

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020048.D
 Acq On : 23 Apr 2019 22:08
 Operator : JU/SJ
 Sample : K2487-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:58:23 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

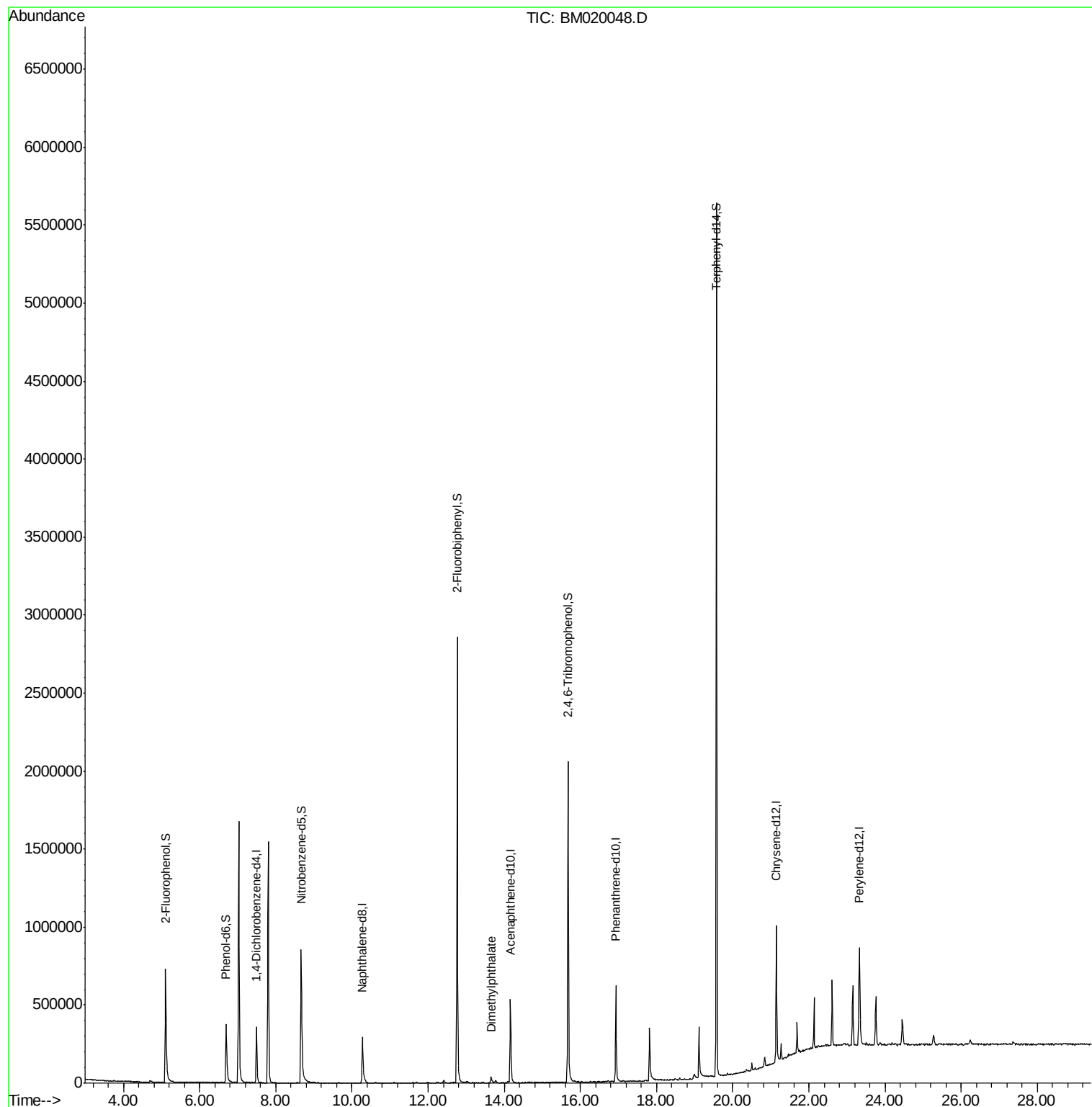
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	93859	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	319838	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	184881	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	404302	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	412623	20.00	ng	-0.02
87) Perylene-d12	23.32	264	504425	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	356182	61.50	ng	-0.02
7) Phenol-d6	6.69	99	278421	31.94	ng	-0.02
23) Nitrobenzene-d5	8.67	82	687154	96.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	413650	138.99	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1460231	98.43	ng	-0.02
79) Terphenyl-d14	19.57	244	2382541	101.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.70	77	510	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.66	163	34508	2.116 ng		99

