

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020681.D
 Acq On : 03 Jun 2019 21:18
 Operator : HP/JU
 Sample : PB120232TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120232TB

Quant Time: Jun 04 06:47:19 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	262357	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	998253	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	522078	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1031824	20.00	ng	0.00
76) Chrysene-d12	21.38	240	838335	20.00	ng	-0.02
87) Perylene-d12	23.67	264	994867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2003538	134.33	ng	0.00
7) Phenol-d6	6.99	99	2721550	123.93	ng	0.00
23) Nitrobenzene-d5	8.99	82	1652044	85.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	776820	120.09	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3559378	90.64	ng	0.00
79) Terphenyl-d14	19.83	244	4052947	80.86	ng	-0.01

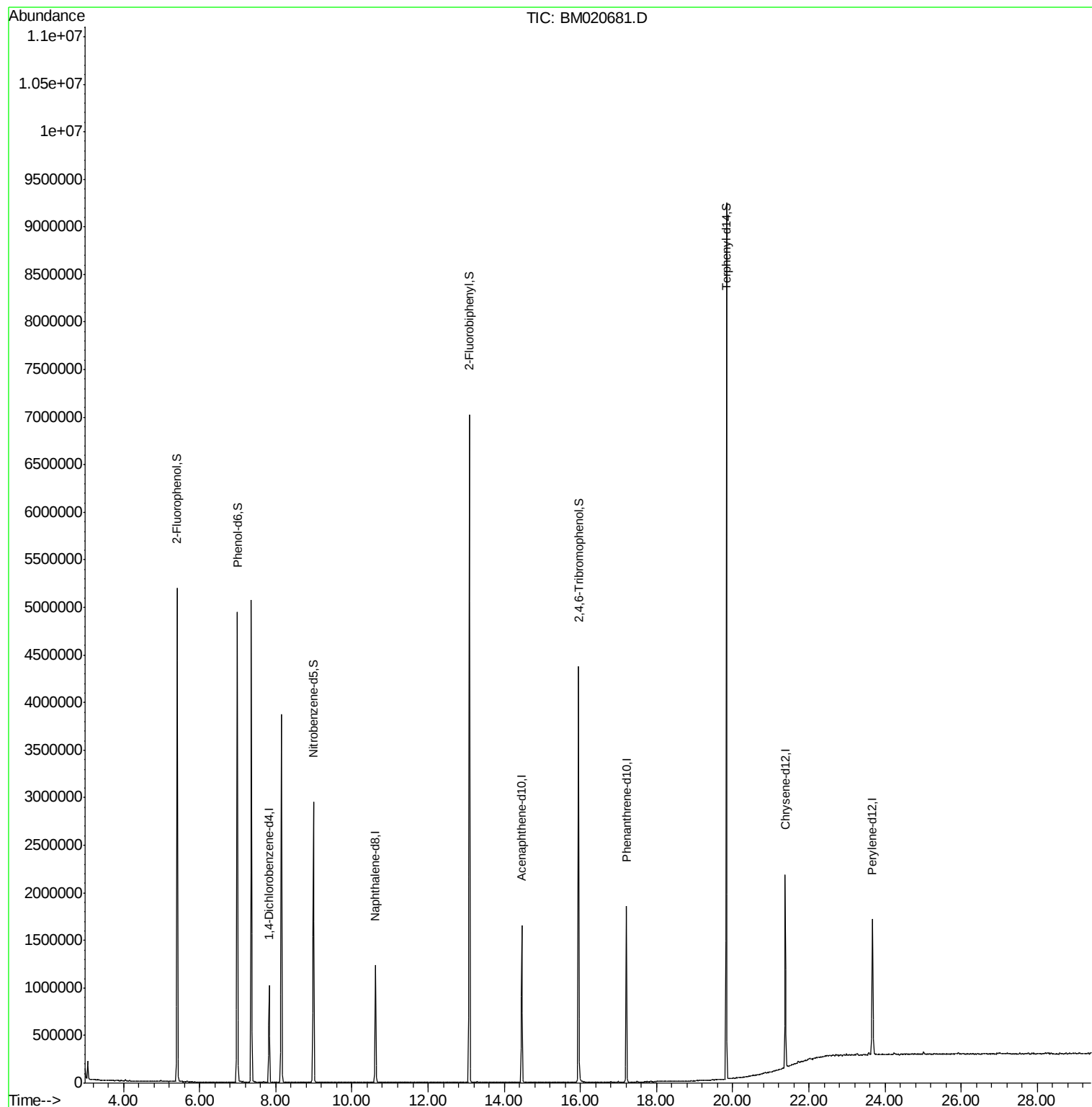
Target Compounds Qvalue

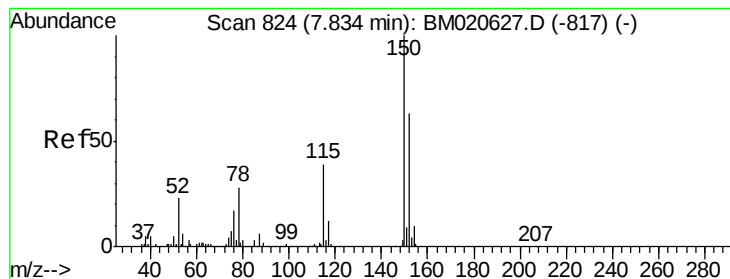
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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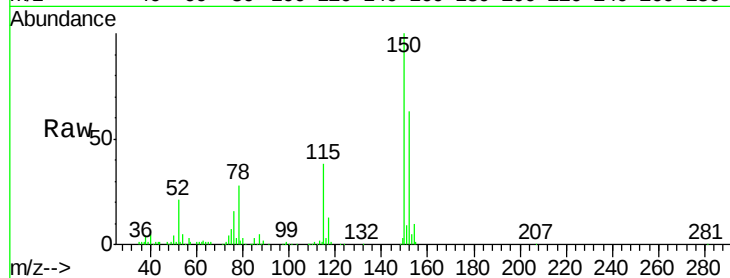


#1

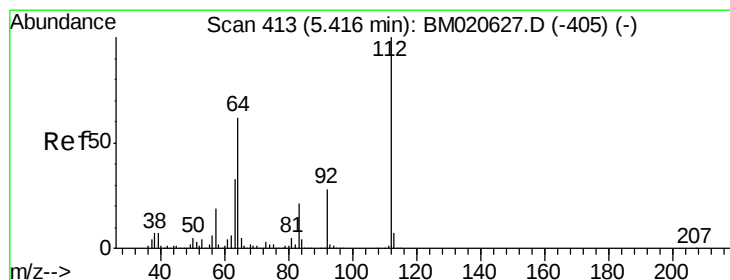
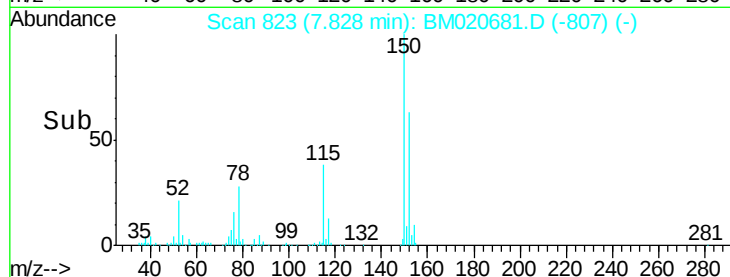
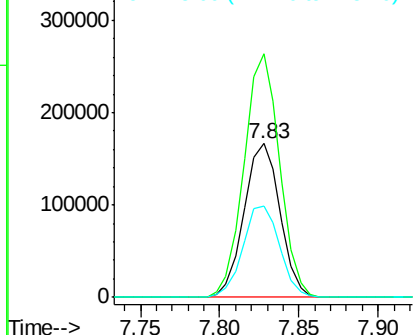
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020681.D
Acq: 03 Jun 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB120232TB

Tot Ion	152	Resp	262357
Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.0	189.0
115	59.6	49.6	74.4



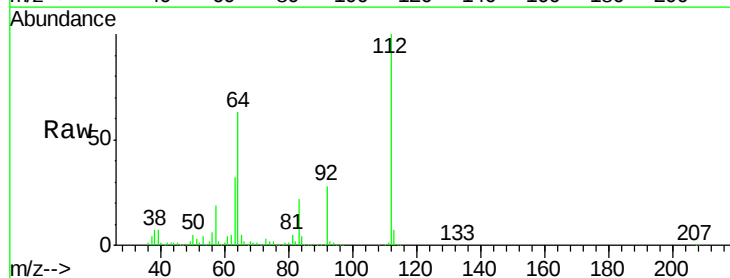
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



