

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019034.D
 Acq On : 05 Mar 2019 06:29
 Operator : JU/SJ
 Sample : K1715-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 07:07:55 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

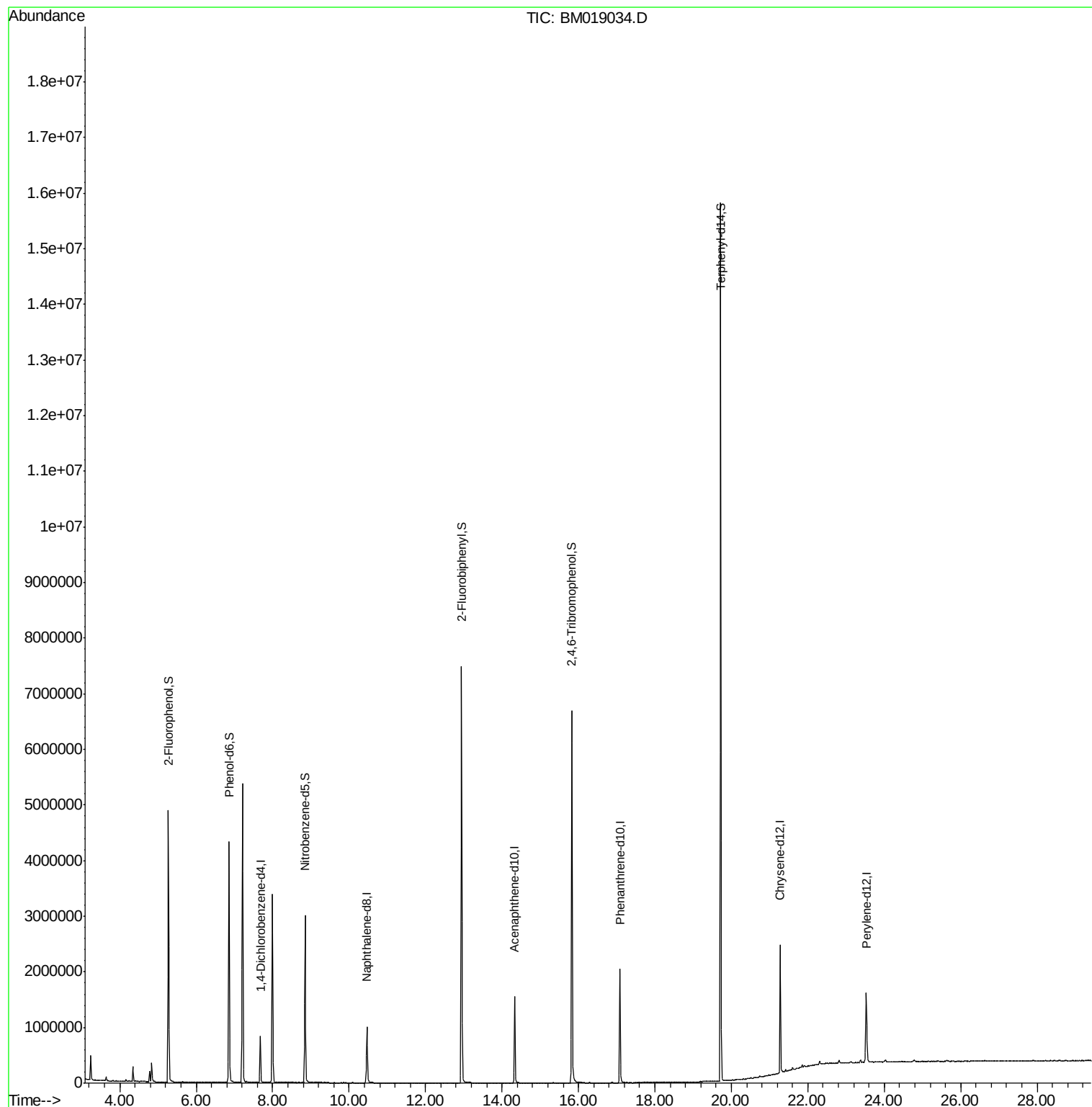
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	219808	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	875952	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	521001	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1198682	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1034301	20.00	ng	0.00
87) Perylene-d12	23.53	264	958135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1940211	144.63	ng	0.00
7) Phenol-d6	6.86	99	2440537	129.14	ng	0.00
23) Nitrobenzene-d5	8.85	82	1937176	102.26	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1249376	166.36	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3741531	95.33	ng	0.00
79) Terphenyl-d14	19.72	244	6688401	133.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.85	77	5695	Below Cal	Qvalue #	13

