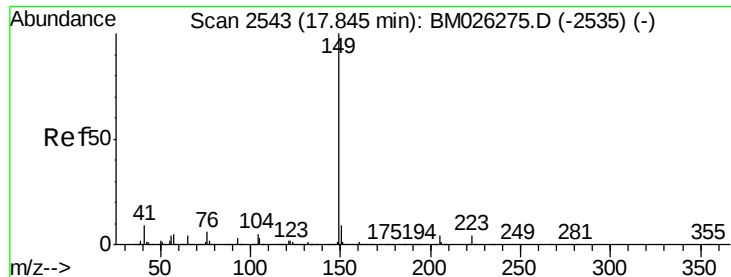


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 3.409 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Instrument :

BNA_M

ClientSampleId :

SP-2ARE

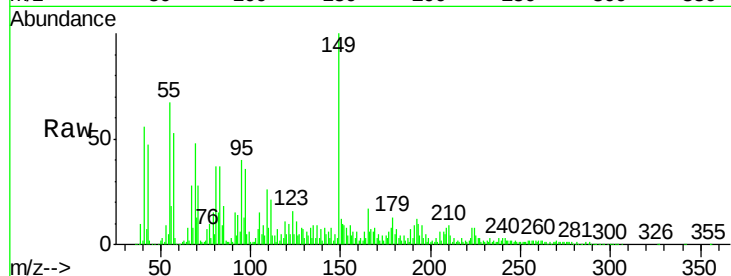
Tot Ion:149 Resp: 261067

Ion Ratio Lower Upper

149 100

150 12.2 7.1 10.7#

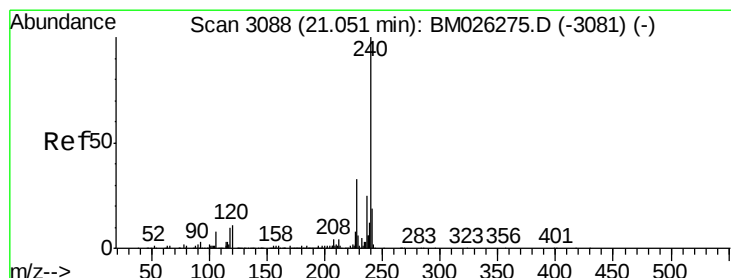
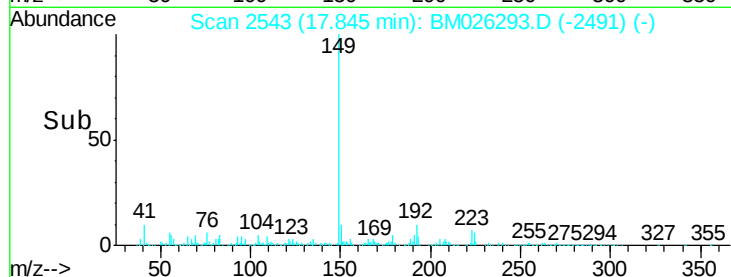
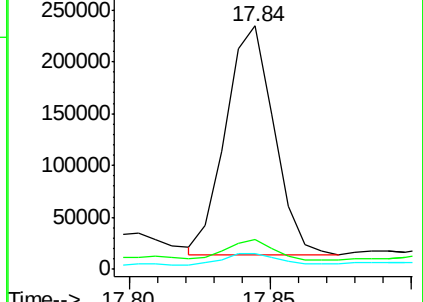
104 6.6 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

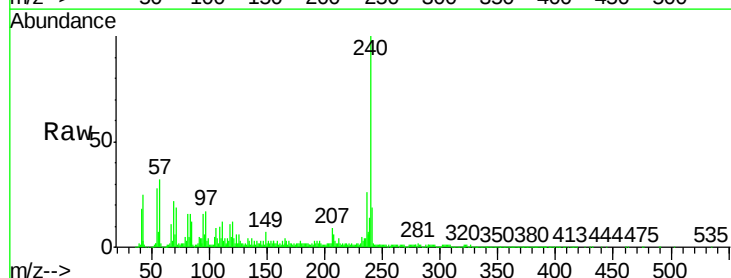
Tgt Ion:240 Resp: 1037291

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

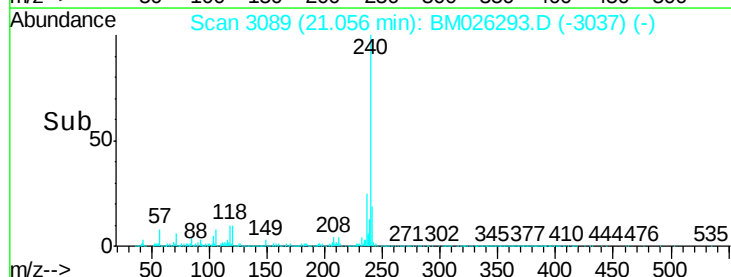
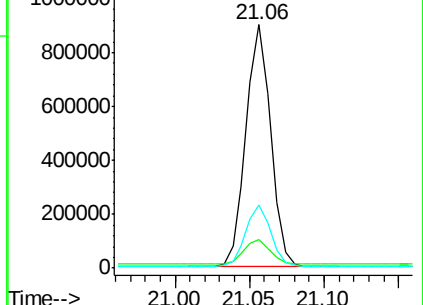
236 26.2 19.7 29.5

