

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020045.D
 Acq On : 23 Apr 2019 20:19
 Operator : JU/SJ
 Sample : K2516-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:58:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

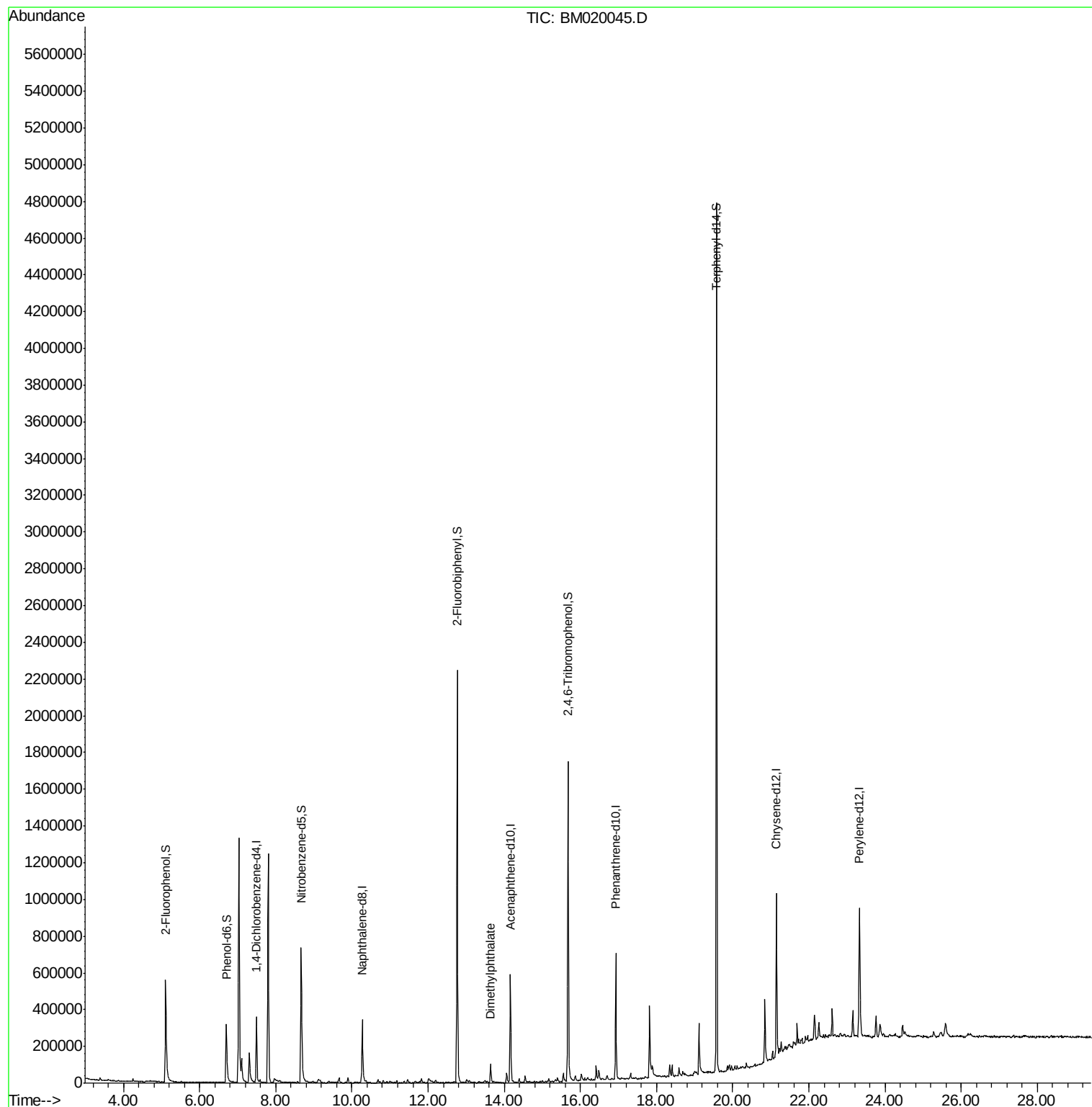
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	88583	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	318816	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	179844	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	403636	20.00	ng	-0.02
76) Chrysene-d12	21.15	240	421784	20.00	ng	-0.01
87) Perylene-d12	23.33	264	532042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	280197	51.26	ng	-0.02
7) Phenol-d6	6.70	99	227673	27.68	ng	-0.01
23) Nitrobenzene-d5	8.67	82	555941	77.98	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	330842	114.28	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1152294	79.85	ng	-0.02
79) Terphenyl-d14	19.57	244	1920235	80.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	109	Below Cal	Qvalue #	49
50) Dimethylphthalate	13.64	163	73965	4.663 ng		99

