

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020530.D
 Acq On : 23 May 2019 23:46
 Operator : JU/SJ
 Sample : K2968-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFFL-5B

Quant Time: May 24 02:12:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

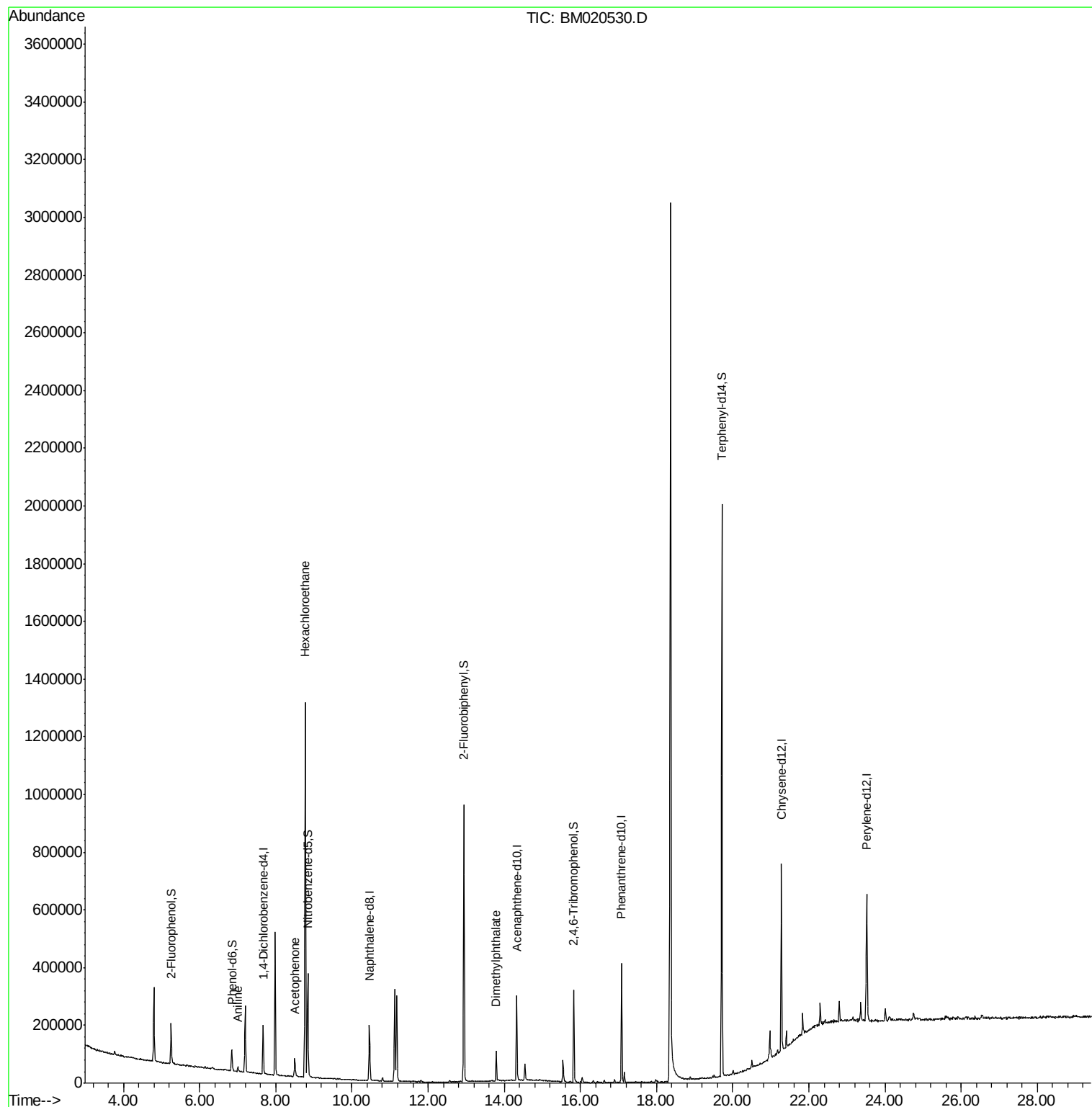
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	45900	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	152069	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	94187	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	243308	20.00	ng	0.00
76) Chrysene-d12	21.27	240	298203	20.00	ng	-0.01
87) Perylene-d12	23.52	264	345336	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	58974	21.00	ng	0.00
7) Phenol-d6	6.84	99	46863	12.22	ng	-0.01
23) Nitrobenzene-d5	8.84	82	249166	64.69	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	67795	46.37	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	485825	63.46	ng	0.00
79) Terphenyl-d14	19.72	244	960763	56.20	ng	0.00
Target Compounds						
6) Aniline	7.00	93	13351	2.765	ng	98
18) Hexachloroethane	8.77	117	71416	47.661	ng	# 8
22) Acetophenone	8.50	105	37424	9.005	ng	# 96
50) Dimethylphthalate	13.79	163	60486	7.556	ng	98

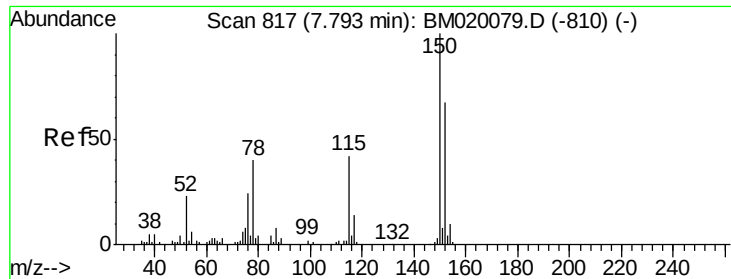
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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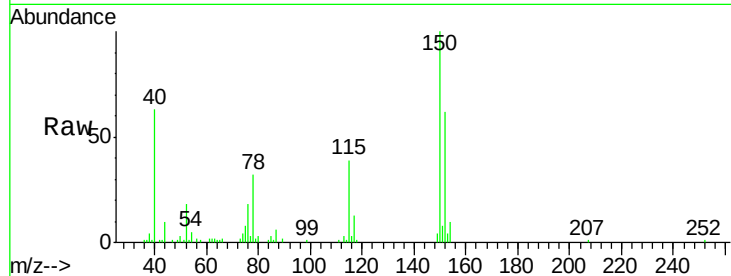


