

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020697.D
 Acq On : 04 Jun 2019 09:30
 Operator : HP/JU
 Sample : K3139-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-D

Quant Time: Jun 04 12:08:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

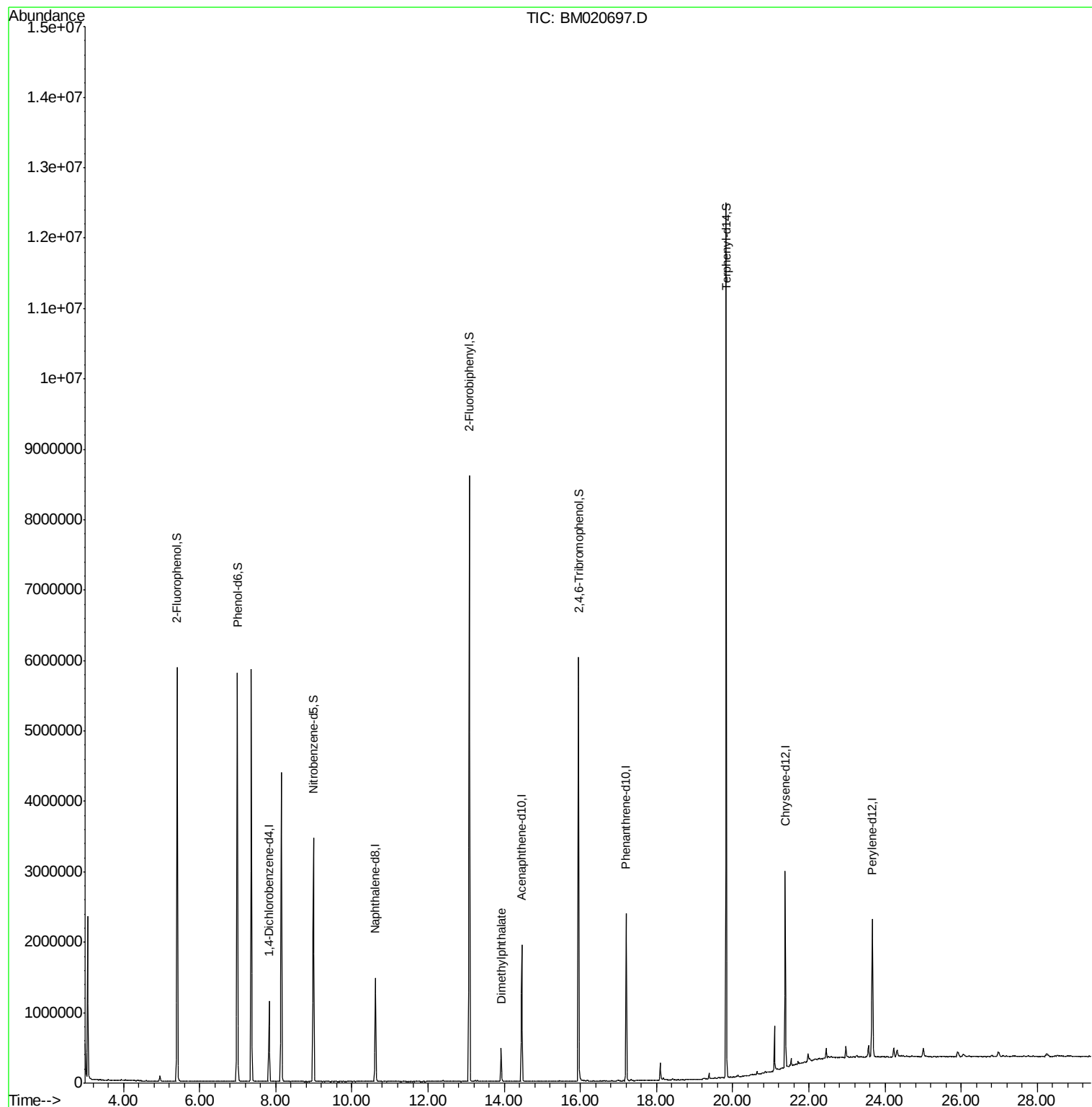
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	300065	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1163003	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	624259	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1295933	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1138667	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1334103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2310493	135.45	ng	0.00
7) Phenol-d6	6.99	99	3192222	127.09	ng	0.00
23) Nitrobenzene-d5	8.99	82	1990362	88.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1108635	143.34	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4294678	91.46	ng	-0.01
79) Terphenyl-d14	19.83	244	5646170	82.94	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	8519	Below Cal	Qvalue #	6
50) Dimethylphthalate	13.92	163	302868	5.679 ng		100

