

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 03:39:23 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

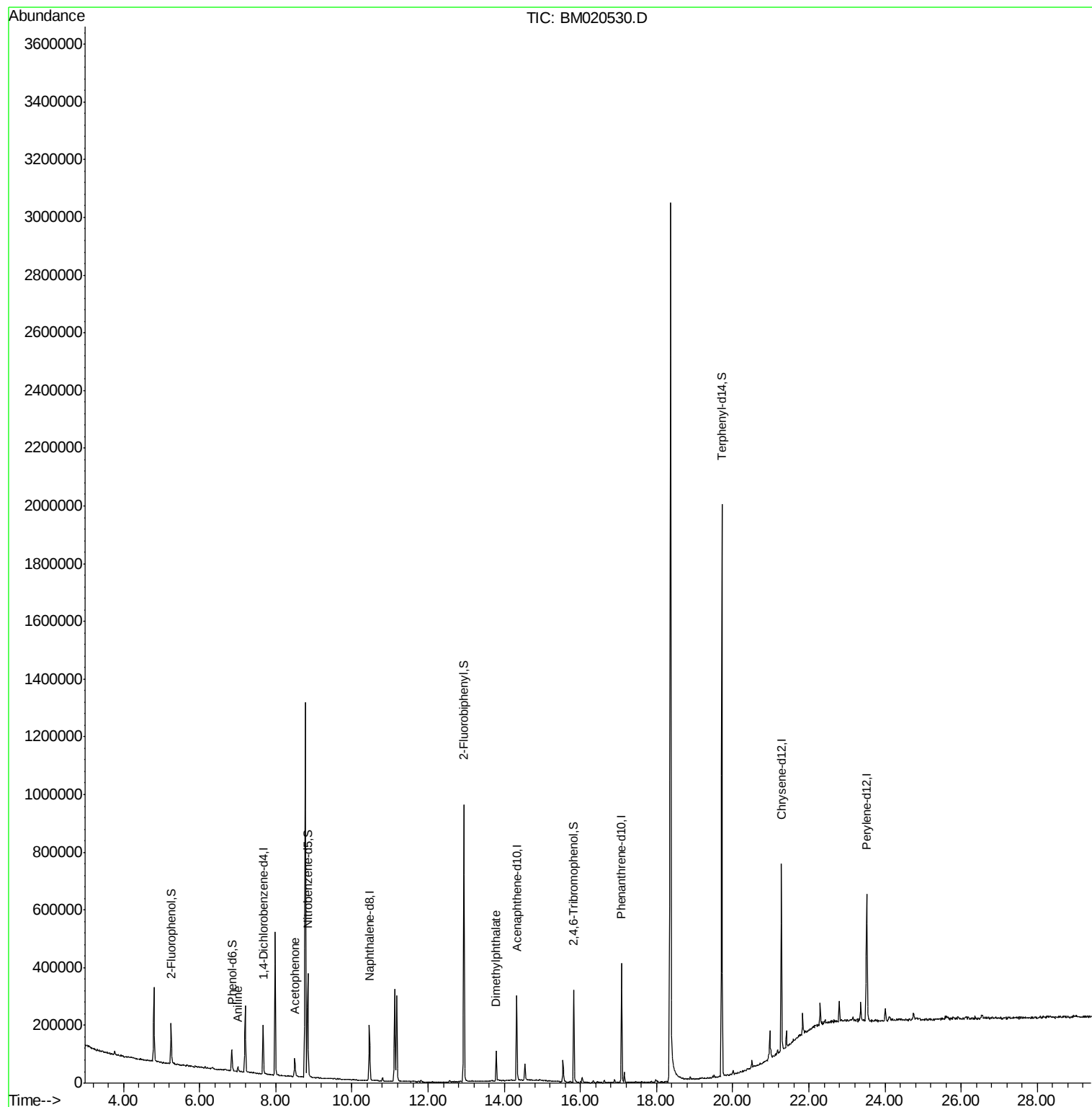
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	45900	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	152069	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	94187	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	243308	20.00	ng	0.00
76) Chrysene-d12	21.27	240	298203	20.00	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
22) Acetophenone	8.50	105	37424	9.005	ng	# 96
50) Dimethylphthalate	13.79	163	60486	7.556	ng	98

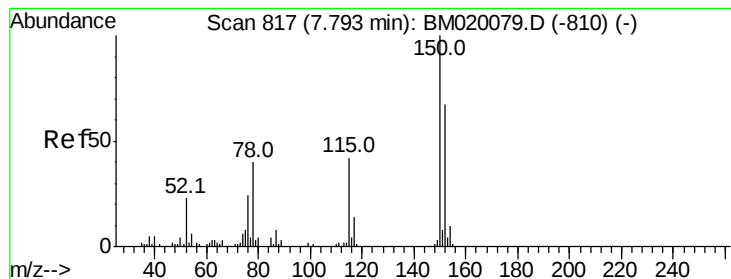
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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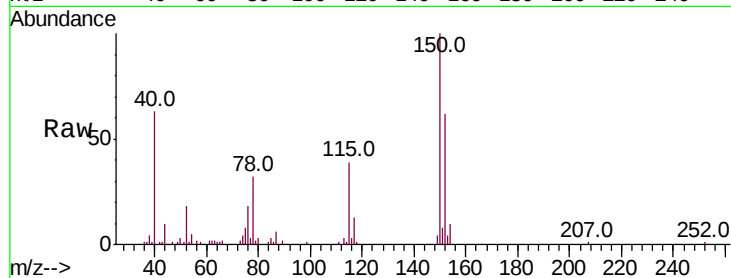