#1

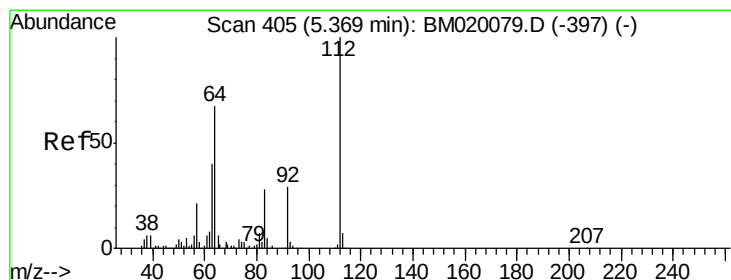
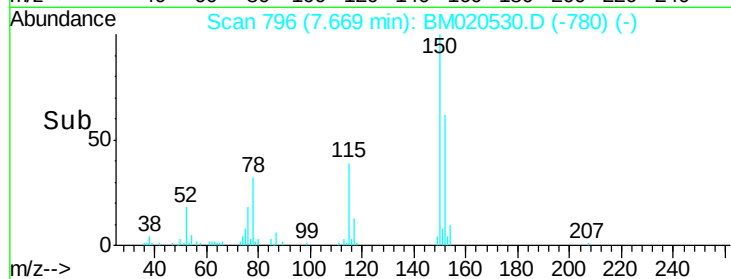
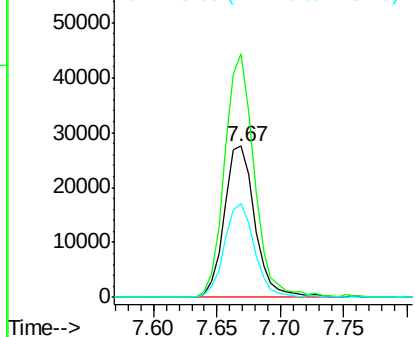
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:152 Resp: 45900
Ion Ratio Lower Upper
152 100
150 161.0 119.8 179.8
115 62.1 50.8 76.2



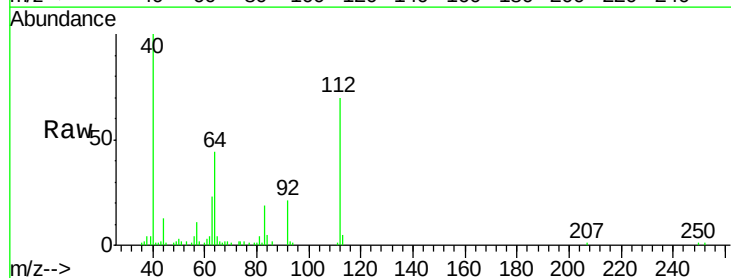
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



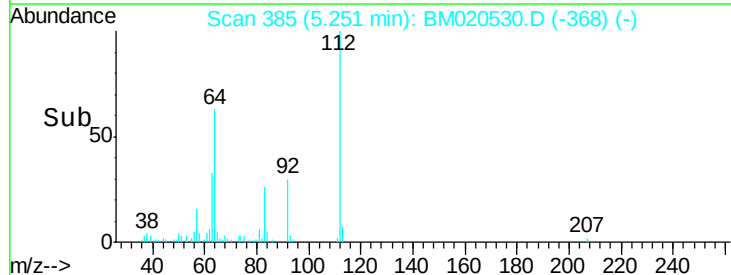
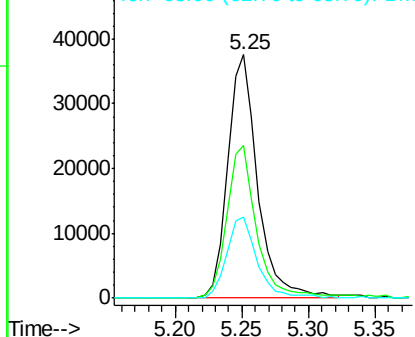
#5

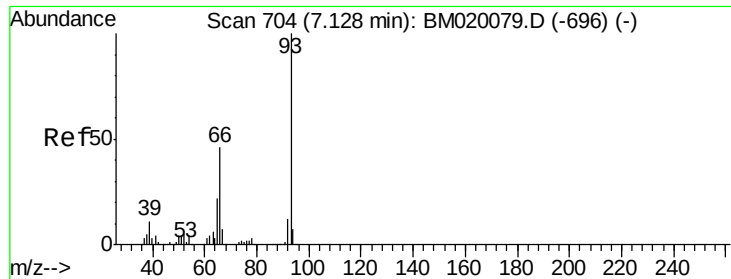
2-Fluorophenol
Concen: 21.002 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:112 Resp: 58974
Ion Ratio Lower Upper
112 100
64 62.9 53.8 80.6
63 33.3 32.3 48.5



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





#6

Aniline

Concen: 2.765 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM020530.D

Acq: 23 May 2019 23:46

Instrument :

BNA_M

ClientSampleId :