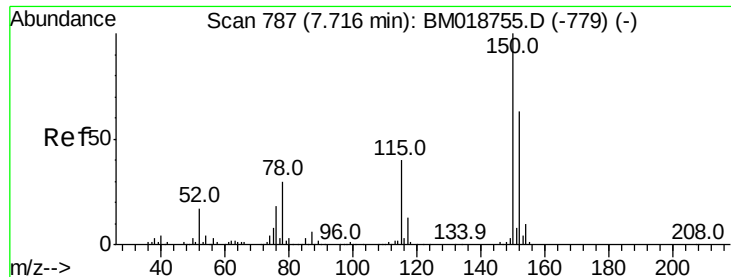
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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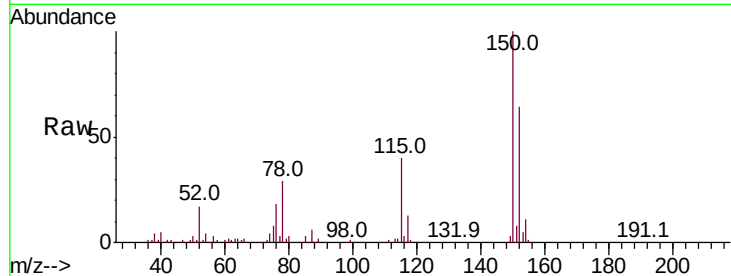


#1

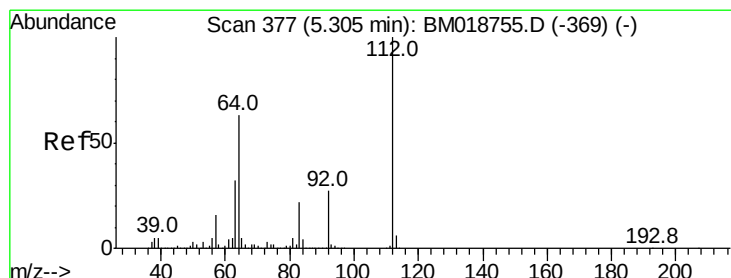
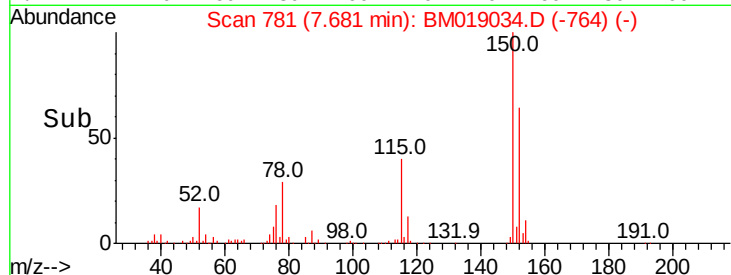
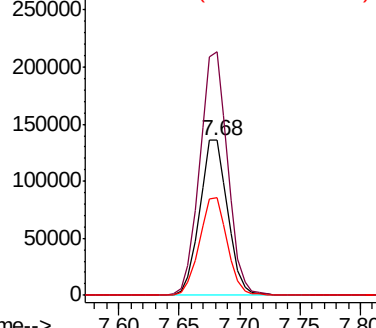
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BM019034.D
Acq: 05 Mar 2019 06:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 219808
Ion Ratio Lower Upper
152 100
150 157.0 127.3 190.9
115 63.0 50.8 76.2



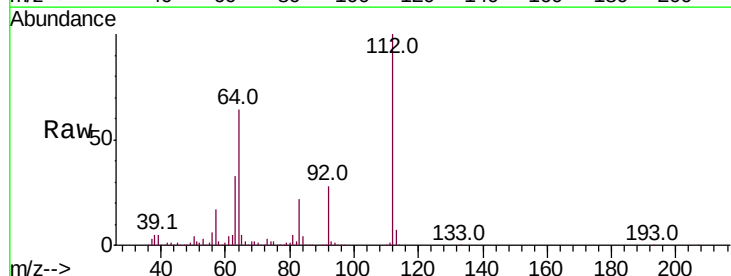
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