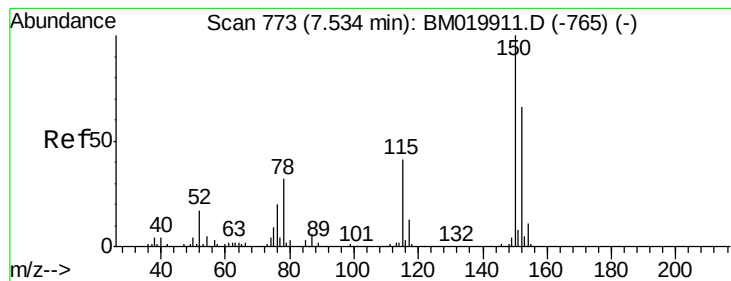
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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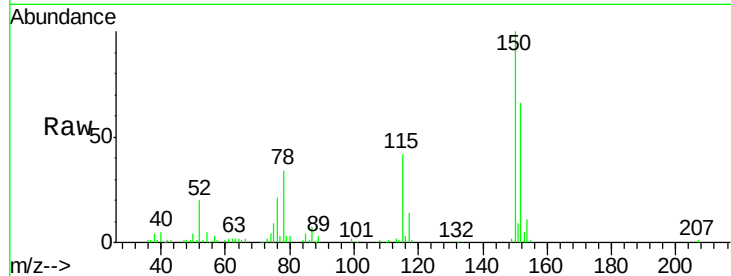


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020048.D
Acq: 23 Apr 2019 22:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	93859
Ion	Ratio	Lower	Upper
152	100		
150	152.2	122.1	183.1
115	64.0	50.0	75.0

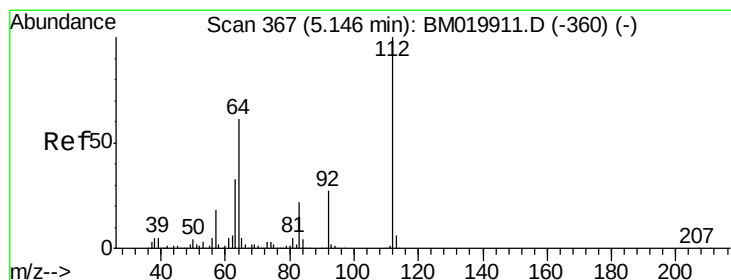
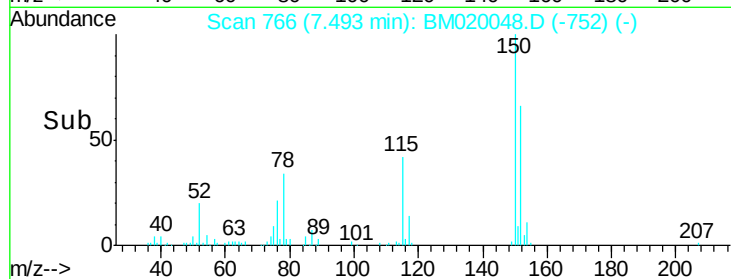
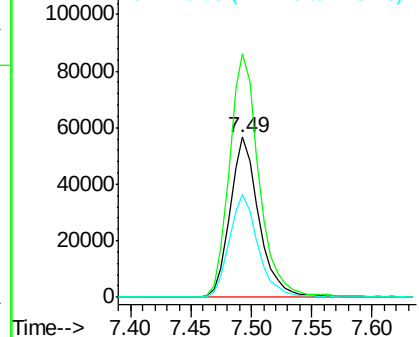


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

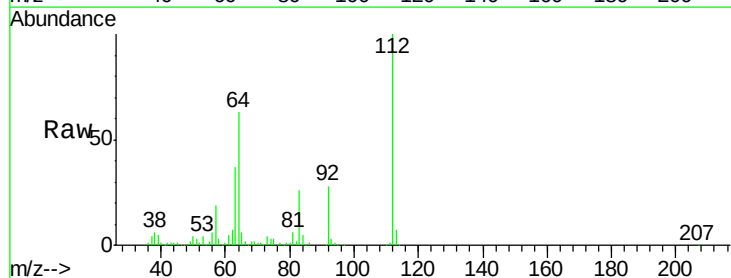
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.501 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020048.D
Acq: 23 Apr 2019 22:08

Tgt Ion	112	Resp	356182
Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.1	73.7
63	36.7	26.5	39.7

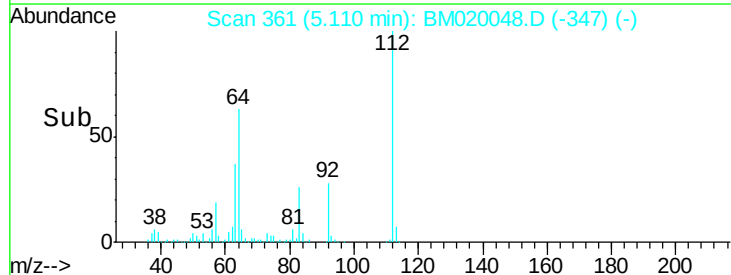
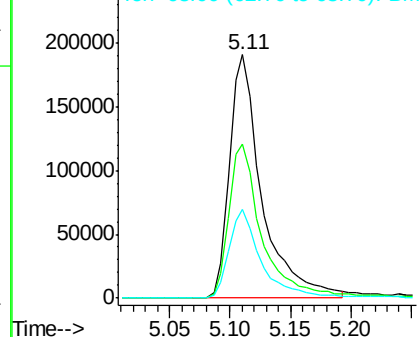