#1

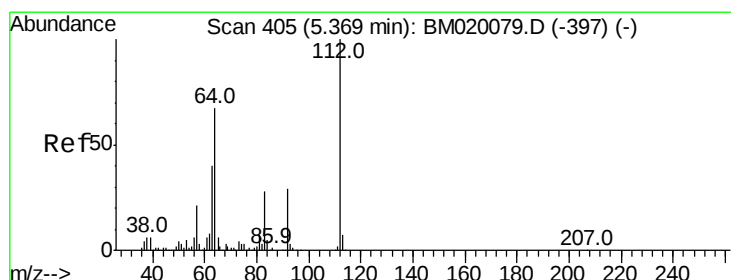
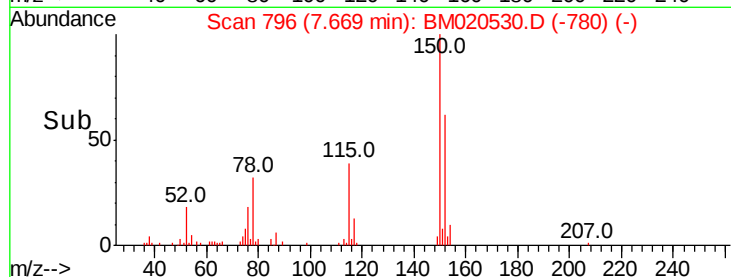
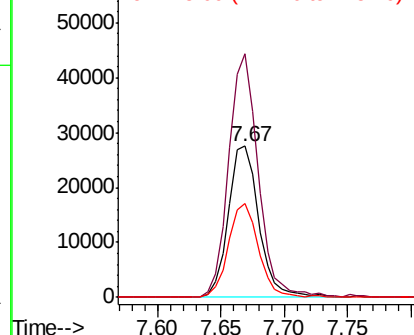
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

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



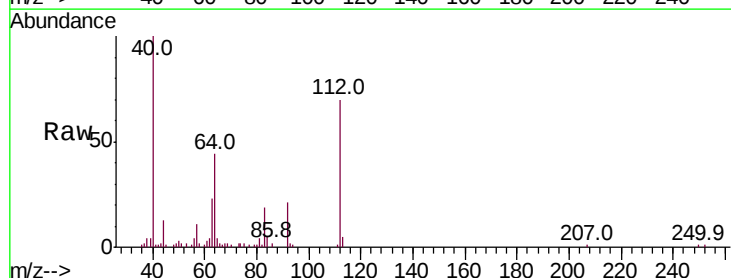
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



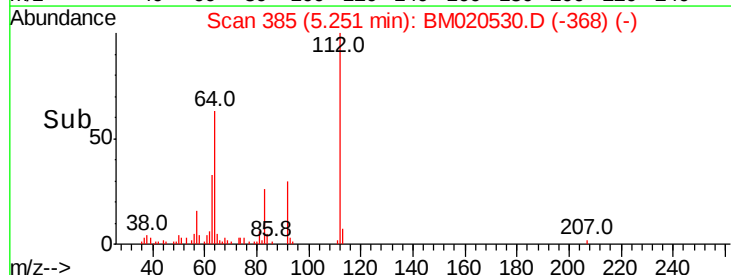
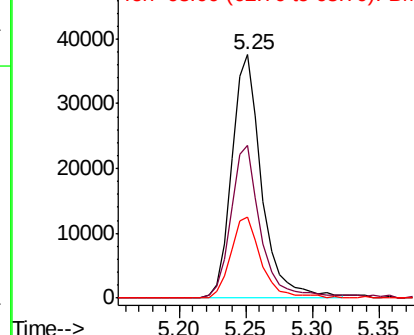
#5

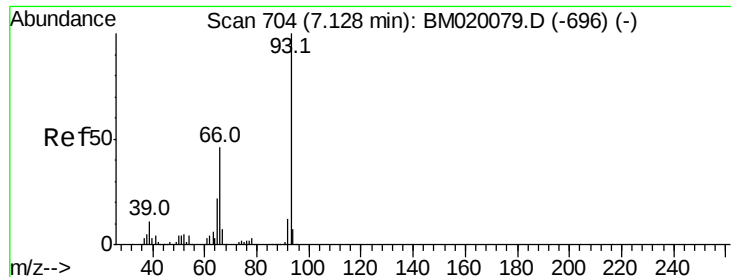
2-Fluorophenol
Concen: 21.002 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

