

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
 Data File : BM021085.D
 Acq On : 21 Jun 2019 16:11
 Operator : HP/JU
 Sample : K3309-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW005-190610

Quant Time: Jun 21 23:30:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

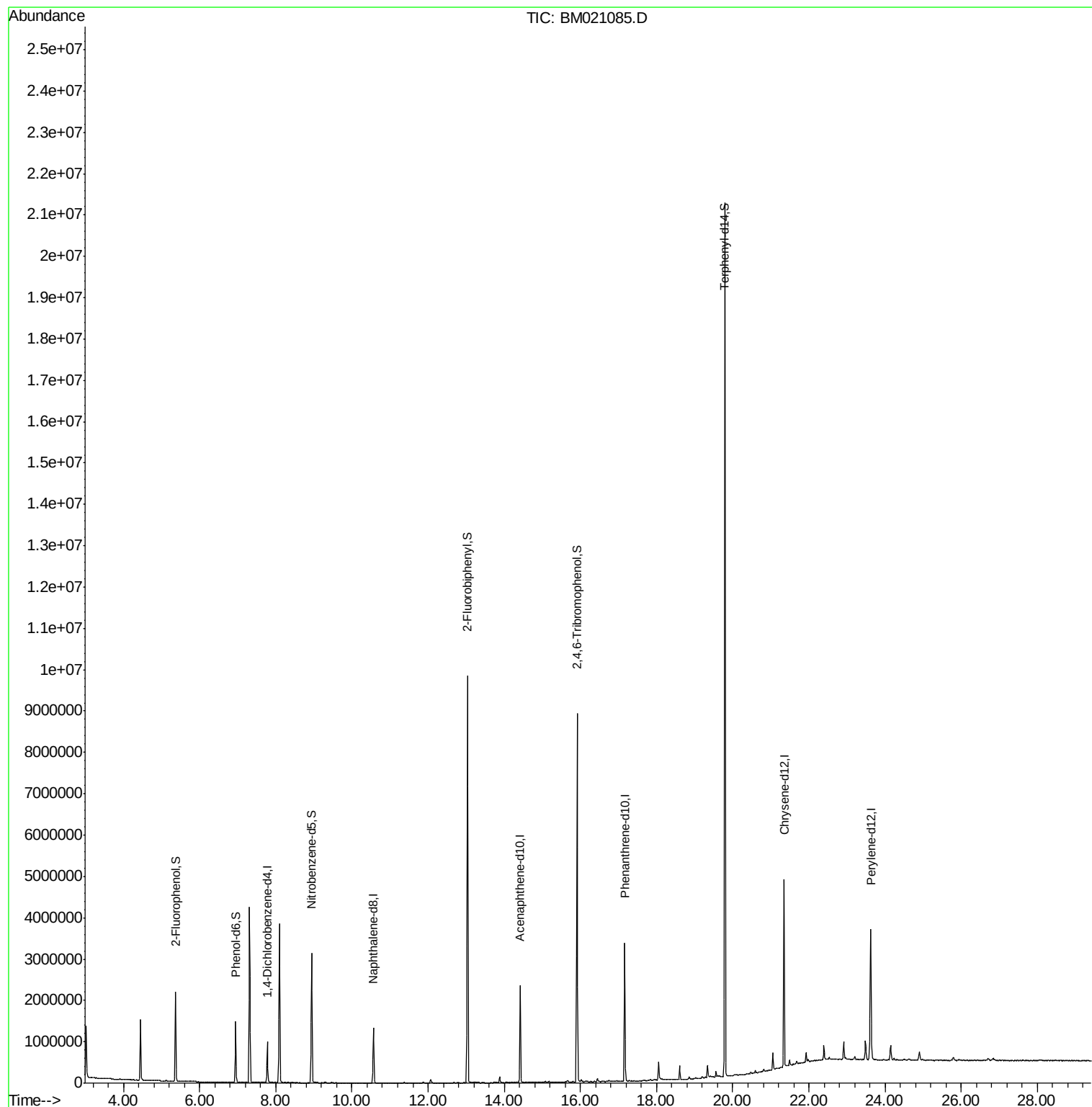
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	280553	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1156414	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	784386	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2014682	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2214266	20.00	ng	0.00
87) Perylene-d12	23.63	264	2496033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	906102	58.48	ng	0.00
7) Phenol-d6	6.95	99	811837	35.98	ng	0.00
23) Nitrobenzene-d5	8.94	82	1875818	84.54	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1978630	134.43	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	5403756	84.67	ng	0.00
79) Terphenyl-d14	19.79	244	10461490	88.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.91	77	243	Below Cal	Qvalue #	2