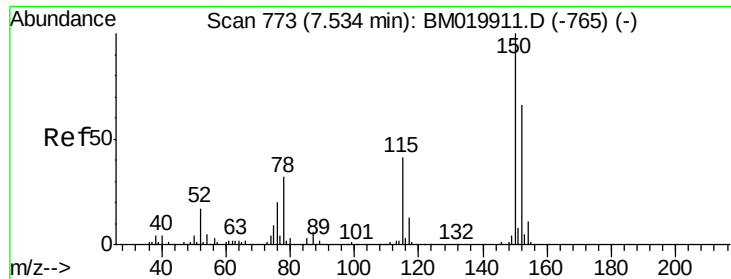
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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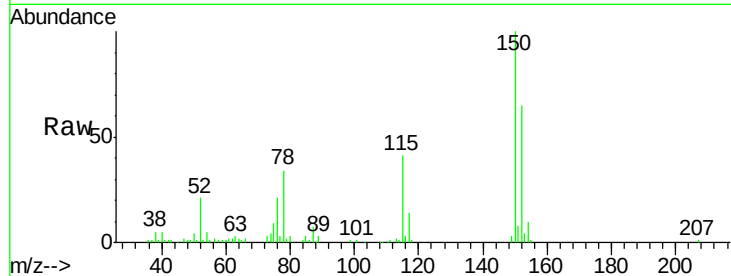


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020045.D
Acq: 23 Apr 2019 20:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	88583
Ion Ratio	Lower	Upper	
152	100		
150	154.9	122.1	183.1
115	63.3	50.0	75.0

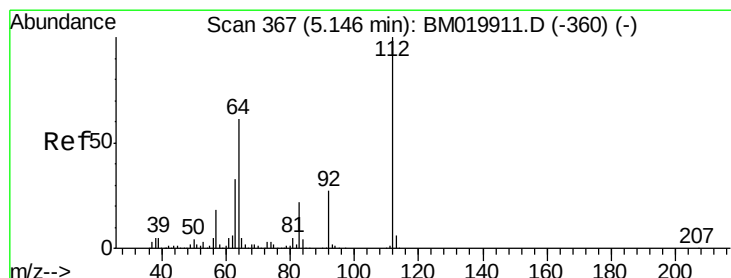
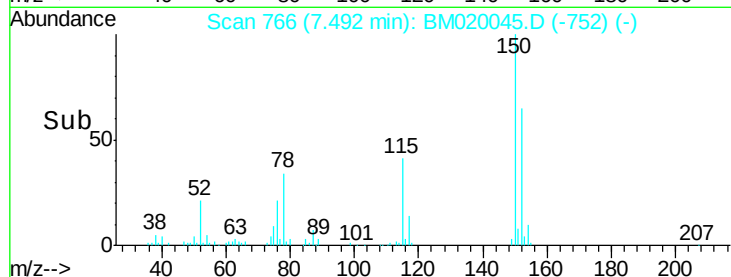
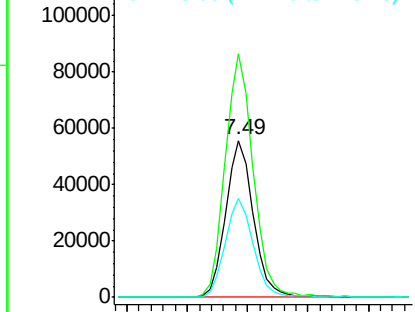


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

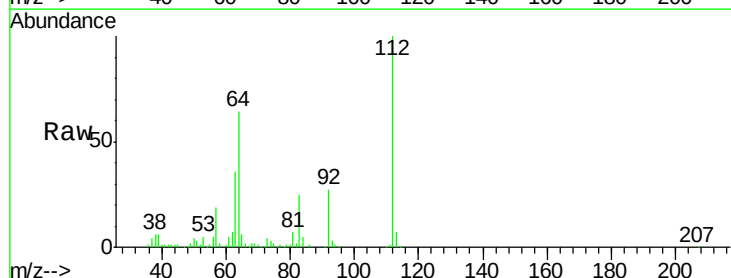
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.263 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020045.D
Acq: 23 Apr 2019 20:19

Tgt Ion	112	Resp	280197
Ion Ratio	Lower	Upper	
112	100		
64	64.1	49.1	73.7
63	35.9	26.5	39.7

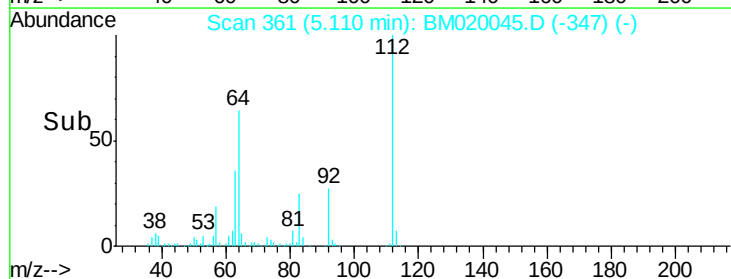
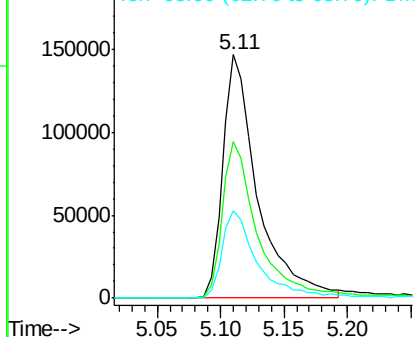


