

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019035.D
 Acq On : 05 Mar 2019 07:05
 Operator : JU/SJ
 Sample : K1715-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-B-S

Quant Time: Mar 05 07:50:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	226891	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	897570	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	535741	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1247488	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1116821	20.00	ng	0.00
87) Perylene-d12	23.53	264	1000428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1978529	142.88	ng	0.00
7) Phenol-d6	6.86	99	2531284	129.76	ng	0.00
23) Nitrobenzene-d5	8.85	82	1951658	100.54	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1264775	163.78	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3862163	95.70	ng	0.00
79) Terphenyl-d14	19.72	244	6974647	128.83	ng	0.00

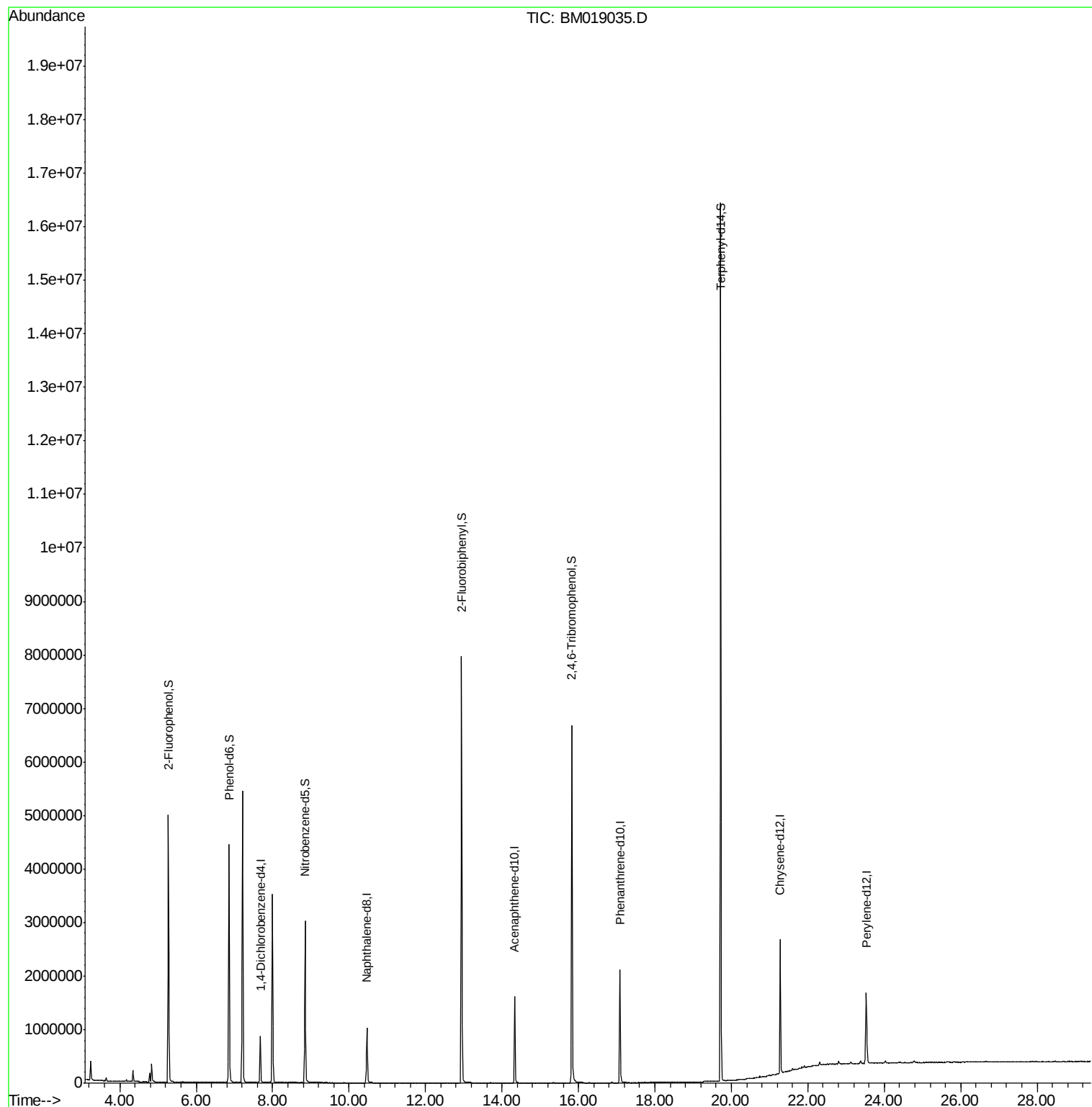
Target Compounds Qvalue

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

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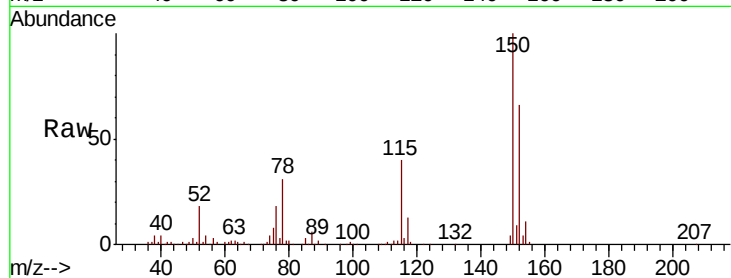


#1

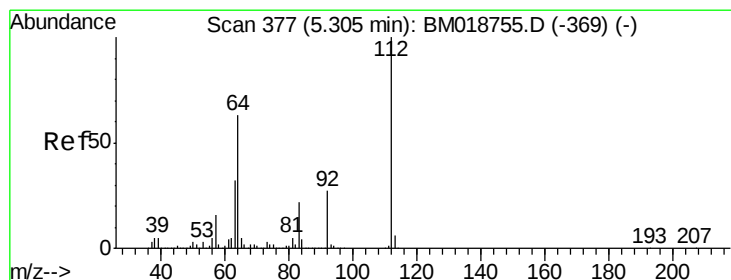
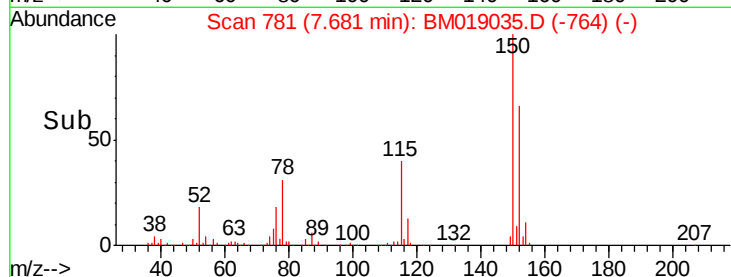
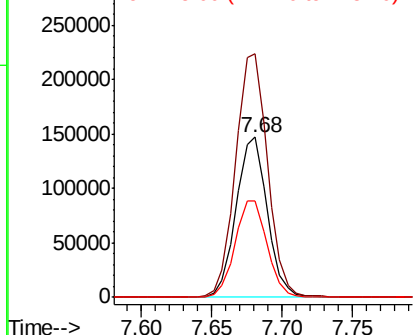
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019035.D
Acq: 05 Mar 2019 07:05

Instrument :
BNA_M
ClientSampleId :
TP-4-B-S

Tot Ion:152 Resp: 226891
Ion Ratio Lower Upper
152 100
150 152.2 127.3 190.9
115 60.4 50.8 76.2



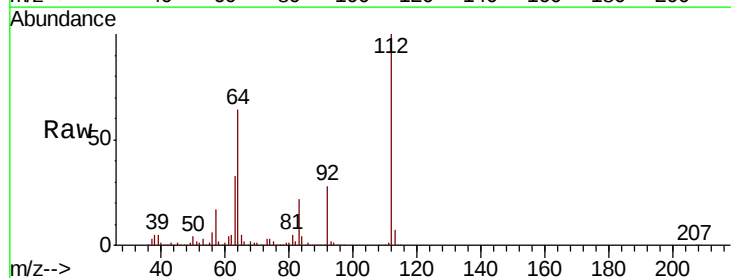
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



