

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020722.D
 Acq On : 05 Jun 2019 04:31
 Operator : HP/JU
 Sample : PB120082BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BL

Quant Time: Jun 05 06:49:09 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

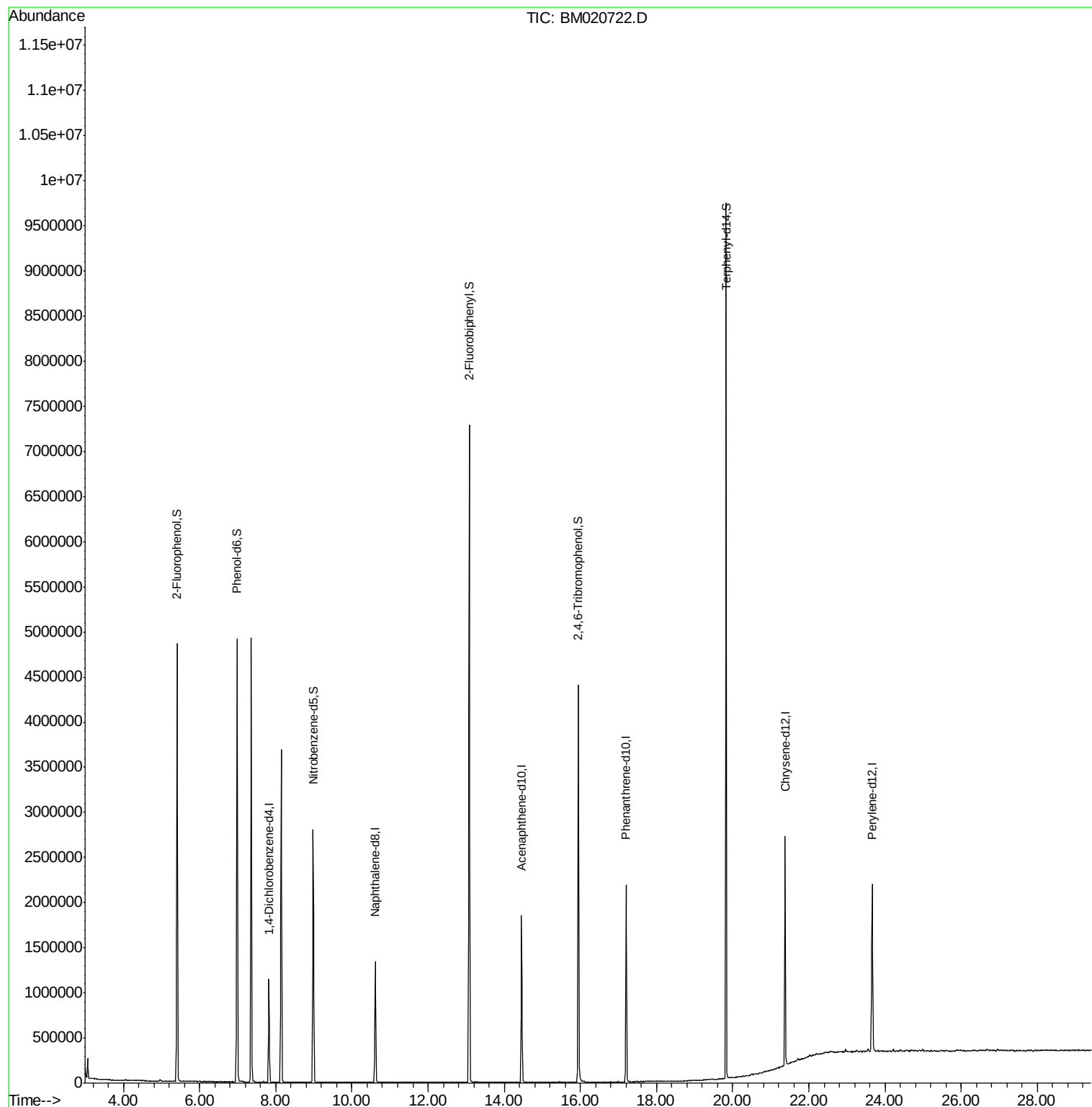
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	289827	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1114452	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	599311	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1204566	20.00	ng	-0.01
76) Chrysene-d12	21.37	240	1058450	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1271649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1966595	119.36	ng	0.00
7) Phenol-d6	6.99	99	2667274	109.94	ng	0.00
23) Nitrobenzene-d5	8.98	82	1616922	75.17	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	820336	110.48	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	3616751	80.23	ng	-0.01
79) Terphenyl-d14	19.83	244	4411784	69.72	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	6095	Below Cal	Qvalue #	6