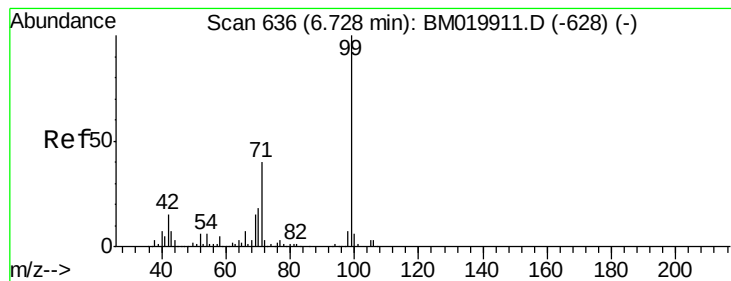
Abundance

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: 27.677 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020045.D

Acq: 23 Apr 2019 20:19

Instrument :

BNA_M

ClientSampled :

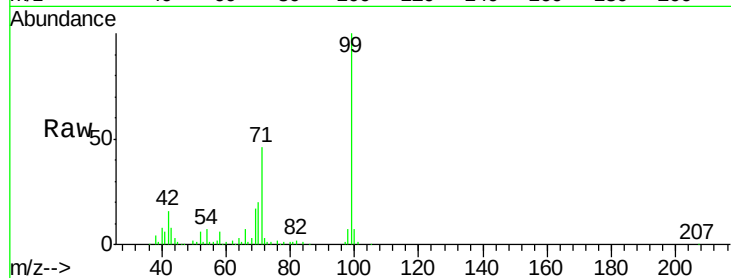
Tot Ion: 99 Resp: 227673

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.8

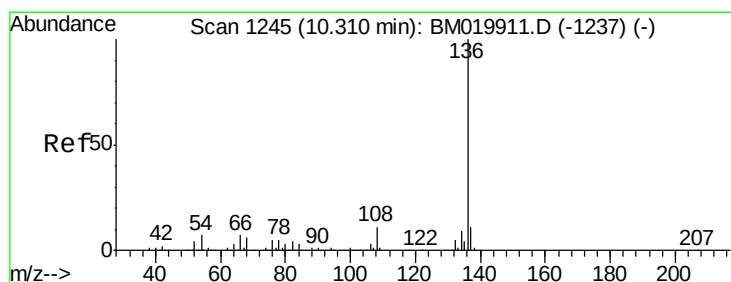
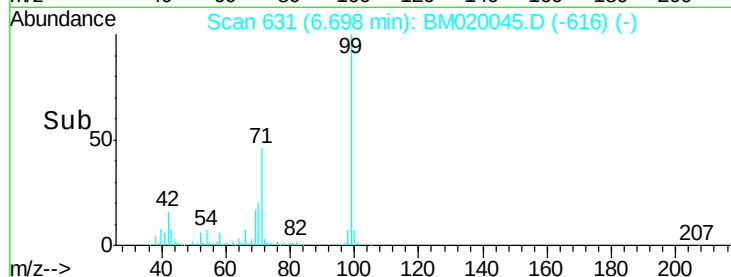
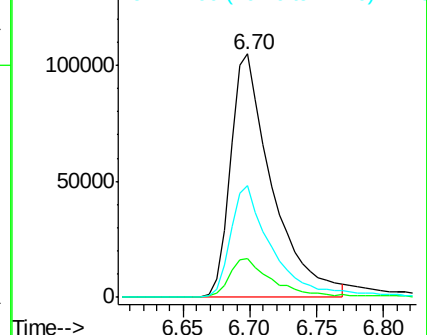
71 45.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BM020045.D

Acq: 23 Apr 2019 20:19

Tgt Ion: 136 Resp: 318816

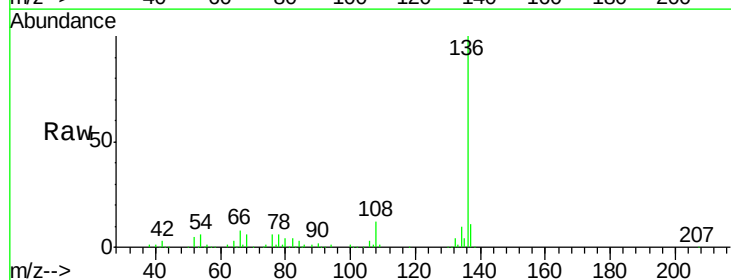
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.2 5.3 7.9