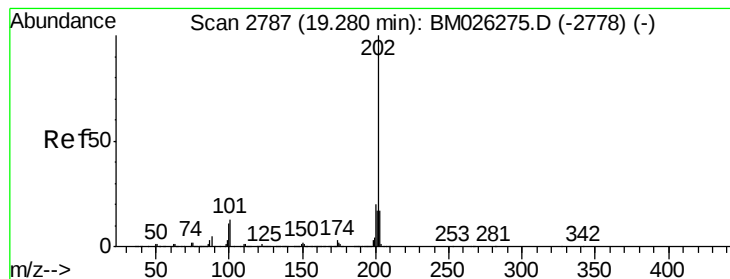


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.494 ng

RT: 19.28 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Instrument :

BNA_M

ClientSampleId :

SP-2ARE

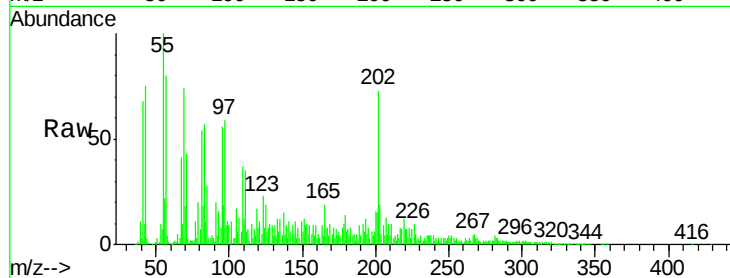
Tot Ion:202 Resp: 170959

Ion Ratio Lower Upper

202 100

200 21.3 16.2 24.4

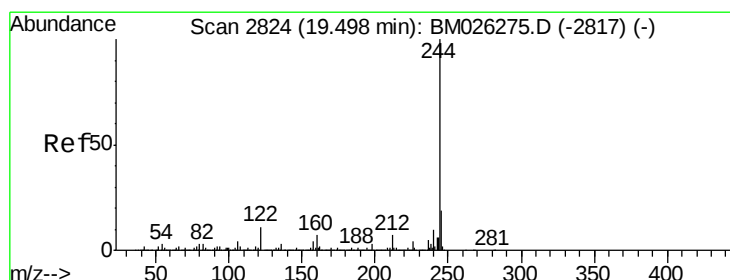
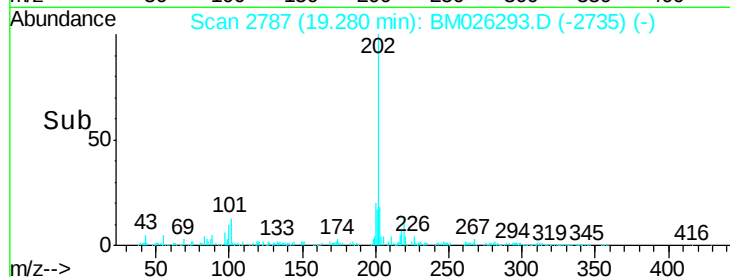
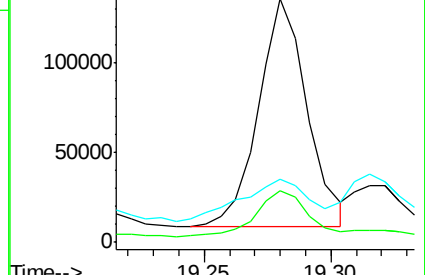
203 26.2 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 34.016 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

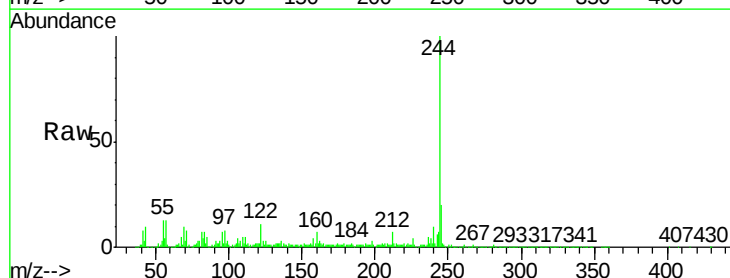
Tgt Ion:244 Resp: 1817674

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

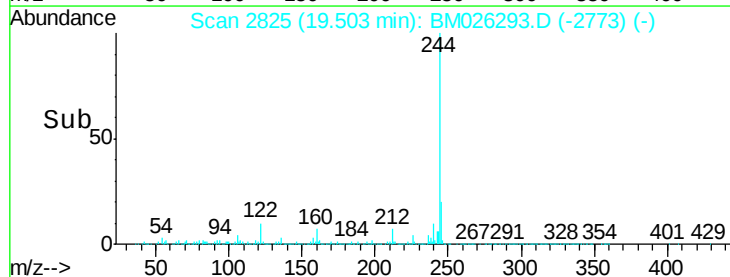
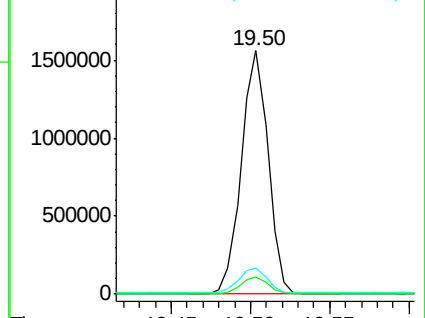
122 10.9 9.1 13.7