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

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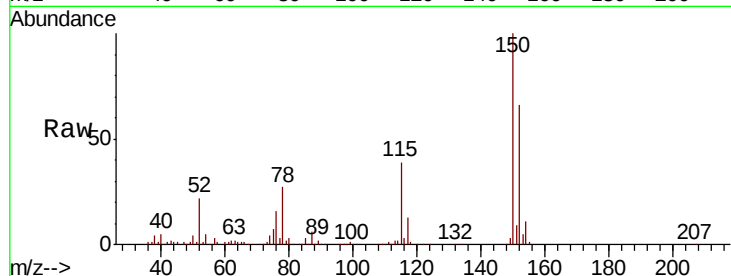


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020697.D
Acq: 04 Jun 2019 09:30

Instrument :
BNA_M
ClientSampleId :
TP-1A-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.0	189.0
115	59.0	49.6	74.4

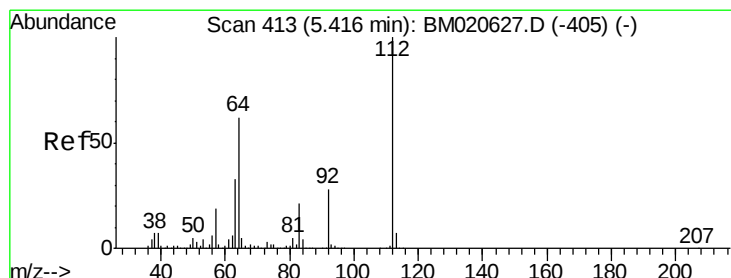
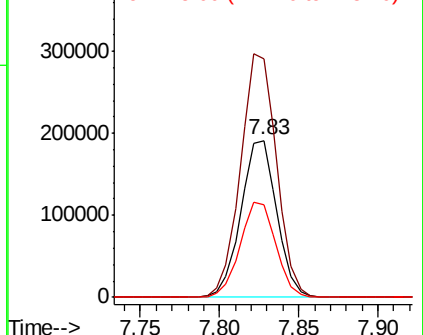
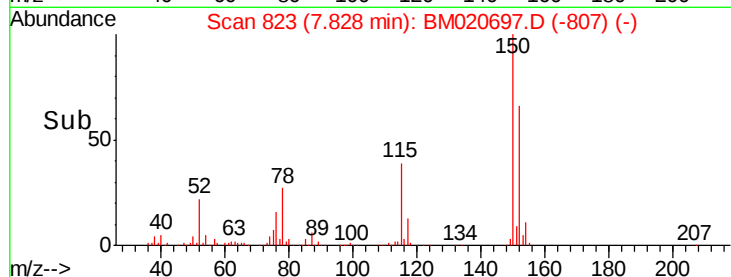


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

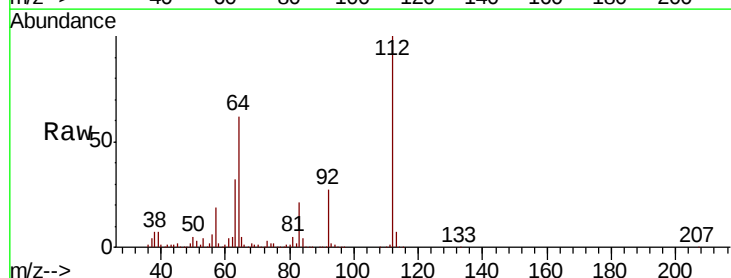
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.448 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020697.D
Acq: 04 Jun 2019 09:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.7	74.5
63	32.3	26.4	39.6

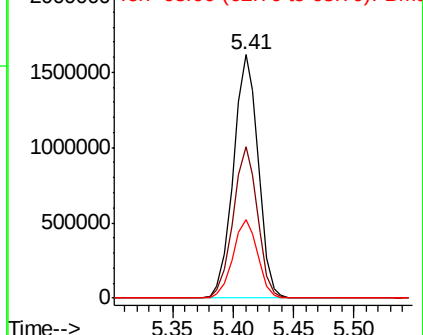
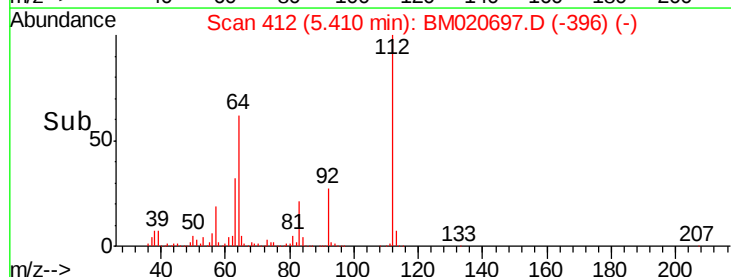