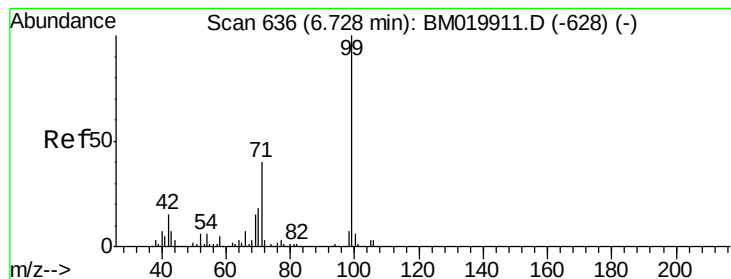
Abundance

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: 31.944 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020048.D

Acq: 23 Apr 2019 22:08

Instrument :

BNA_M

ClientSampleId :

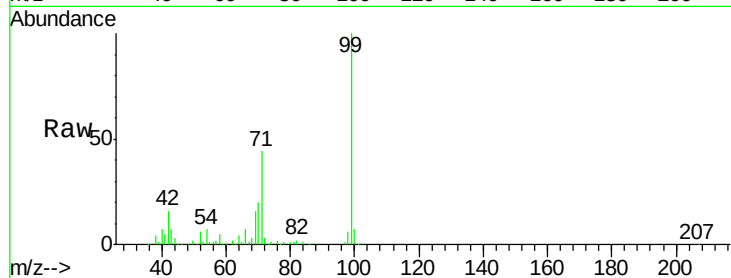
Tot Ion: 99 Resp: 278421

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

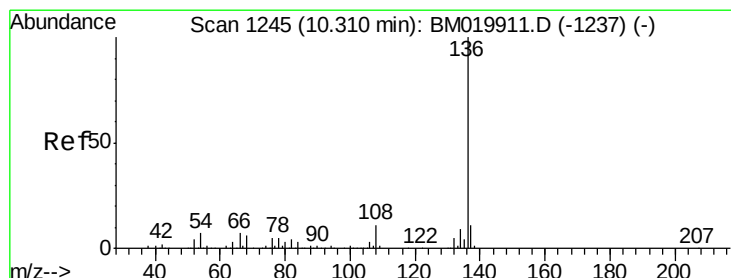
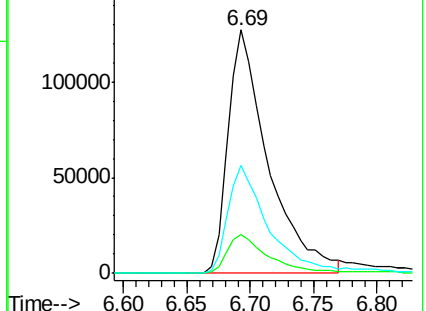
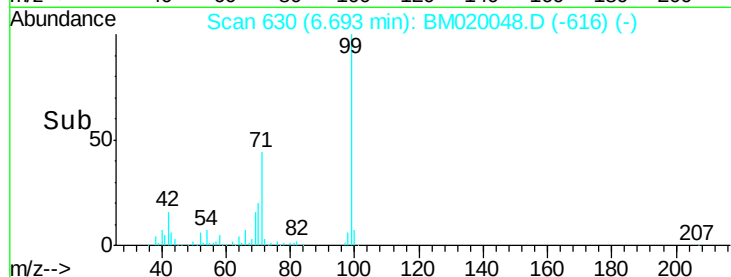
71 44.3 32.0 48.0



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: BM020048.D

Acq: 23 Apr 2019 22:08

Tgt Ion: 136 Resp: 319838

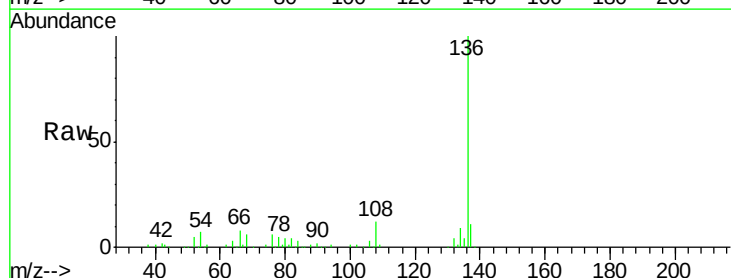
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.7 5.3 7.9