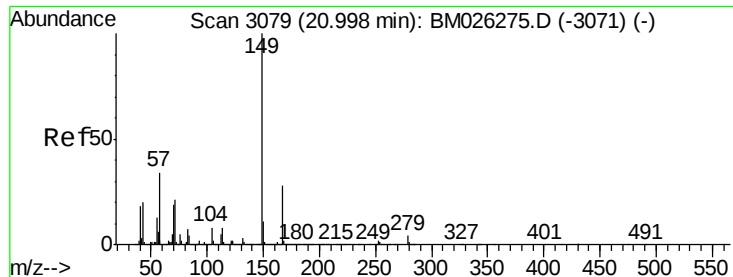


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.210 ng

RT: 21.00 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

Instrument :

BNA_M

ClientSampleId :

SP-2ARE

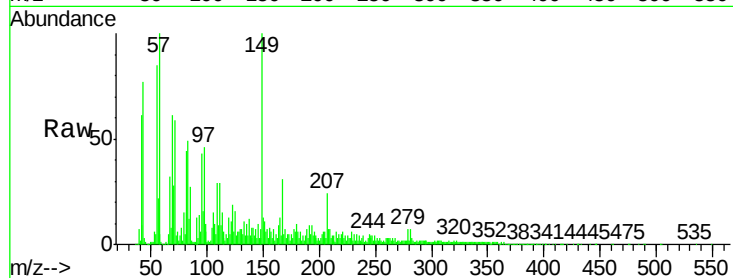
Tot Ion:149 Resp: 245408

Ion Ratio Lower Upper

149 100

167 31.0 22.2 33.4

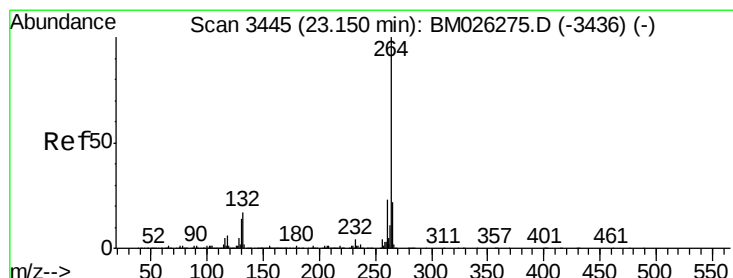
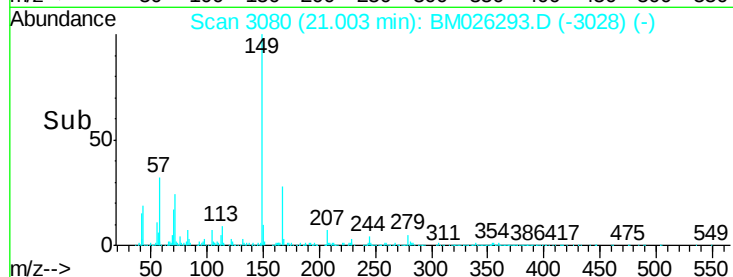
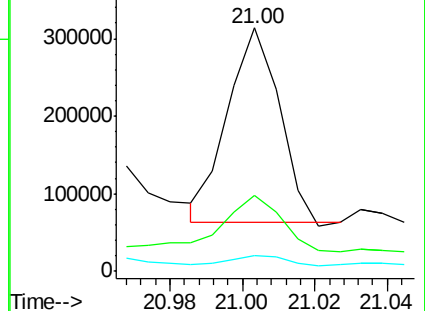
279 6.6 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.17 min Scan# 3449

Delta R.T. 0.02 min

Lab File: BM026293.D

Acq: 08 Jun 2020 18:57

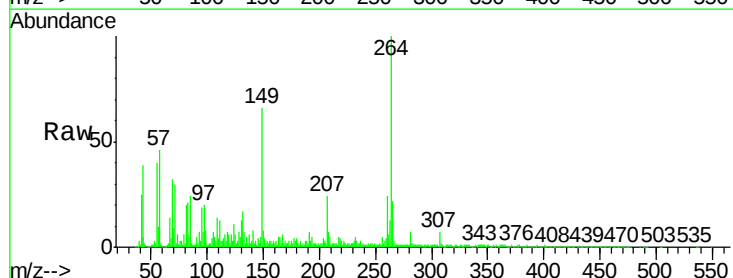
Tgt Ion:264 Resp: 1077365

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.3 18.2 27.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