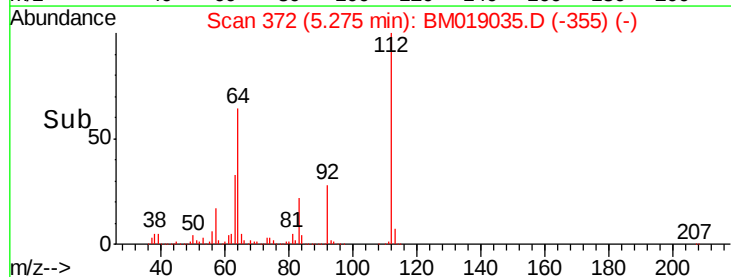
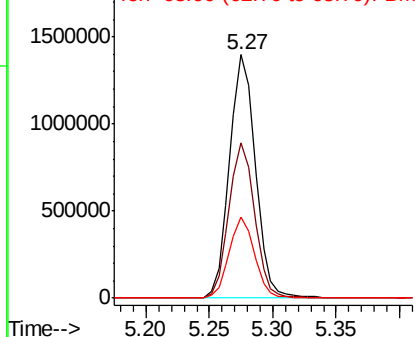
#5

2-Fluorophenol
Concen: 142.878 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019035.D
Acq: 05 Mar 2019 07:05

Tgt Ion:112 Resp: 1978529
Ion Ratio Lower Upper
112 100
64 63.9 50.6 75.8
63 33.1 25.7 38.5



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: 129.756 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019035.D

Acq: 05 Mar 2019 07:05

Instrument :

BNA_M

ClientSampleId :

TP-4-B-S

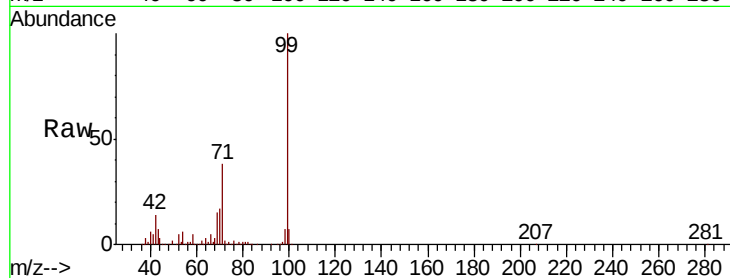
Tot Ion: 99 Resp: 2531284

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.1 31.3 46.9

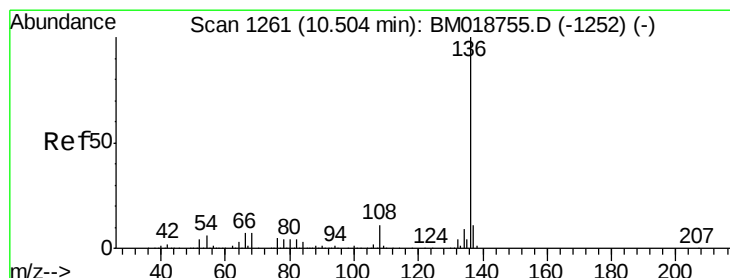
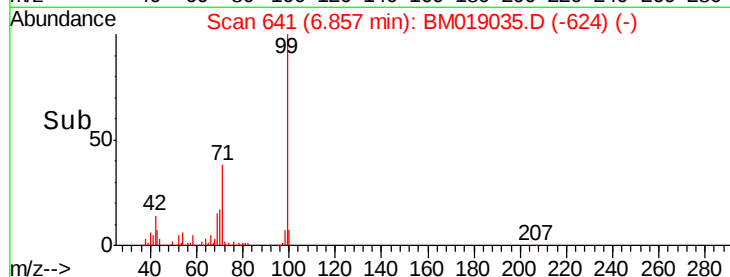
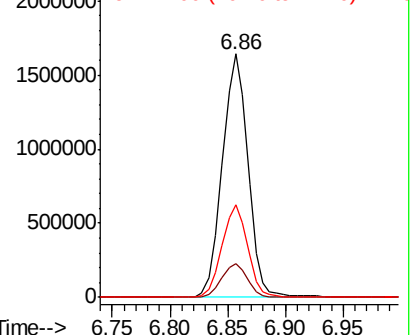


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019035.D

Acq: 05 Mar 2019 07:05

Tgt Ion: 136 Resp: 897570

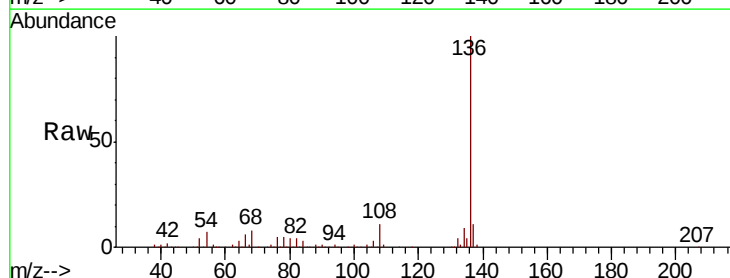
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 6.9 5.0 7.6