68 5.7 5.2 7.8

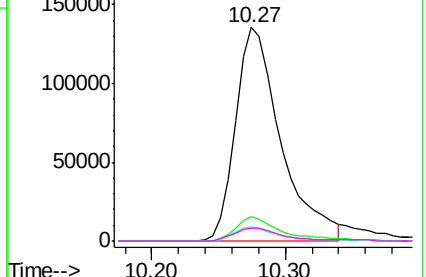
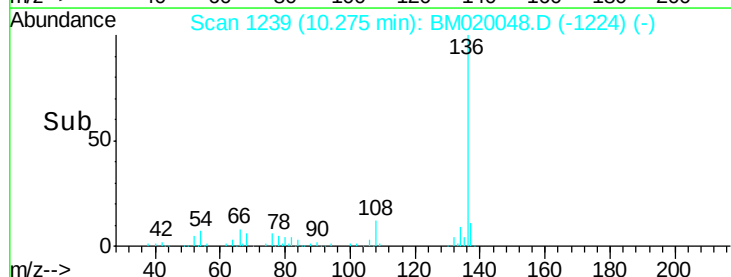


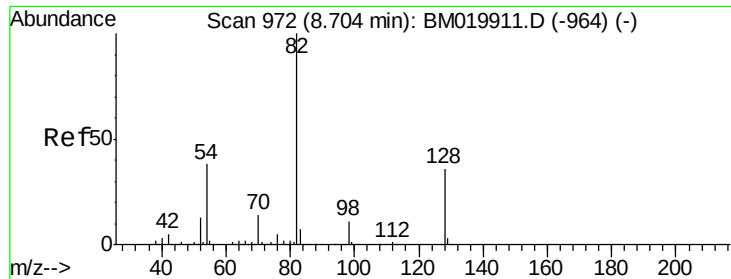
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

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) (-)

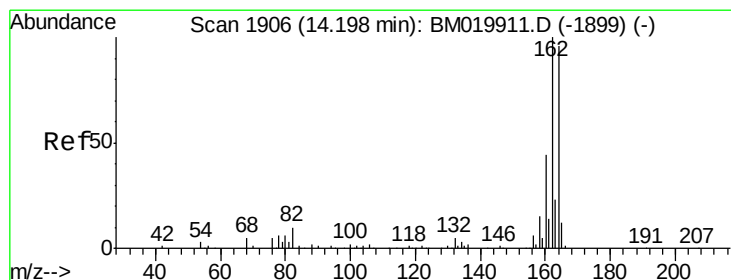
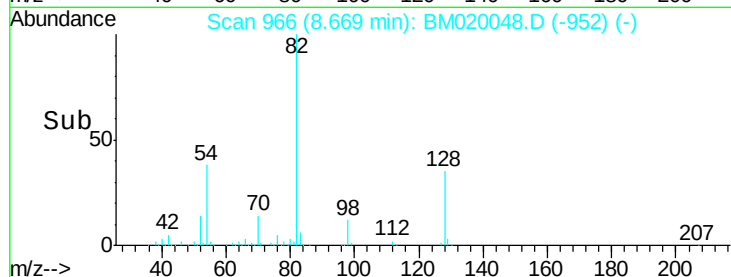
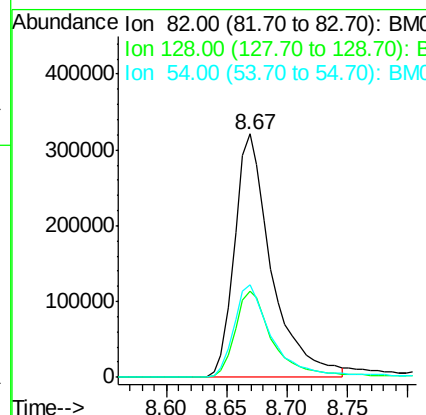
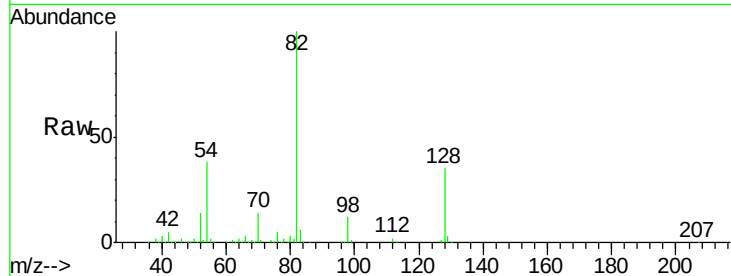




#23
Nitrobenzene-d5
Concen: 96.081 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM020048.D
Acq: 23 Apr 2019 22:08