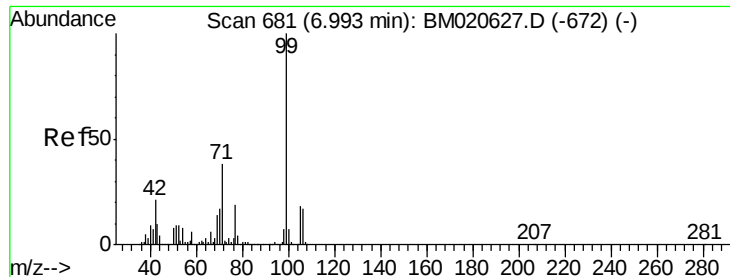
Abundance

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: 127.091 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020697.D

Acq: 04 Jun 2019 09:30

Instrument :

BNA_M

ClientSampled :

TP-1A-D

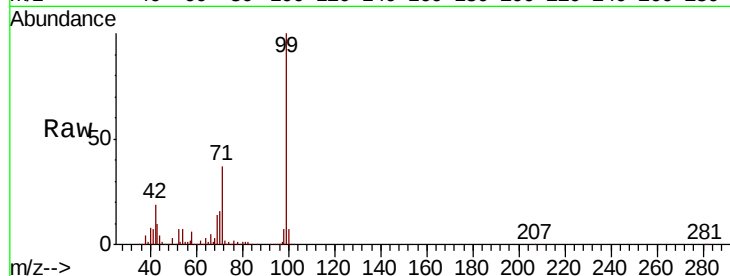
Tot Ion: 99 Resp: 3192222

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

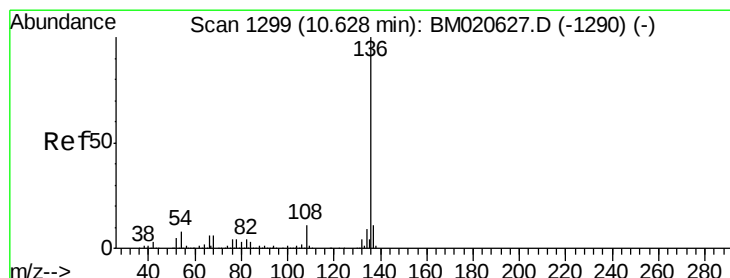
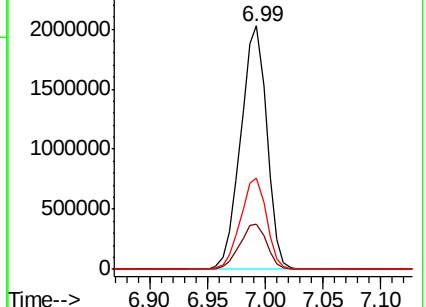
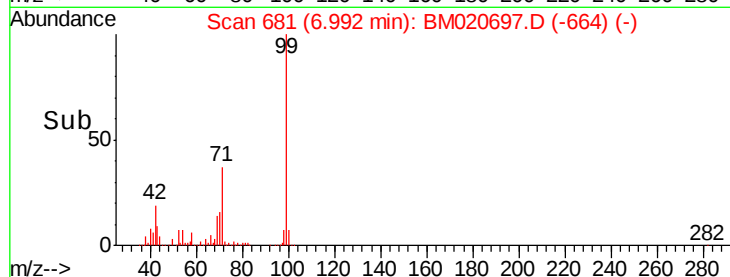
71 37.4 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020697.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020697.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020697.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020697.D

Acq: 04 Jun 2019 09:30

Tgt Ion: 136 Resp: 1163003

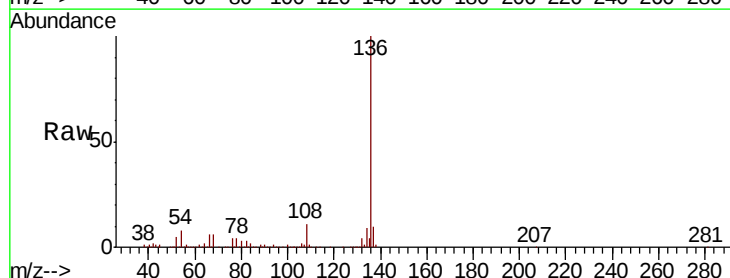
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.7 6.6 10.0

68 6.3 5.1 7.7

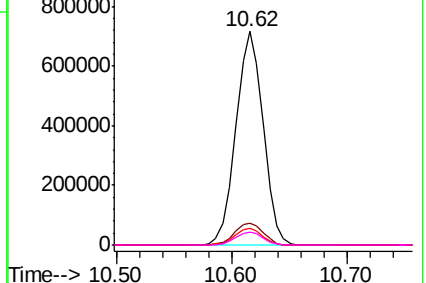
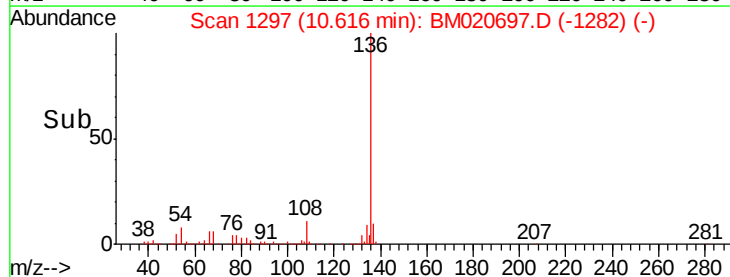