EFFL-5B

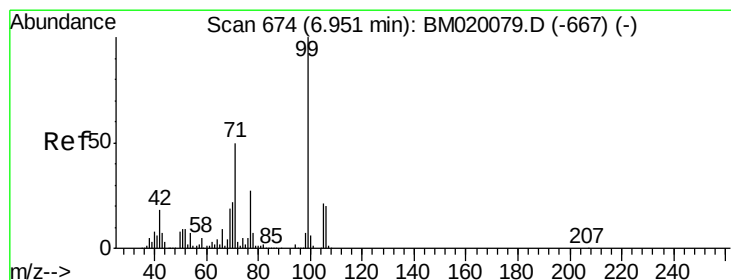
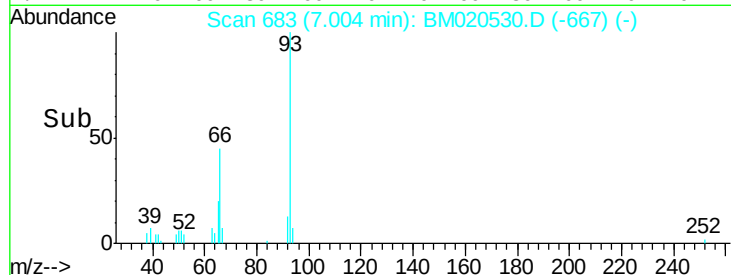
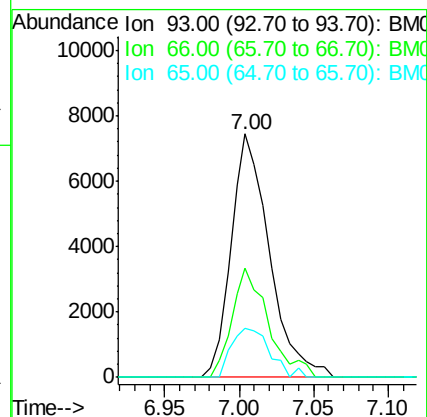
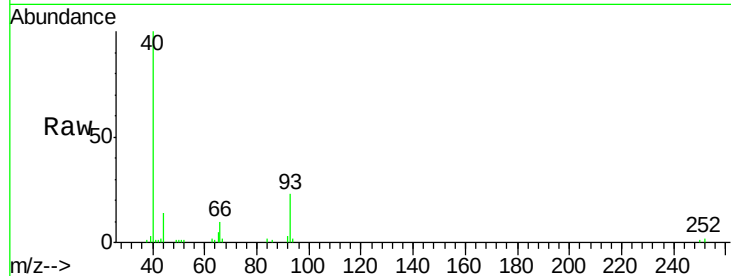
Tgt Ion: 93 Resp: 13351

Ion Ratio Lower Upper

93 100

66 44.8 36.6 54.8

65 20.0 17.8 26.6



#7

Phenol-d6

Concen: 12.216 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020530.D

Acq: 23 May 2019 23:46

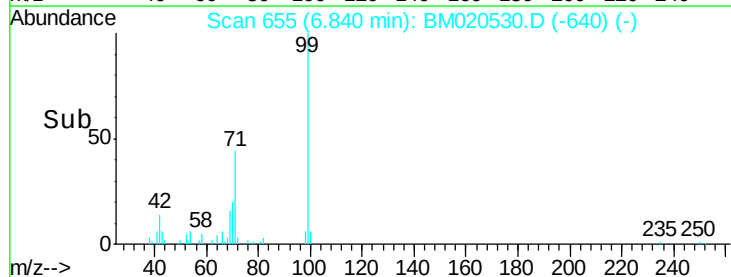
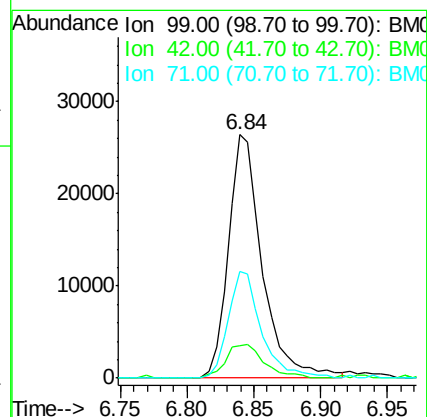
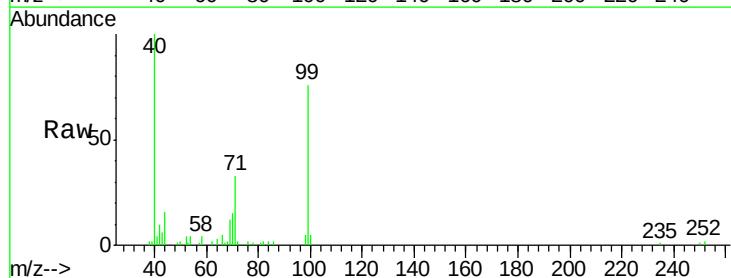
Tgt Ion: 99 Resp: 46863