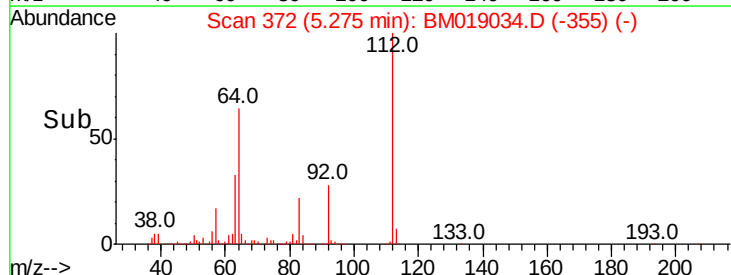
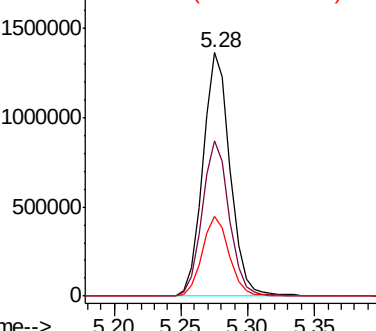
#5

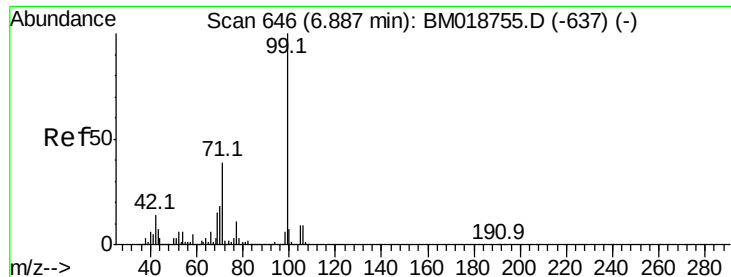
2-Fluorophenol
Concen: 144.626 ng
RT: 5.28 min Scan# 372
Delta R.T. 0.00 min
Lab File: BM019034.D
Acq: 05 Mar 2019 06:29

Tgt Ion:112 Resp: 1940211
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 32.7 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: 129.136 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019034.D

Acq: 05 Mar 2019 06:29

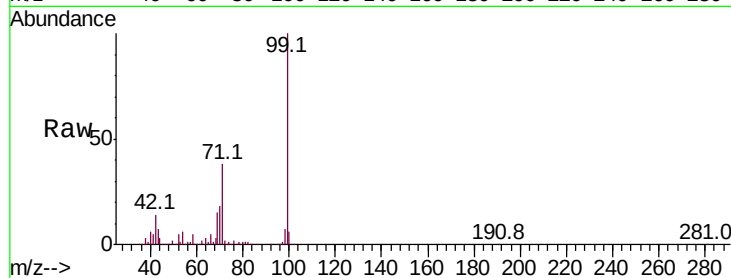
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2440537

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.1	31.3	46.9

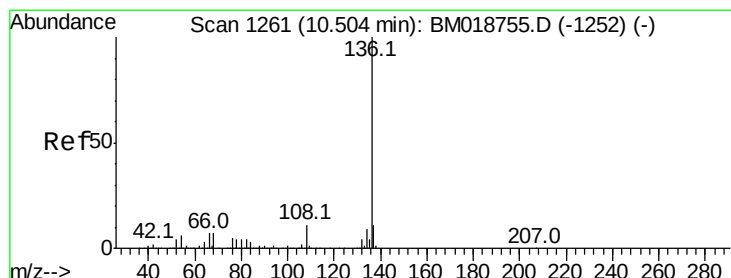
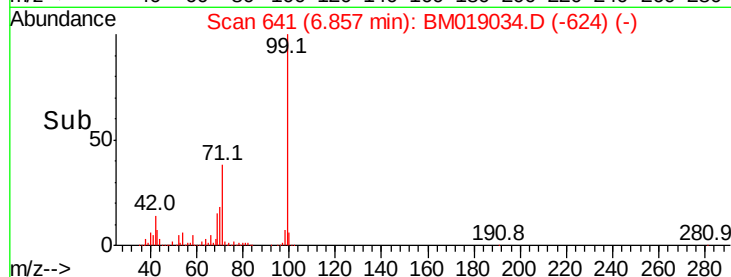
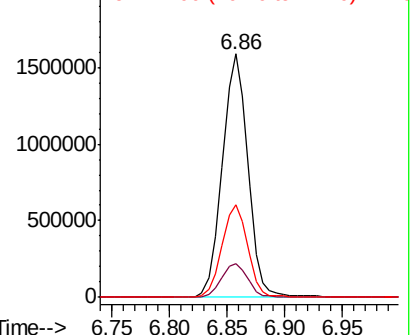