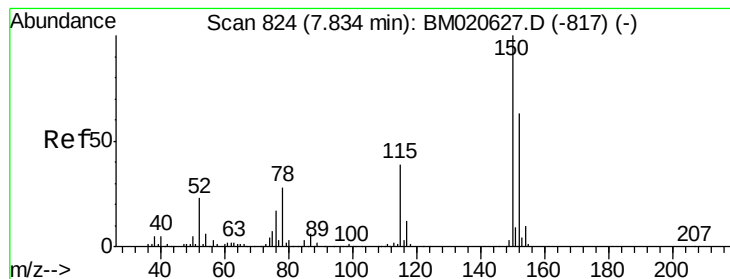
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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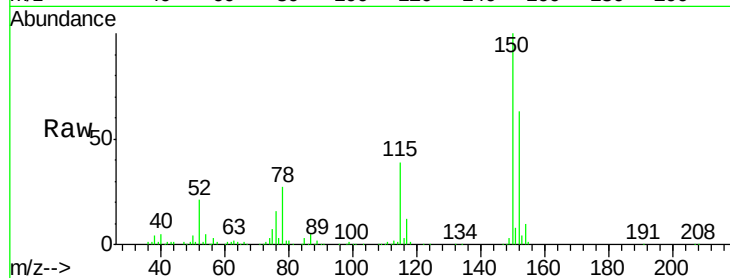


#1

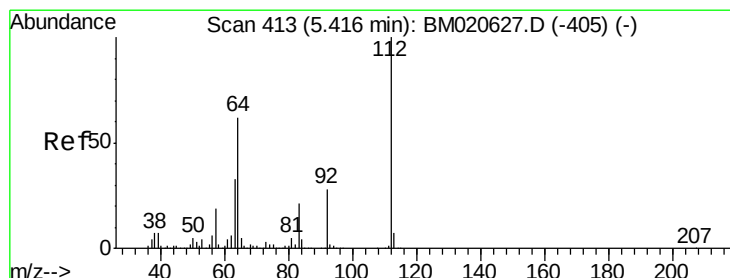
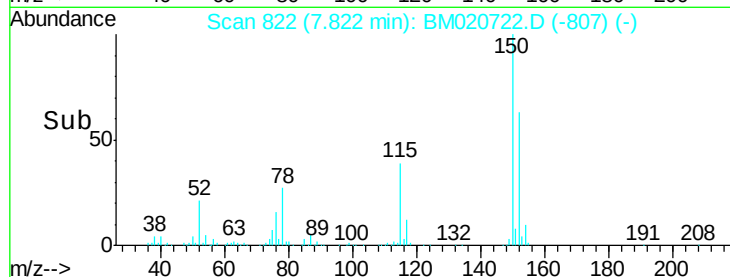
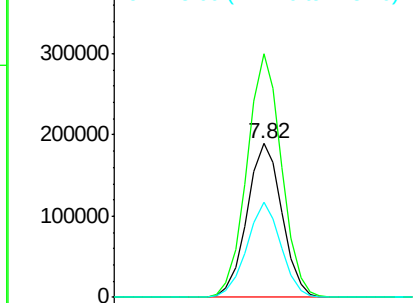
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Instrument :
BNA_M
ClientSampleId :
PB120082BL

Tgt Ion:152 Resp: 289827
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 62.3 49.6 74.4



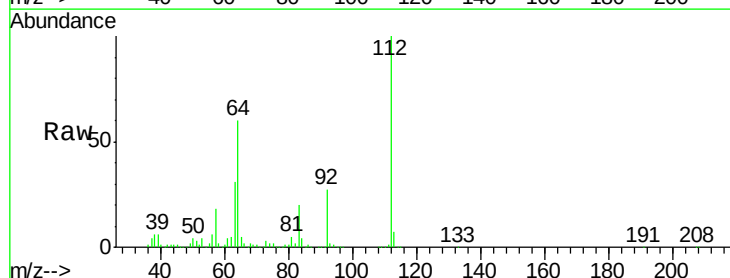
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