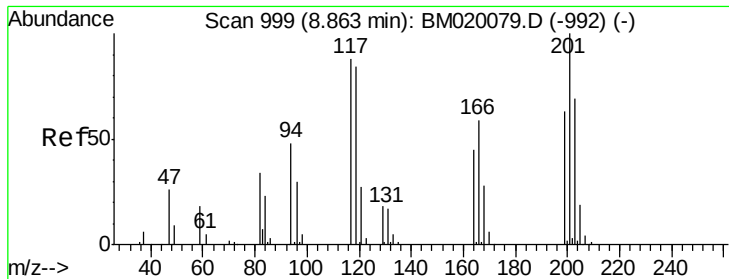
Ion Ratio Lower Upper

99 100

42 13.5 14.2 21.2#

71 43.6 40.3 60.5

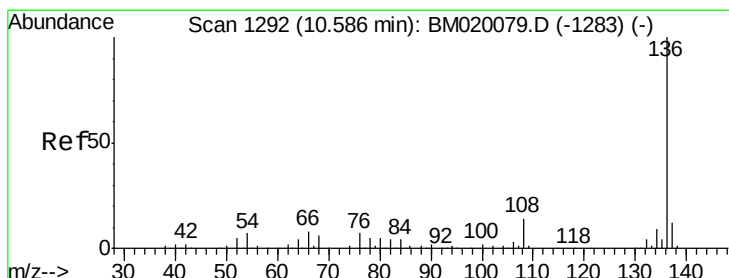
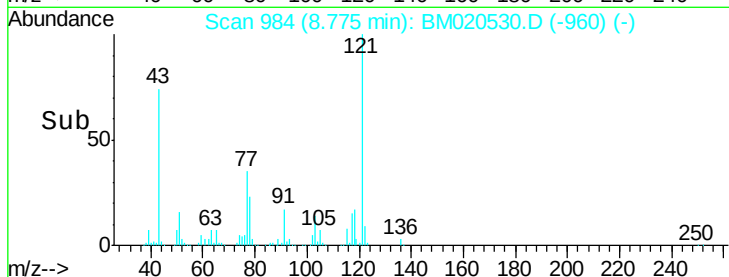
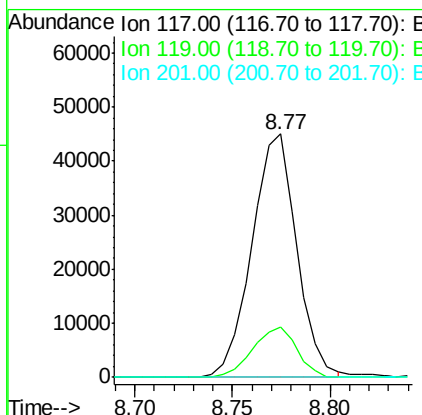
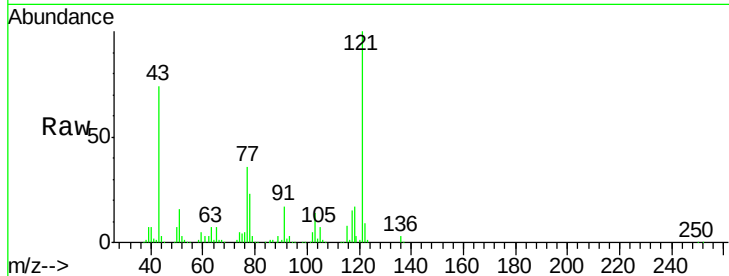




#18
Hexachloroethane
Concen: 47.661 ng
RT: 8.77 min Scan# 984
Delta R.T. 0.04 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

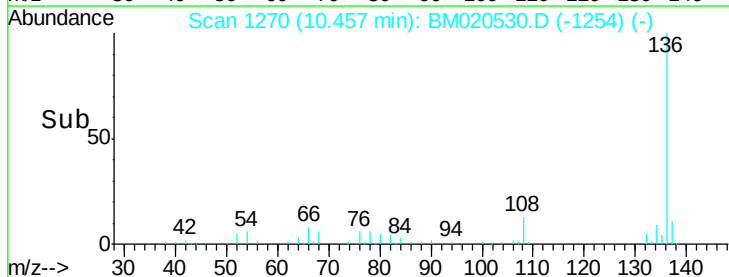
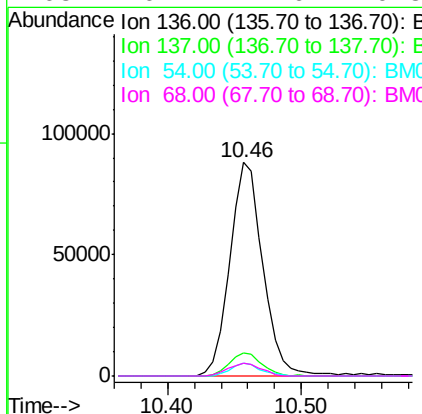
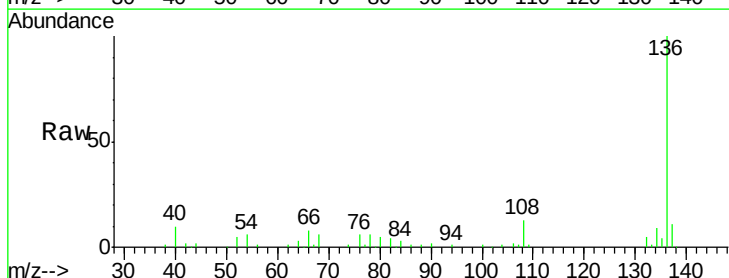
Instrument :
BNA_M
ClientSampleId :
EFFL-5B

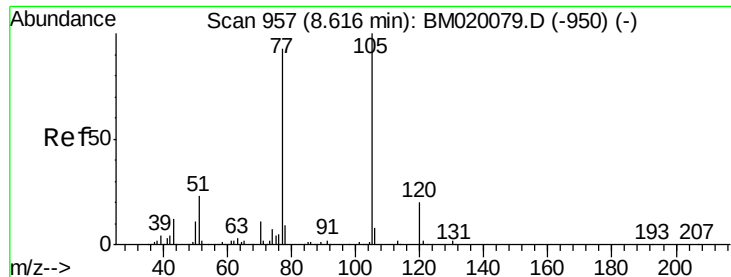
Tgt Ion:117 Resp: 71416
Ion Ratio Lower Upper
117 100
119 20.6 76.6 114.8#
201 0.0 90.7 136.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:136 Resp: 152069
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 6.0 5.5 8.3
68 6.1 4.6 6.8





#22

Acetophenone

Concen: 9.005 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM020530.D

Acq: 23 May 2019 23:46

Instrument :

BNA_M

ClientSampleId :