Abundance

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

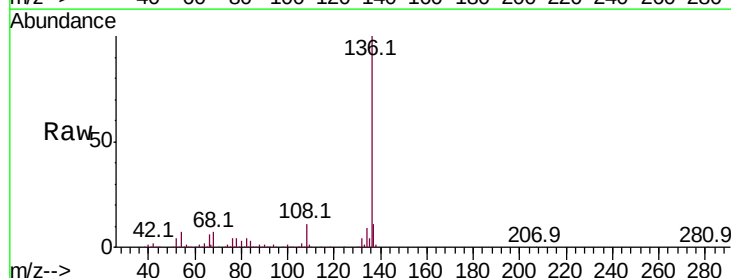
Delta R.T. -0.01 min

Lab File: BM019034.D

Acq: 05 Mar 2019 06:29

Tgt Ion: 136 Resp: 875952

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.0	7.6
68	7.3	5.5	8.3



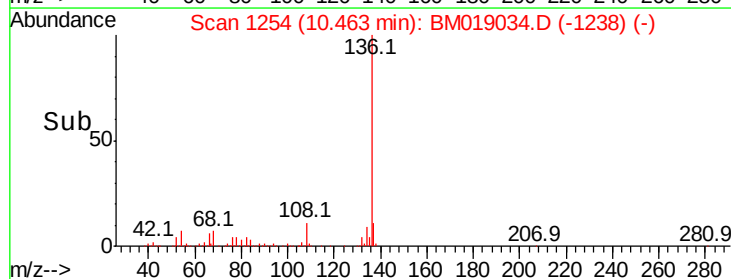
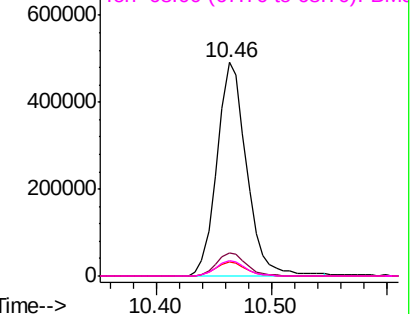
Abundance

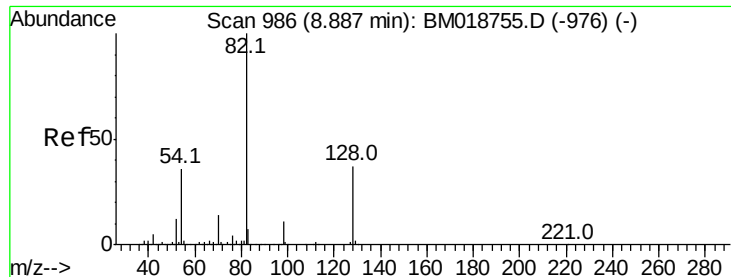
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

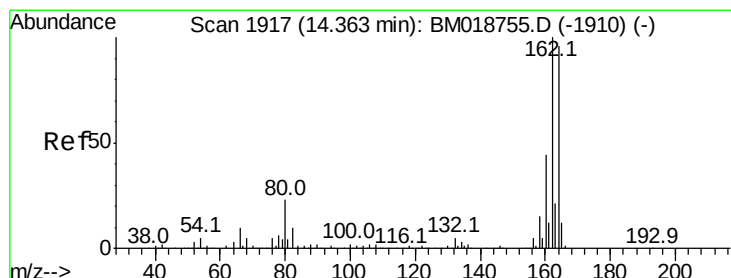
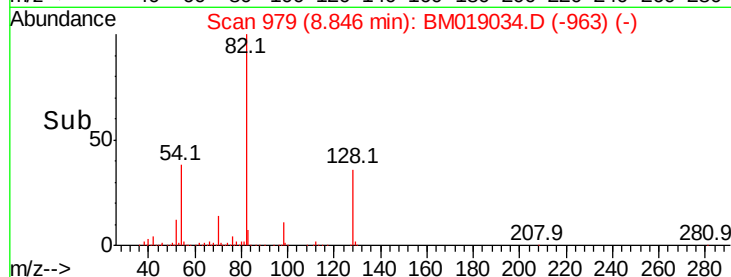
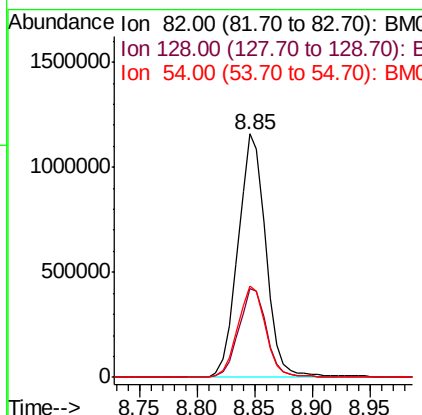
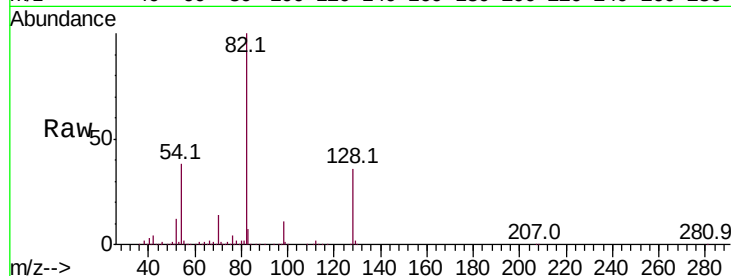