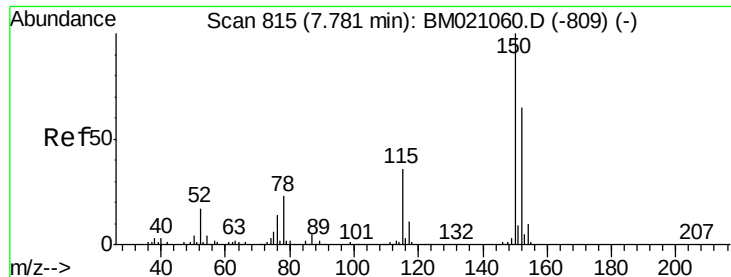
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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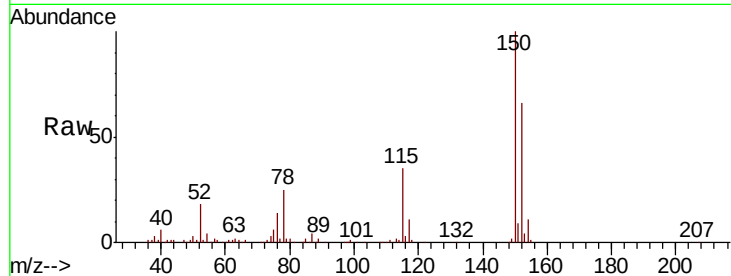


#1

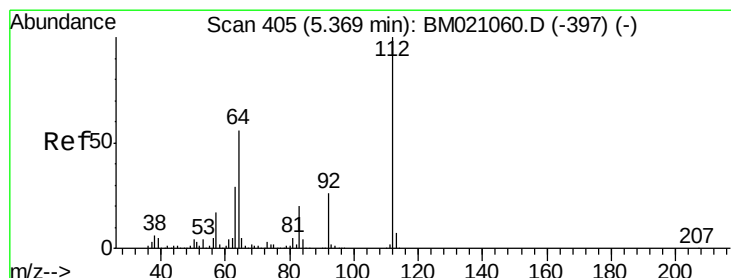
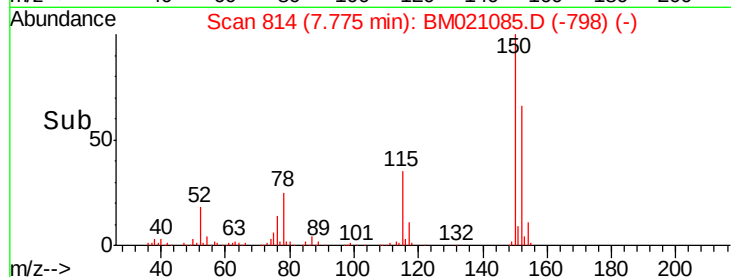
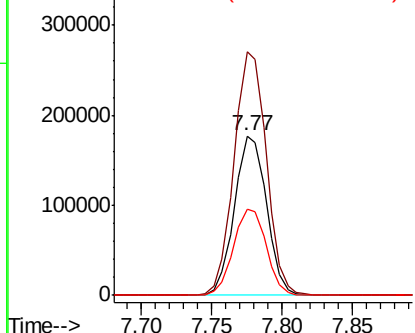
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021085.D
Acq: 21 Jun 2019 16:11

Instrument :
BNA_M
ClientSampleId :
LF017MW005-190610

Tgt Ion:152 Resp: 280553
Ion Ratio Lower Upper
152 100
150 152.5 123.1 184.7
115 54.1 44.2 66.4



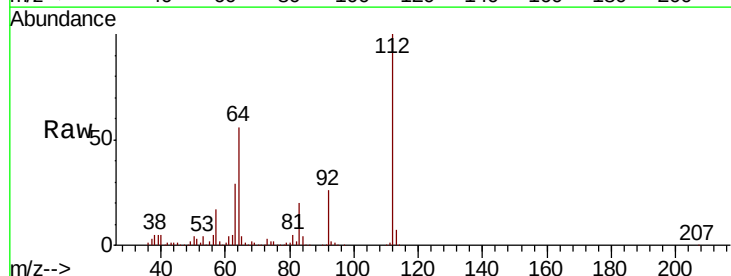
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



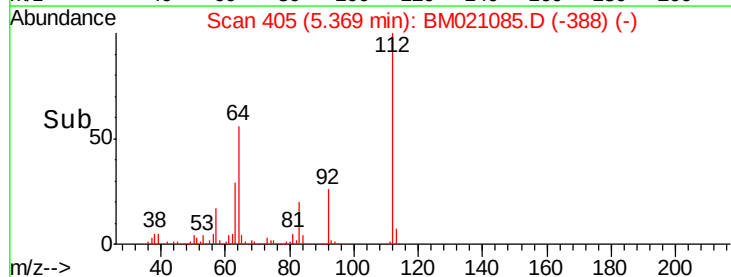
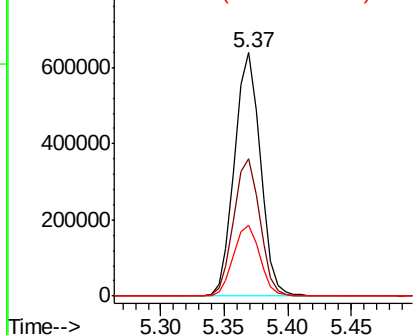
#5

