

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020696.D
 Acq On : 04 Jun 2019 08:54
 Operator : HP/JU
 Sample : K3036-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FEQC-FB-052319

Quant Time: Jun 04 13:06:47 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	7.82	152	574505	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	2246014	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	1180152	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	2399281	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	2229714	20.00	ng	-0.02
87) Perylene-d12	23.67	264	2620737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1051907	32.21	ng	0.00
7) Phenol-d6	6.99	99	848693	17.65	ng	0.00
23) Nitrobenzene-d5	8.99	82	2050393	47.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1033602	70.69	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4164124	46.91	ng	-0.01
79) Terphenyl-d14	19.83	244	5658203	42.45	ng	-0.02

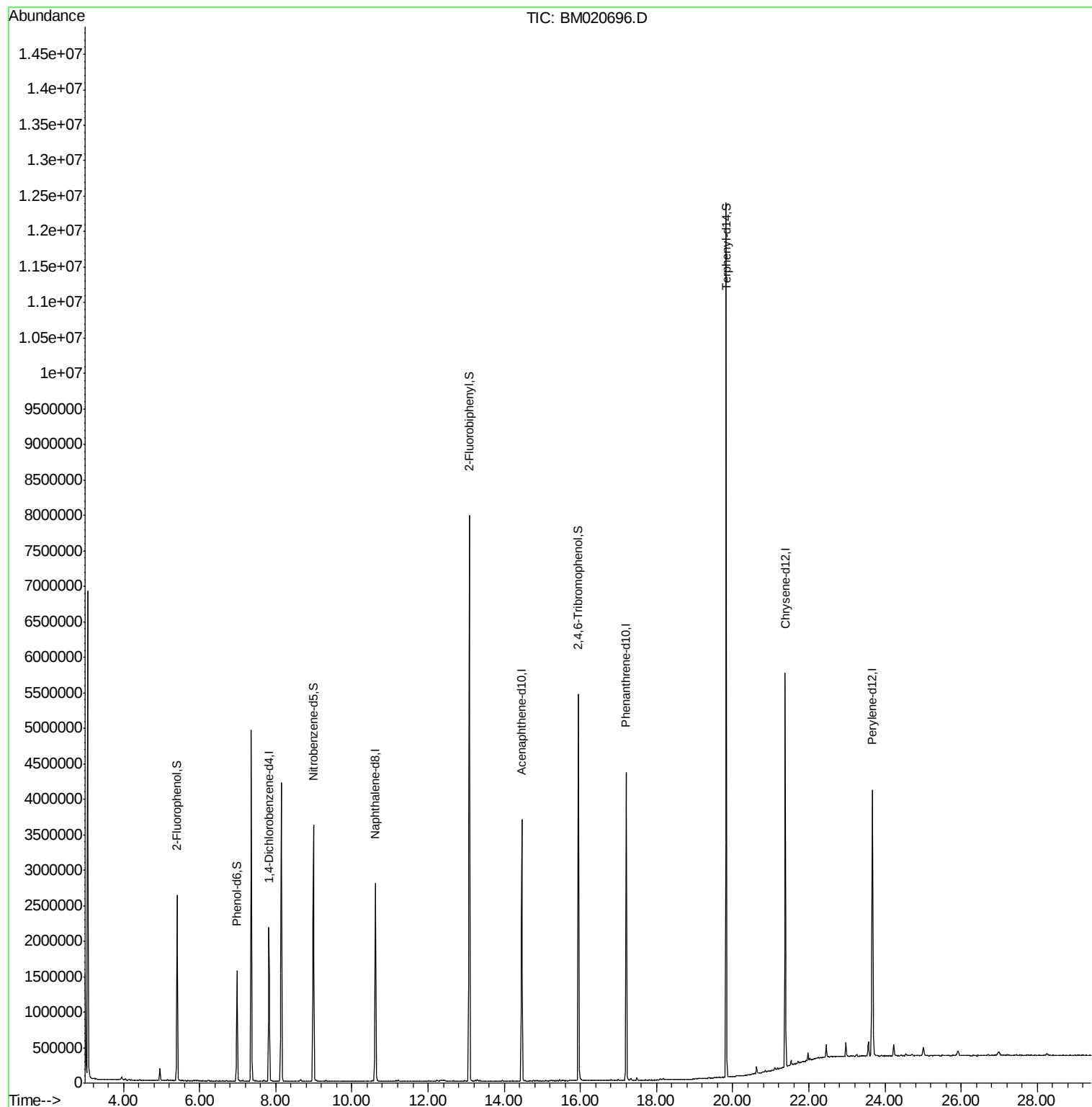
Target Compounds Qvalue

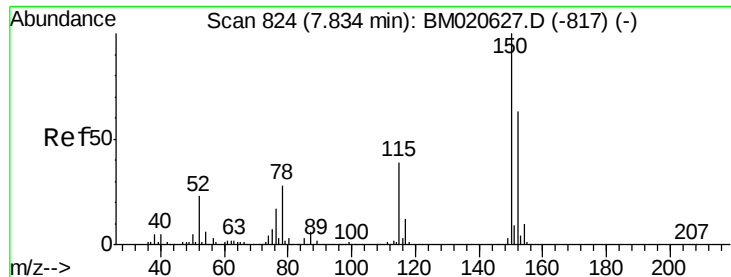
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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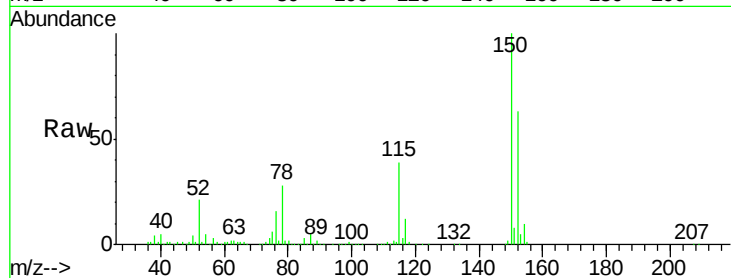


#1

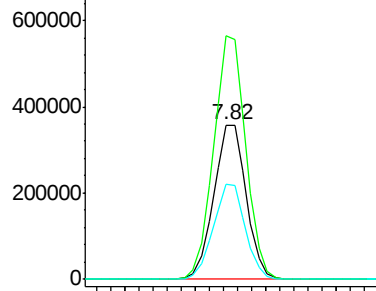
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020696.D
Acq: 04 Jun 2019 08:54

Instrument :
BNA_M
ClientSampleId :
FEQC-FB-052319

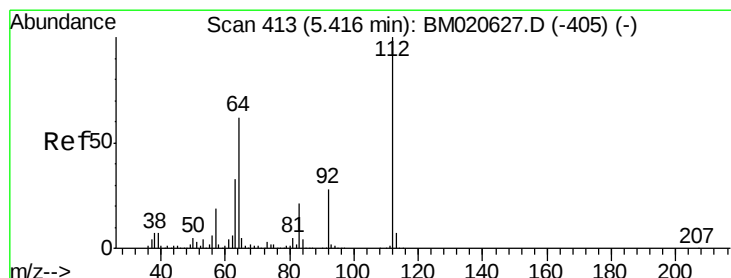
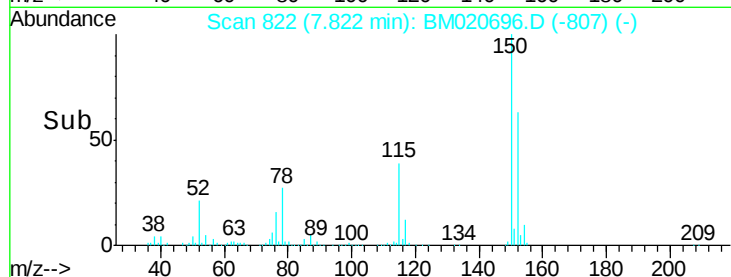
Tot Ion:152 Resp: 574505
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 61.7 49.6 74.4



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



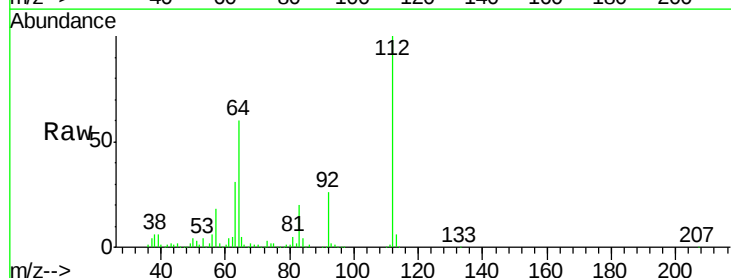
Time-->



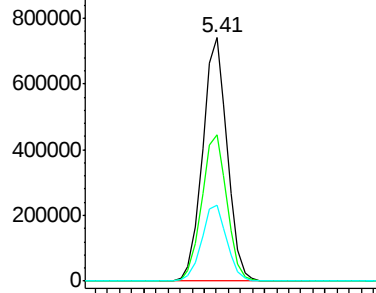
#5

2-Fluorophenol
Concen: 32.208 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020696.D
Acq: 04 Jun 2019 08:54