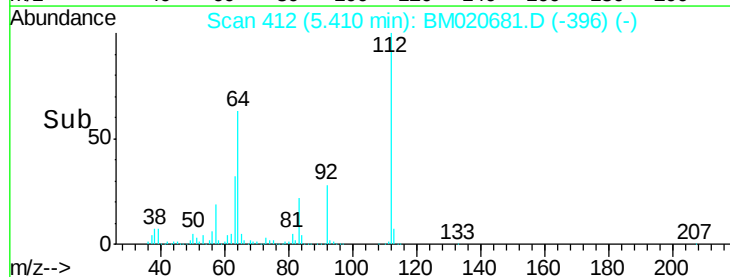
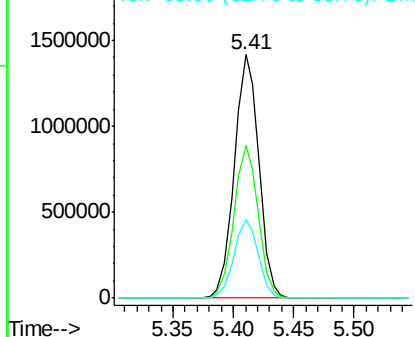
#5

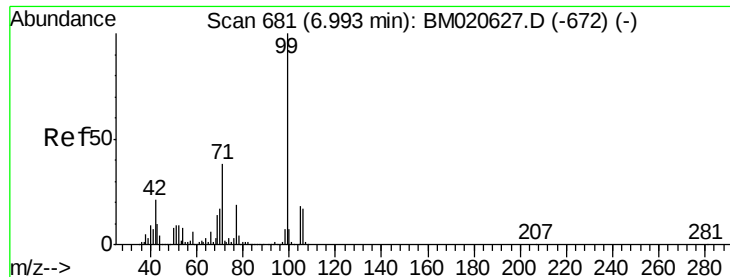
2-Fluorophenol
Concen: 134.334 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020681.D
Acq: 03 Jun 2019 21:18

Tgt Ion	112	Resp	2003538
Ion	Ratio	Lower	Upper
112	100		
64	62.6	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: 123.926 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020681.D

Acq: 03 Jun 2019 21:18

Instrument :

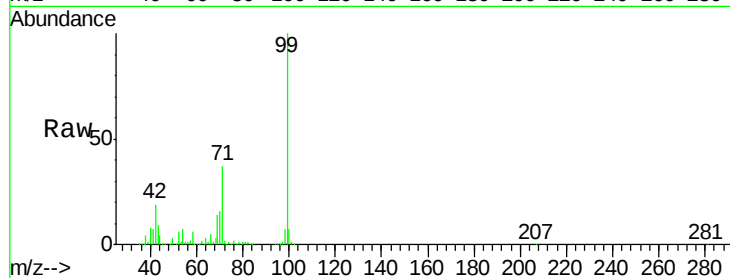
BNA_M

ClientSampleId :

PB120232TB

Tot Ion: 99 Resp: 2721550

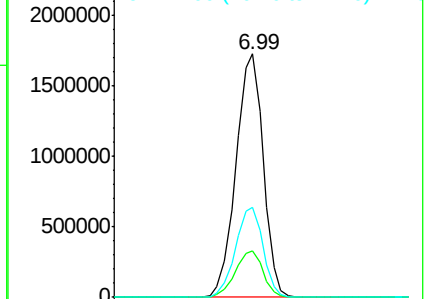
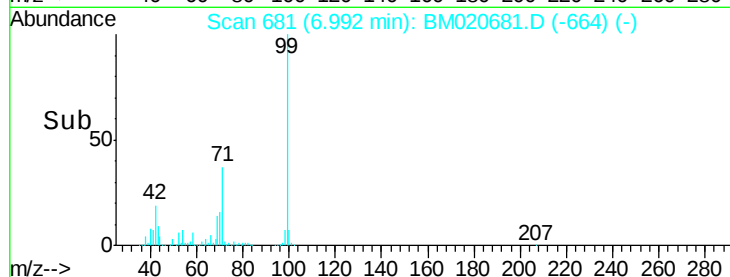
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.5	24.7
71	37.2	30.7	46.1



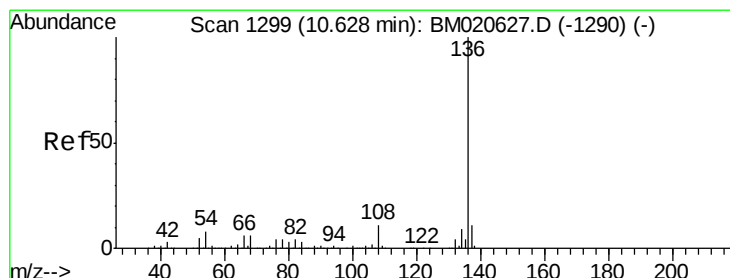
Abundance Ion 99.00 (98.70 to 99.70): BM020681.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020681.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020681.D (-664) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