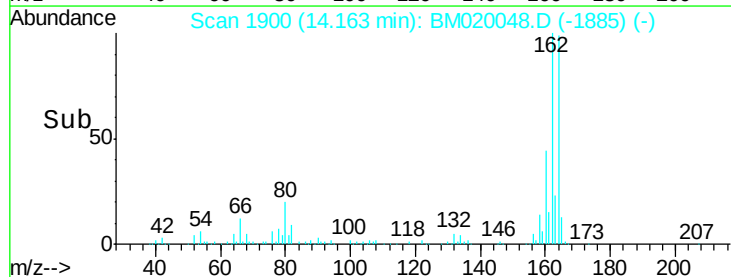
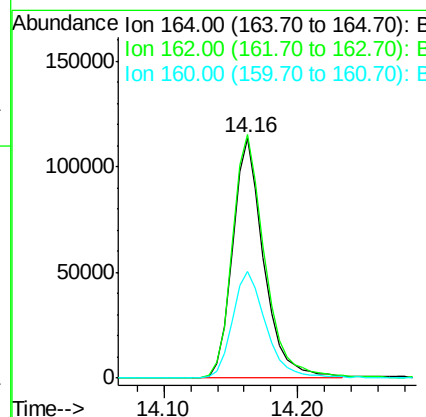
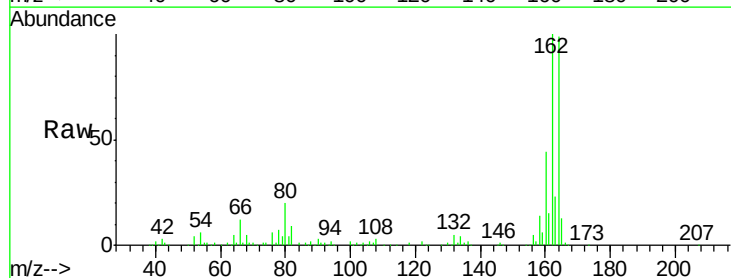
Instrument :
BNA_M
ClientSampleId :

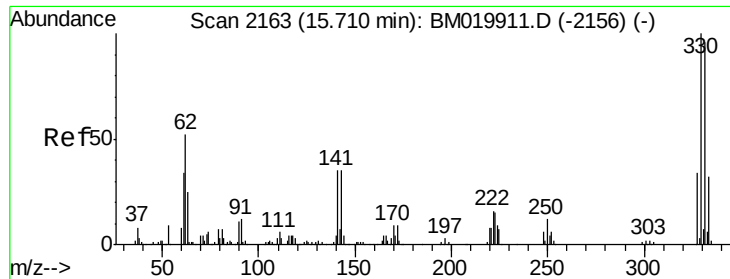
Tot Ion	82	Resp	687154
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.0	43.4
54	38.1	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM020048.D
Acq: 23 Apr 2019 22:08

Tgt Ion	164	Resp	184881
Ion Ratio	Lower	Upper	
164	100		
162	101.5	83.0	124.4
160	44.4	36.6	55.0

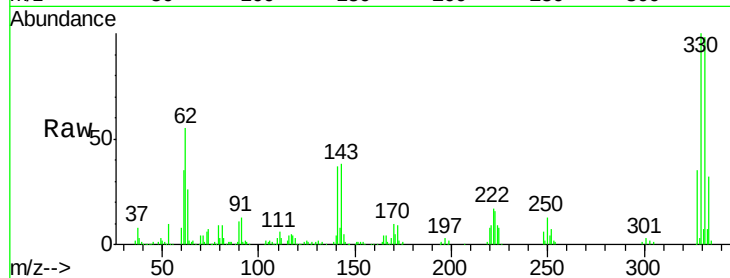




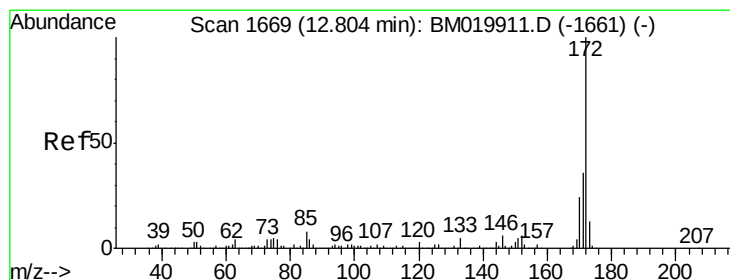
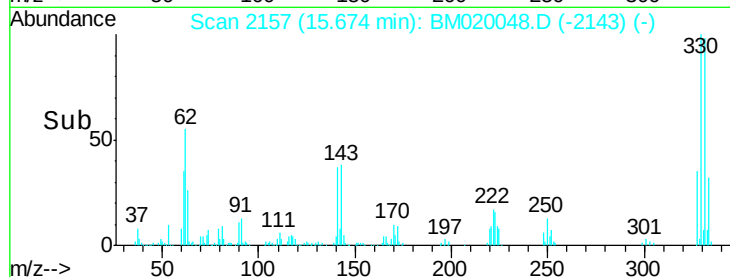
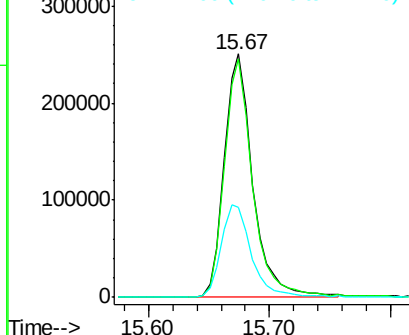
#42
 2,4,6-Tribromophenol
 Concen: 138.992 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM020048.D
 Acq: 23 Apr 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 413650
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 40.0 29.0 43.4