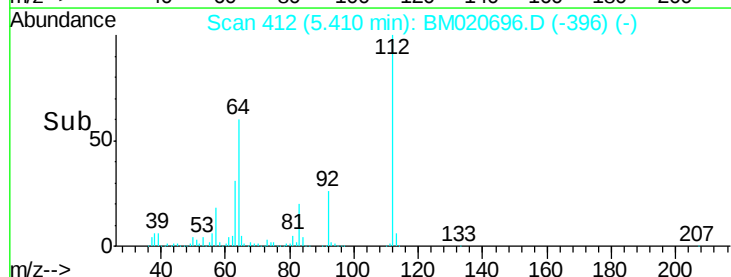
Tgt Ion:112 Resp: 1051907
Ion Ratio Lower Upper
112 100
64 60.3 49.7 74.5
63 31.2 26.4 39.6

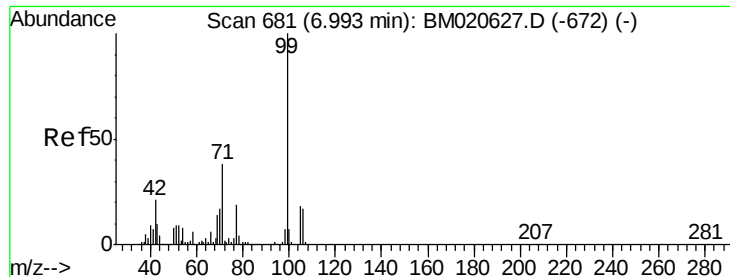


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 17.648 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020696.D

Acq: 04 Jun 2019 08:54

Instrument :

BNA_M

ClientSampleId :

FEQC-FB-052319

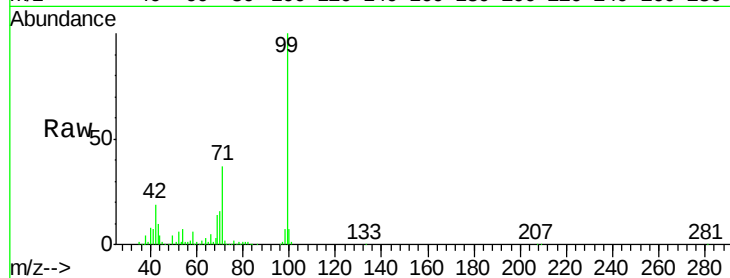
Tot Ion: 99 Resp: 848693

Ion Ratio Lower Upper

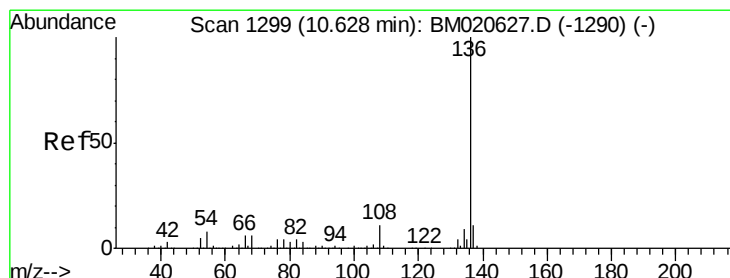
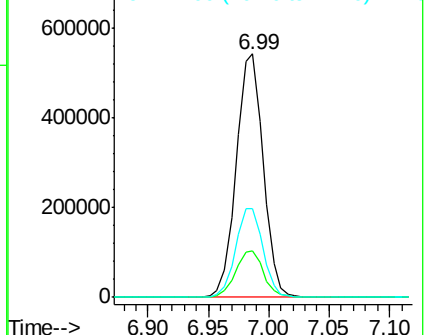
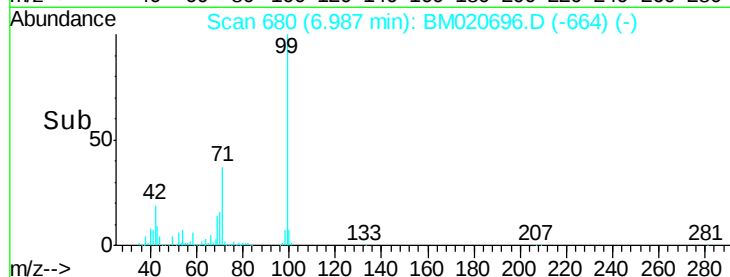
99 100

42 19.0 16.5 24.7

71 36.6 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020696.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020696.D