EFFL-5B

Tgt Ion: 105 Resp: 37424

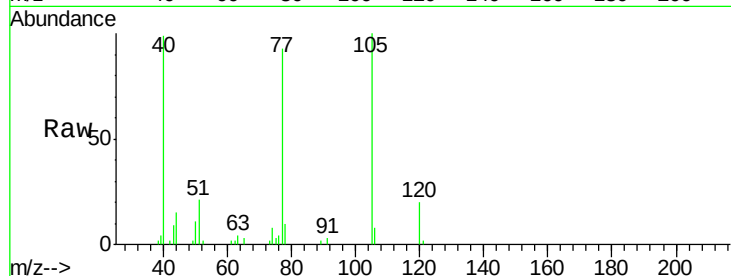
Ion Ratio Lower Upper

105 100

71 0.0 2.2 3.2#

51 20.8 19.3 28.9

120 20.4 16.2 24.4

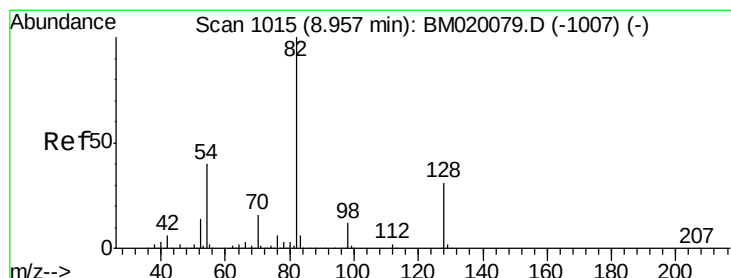
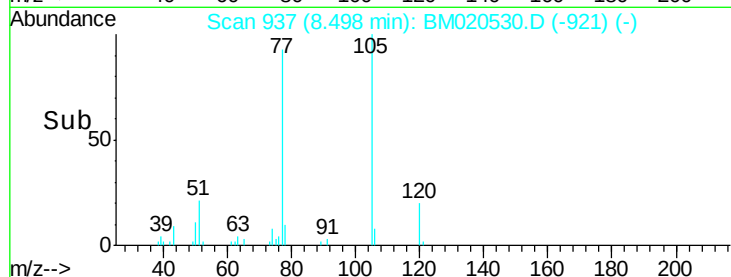
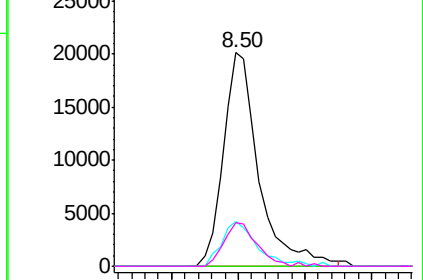


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 64.688 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BM020530.D

Acq: 23 May 2019 23:46

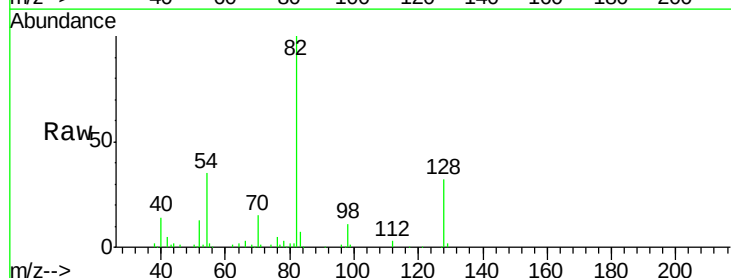
Tgt Ion: 82 Resp: 249166

Ion Ratio Lower Upper

82 100

128 31.8 25.2 37.8

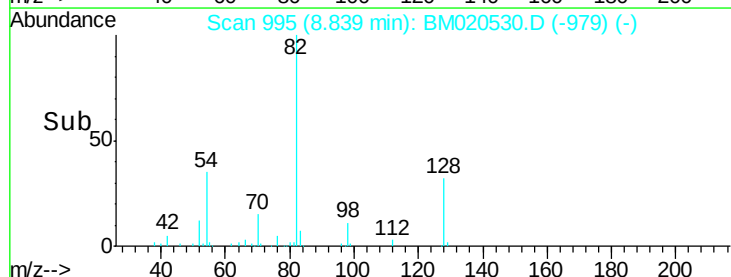
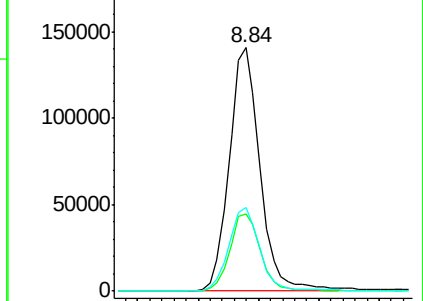
54 34.6 31.9 47.9

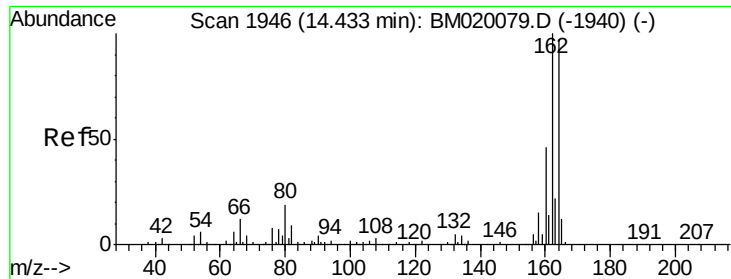


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020530.D

Acq: 23 May 2019 23:46

Instrument :

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ClientSampleId :