68 6.3 5.2 7.8

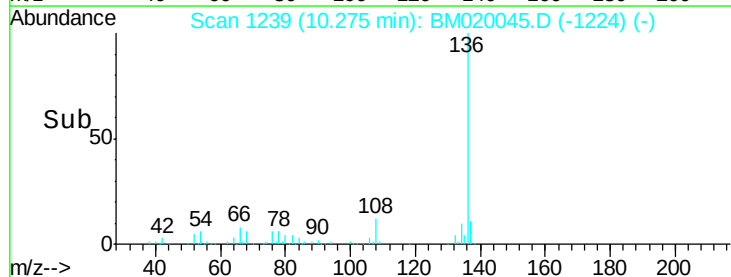
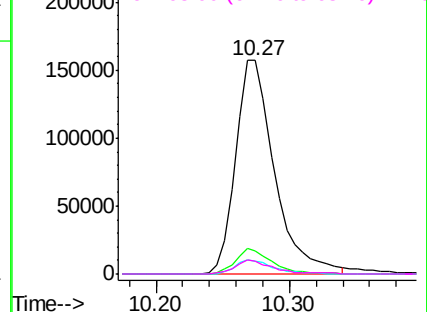


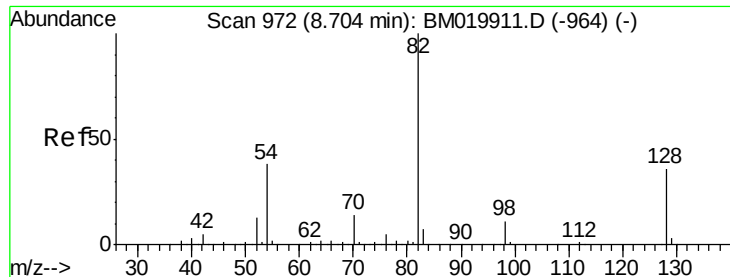
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

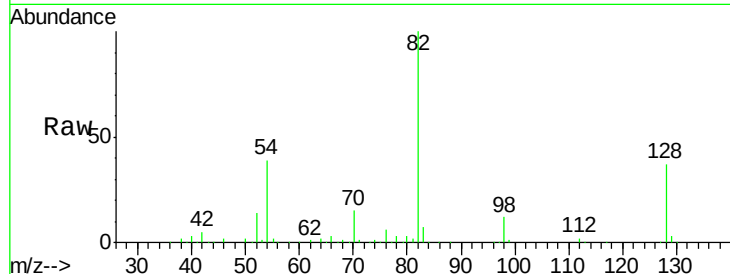




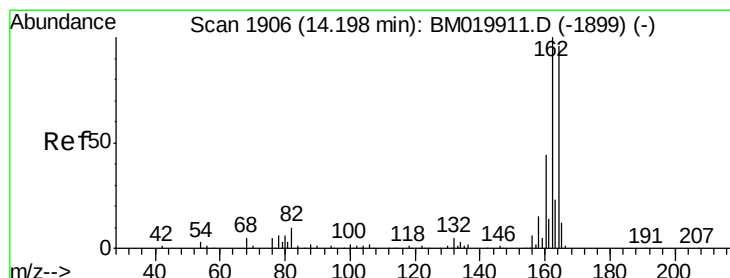
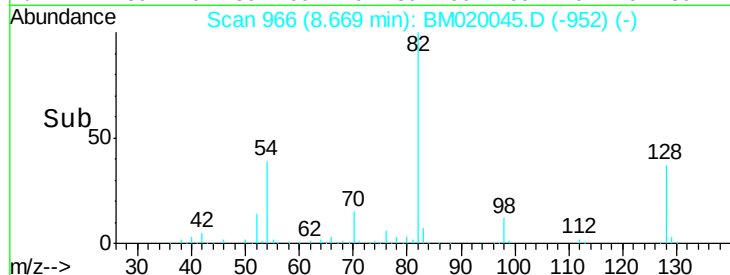
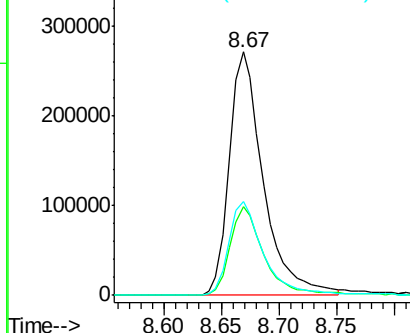
#23
 Nitrobenzene-d5
 Concen: 77.983 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM020045.D
 Acq: 23 Apr 2019 20:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	82	Resp	555941
Ion Ratio	100	Lower	Upper
128	36.6	29.0	43.4
54	38.5	30.2	45.4