Acq: 04 Jun 2019 08:54

Tgt Ion: 136 Resp: 2246014

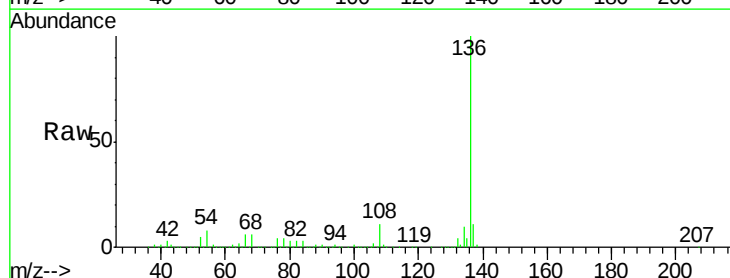
Ion Ratio Lower Upper

136 100

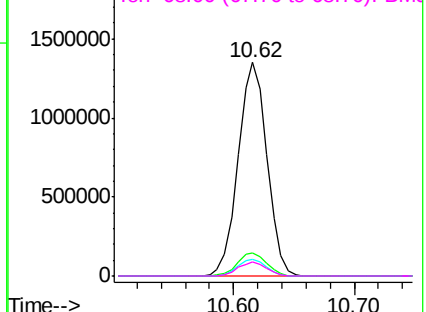
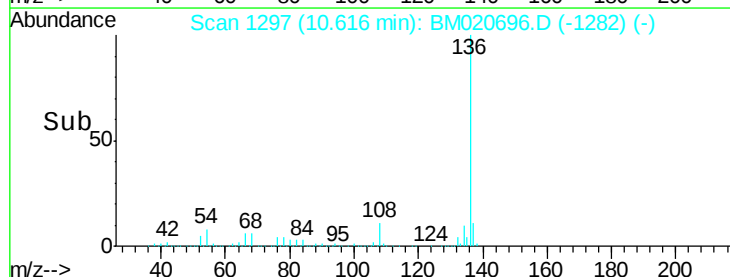
137 11.1 8.8 13.2

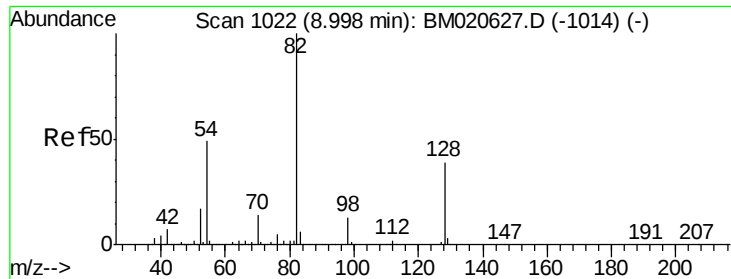
54 7.9 6.6 10.0

68 6.4 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BM020696.D (-1282) (-)



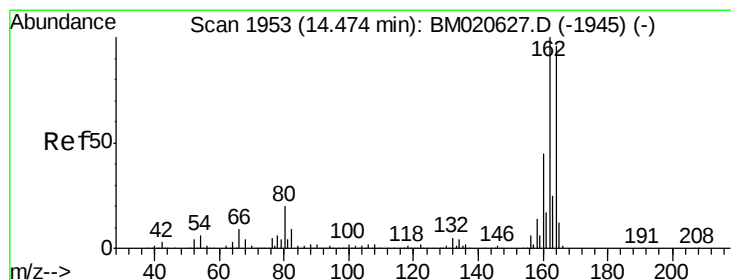
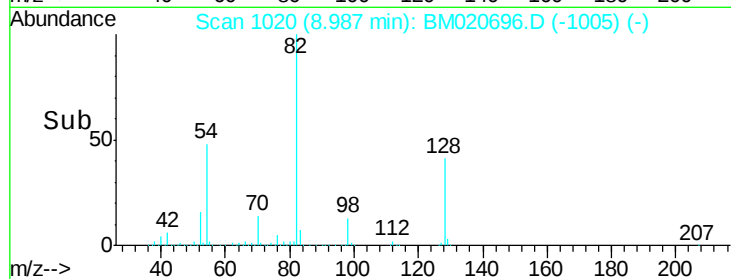
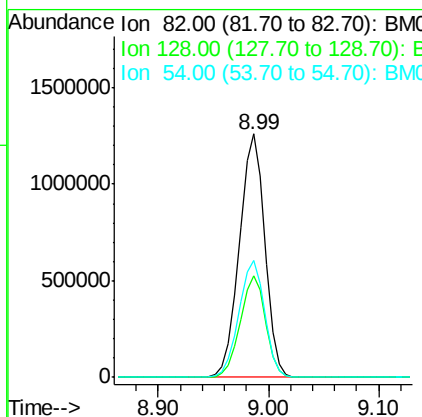
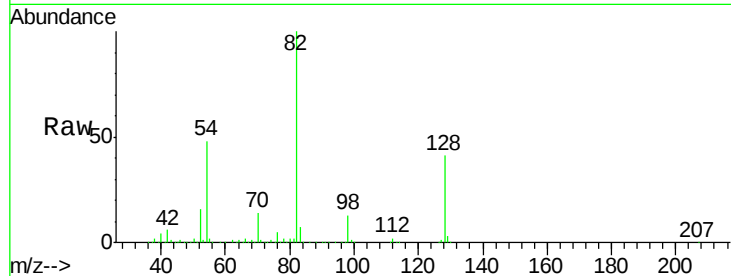