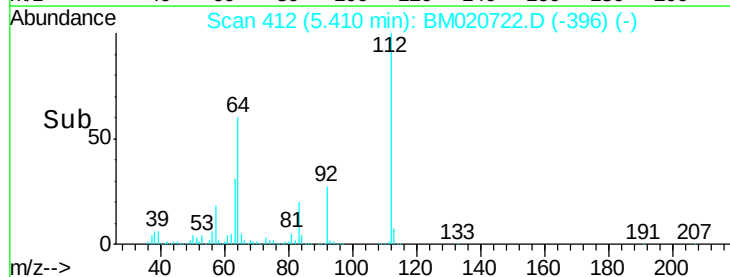
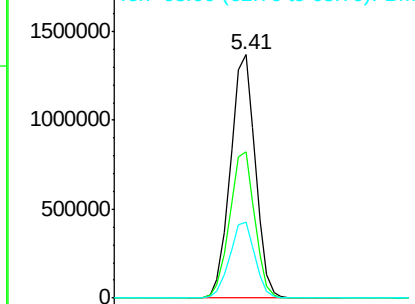
#5

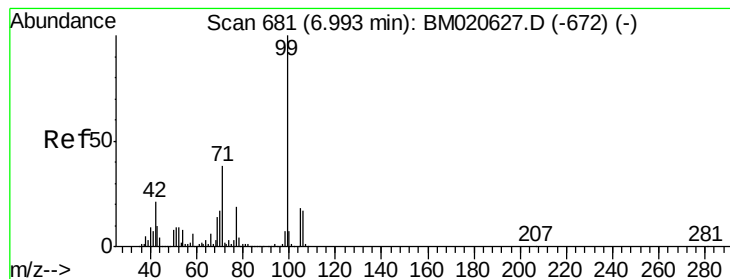
2-Fluorophenol
Concen: 119.360 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Tgt Ion:112 Resp: 1966595
Ion Ratio Lower Upper
112 100
64 59.9 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





#7

Phenol-d6

Concen: 109.943 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

PB120082BL

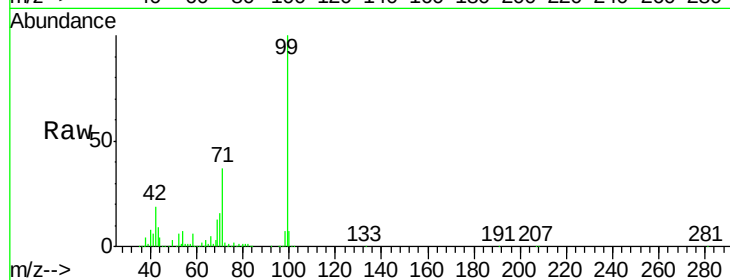
Tgt Ion: 99 Resp: 2667274

Ion Ratio Lower Upper

99 100

42 18.7 16.5 24.7

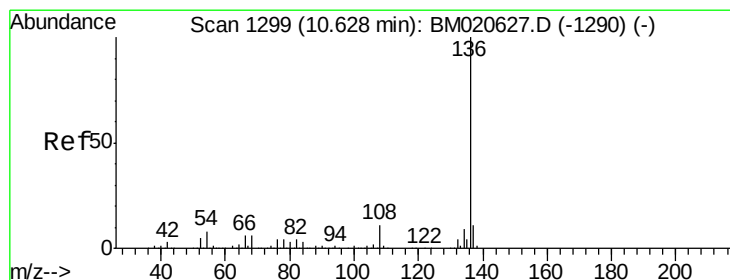
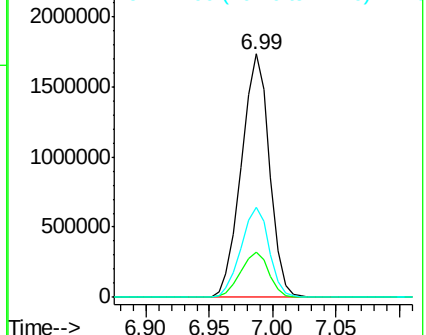
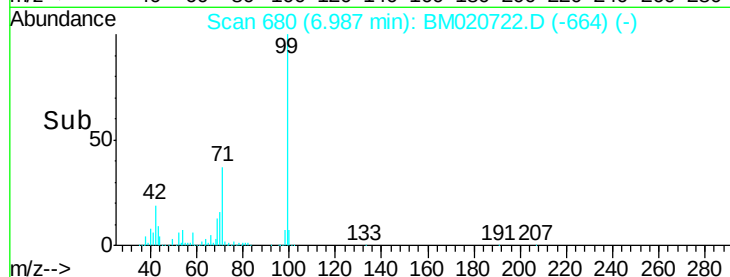
71 37.1 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020722.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020722.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020722.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Tgt Ion: 136 Resp: 1114452