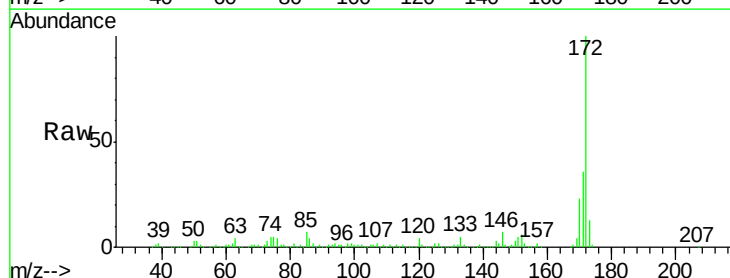


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

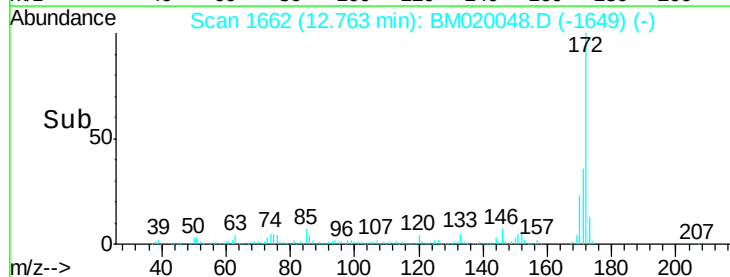
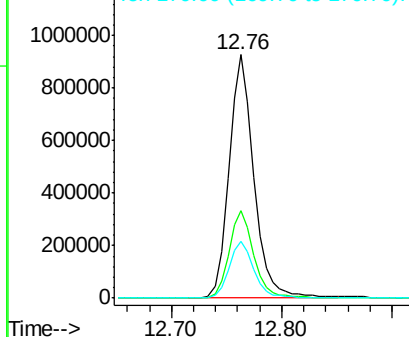


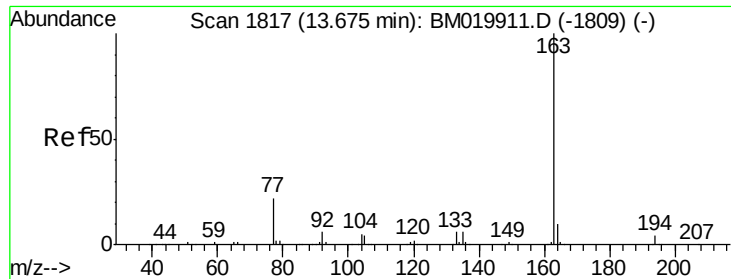
#45
 2-Fluorobiphenyl
 Concen: 98.430 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020048.D
 Acq: 23 Apr 2019 22:08

Tgt Ion:172 Resp: 1460231
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.4 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: 2.116 ng

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM020048.D

Acq: 23 Apr 2019 22:08

Instrument :

BNA_M

ClientSampleId :

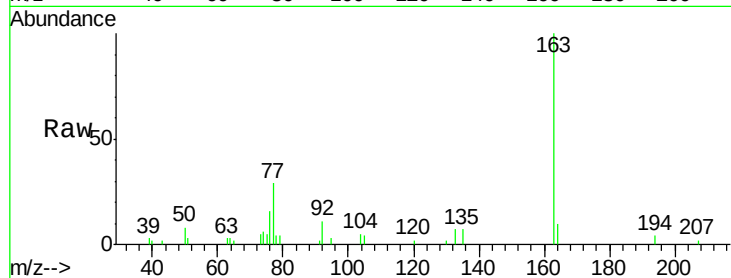
Tot Ion:163 Resp: 34508

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

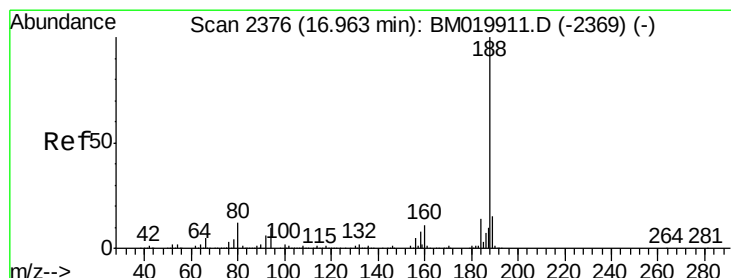
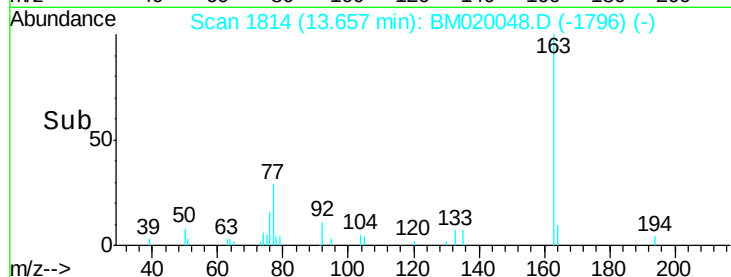
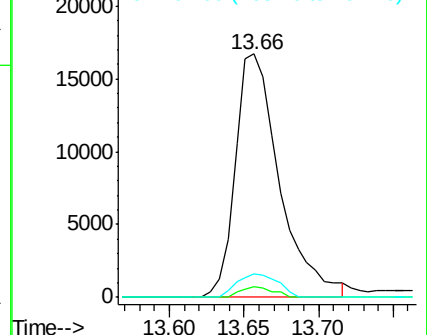
164 9.6 7.9 11.9