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

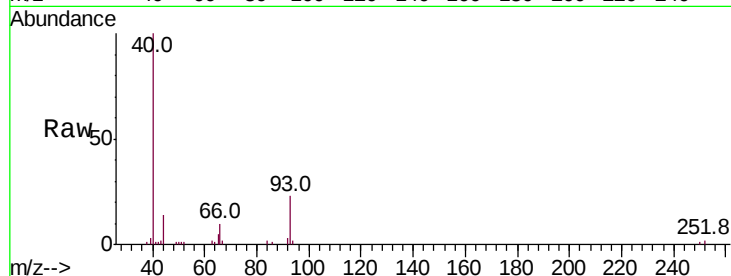
Tot Ion: 93 Resp: 13351

Ion Ratio Lower Upper

93 100

66 44.8 36.6 54.8

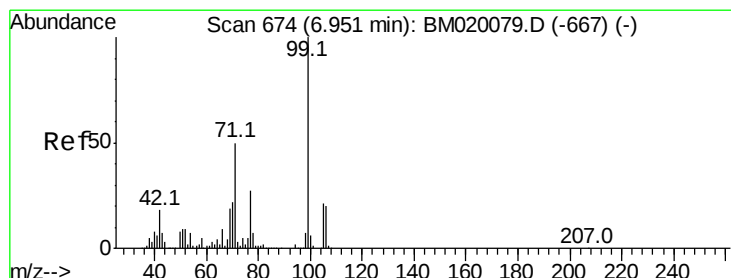
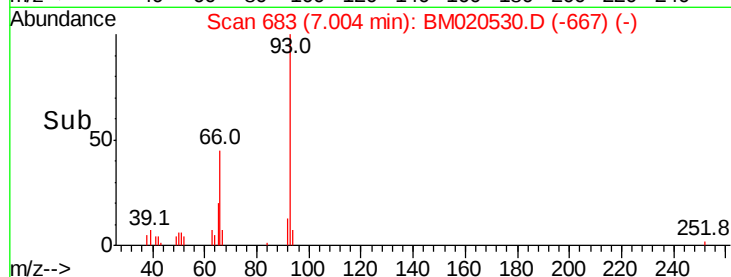
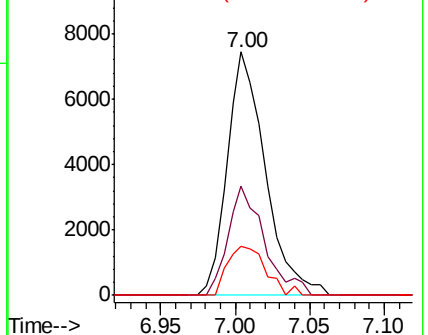
65 20.0 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BM020530.D (-683) (-)

Ion 66.00 (65.70 to 66.70): BM020530.D (-683) (-)

Ion 65.00 (64.70 to 65.70): BM020530.D (-683) (-)



#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

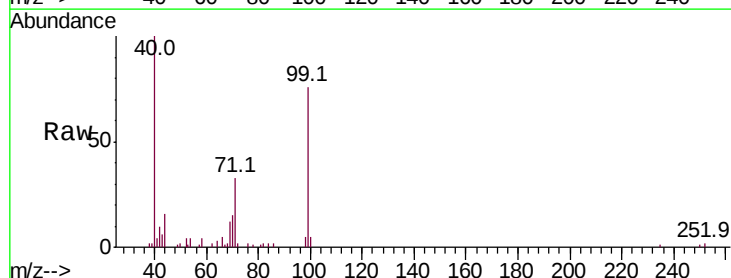
Tgt Ion: 99 Resp: 46863

Ion Ratio Lower Upper

99 100

42 13.5 14.2 21.2#

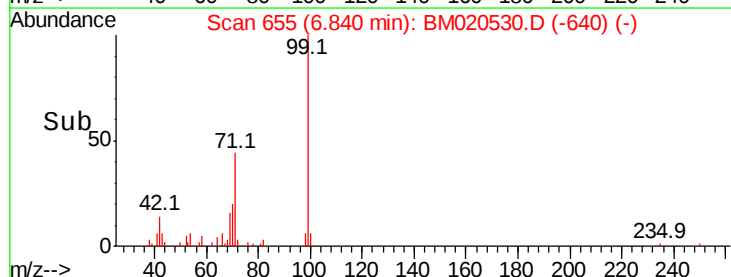
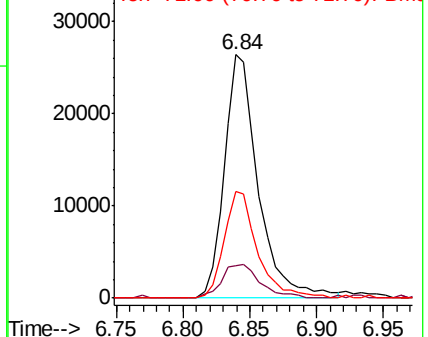
71 43.6 40.3 60.5

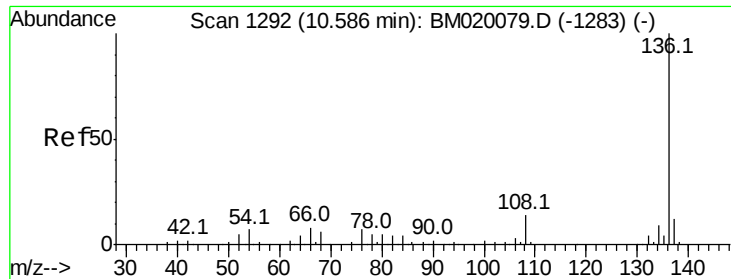


Abundance Ion 99.00 (98.70 to 99.70): BM020530.D (-655) (-)

Ion 42.00 (41.70 to 42.70): BM020530.D (-655) (-)

Ion 71.00 (70.70 to 71.70): BM020530.D (-655) (-)