#23
 Nitrobenzene-d5
 Concen: 47.299 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020696.D
 Acq: 04 Jun 2019 08:54

Instrument :
 BNA_M
 ClientSampleId :
 FEQC-FB-052319

Tot Ion: 82 Resp: 2050393

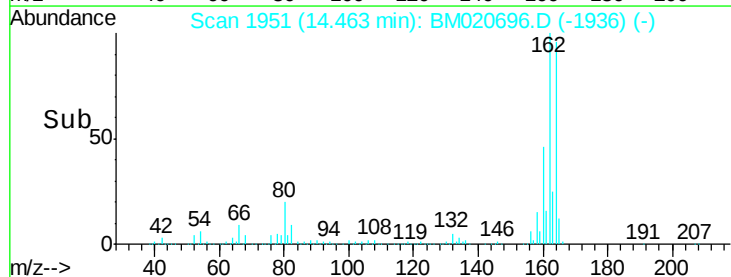
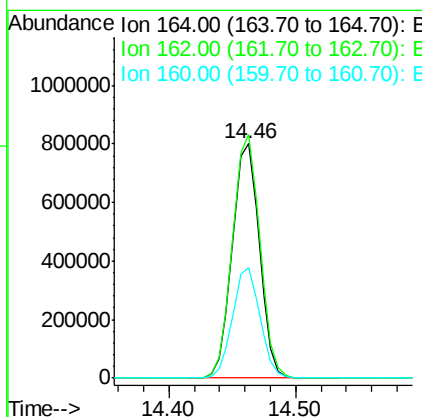
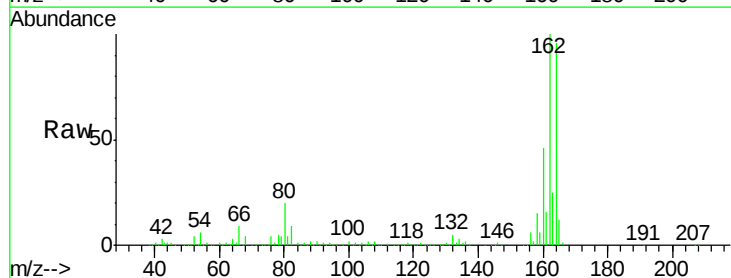
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.5	47.3
54	48.0	39.4	59.0

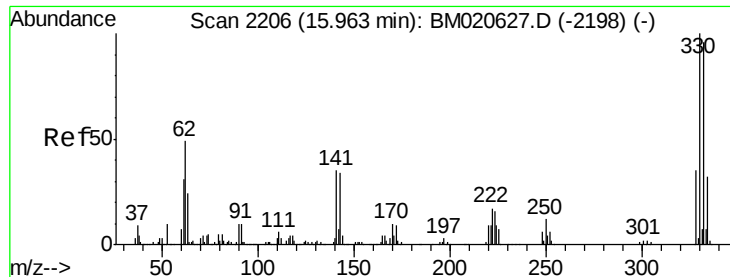


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM020696.D
 Acq: 04 Jun 2019 08:54

Tgt Ion: 164 Resp: 1180152

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	47.4	37.5	56.3



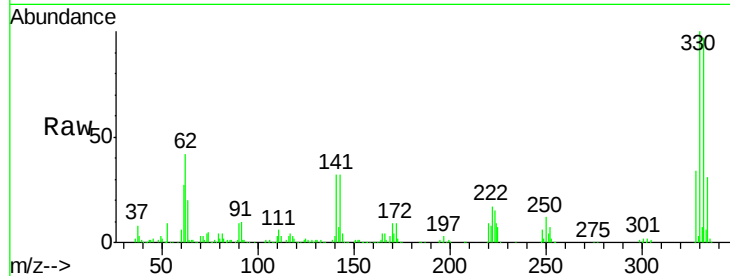


#42
 2,4,6-Tribromophenol
 Concen: 70.688 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020696.D
 Acq: 04 Jun 2019 08:54