68 7.6 5.5 8.3



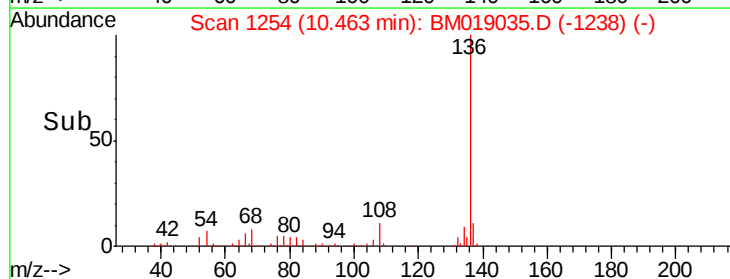
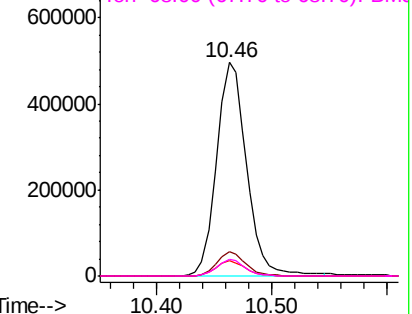
Abundance

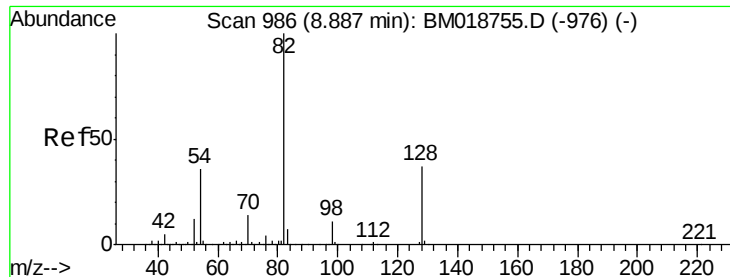
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

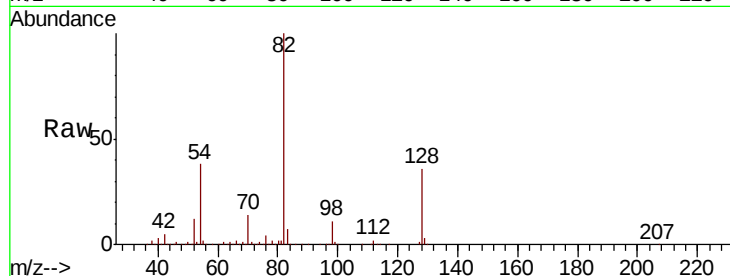




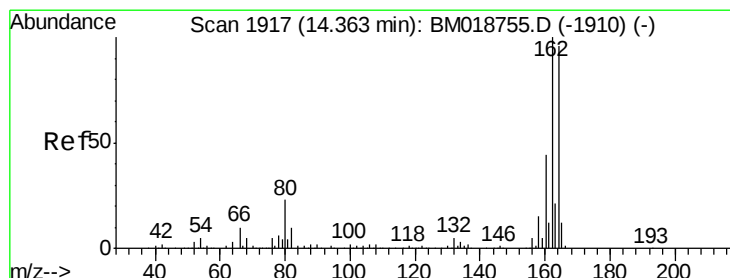
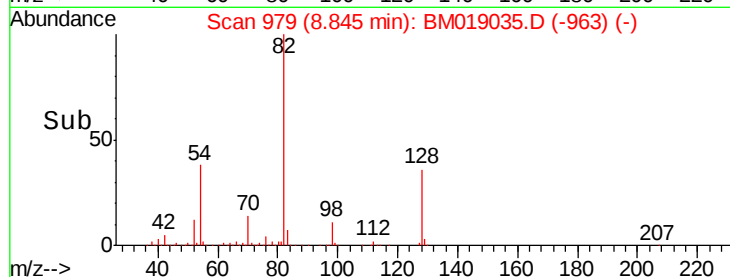
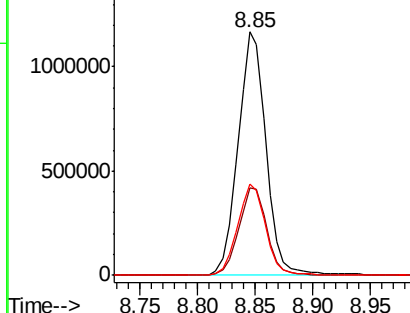
#23
 Nitrobenzene-d5
 Concen: 100.540 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019035.D
 Acq: 05 Mar 2019 07:05