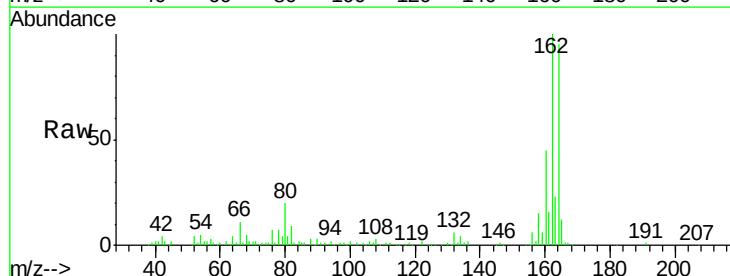


Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

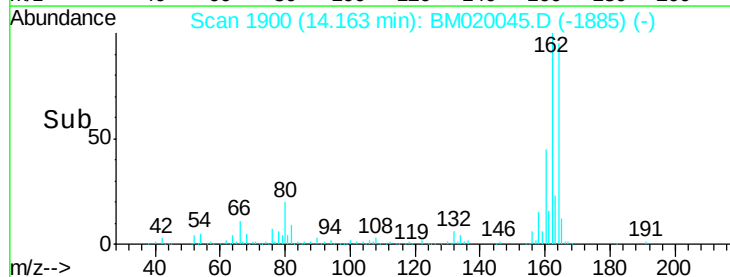
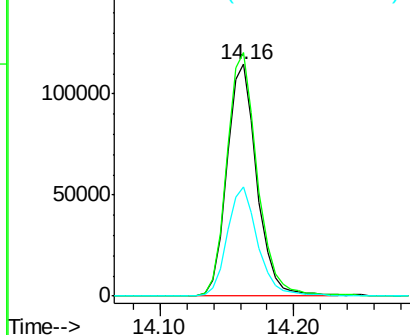


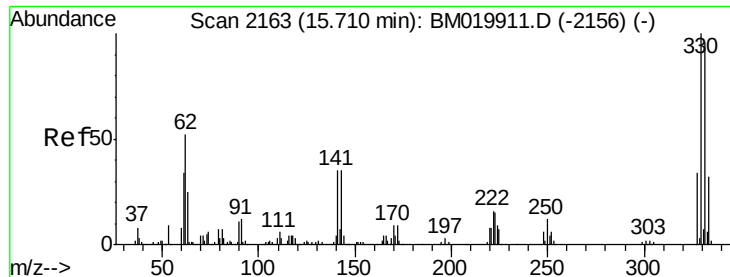
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020045.D
 Acq: 23 Apr 2019 20:19

Tgt Ion	164	Resp	179844
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.0	83.0	124.4
160	47.3	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)





#42

2,4,6-Tribromophenol

Concen: 114.281 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM020045.D

Acq: 23 Apr 2019 20:19

Instrument :

BNA_M

ClientSampled :

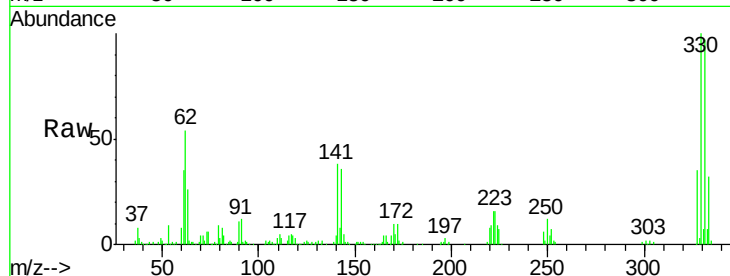
Tot Ion:330 Resp: 330842

Ion Ratio Lower Upper

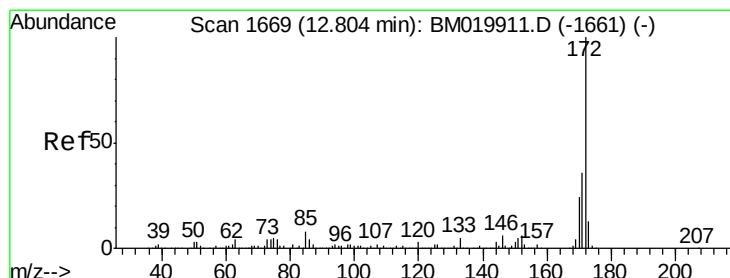
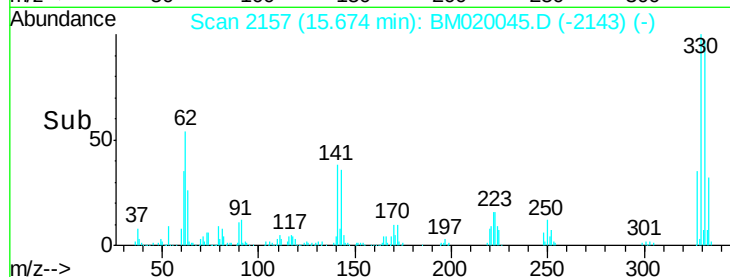
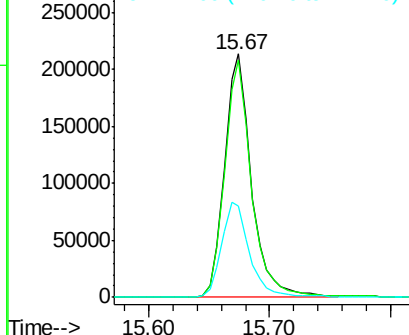
330 100