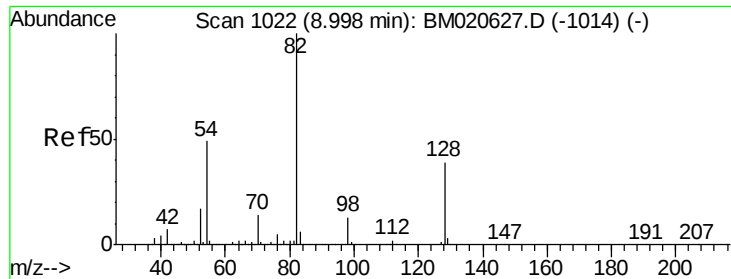
Abundance Ion 136.00 (135.70 to 136.70): BM020697.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020697.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020697.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020697.D (-1282) (-)

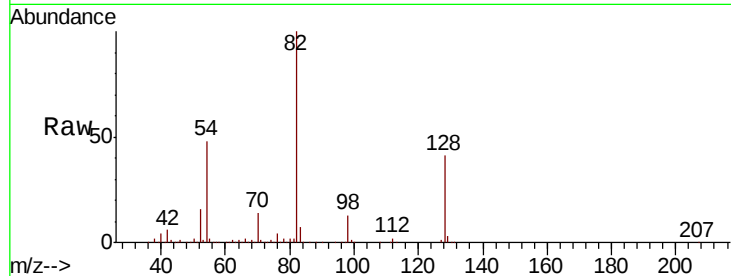




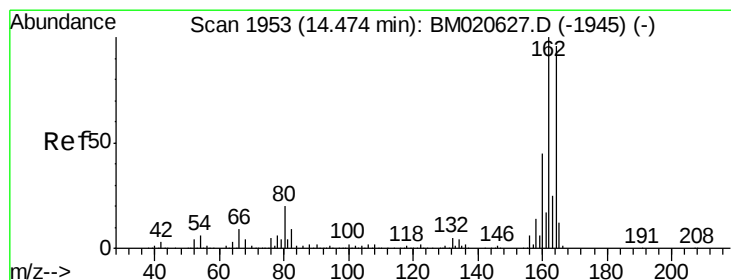
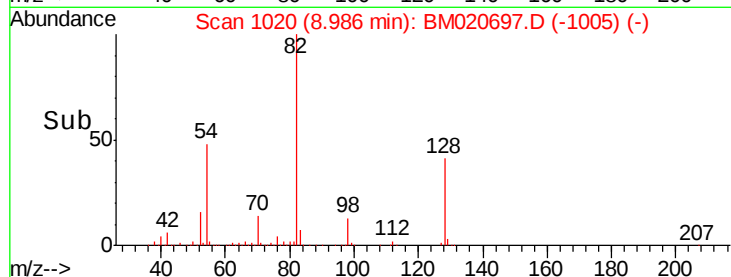
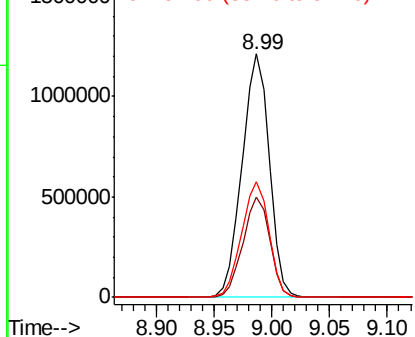
#23
Nitrobenzene-d5
Concen: 88.671 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020697.D
Acq: 04 Jun 2019 09:30

Instrument :
BNA_M
ClientSampleId :
TP-1A-D

Tot Ion: 82 Resp: 1990362
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 47.6 39.4 59.0