EFFL-5B

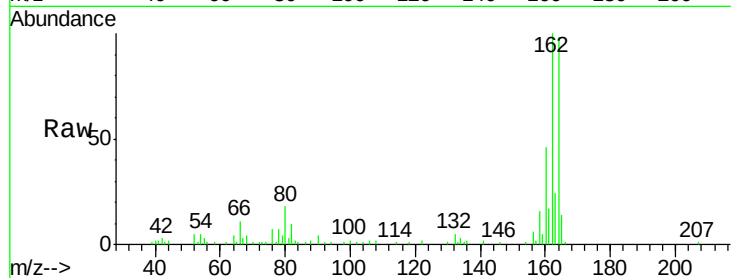
Tgt Ion:164 Resp: 94187

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

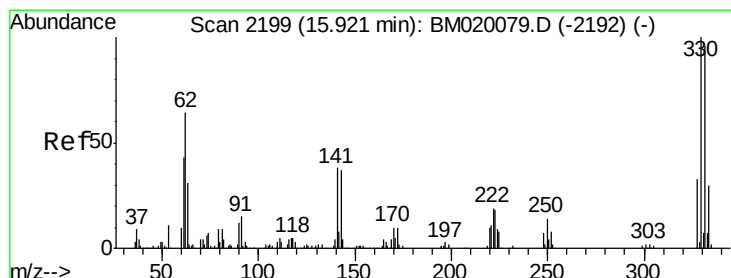
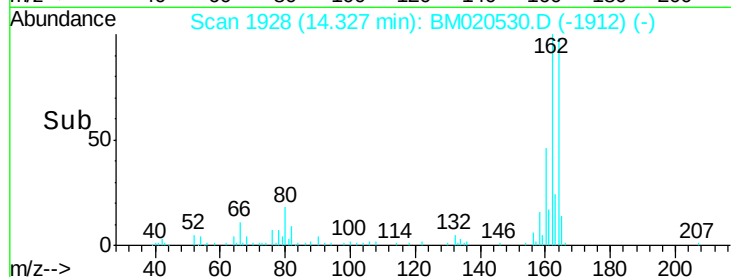
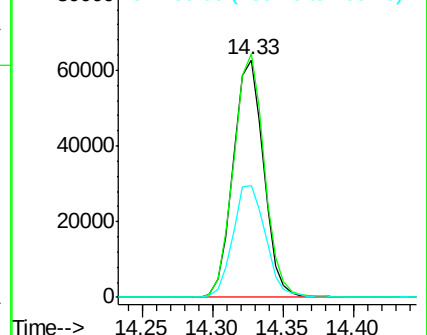
160 47.3 37.6 56.4



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: 46.373 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020530.D

Acq: 23 May 2019 23:46

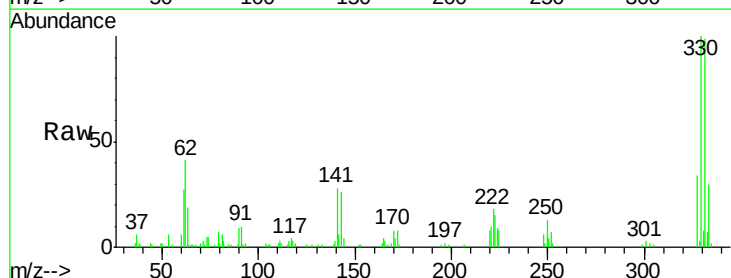
Tgt Ion:330 Resp: 67795

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

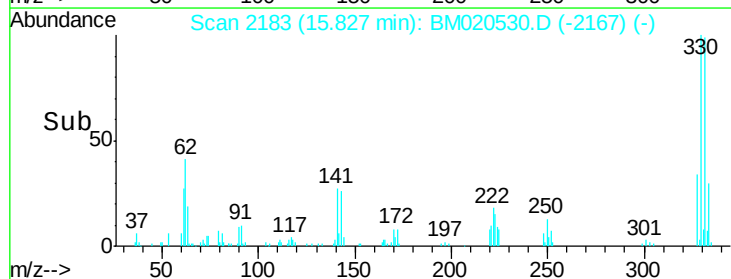
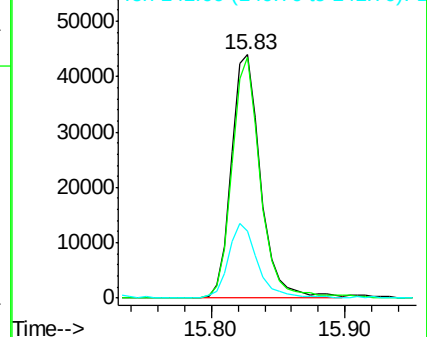
141 30.7 29.2 43.8

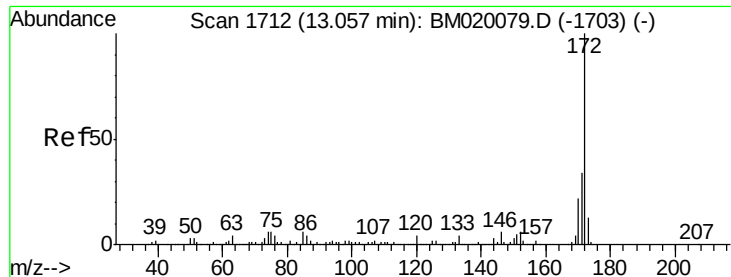


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

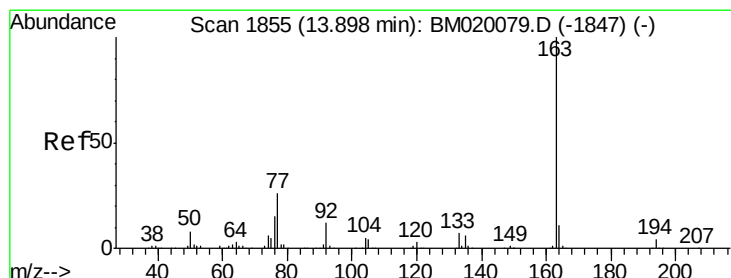
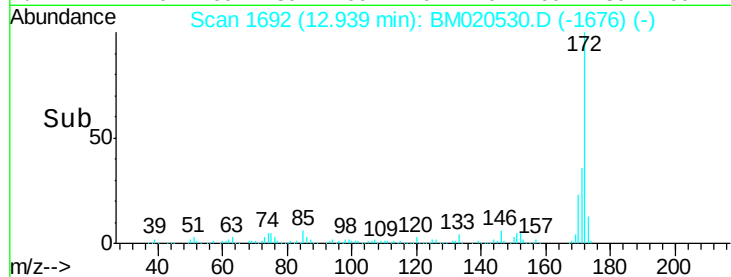
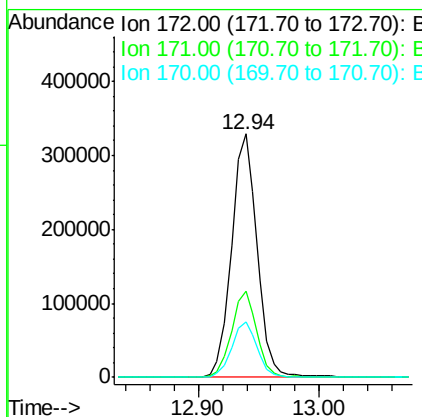
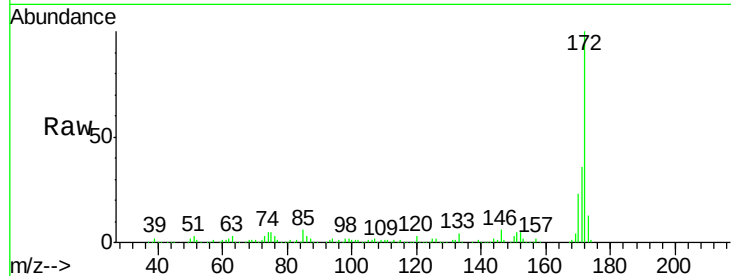