#23
 Nitrobenzene-d5
 Concen: 102.257 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019034.D
 Acq: 05 Mar 2019 06:29

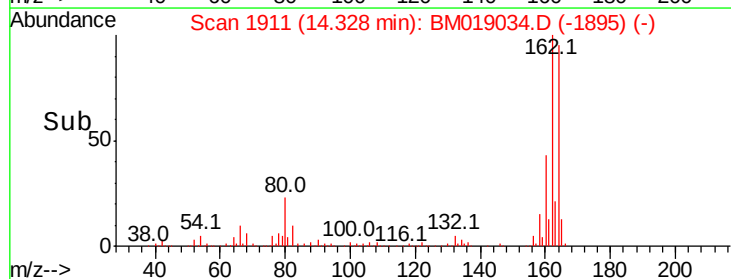
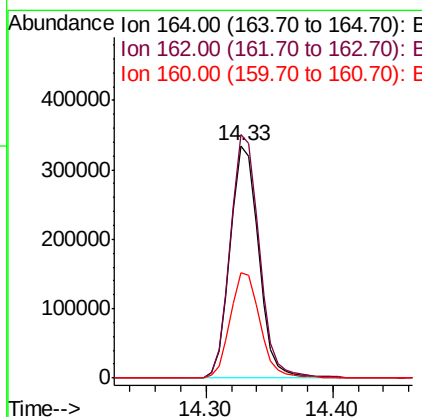
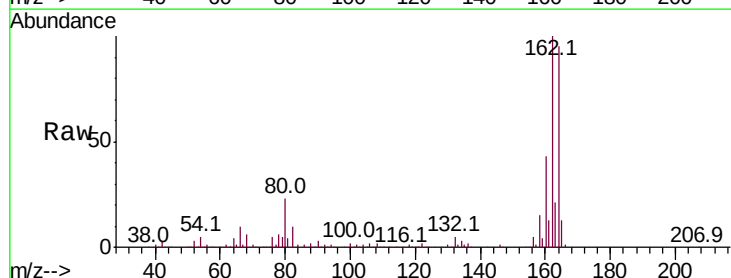
Instrument :
 BNA_M
 ClientSampleId :

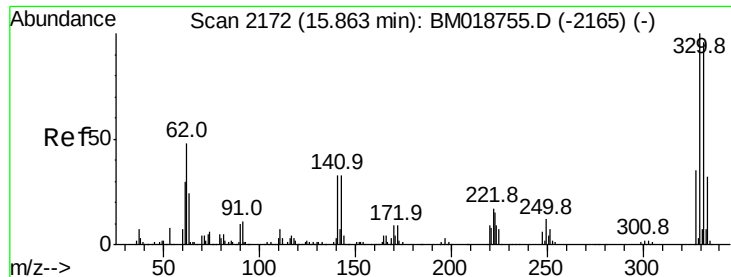
Tot Ion: 82 Resp: 1937176
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.9 44.9
 54 37.5 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM019034.D
 Acq: 05 Mar 2019 06:29

Tgt Ion: 164 Resp: 521001
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.4 125.0
 160 45.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 166.360 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019034.D

Acq: 05 Mar 2019 06:29

Instrument :

BNA_M

ClientSampleId :