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-B-S

Tot Ion: 82 Resp: 1951658
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.9 44.9
 54 37.5 29.1 43.7

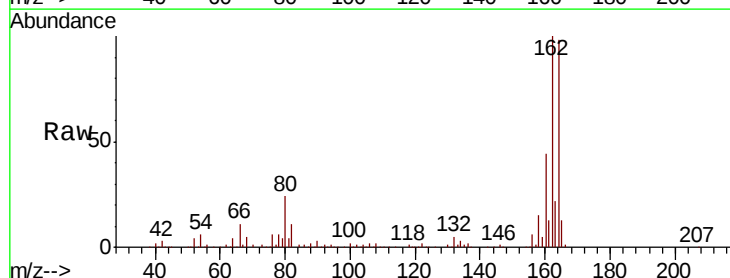


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

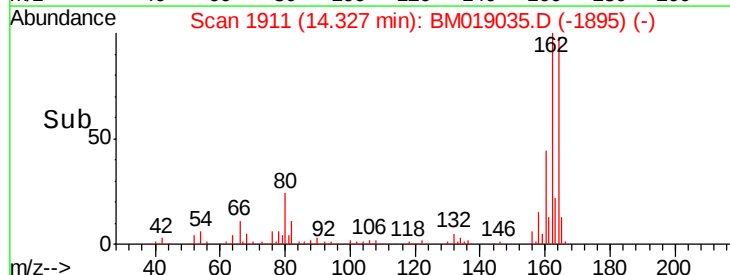
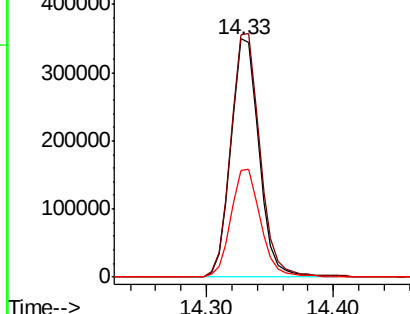


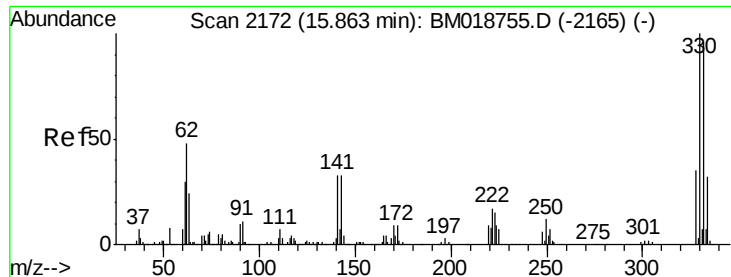
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM019035.D
 Acq: 05 Mar 2019 07:05

Tgt Ion:164 Resp: 535741
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.4 125.0
 160 44.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
 Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
 Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