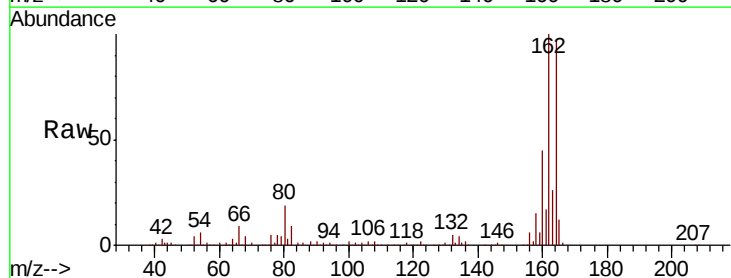


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

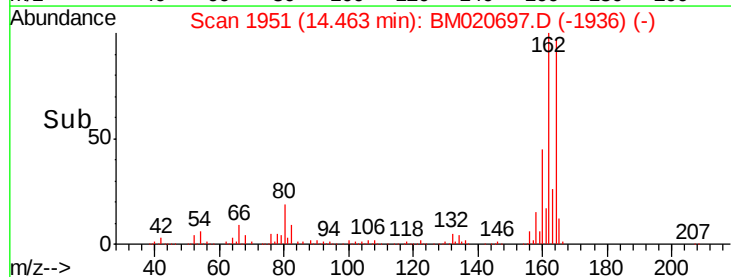
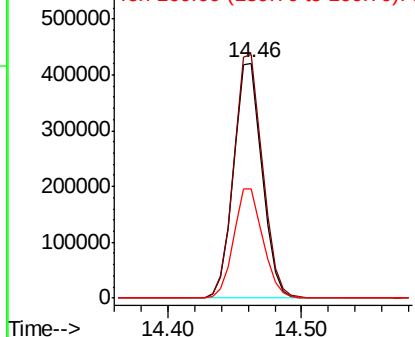


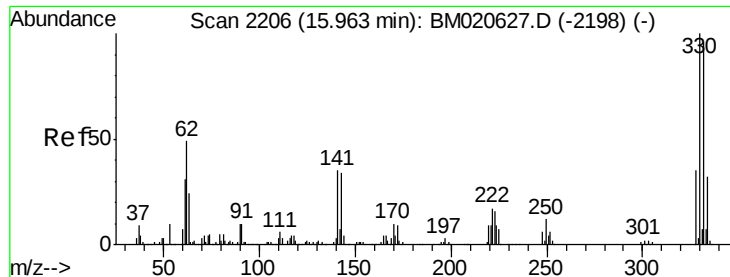
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020697.D
Acq: 04 Jun 2019 09:30

Tgt Ion:164 Resp: 624259
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.3 37.5 56.3



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: 143.336 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020697.D

Acq: 04 Jun 2019 09:30

Instrument :

BNA_M

ClientSampled :

TP-1A-D

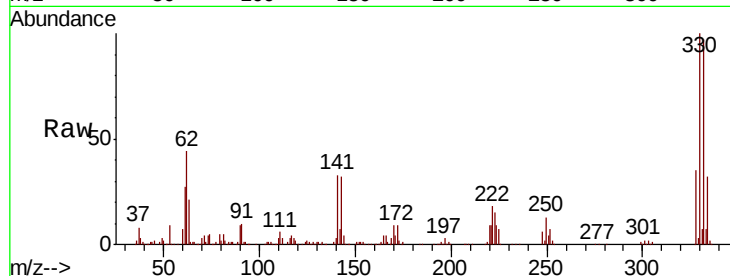
Tot Ion:330 Resp: 1108635

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 35.0 30.4 45.6

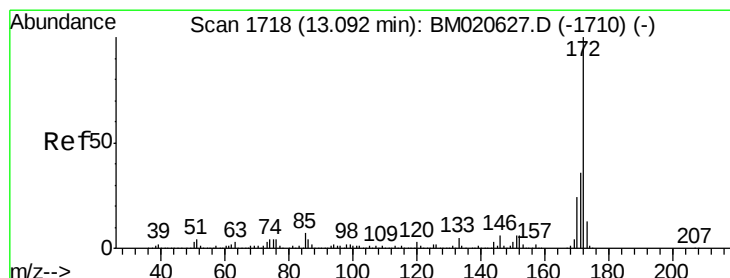
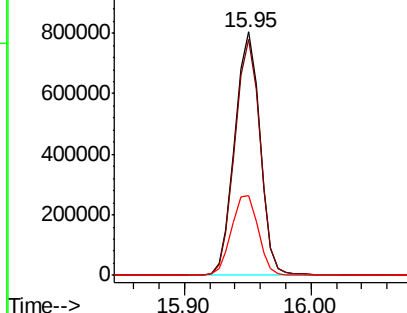
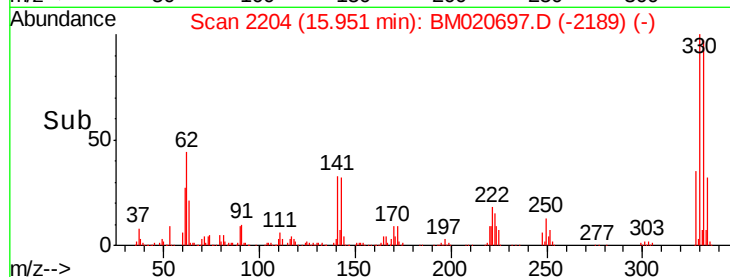