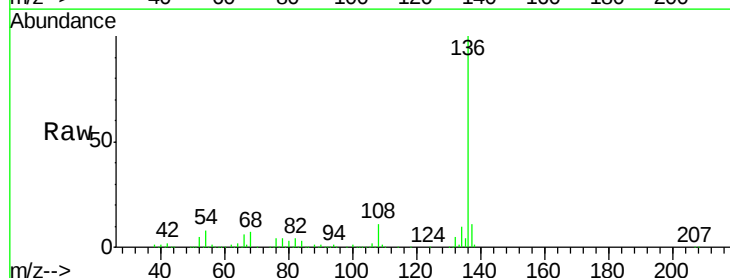
Delta R.T. -0.01 min

Lab File: BM020681.D

Acq: 03 Jun 2019 21:18

Tgt Ion: 136 Resp: 998253

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	6.6	10.0
68	6.6	5.1	7.7

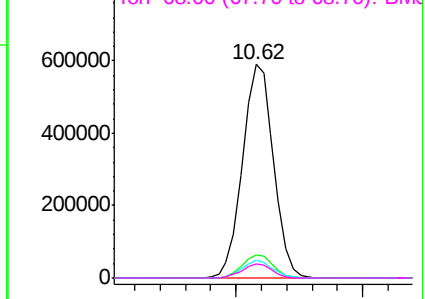
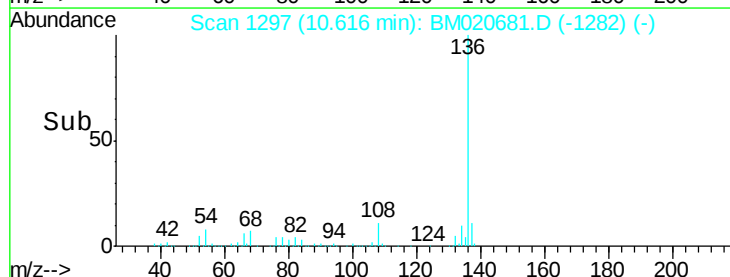


Abundance Ion 136.00 (135.70 to 136.70): BM020681.D (-1282) (-)

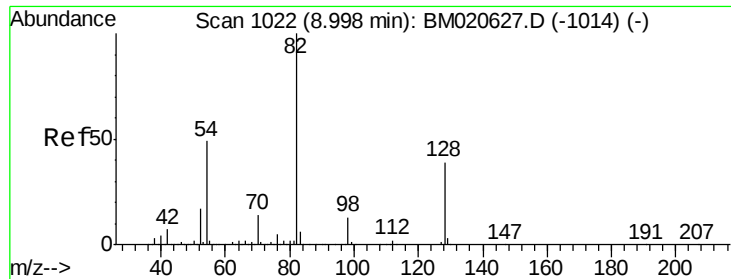
Ion 137.00 (136.70 to 137.70): BM020681.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020681.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020681.D (-1282) (-)



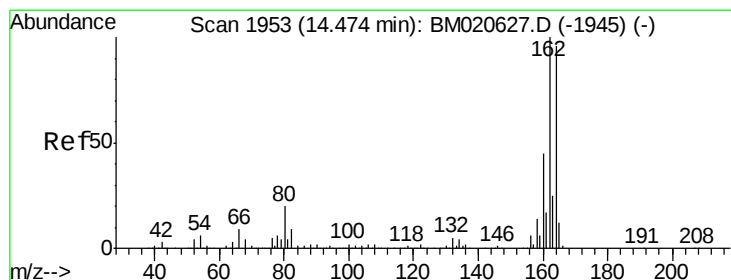
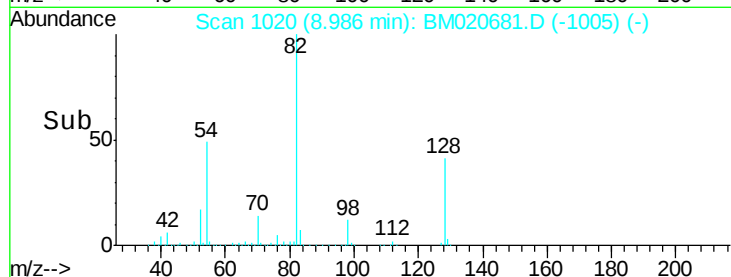
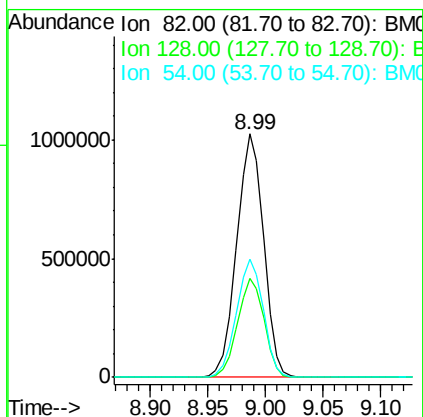
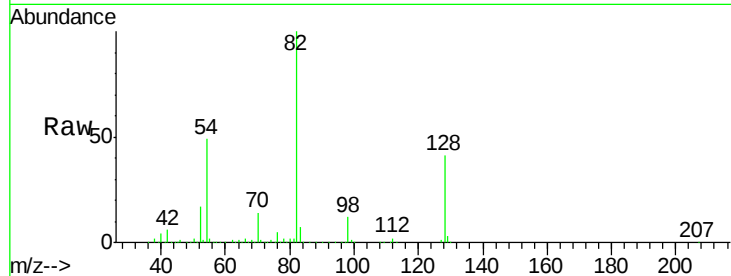
Time-->