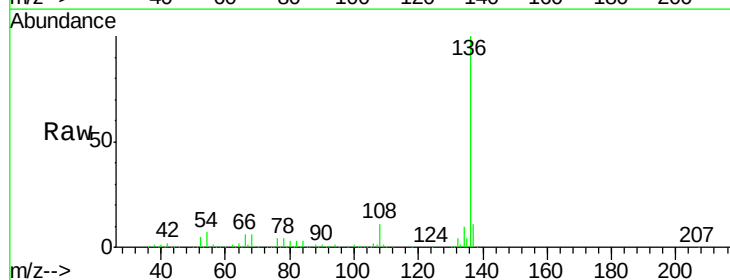
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.5 6.6 10.0

68 5.7 5.1 7.7

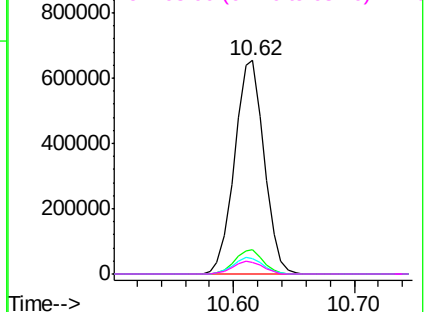
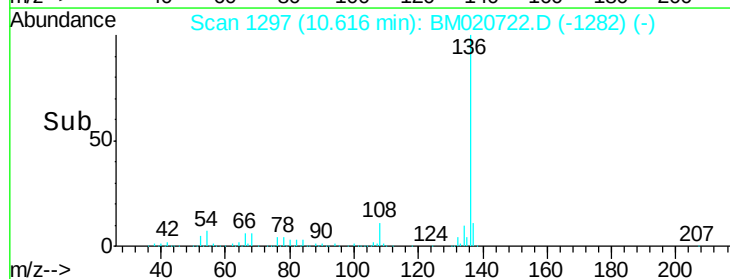


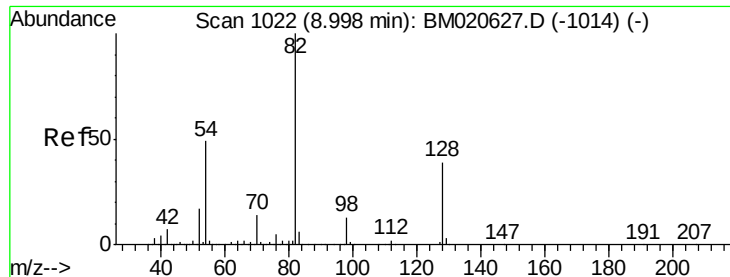
Abundance Ion 136.00 (135.70 to 136.70): BM020722.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020722.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020722.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020722.D (-1282) (-)

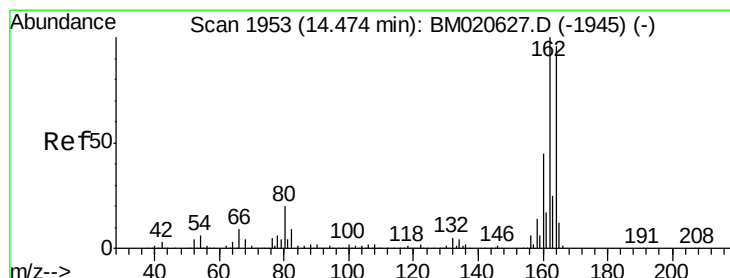
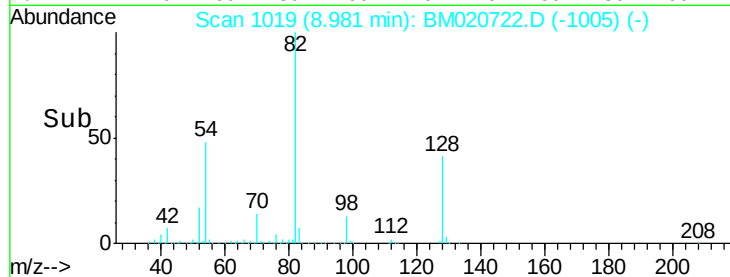
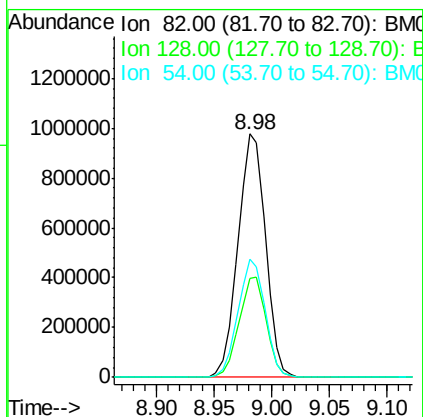
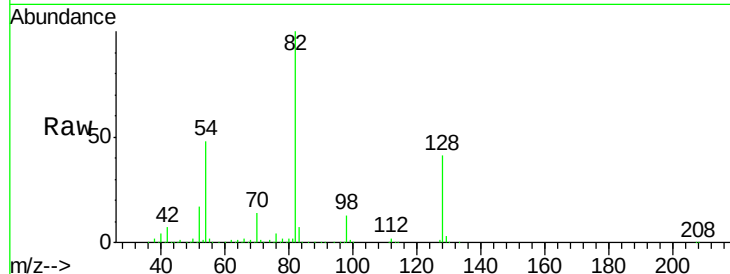