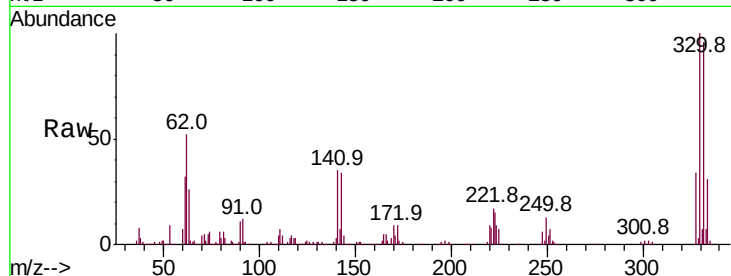
Tot Ion:330 Resp: 1249376

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

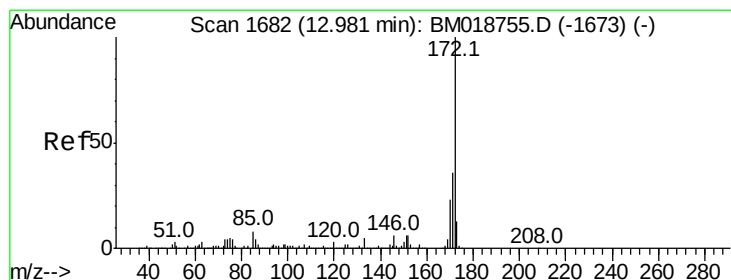
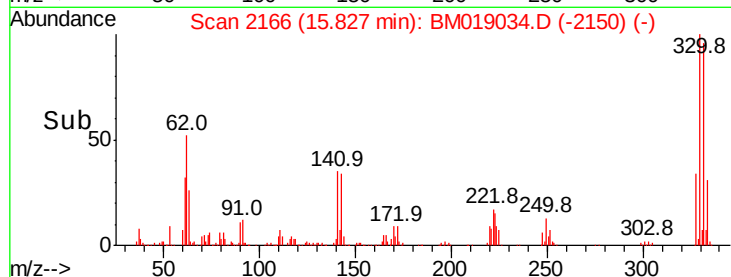
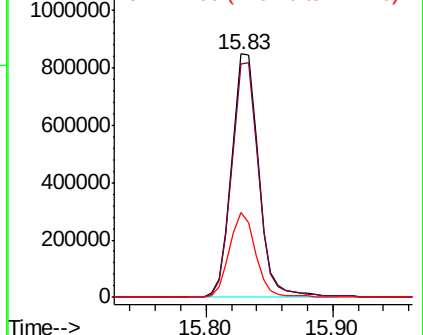
141 34.1 28.7 43.1



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: 95.332 ng

RT: 12.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BM019034.D

Acq: 05 Mar 2019 06:29

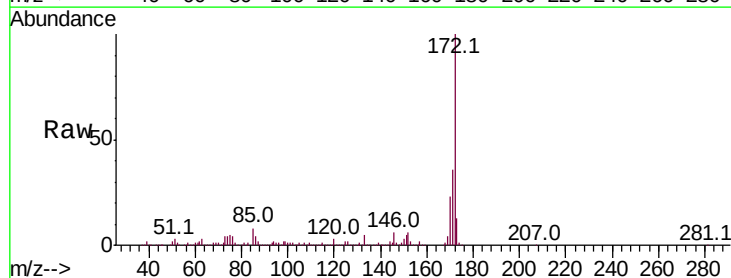
Tgt Ion:172 Resp: 3741531

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

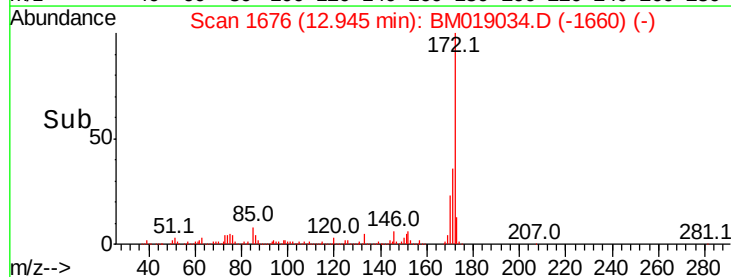
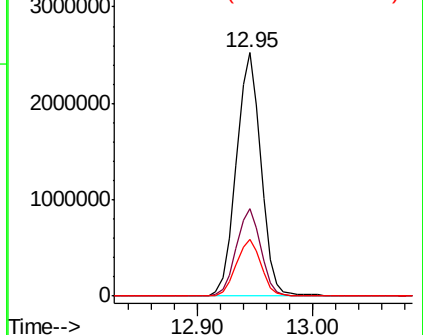
170 23.3 18.6 28.0