#23
Nitrobenzene-d5
Concen: 85.745 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020681.D
Acq: 03 Jun 2019 21:18

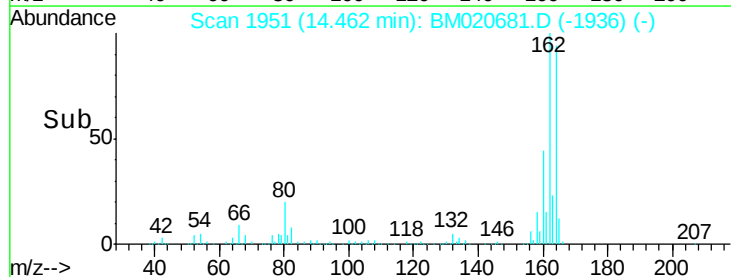
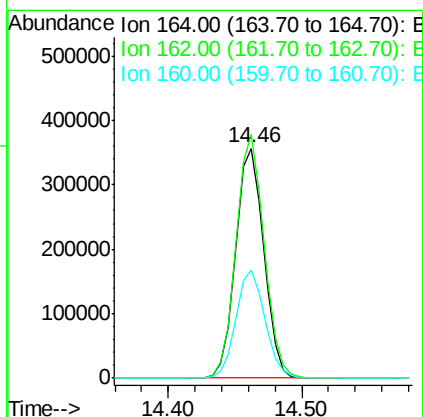
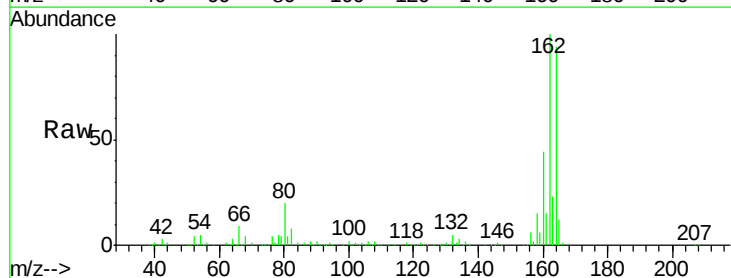
Instrument :
BNA_M
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PB120232TB

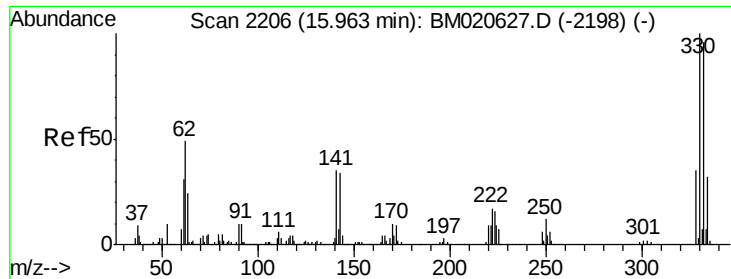
Tot Ion: 82 Resp: 1652044
Ion Ratio Lower Upper
82 100
128 40.6 31.5 47.3
54 48.6 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020681.D
Acq: 03 Jun 2019 21:18

Tgt Ion:164 Resp: 522078
Ion Ratio Lower Upper
164 100
162 105.9 83.2 124.8
160 46.8 37.5 56.3