#23
Nitrobenzene-d5
Concen: 75.172 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

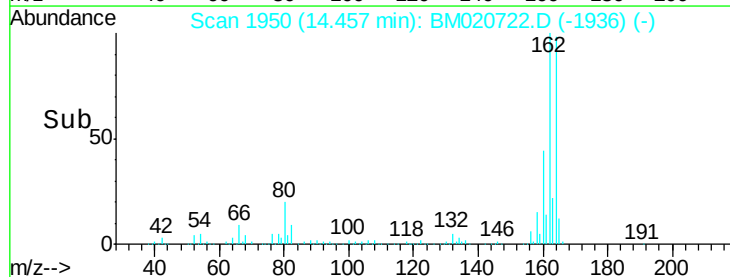
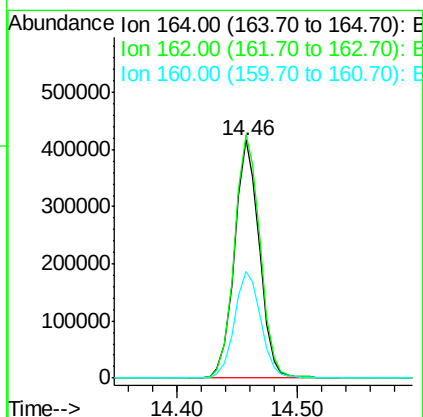
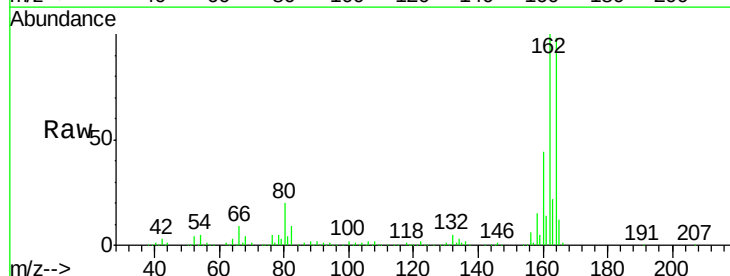
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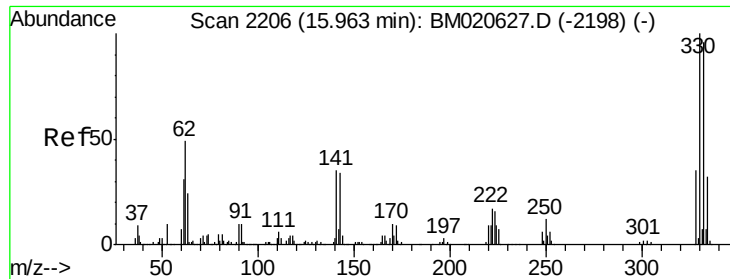
Tgt Ion: 82 Resp: 1616922
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 48.5 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020722.D
Acq: 05 Jun 2019 04:31

Tgt Ion: 164 Resp: 599311
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 44.8 37.5 56.3