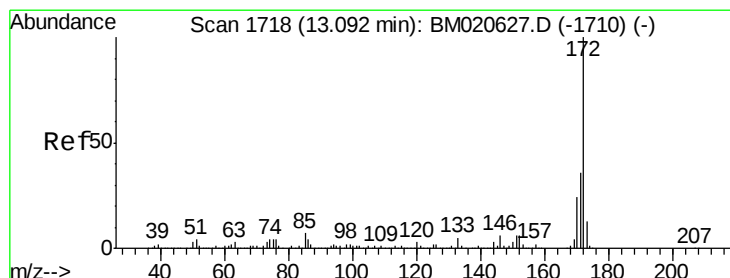
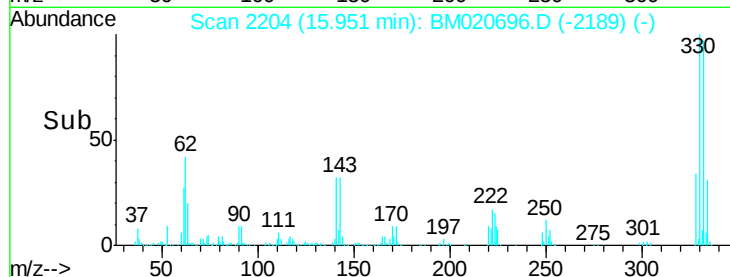
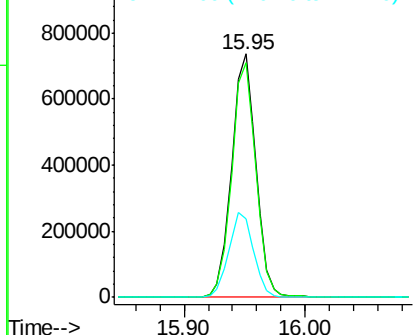
Instrument :
 BNA_M
 ClientSampleId :
 FEQC-FB-052319

Tot Ion:330 Resp: 1033602

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	35.7	30.4	45.6



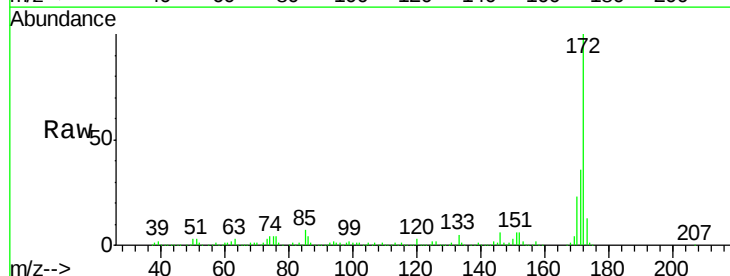
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



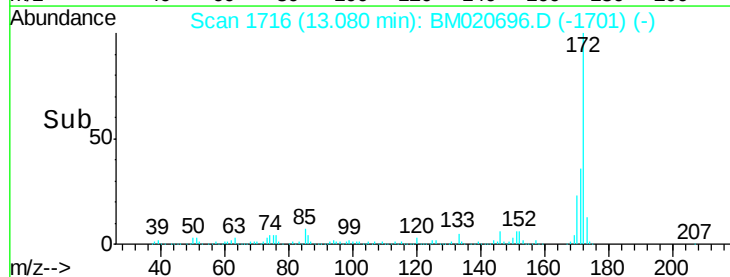
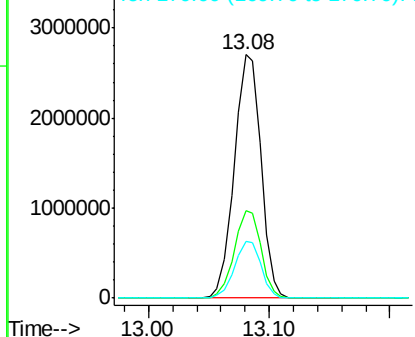
#45
 2-Fluorobiphenyl
 Concen: 46.909 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020696.D
 Acq: 04 Jun 2019 08:54

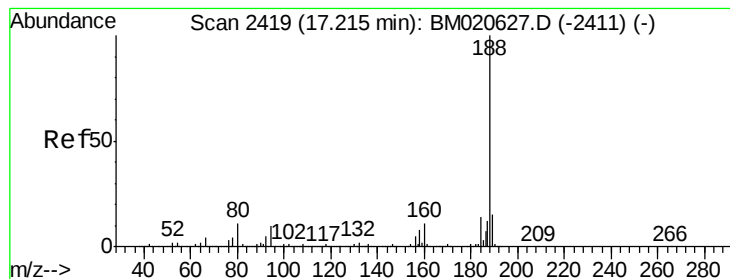
Tgt Ion:172 Resp: 4164124

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.4	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020696.D