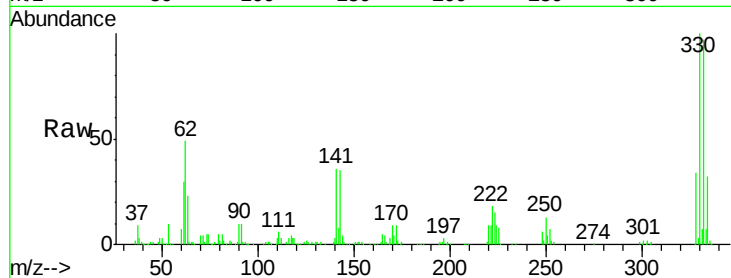




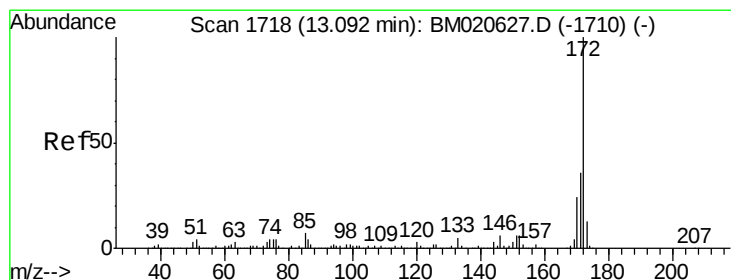
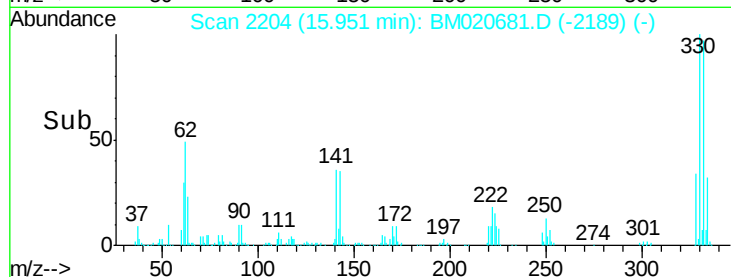
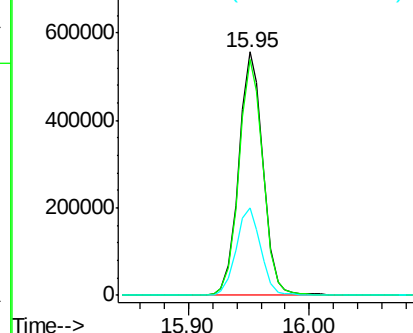
#42
 2,4,6-Tribromophenol
 Concen: 120.093 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020681.D
 Acq: 03 Jun 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120232TB

Tot Ion:330 Resp: 776820
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 36.6 30.4 45.6

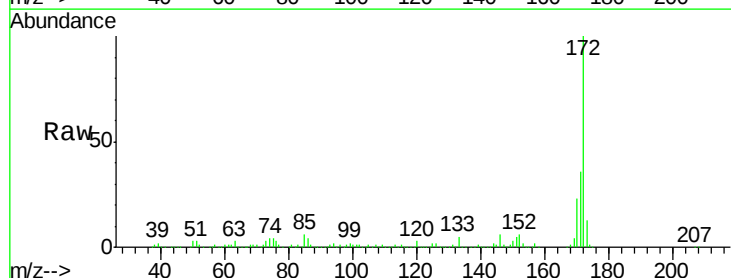


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

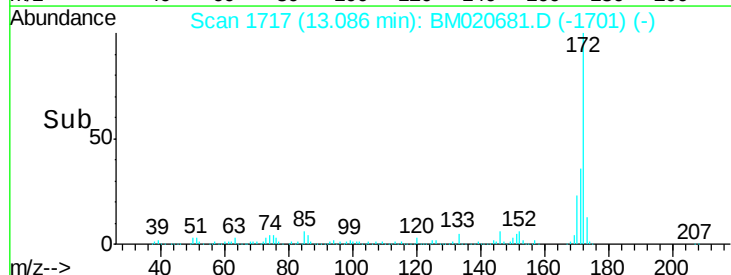
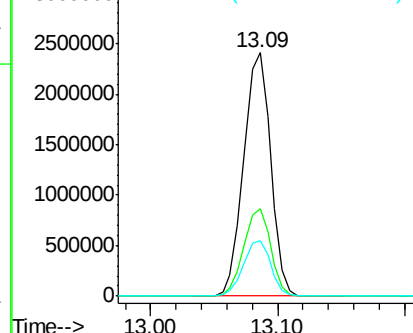


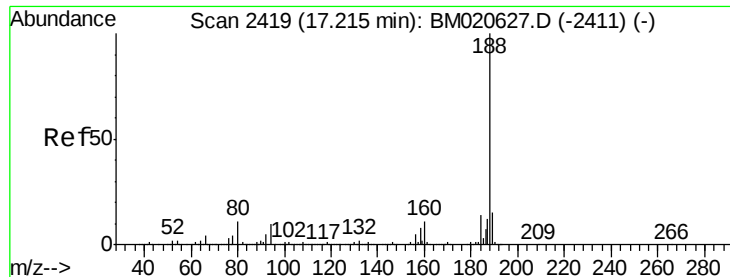
#45
 2-Fluorobiphenyl
 Concen: 90.638 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020681.D
 Acq: 03 Jun 2019 21:18