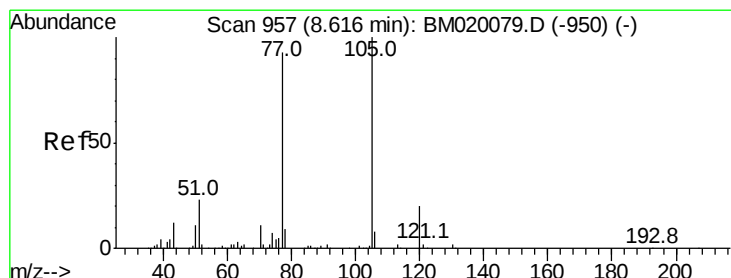
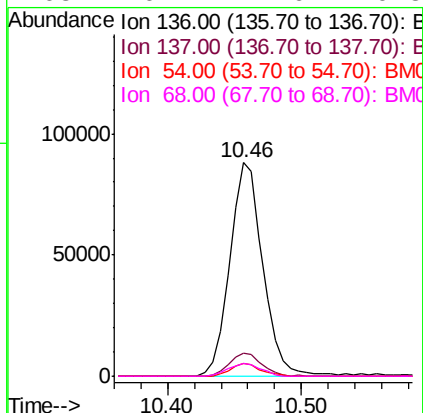
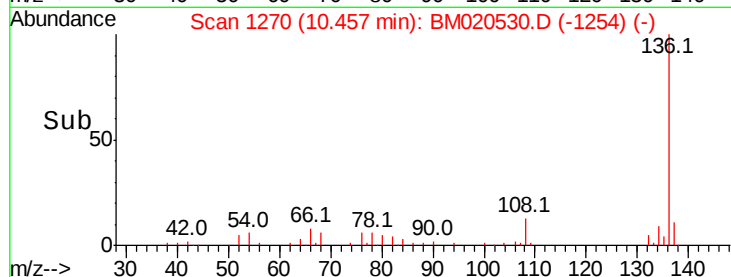
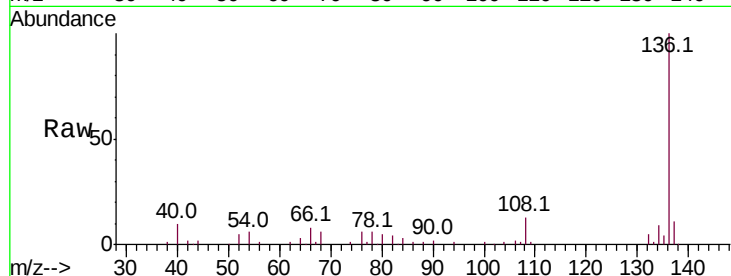




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

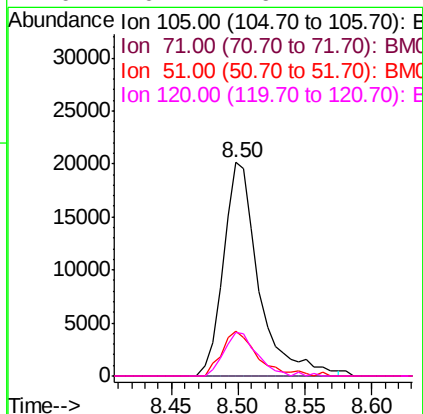
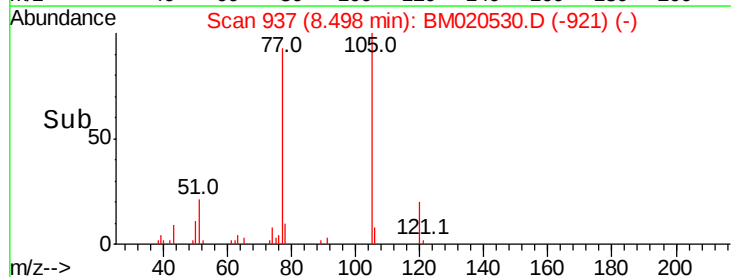
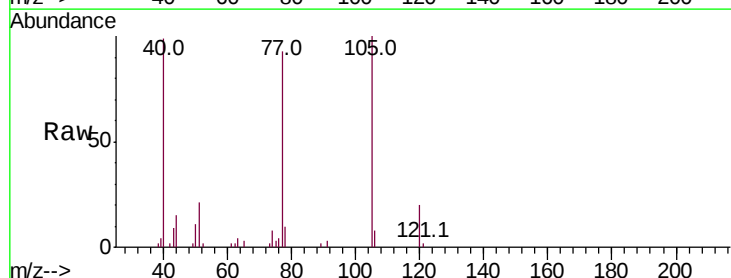
Instrument :
BNA_M
ClientSampleId :
EFFL-5B

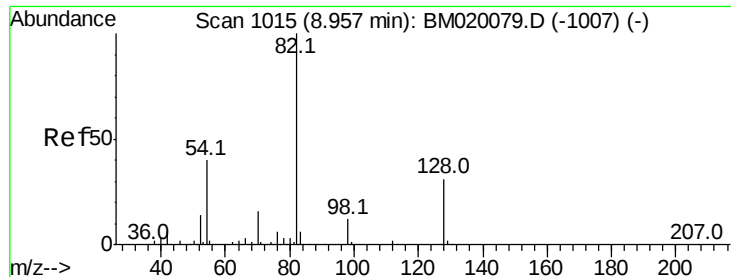
Tot Ion:136	Resp:	152069
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	6.0	5.5 8.3
68	6.1	4.6 6.8