Abundance

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: 91.461 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM020697.D

Acq: 04 Jun 2019 09:30

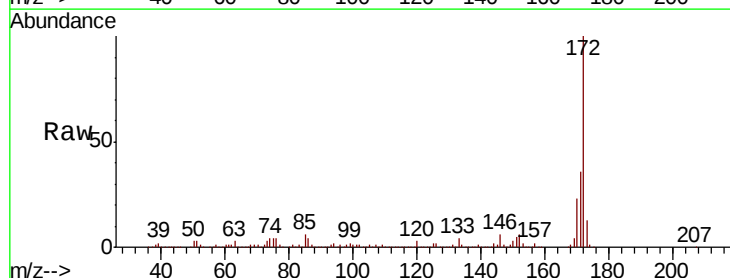
Tgt Ion:172 Resp: 4294678

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.3 18.9 28.3

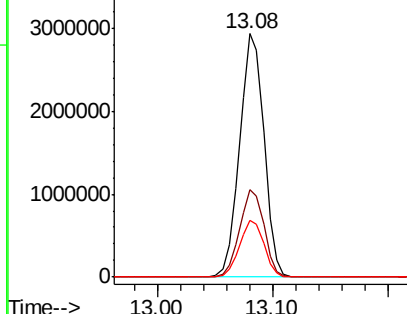
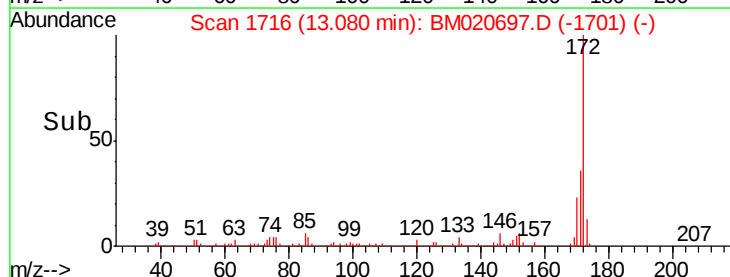


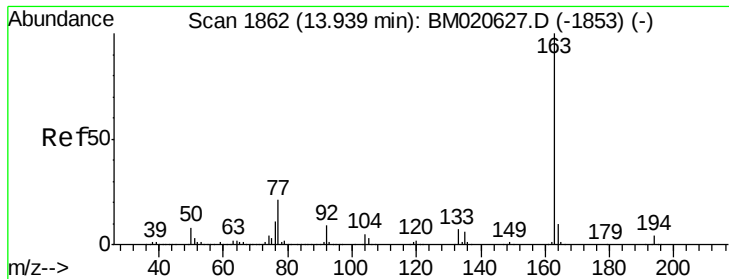
Abundance

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: 5.679 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020697.D

Acq: 04 Jun 2019 09:30

Instrument :

BNA_M

ClientSampled :

TP-1A-D

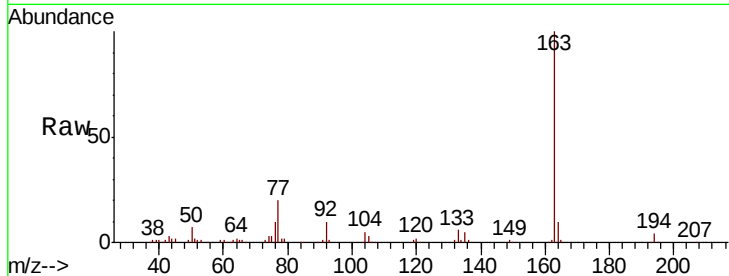
Tot Ion:163 Resp: 302868

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

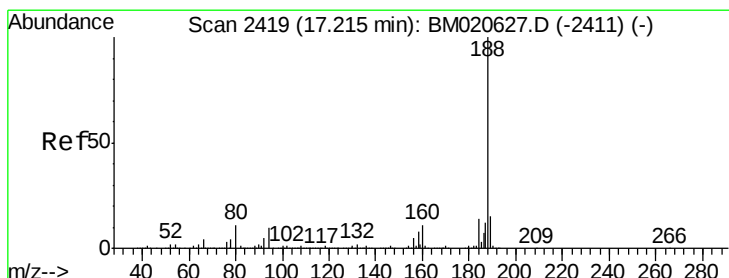
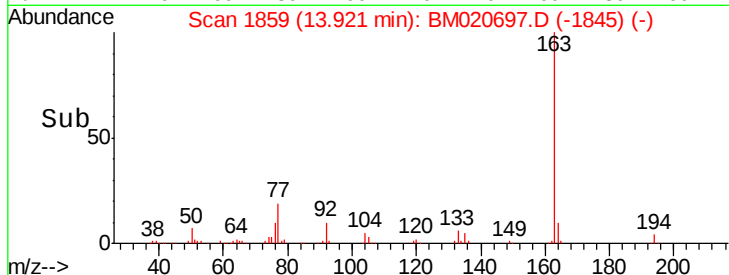
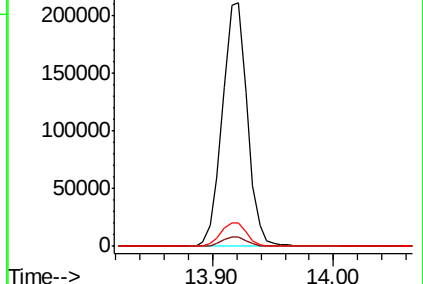
164 9.8 7.9 11.9