Acq: 04 Jun 2019 08:54

Instrument :

BNA_M

ClientSampleId :

FEQC-FB-052319

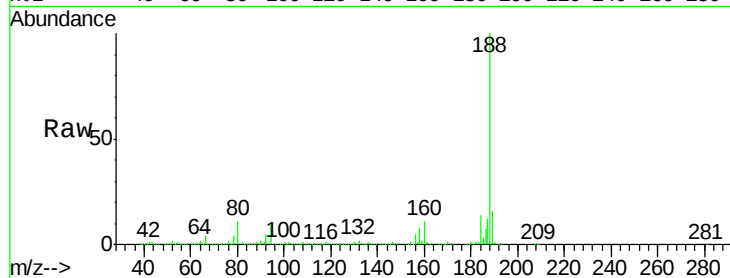
Tot Ion:188 Resp: 2399281

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.8

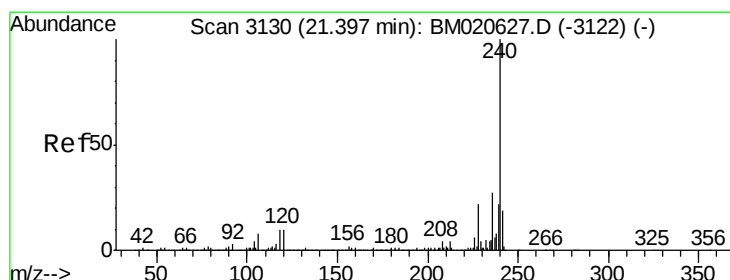
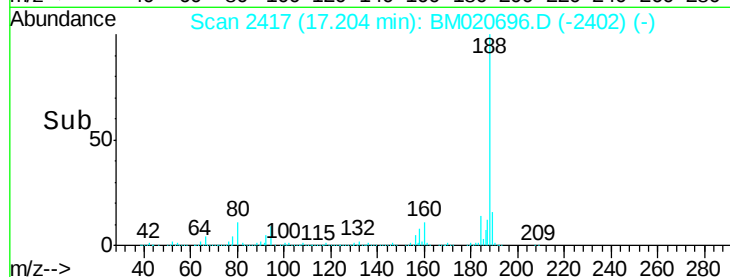
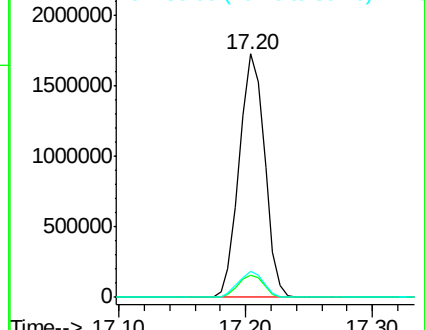
80 10.8 9.0 13.6



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020696.D

Acq: 04 Jun 2019 08:54

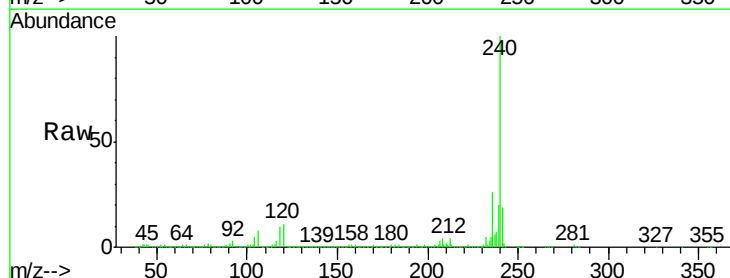
Tgt Ion:240 Resp: 2229714

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

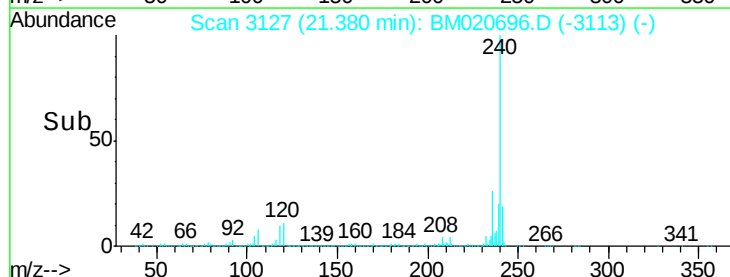
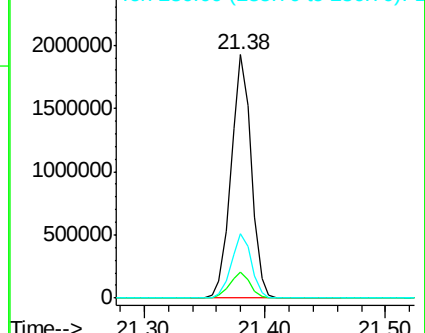
236 26.3 21.2 31.8