#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

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

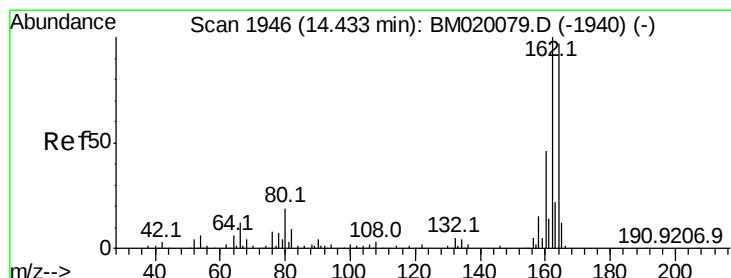
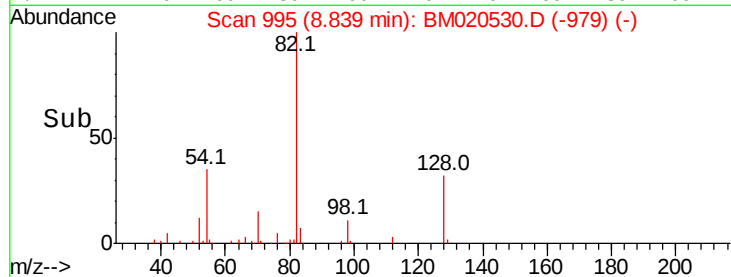
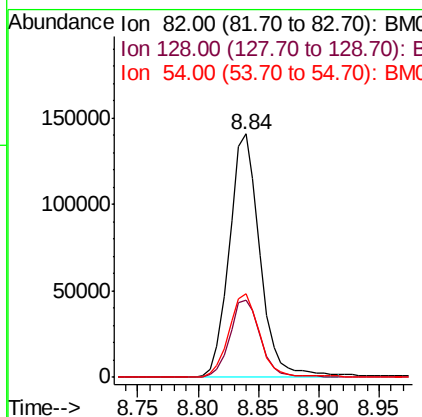
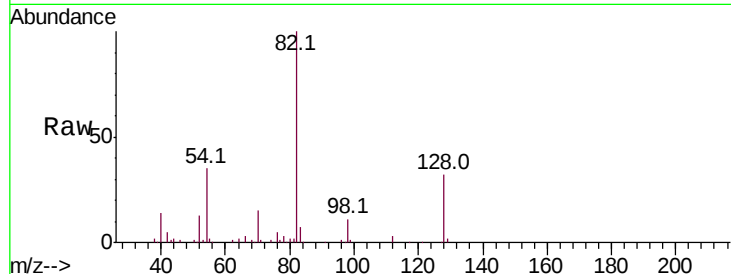




#23
Nitrobenzene-d5
Concen: 64.688 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

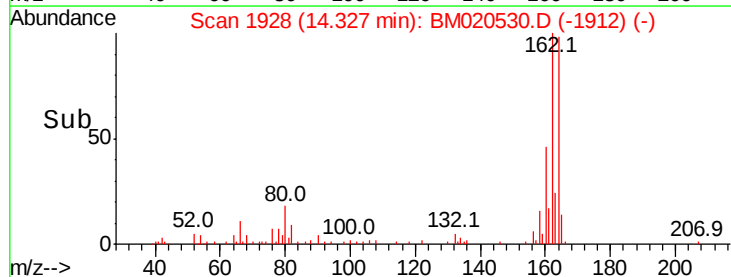
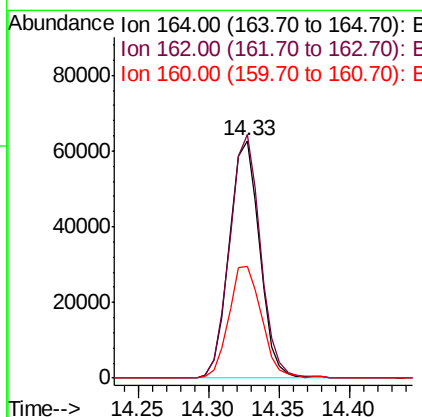
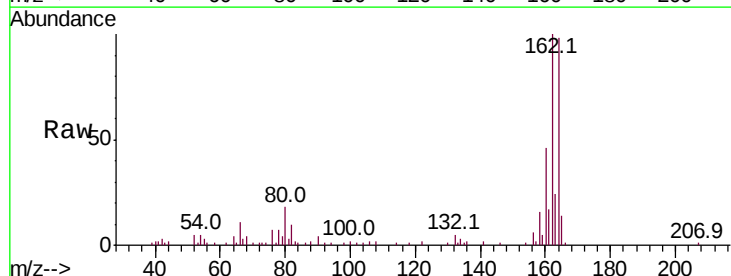
Instrument :
BNA_M
ClientSampleId :
EFFL-5B

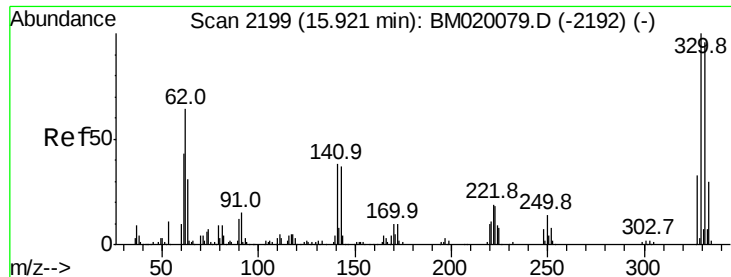
Tot Ion	82	Resp	249166
Ion Ratio	Lower	Upper	
82	100		
128	31.8	25.2	37.8
54	34.6	31.9	47.9