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: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020697.D

Acq: 04 Jun 2019 09:30

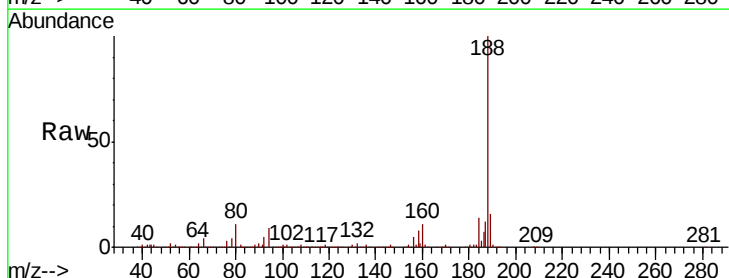
Tgt Ion:188 Resp: 1295933

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

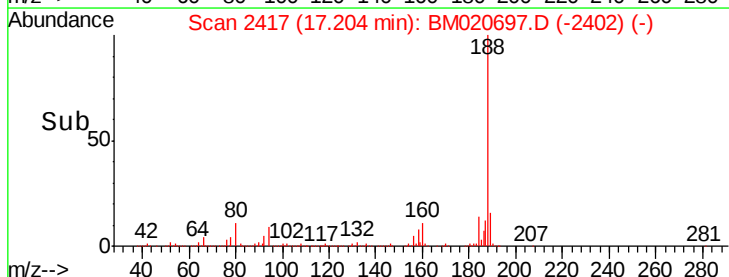
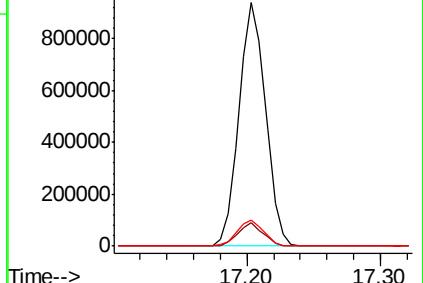
80 10.7 9.0 13.6