#45
2-Fluorobiphenyl
Concen: 63.463 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

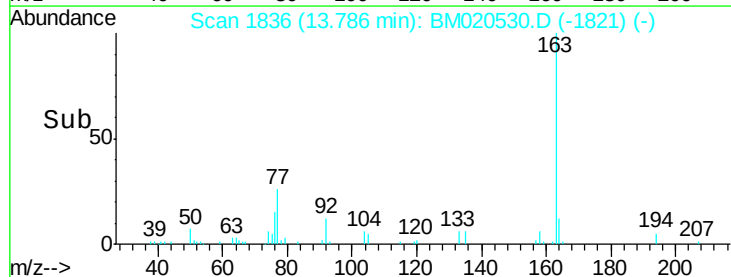
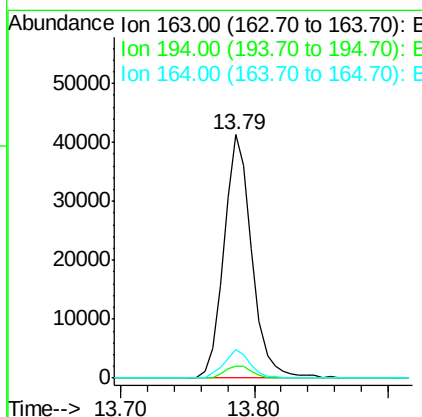
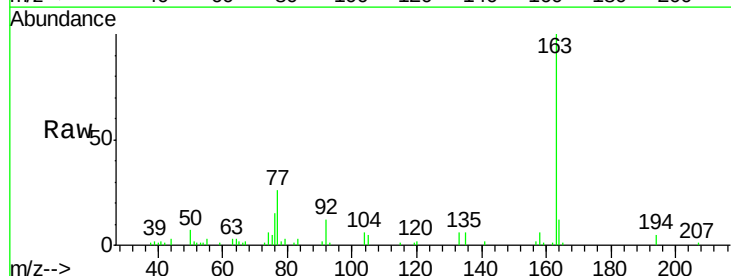
Instrument :
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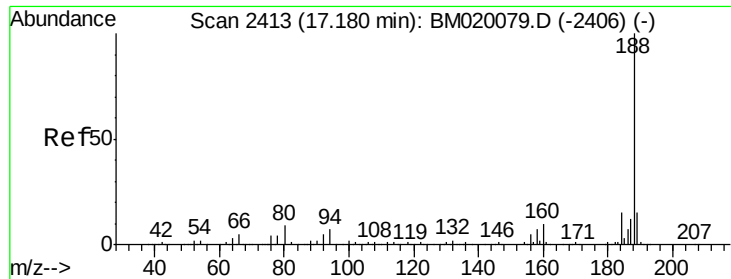
Tgt Ion:172 Resp: 485825
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 22.8 17.9 26.9



#50
Dimethylphthalate
Concen: 7.556 ng
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:163 Resp: 60486
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 11.5 8.4 12.6

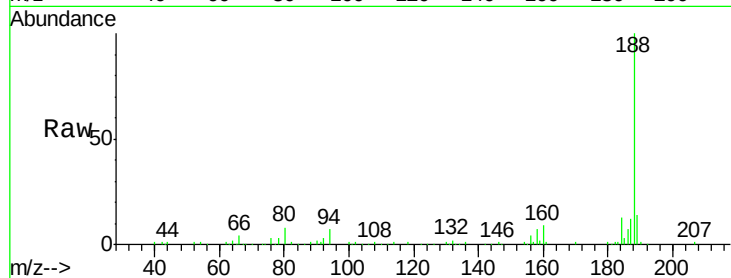




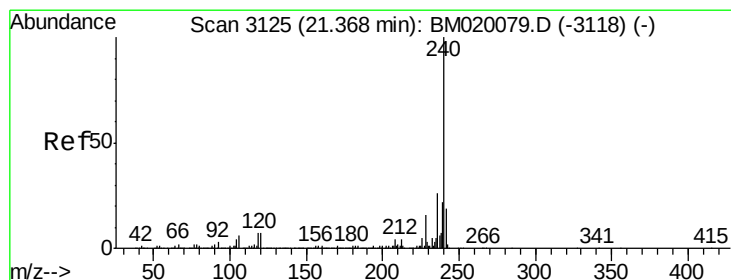
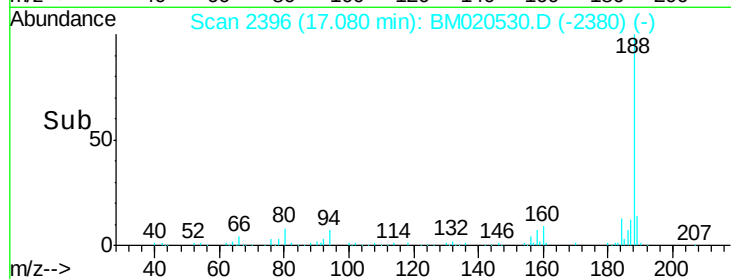
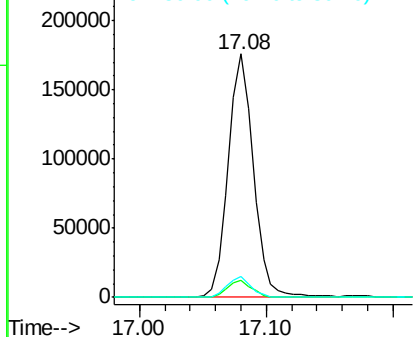
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:188 Resp: 243308
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 8.5 7.4 11.2