#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

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





#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

Instrument :

BNA_M

ClientSampleId :

EFFL-5B

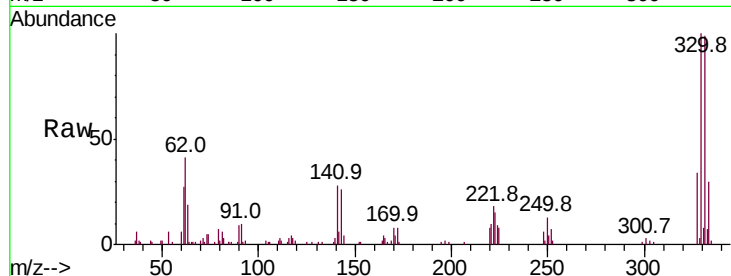
Tot Ion:330 Resp: 67795

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

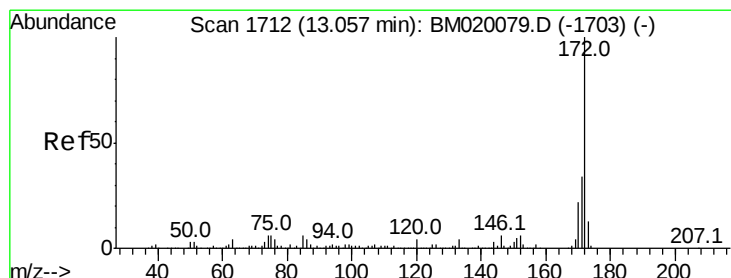
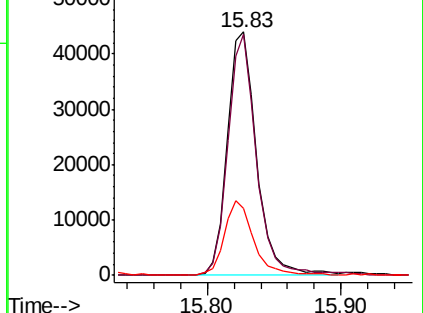
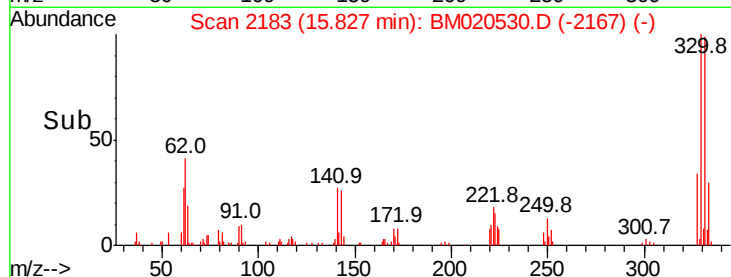
141 30.7 29.2 43.8



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

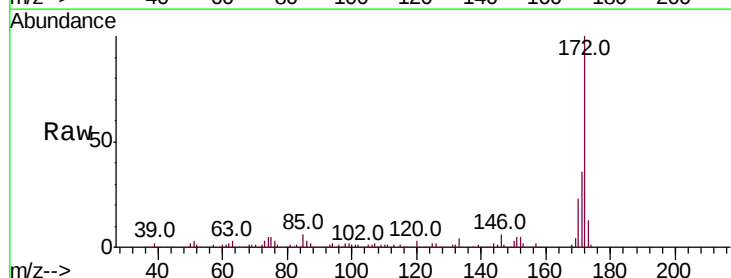
Tgt Ion:172 Resp: 485825

Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

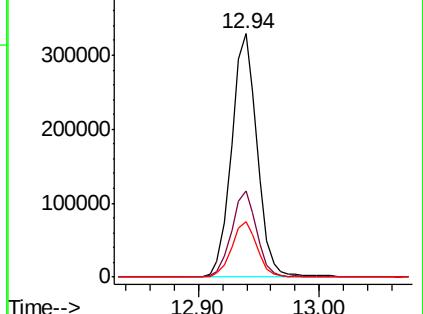
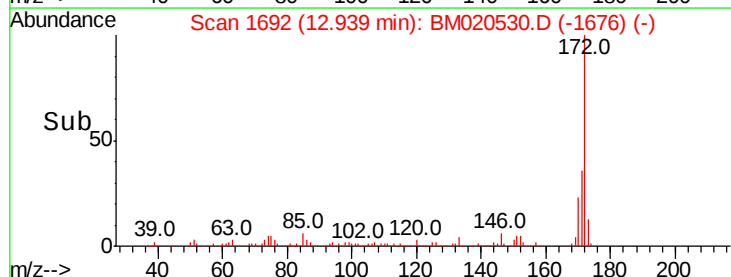
170 22.8 17.9 26.9

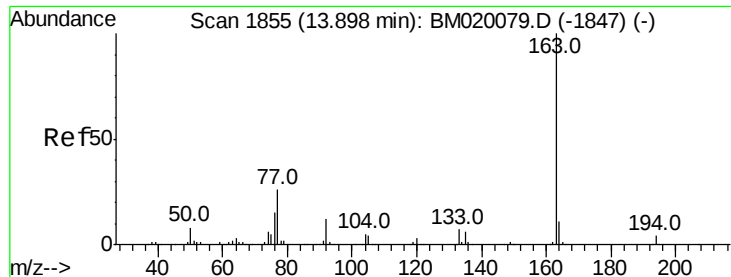


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 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