332 96.8 77.4 116.2

141 40.5 29.0 43.4



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: 79.848 ng

RT: 12.76 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BM020045.D

Acq: 23 Apr 2019 20:19

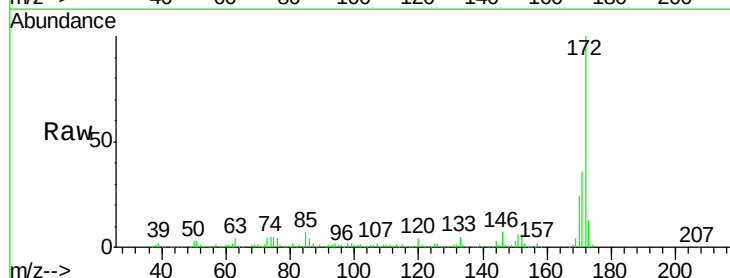
Tgt Ion:172 Resp: 1152294

Ion Ratio Lower Upper

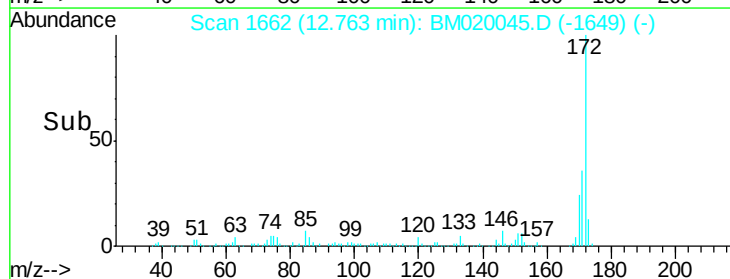
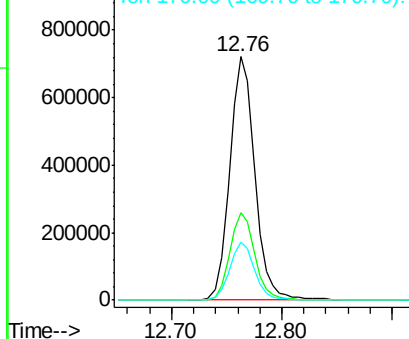
172 100

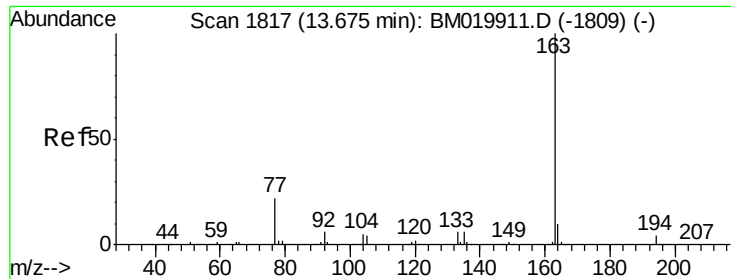
171 35.8 28.9 43.3

170 24.0 19.0 28.4



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: 4.663 ng

RT: 13.64 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BM020045.D

Acq: 23 Apr 2019 20:19

Instrument :

BNA_M

ClientSampled :

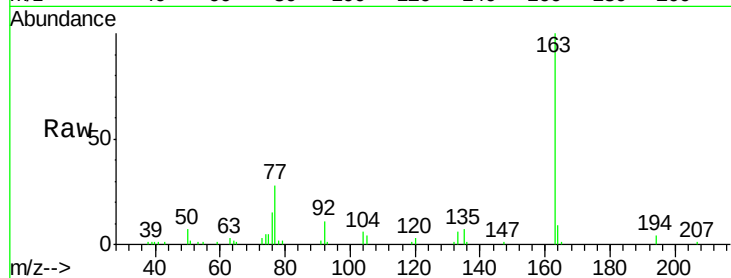
Tot Ion:163 Resp: 73965

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

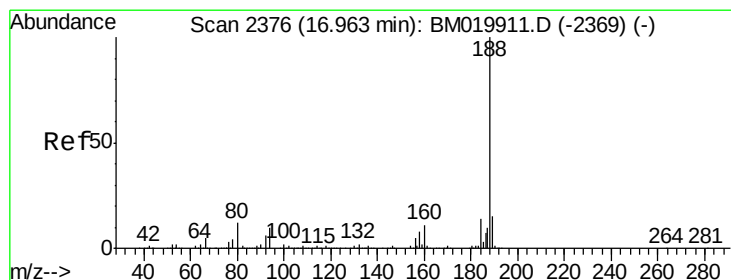
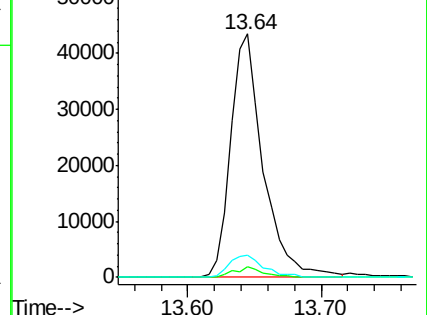
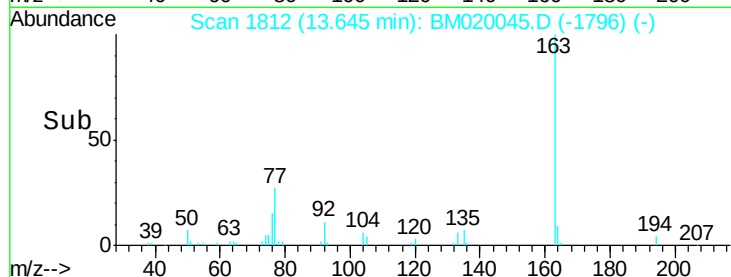
164 9.3 7.9 11.9