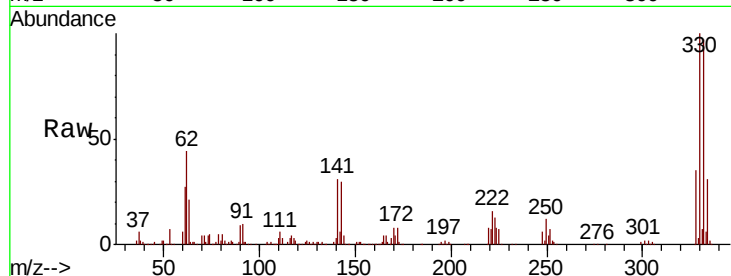




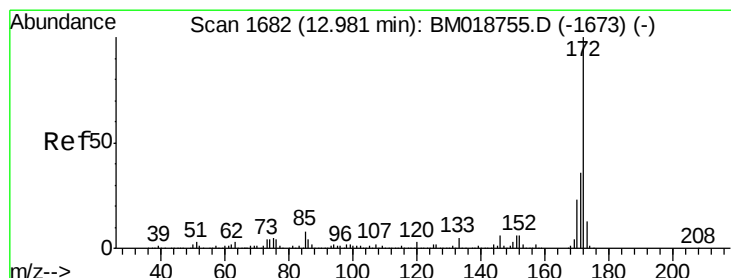
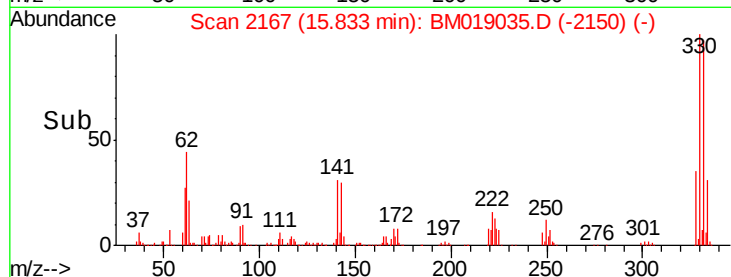
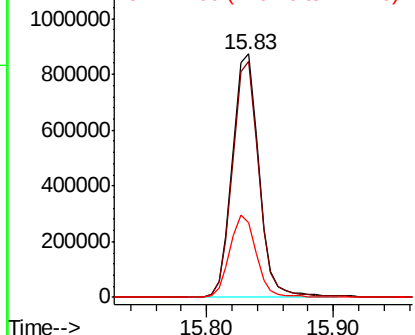
#42
 2,4,6-Tribromophenol
 Concen: 163.777 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BM019035.D
 Acq: 05 Mar 2019 07:05

Instrument :
 BNA_M
 ClientSampleID :
 TP-4-B-S

Tot Ion:330 Resp: 1264775
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 34.0 28.7 43.1

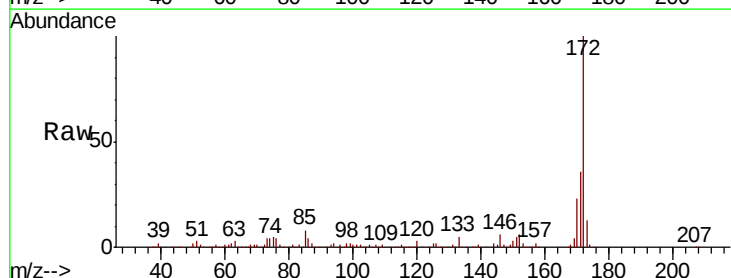


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

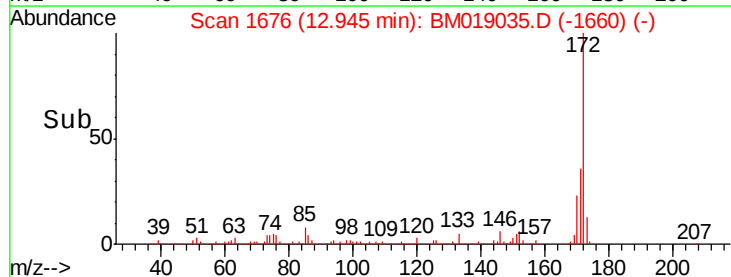
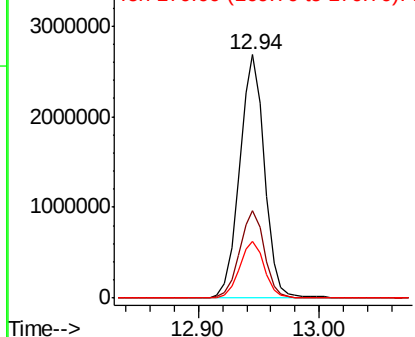


#45
 2-Fluorobiphenyl
 Concen: 95.698 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019035.D
 Acq: 05 Mar 2019 07:05

Tgt Ion:172 Resp: 3862163
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.2 18.6 28.0