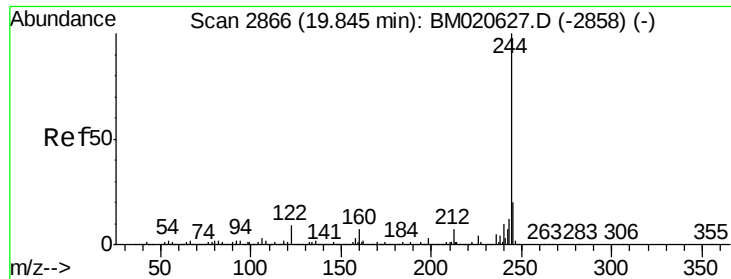


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 42.446 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020696.D

Acq: 04 Jun 2019 08:54

Instrument :

BNA_M

ClientSampleId :

FEQC-FB-052319

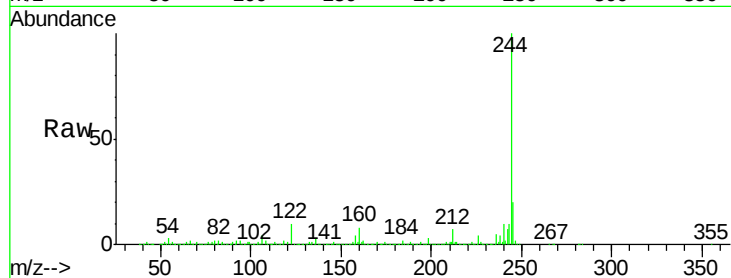
Tot Ion:244 Resp: 5658203

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

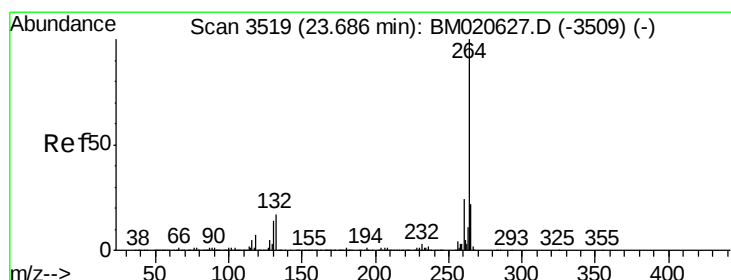
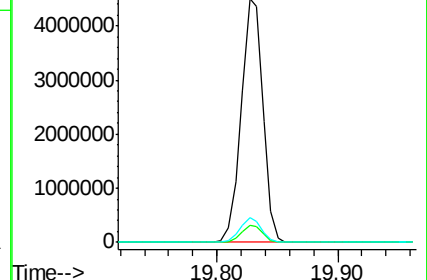
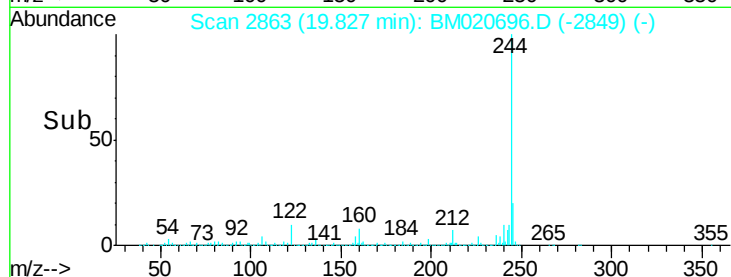
122 10.2 7.2 10.8



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

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020696.D

Acq: 04 Jun 2019 08:54

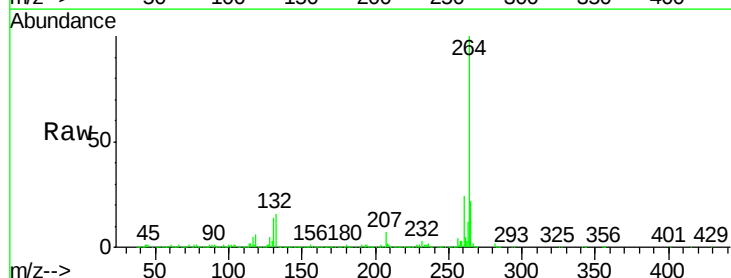
Tgt Ion:264 Resp: 2620737

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 17.6 26.4



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