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: BM020048.D

Acq: 23 Apr 2019 22:08

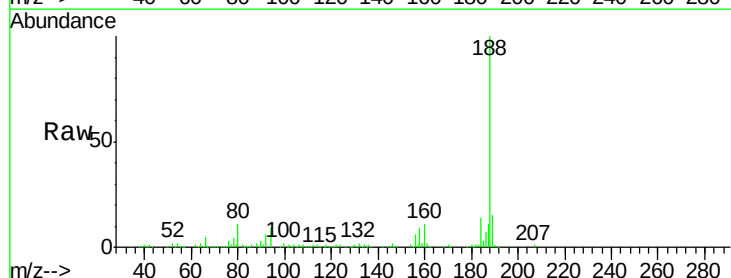
Tgt Ion:188 Resp: 404302

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

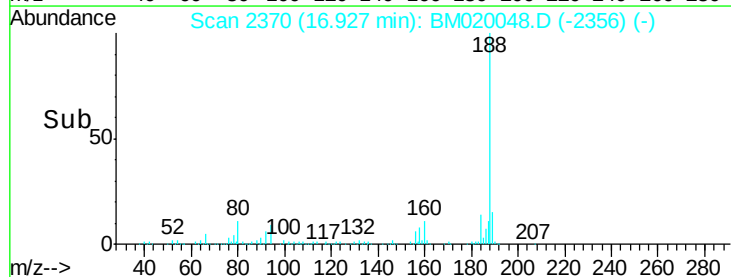
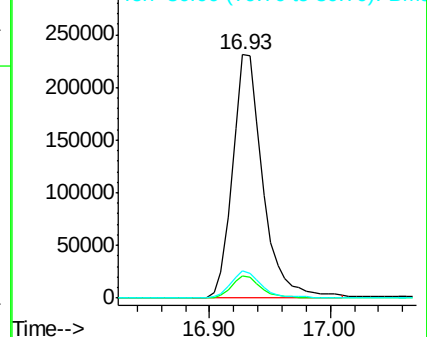
80 11.4 9.4 14.0

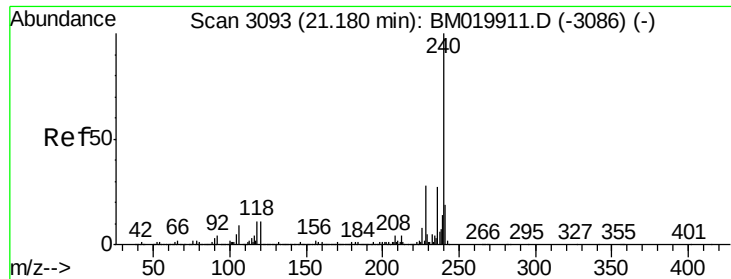


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020048.D

Acq: 23 Apr 2019 22:08

Instrument :

BNA_M

ClientSampleId :