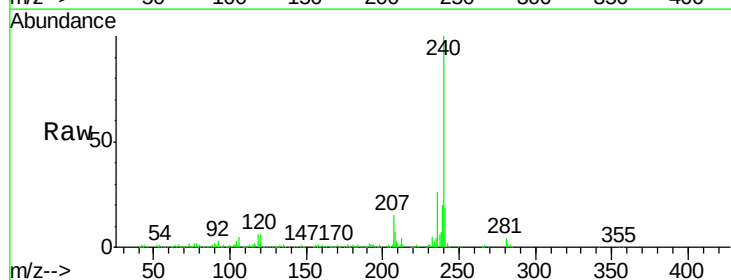


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

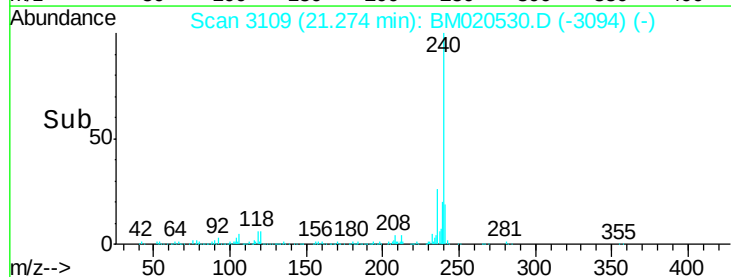
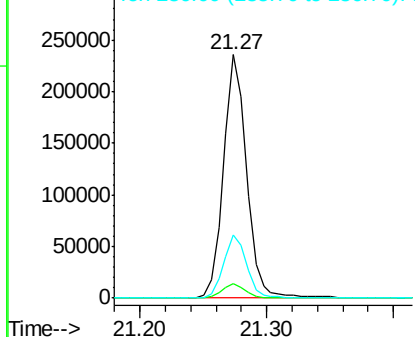


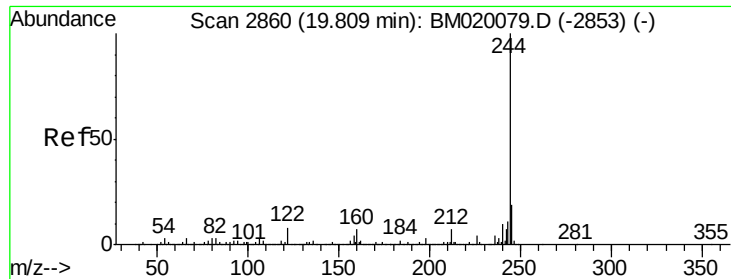
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:240 Resp: 298203
Ion Ratio Lower Upper
240 100
120 5.7 5.6 8.4
236 25.9 20.9 31.3



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

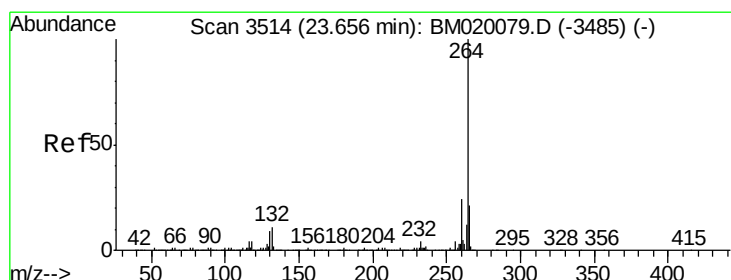
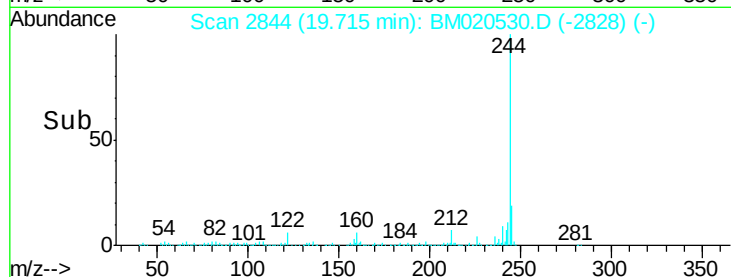
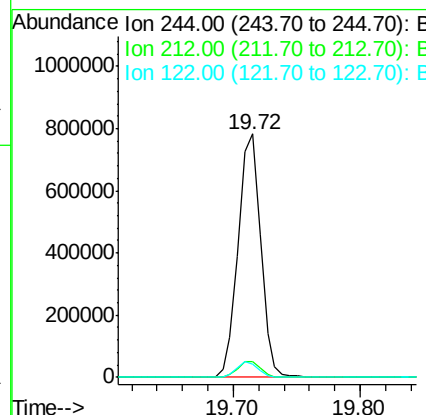
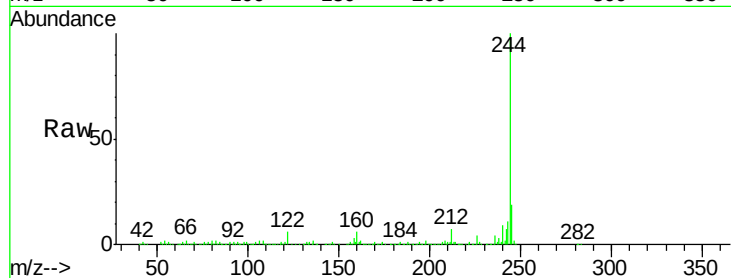




#79
 Terphenyl-d14
 Concen: 56.196 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020530.D
 Acq: 23 May 2019 23:46

Instrument :
 BNA_M
 ClientSampleId :
 EFFL-5B

Tgt Ion:244 Resp: 960763
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 5.7 6.2 9.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.52 min Scan# 3491
 Delta R.T. -0.01 min
 Lab File: BM020530.D
 Acq: 23 May 2019 23:46

Tgt Ion:264 Resp: 345336
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.5 16.9 25.3