Tgt Ion:172 Resp: 3559378
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.0 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

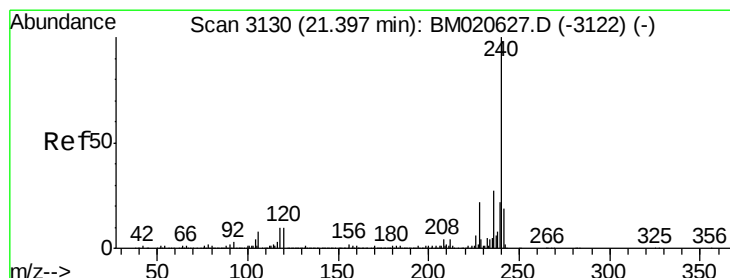
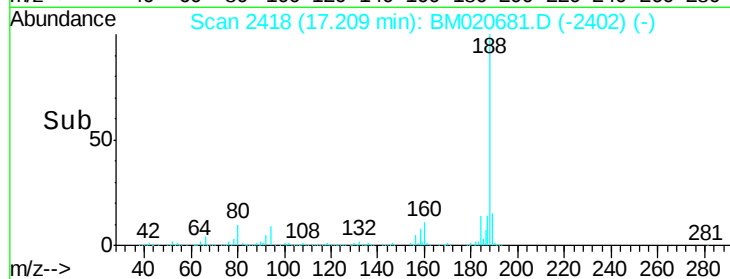
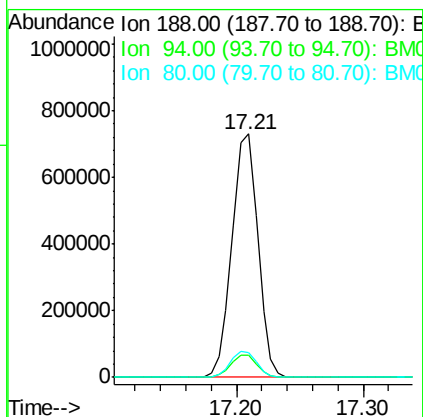
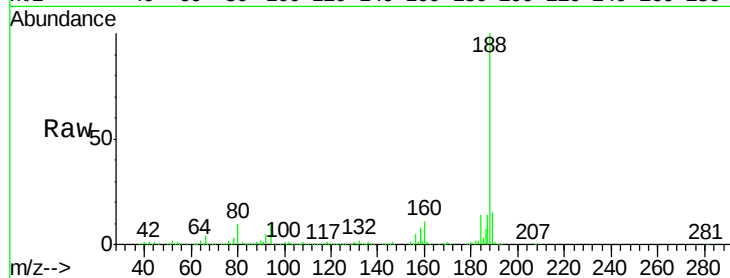




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020681.D
Acq: 03 Jun 2019 21:18

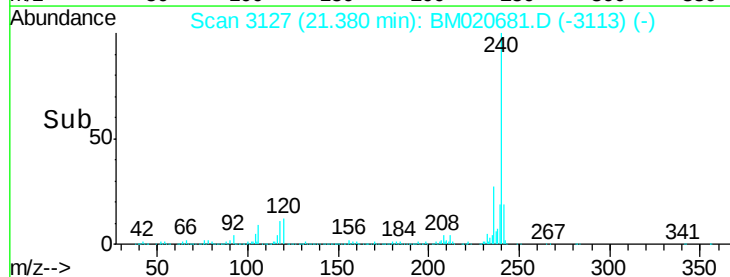
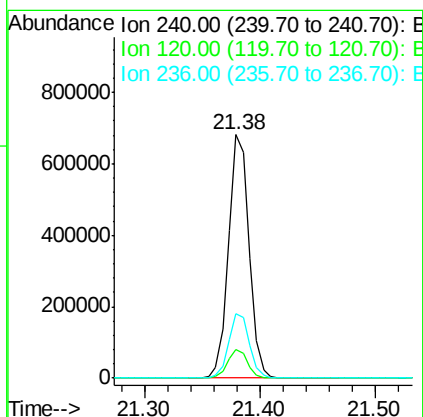
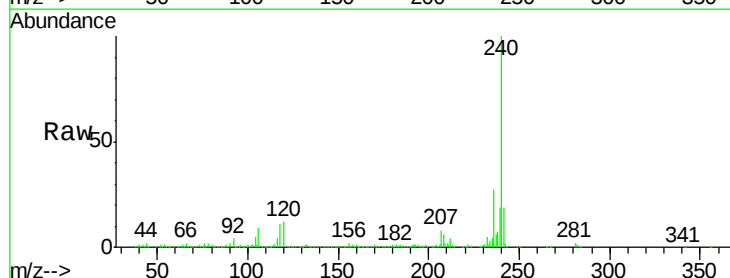
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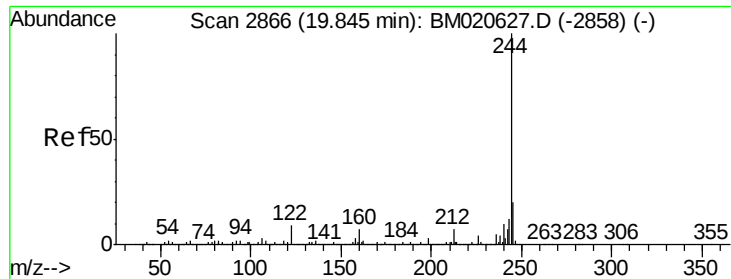
Tot Ion:188 Resp: 1031824
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.8
80 10.2 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020681.D
Acq: 03 Jun 2019 21:18