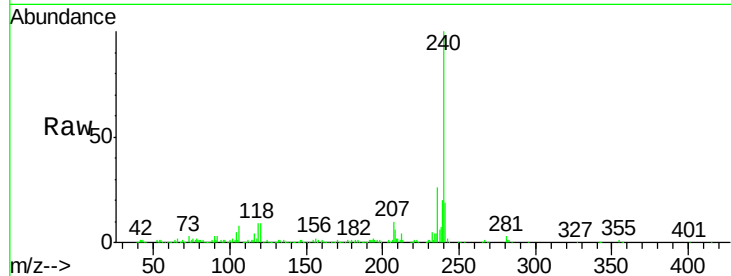
Tot Ion:240 Resp: 412623

Ion Ratio Lower Upper

240 100

120 9.3 8.6 13.0

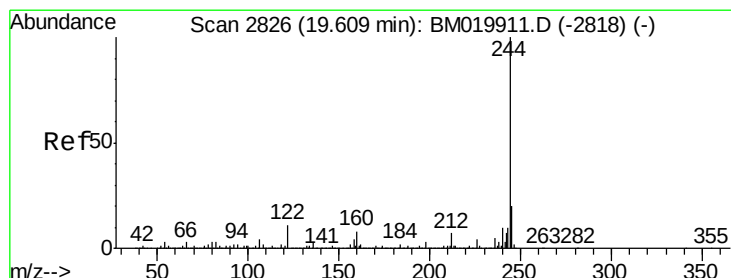
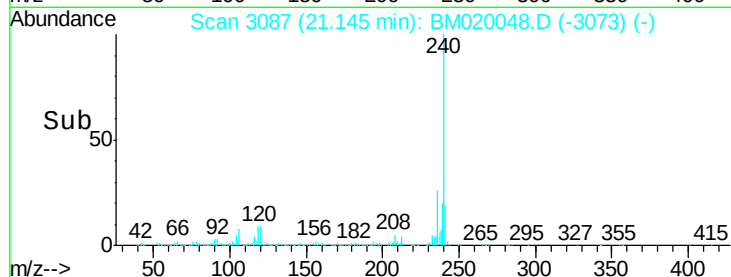
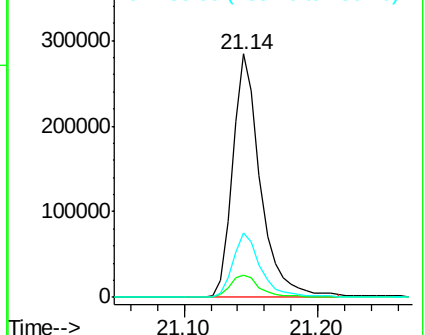
236 26.2 21.4 32.2



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: 101.846 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020048.D

Acq: 23 Apr 2019 22:08

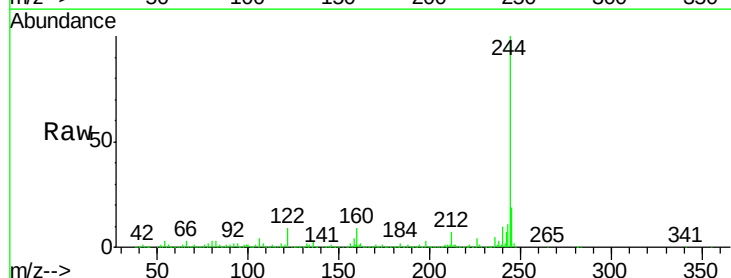
Tgt Ion:244 Resp: 2382541

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

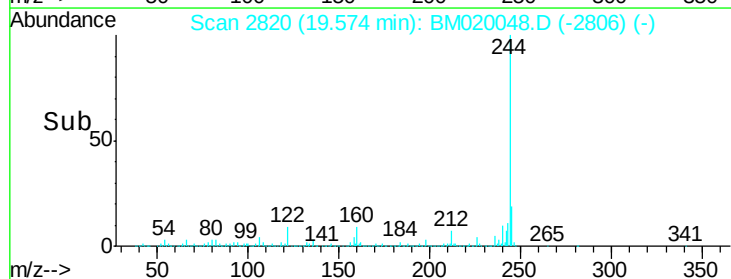
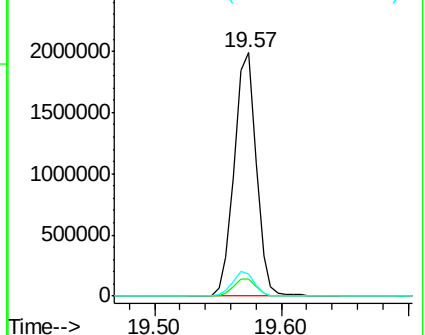
122 9.3 9.1 13.7

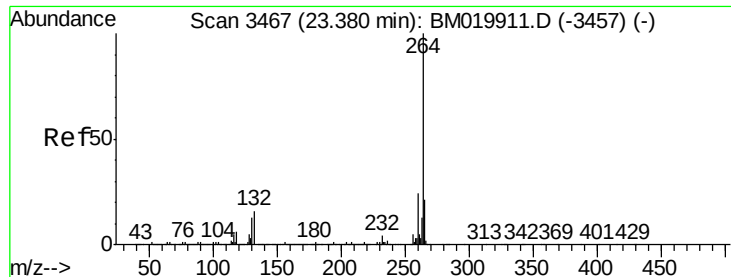


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

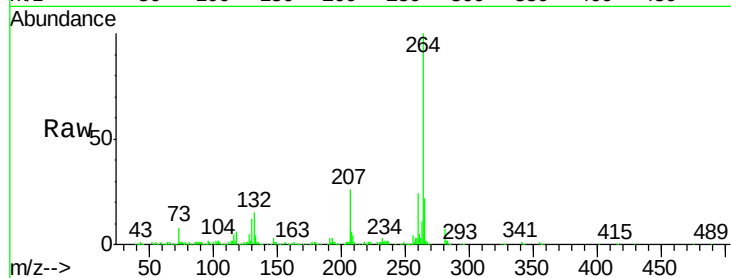




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3457
Delta R.T. -0.03 min
Lab File: BM020048.D
Acq: 23 Apr 2019 22:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	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