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

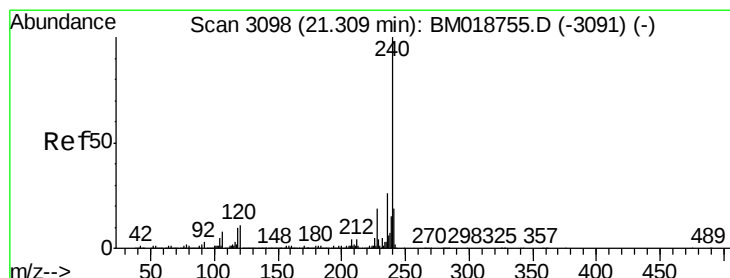
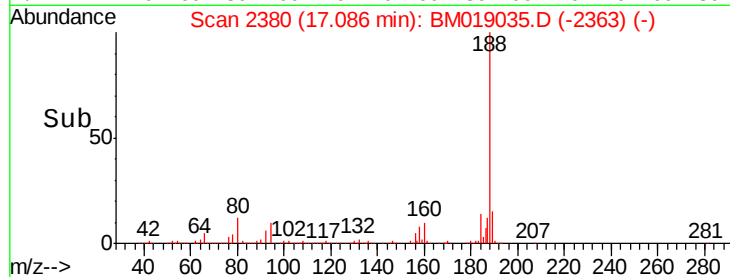
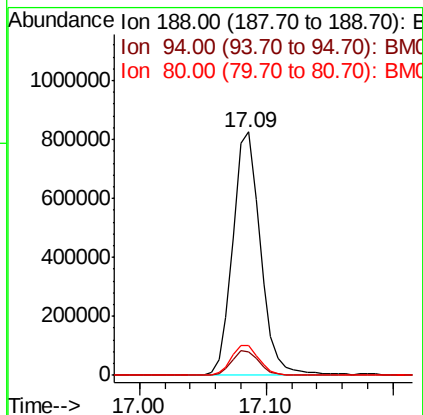
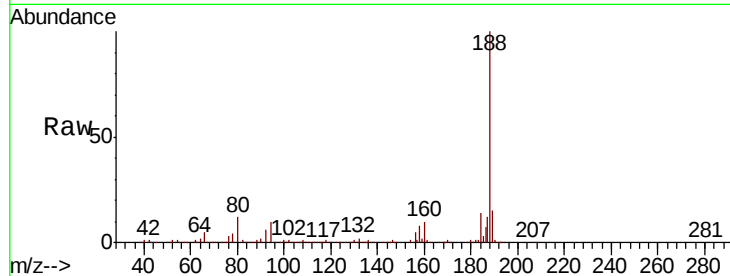




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019035.D
Acq: 05 Mar 2019 07:05

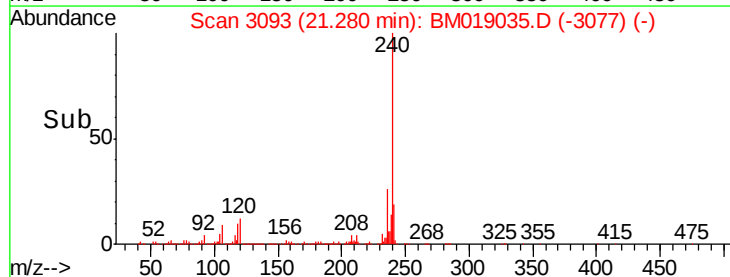
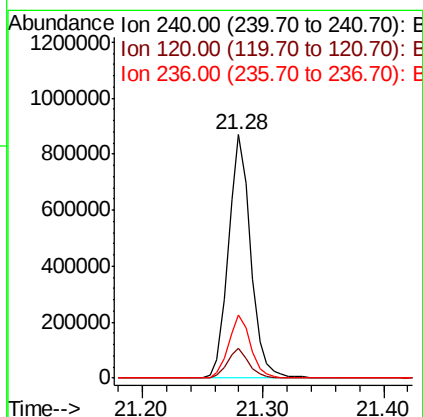
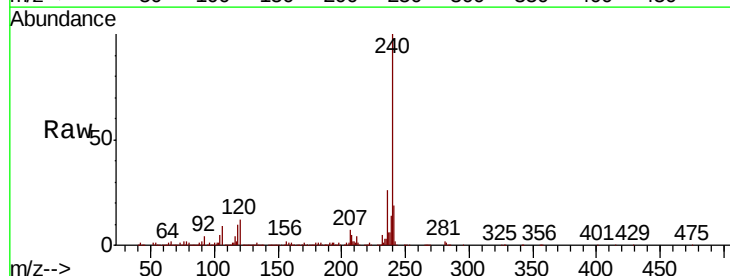
Instrument :
BNA_M
ClientSampled :
TP-4-B-S