Tgt Ion:240 Resp: 838335
Ion Ratio Lower Upper
240 100
120 11.8 8.2 12.2
236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 80.865 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020681.D

Acq: 03 Jun 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB120232TB

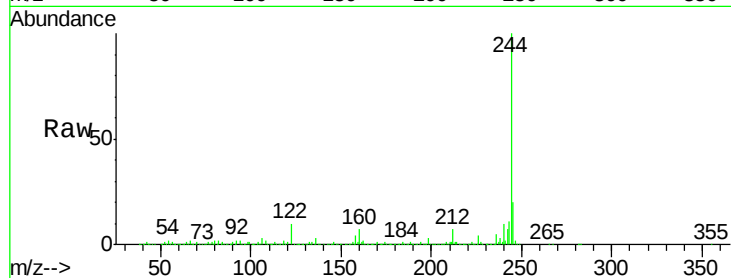
Tot Ion:244 Resp: 4052947

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

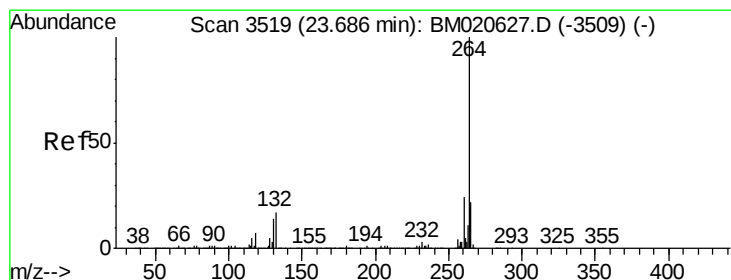
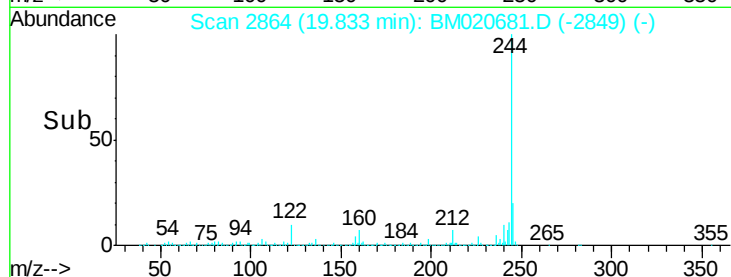
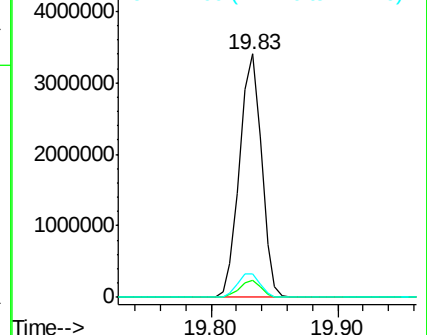
122 9.6 7.2 10.8



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: BM020681.D

Acq: 03 Jun 2019 21:18

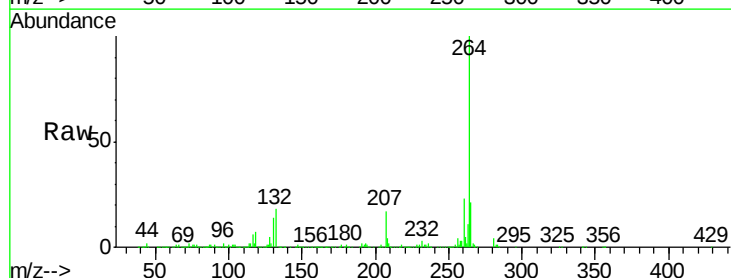
Tgt Ion:264 Resp: 994867

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