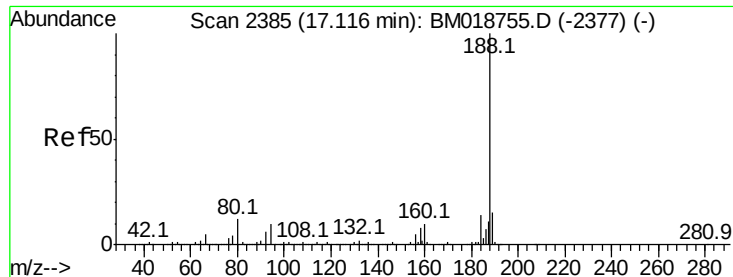


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM019034.D

Acq: 05 Mar 2019 06:29

Instrument :

BNA_M

ClientSampleId :

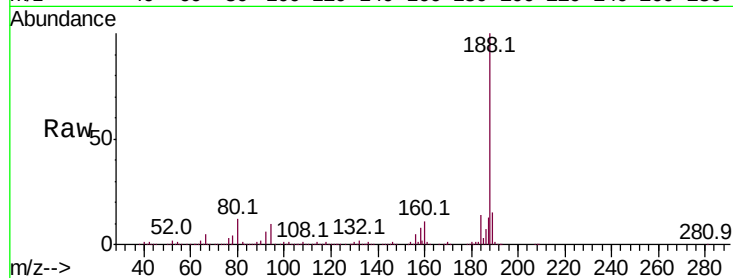
Tot Ion:188 Resp: 1198682

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

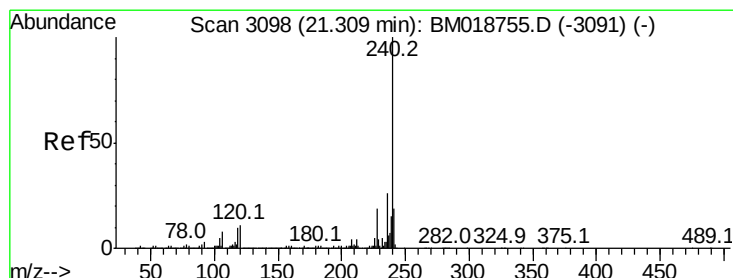
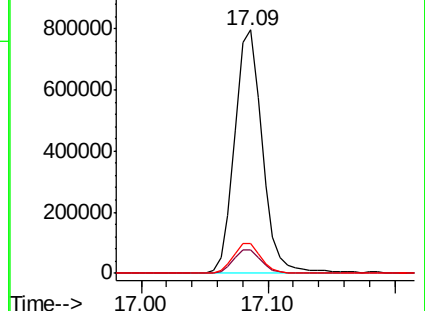
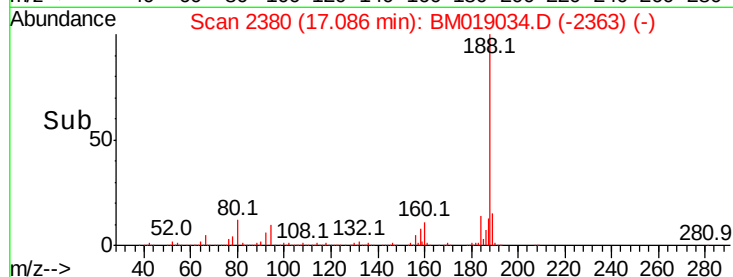
80 12.3 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019034.D