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: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM020045.D

Acq: 23 Apr 2019 20:19

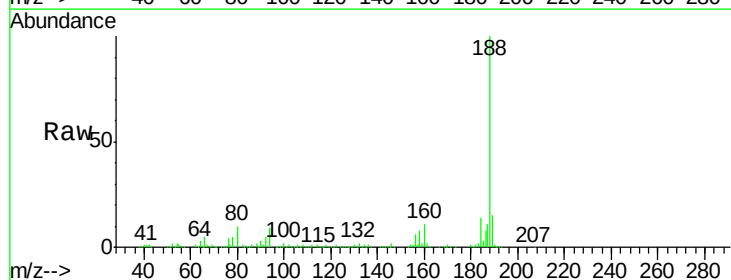
Tgt Ion:188 Resp: 403636

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

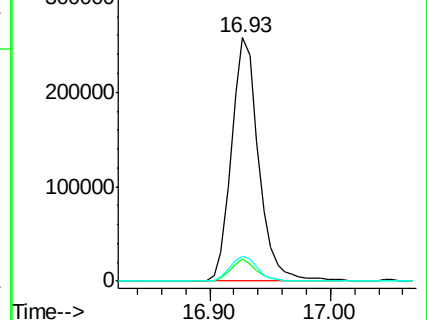
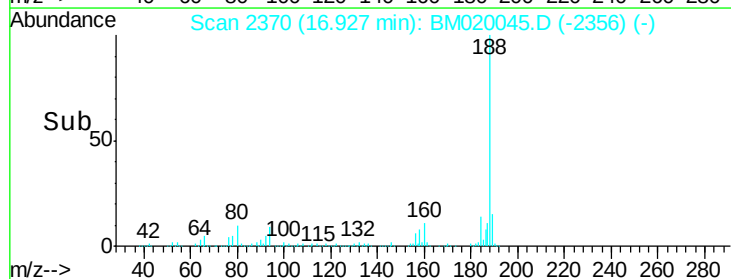
80 10.1 9.4 14.0