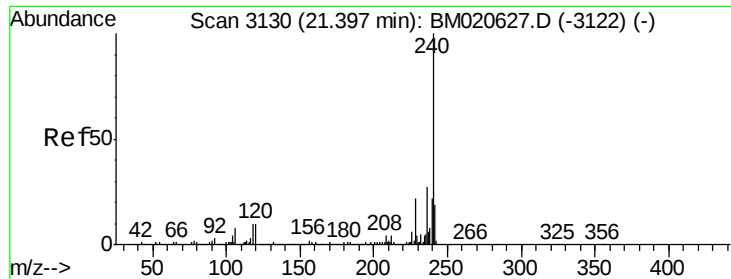


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



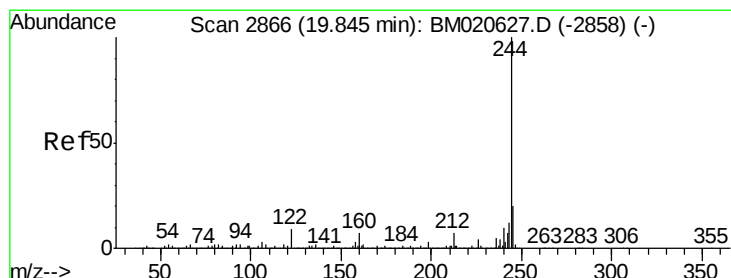
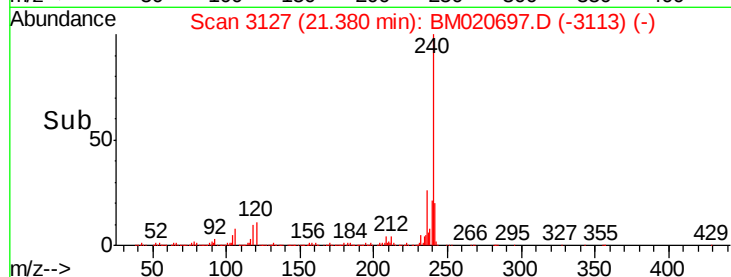
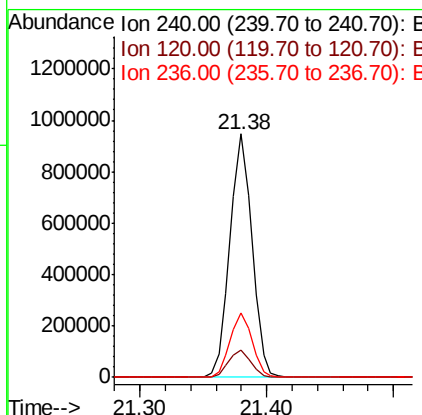
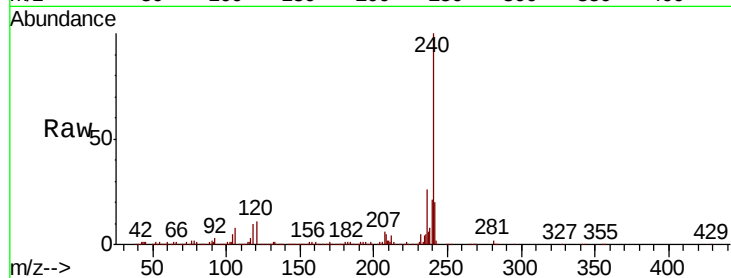


#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.38 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BM020697.D
 Acq: 04 Jun 2019 09:30

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-D

Tot Ion:240 Resp: 1138667

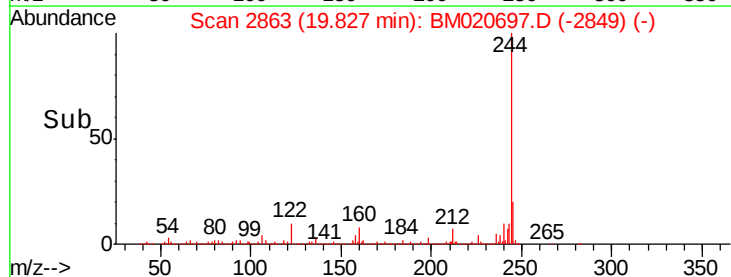
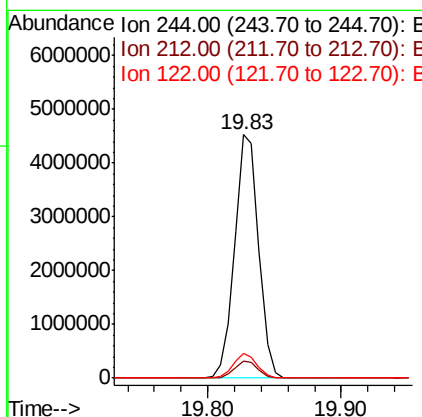
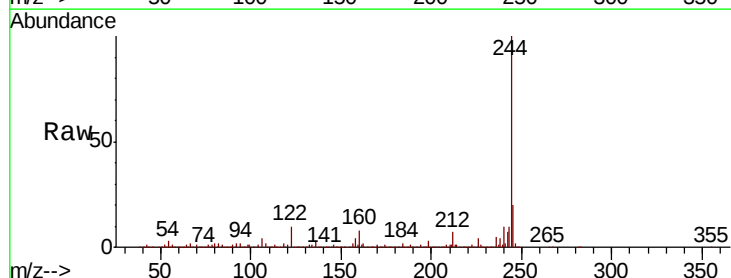
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.2	12.2
236	26.3	21.2	31.8

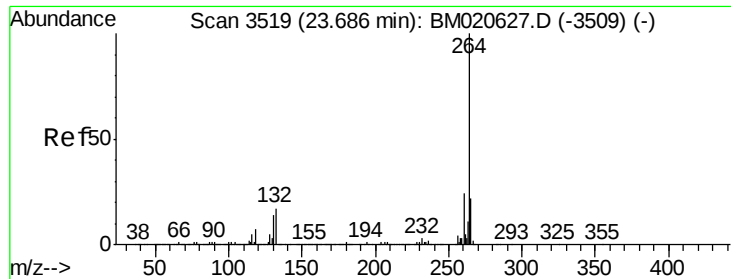


#79
 Terphenyl-d14
 Concen: 82.940 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020697.D
 Acq: 04 Jun 2019 09:30

Tgt Ion:244 Resp: 5646170

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.2	7.2	10.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020697.D
Acq: 04 Jun 2019 09:30

Instrument :
BNA_M
ClientSampleId :
TP-1A-D

Tot Ion:264 Resp: 1334103

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.6	26.4