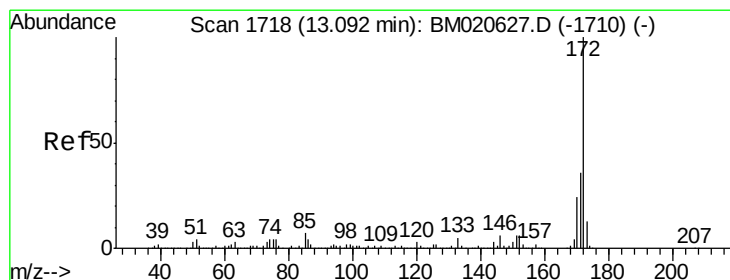
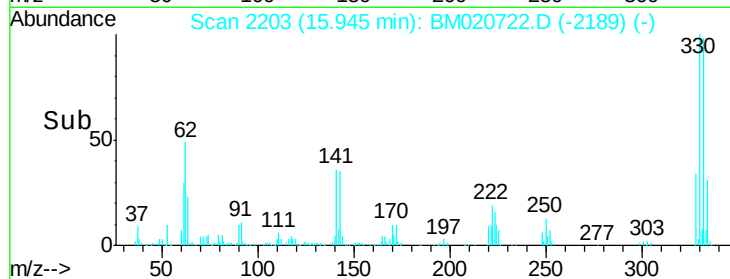
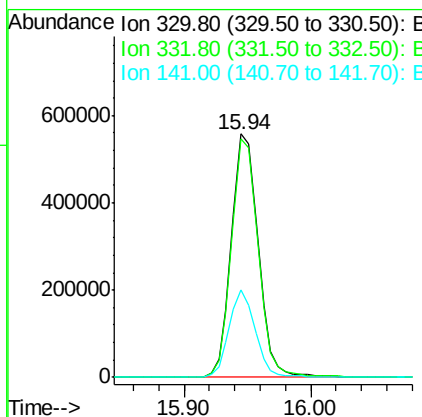
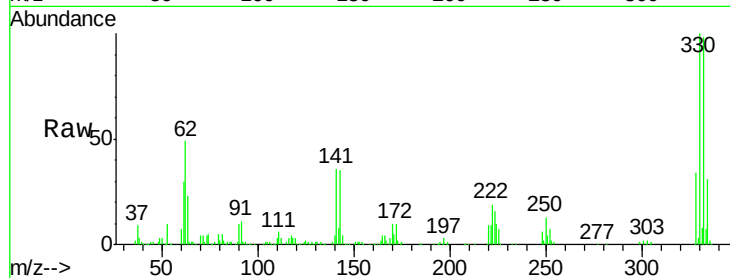




#42
 2,4,6-Tribromophenol
 Concen: 110.477 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM020722.D
 Acq: 05 Jun 2019 04:31

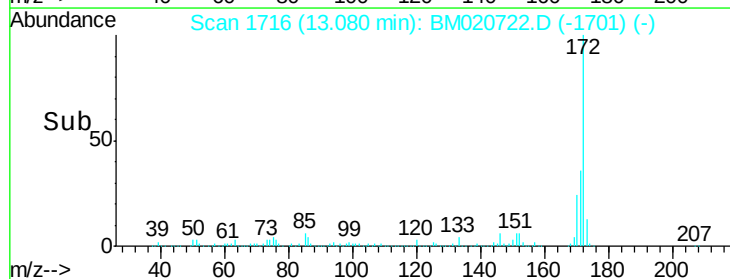
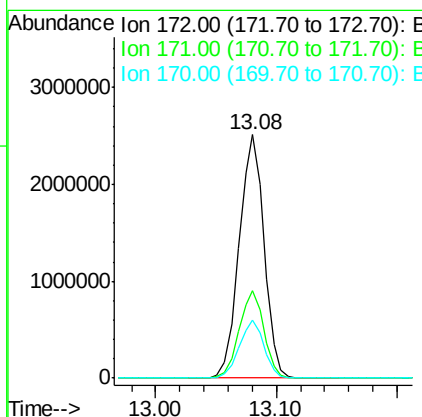
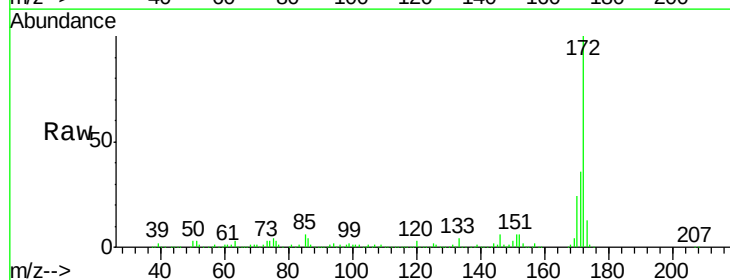
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BL