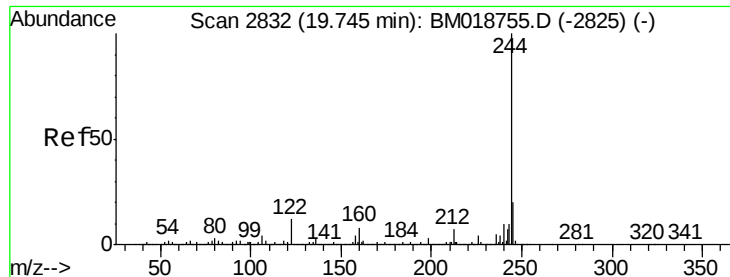
Tot Ion:188 Resp: 1247488
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019035.D
Acq: 05 Mar 2019 07:05

Tgt Ion:240 Resp: 1116821
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.0 20.9 31.3

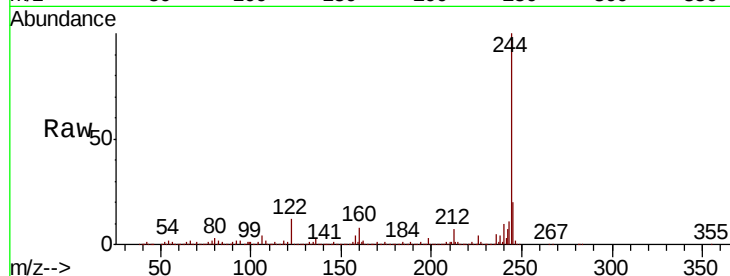




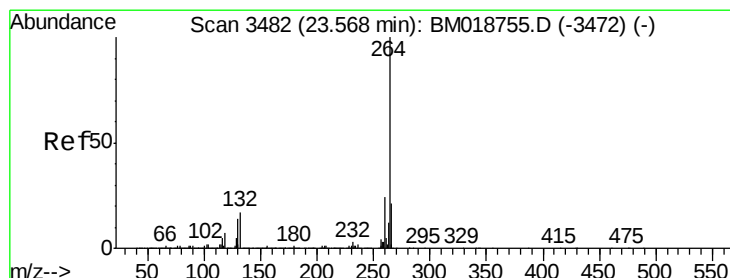
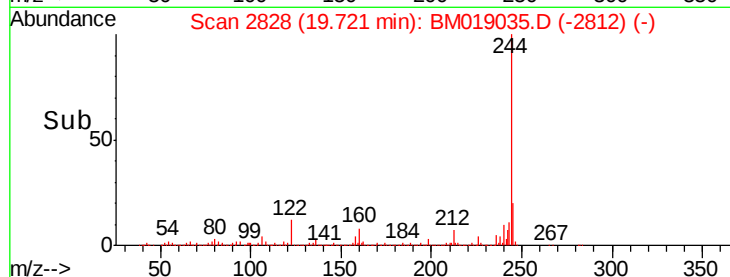
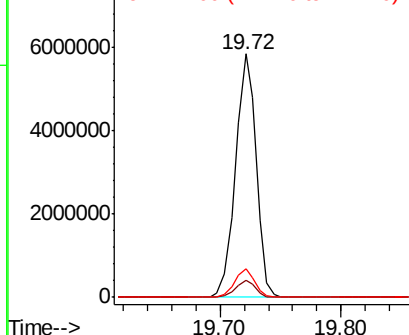
#79
 Terphenyl-d14
 Concen: 128.830 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019035.D
 Acq: 05 Mar 2019 07:05

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-B-S

Tot Ion:244 Resp: 6974647
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.7 9.3 13.9

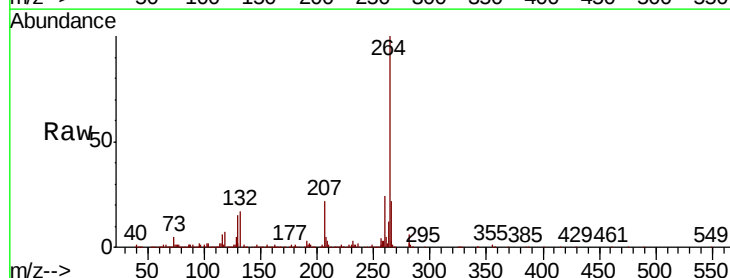


Abundance Ion 244.00 (243.70 to 244.70): E
 8000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.01 min
 Lab File: BM019035.D
 Acq: 05 Mar 2019 07:05

Tgt Ion:264 Resp: 1000428
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 600000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