Acq: 05 Mar 2019 06:29

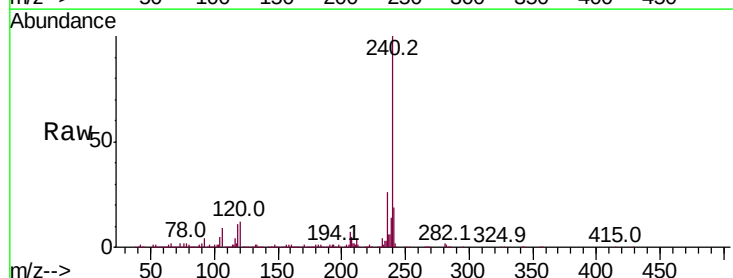
Tgt Ion:240 Resp: 1034301

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

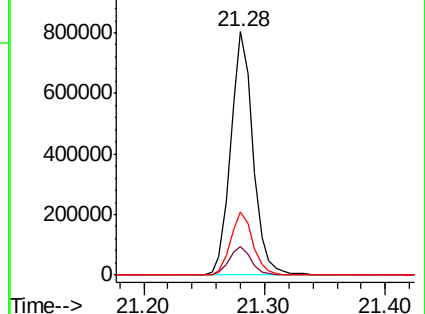
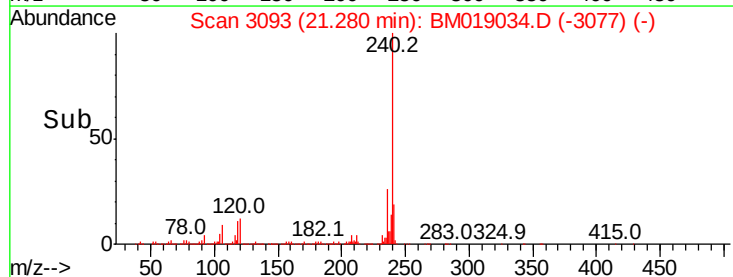
236 25.7 20.9 31.3

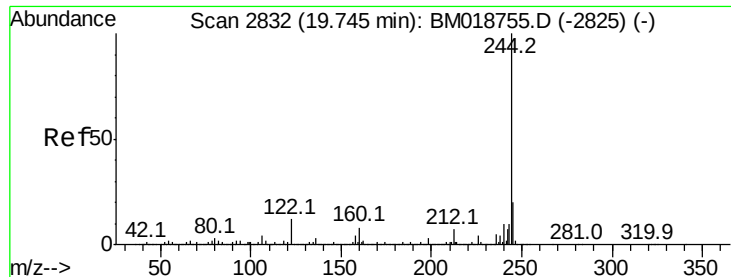


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

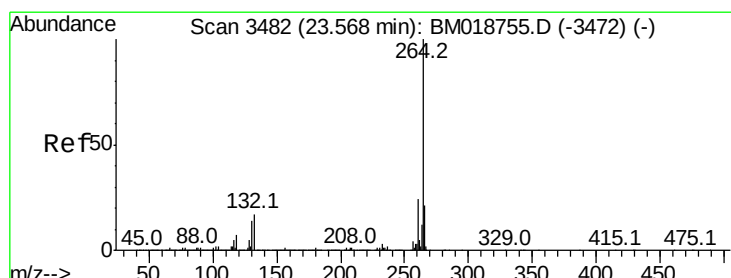
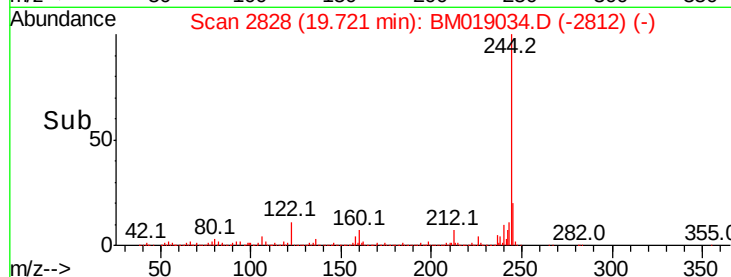
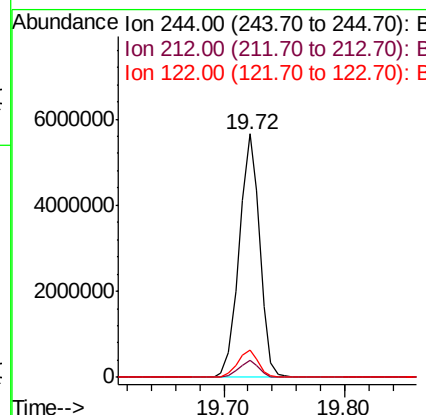
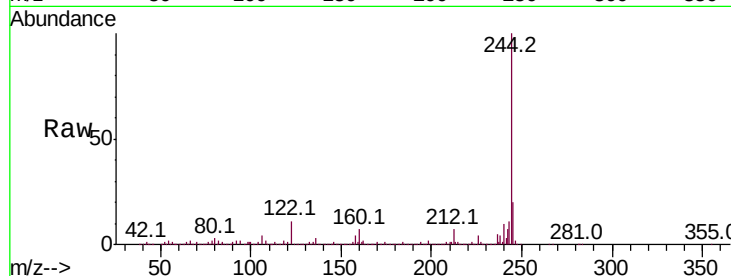




#79
 Terphenyl-d14
 Concen: 133.399 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019034.D
 Acq: 05 Mar 2019 06:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6688401
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.01 min
 Lab File: BM019034.D
 Acq: 05 Mar 2019 06:29

Tgt Ion:264 Resp: 958135
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.7 17.3 25.9