Instrument :

BNA_M

ClientSampled :

EFFL-5B

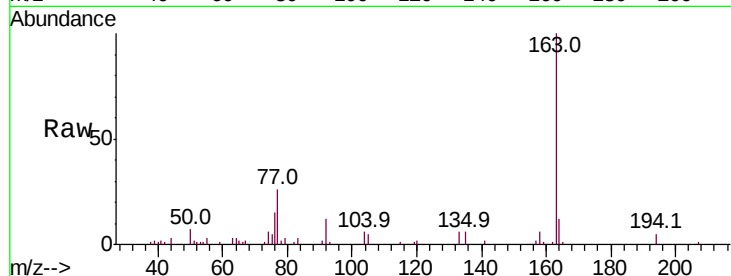
Tot Ion:163 Resp: 60486

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

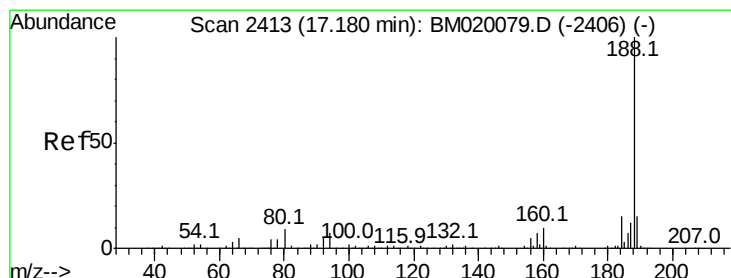
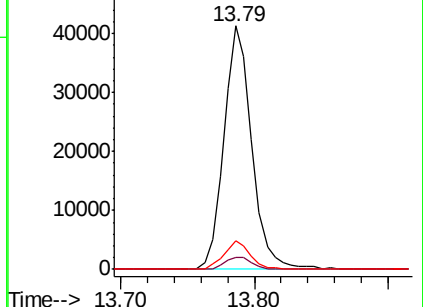
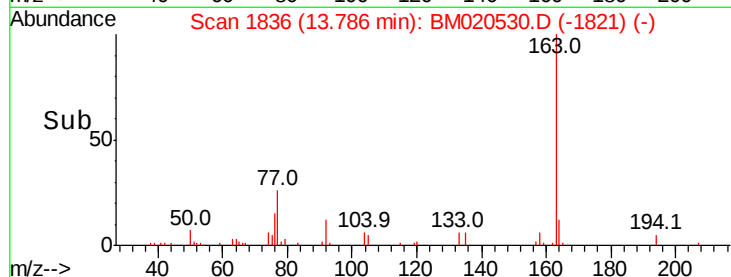
164 11.5 8.4 12.6



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



#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

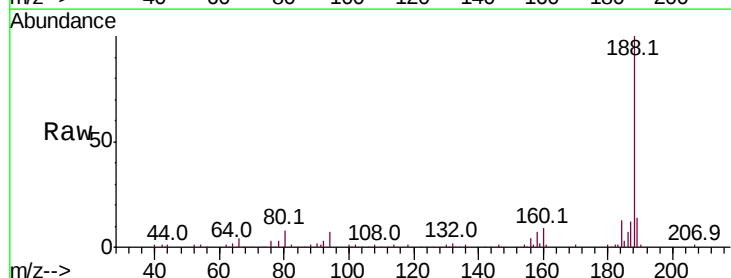
Tgt Ion:188 Resp: 243308

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

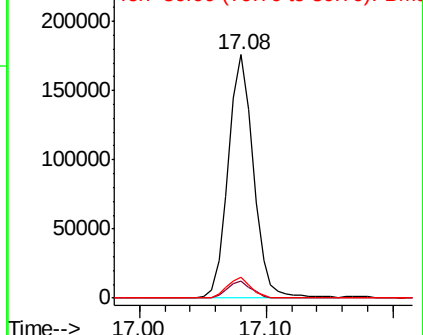
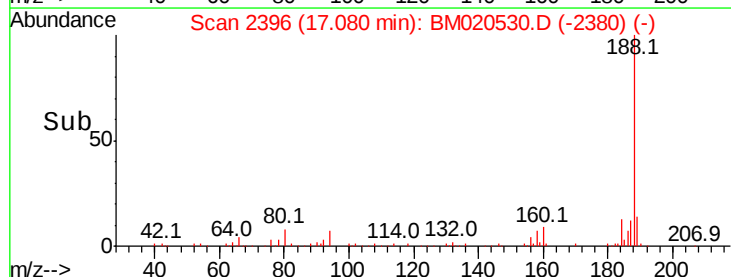
80 8.5 7.4 11.2

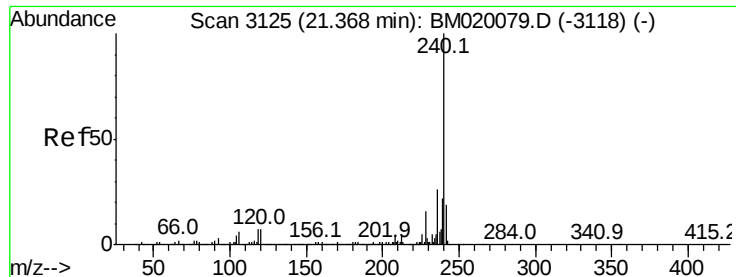


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_M

ClientSampleId :