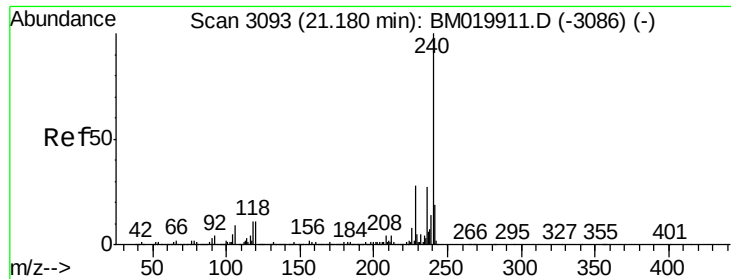


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

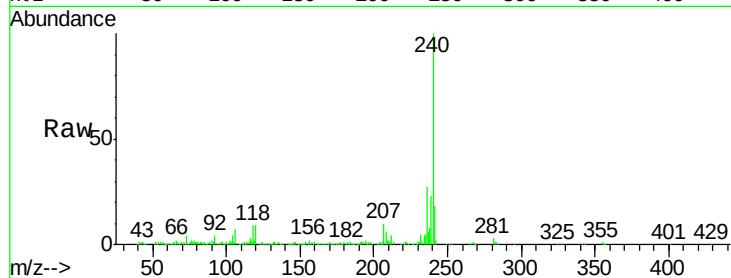




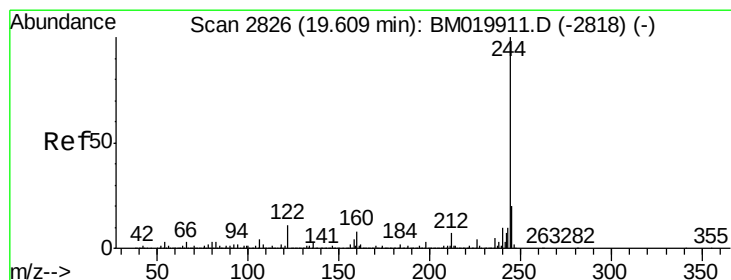
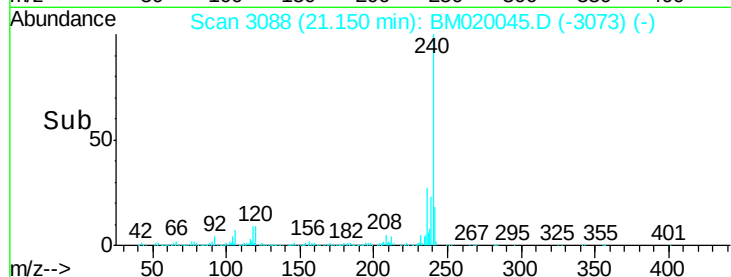
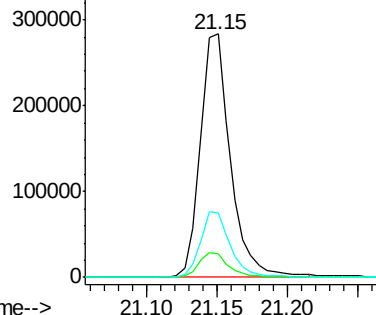
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020045.D
Acq: 23 Apr 2019 20:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 421784
Ion Ratio Lower Upper
240 100
120 9.5 8.6 13.0
236 26.6 21.4 32.2

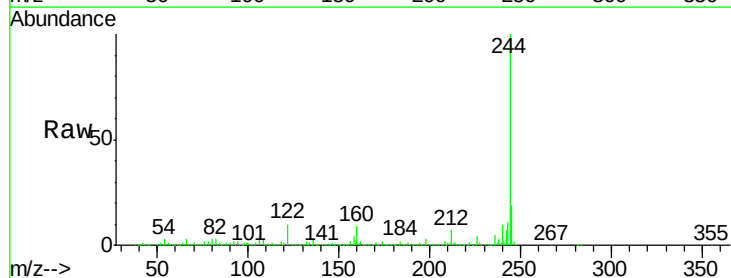


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

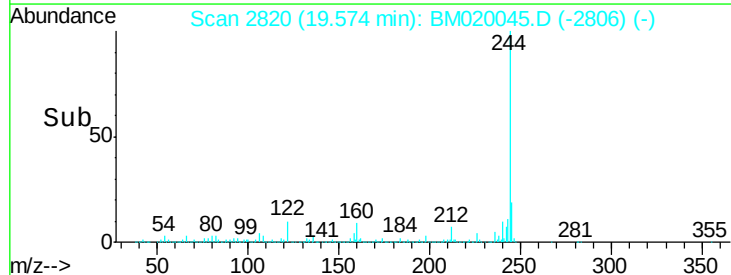
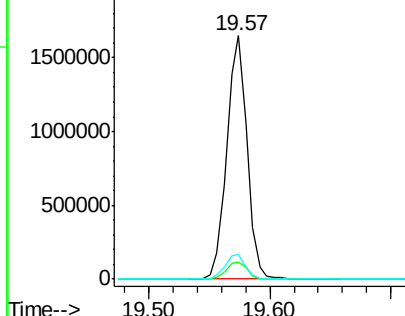


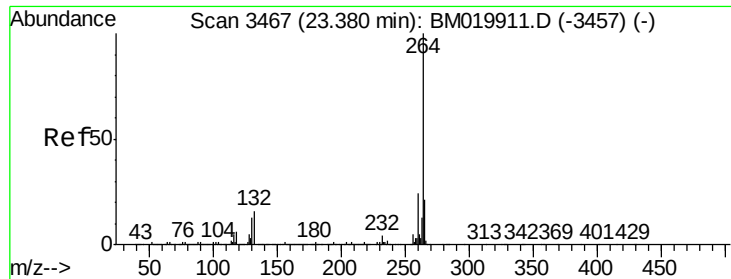
#79
Terphenyl-d14
Concen: 80.301 ng
RT: 19.57 min Scan# 2820
Delta R.T. -0.02 min
Lab File: BM020045.D
Acq: 23 Apr 2019 20:19

Tgt Ion:244 Resp: 1920235
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 9.1 13.7



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

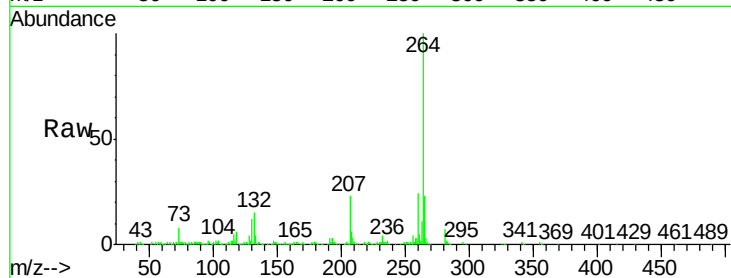




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BM020045.D
Acq: 23 Apr 2019 20:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.9	17.2	25.8



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