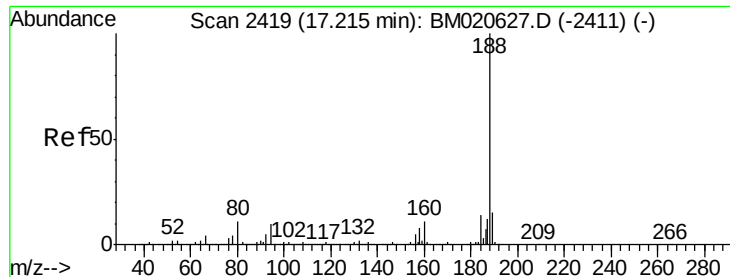
Tgt Ion:330 Resp: 820336
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 35.1 30.4 45.6



#45
 2-Fluorobiphenyl
 Concen: 80.230 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020722.D
 Acq: 05 Jun 2019 04:31

Tgt Ion:172 Resp: 3616751
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Instrument :

BNA_M

ClientSampleId :

PB120082BL

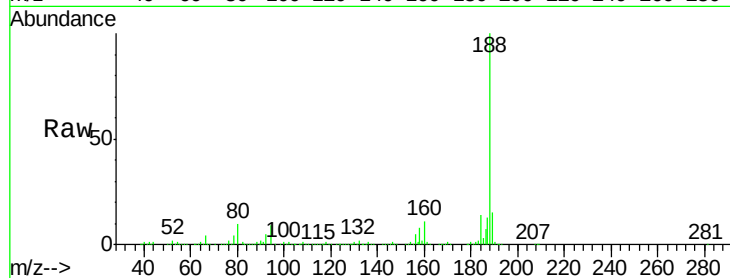
Tgt Ion:188 Resp: 1204566

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.8

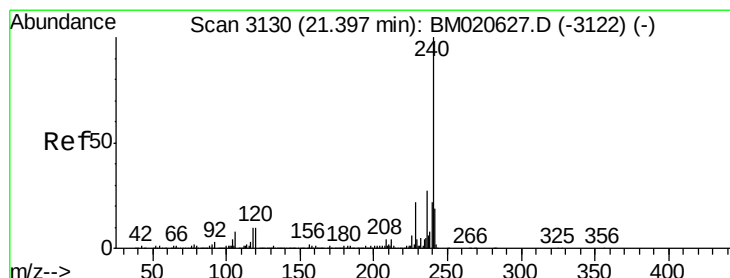
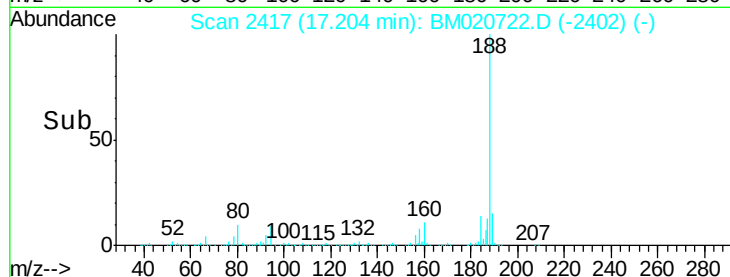
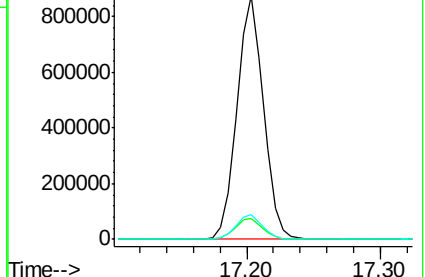
80 10.2 9.0 13.6



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: 21.37 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