EFFL-5B

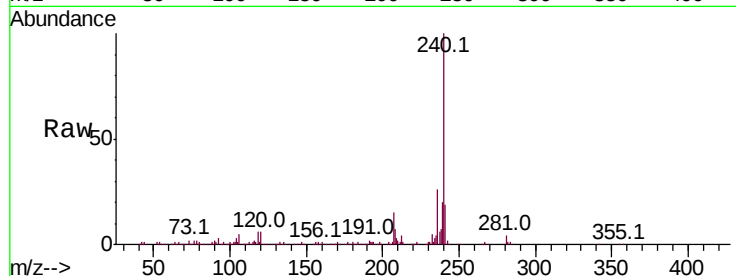
Tot Ion:240 Resp: 298203

Ion Ratio Lower Upper

240 100

120 5.7 5.6 8.4

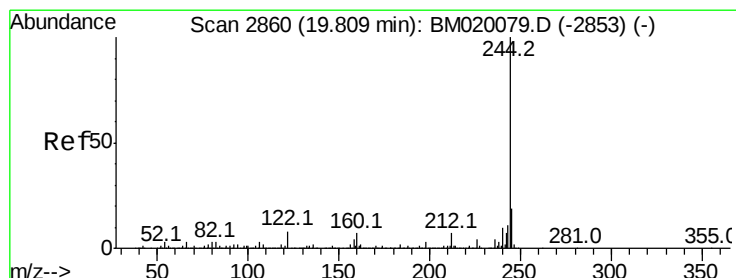
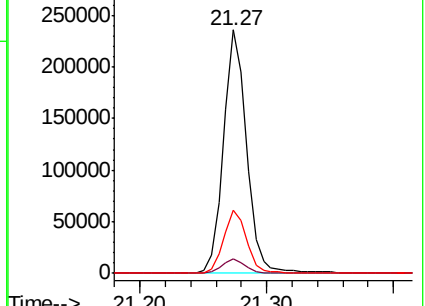
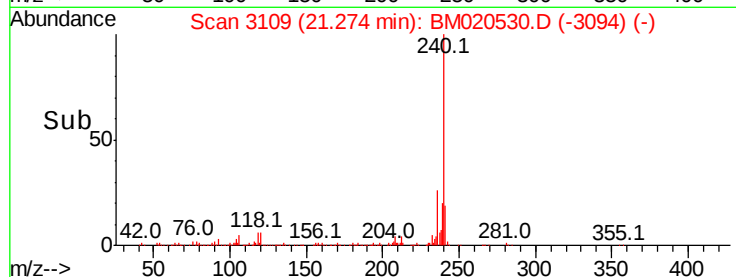
236 25.9 20.9 31.3



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

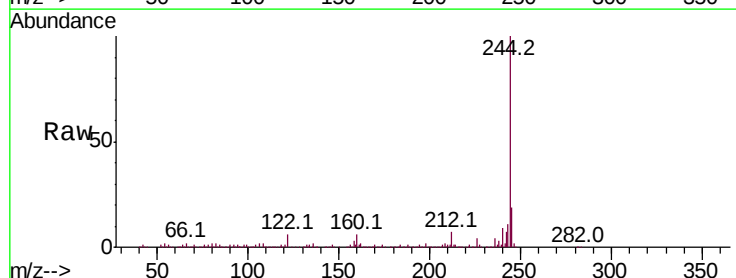
Tgt Ion:244 Resp: 960763

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

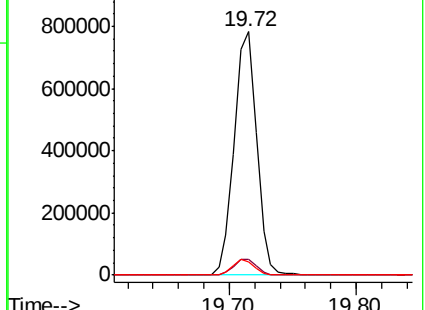
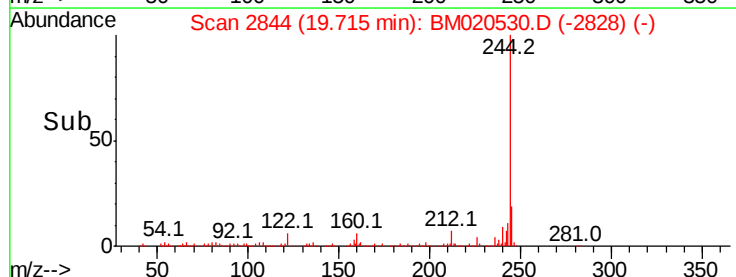
122 5.7 6.2 9.2#

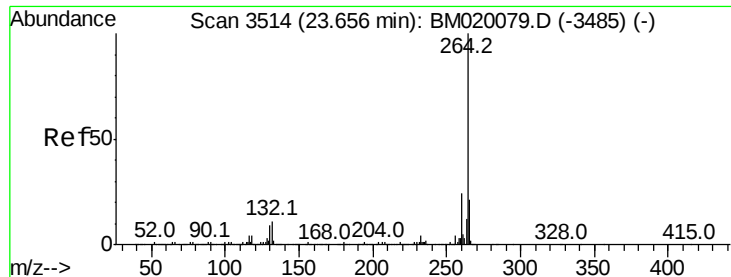


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-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

Instrument :
 BNA_M
 ClientSampleId :
 EFFL-5B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	16.9	25.3