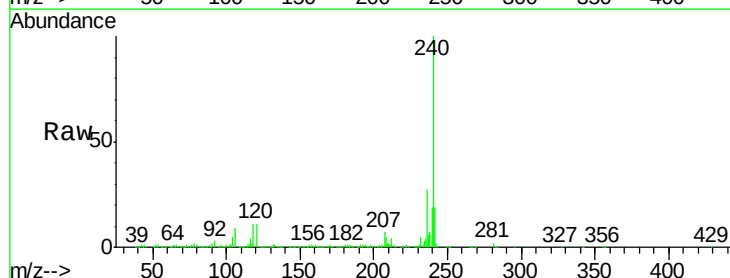
Tgt Ion:240 Resp: 1058450

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

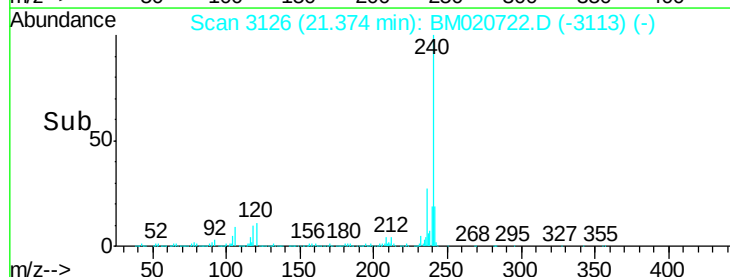
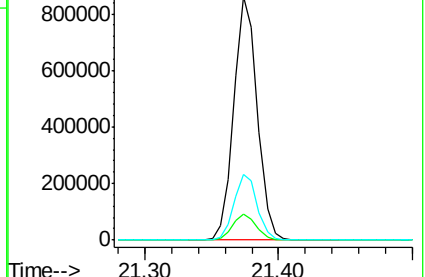
236 26.9 21.2 31.8

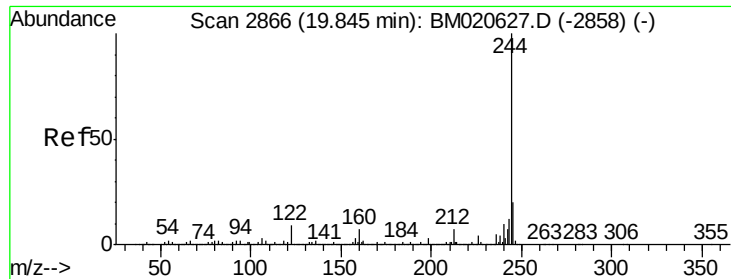


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.719 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Instrument :

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PB120082BL

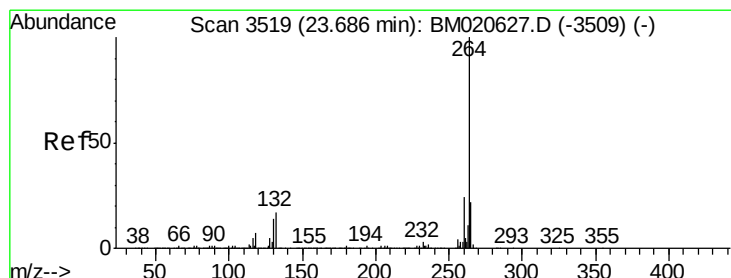
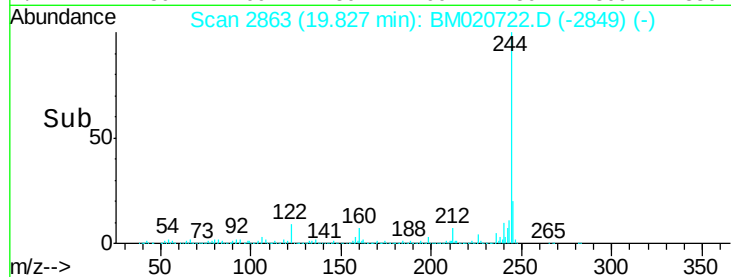
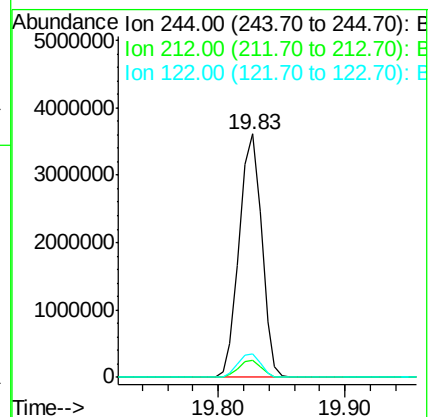
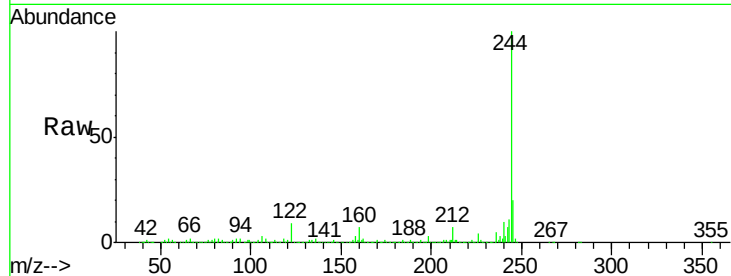
Tgt Ion:244 Resp: 4411784

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.4 7.2 10.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM020722.D

Acq: 05 Jun 2019 04:31

Tgt Ion:264 Resp: 1271649

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.6 26.4