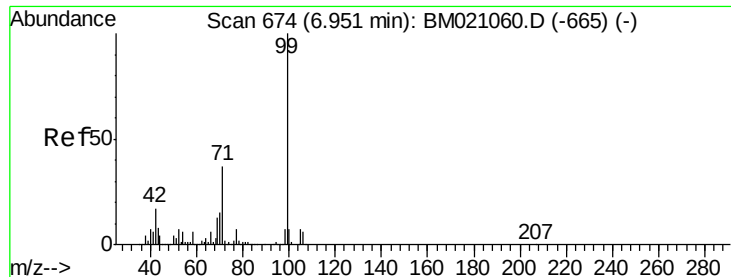
2-Fluorophenol
Concen: 58.481 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021085.D
Acq: 21 Jun 2019 16:11

Tgt Ion:112 Resp: 906102
Ion Ratio Lower Upper
112 100
64 56.2 45.2 67.8
63 29.0 23.5 35.3



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: 35.980 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021085.D

Acq: 21 Jun 2019 16:11

Instrument :

BNA_M

ClientSampleId :

LF017MW005-190610

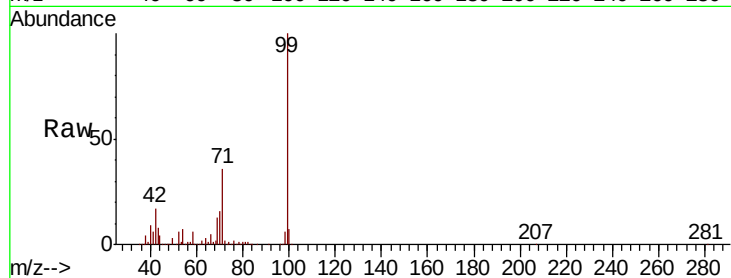
Tgt Ion: 99 Resp: 811837

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

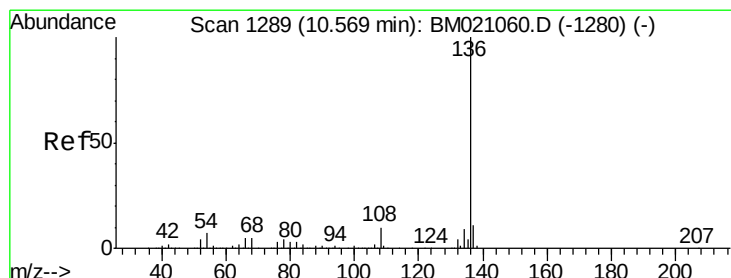
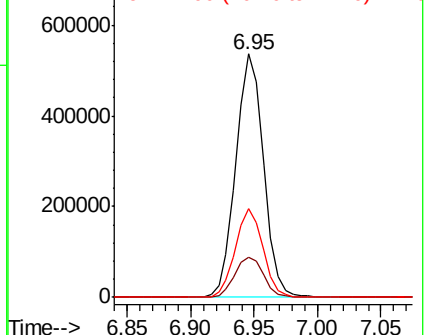
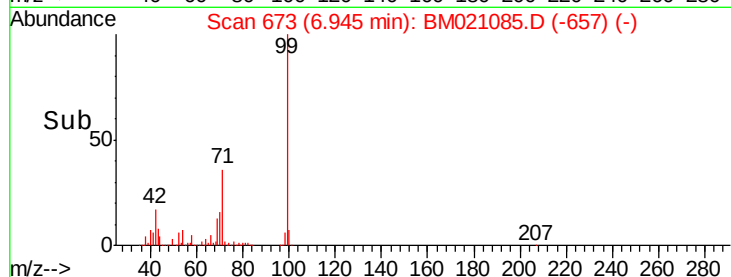
71 36.3 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BM021060.D (-665) (-)

Ion 42.00 (41.70 to 42.70): BM021060.D (-665) (-)

Ion 71.00 (70.70 to 71.70): BM021060.D (-665) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM021085.D

Acq: 21 Jun 2019 16:11

Tgt Ion: 136 Resp: 1156414

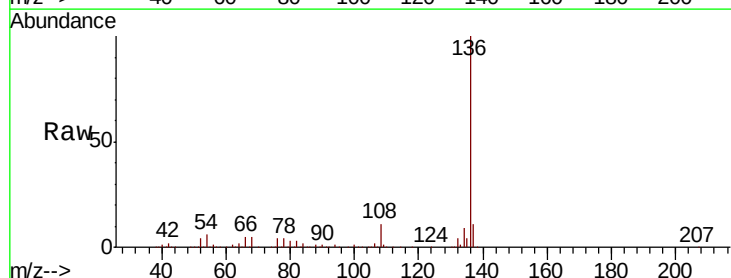
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.5 5.3 7.9

68 5.4 4.4 6.6

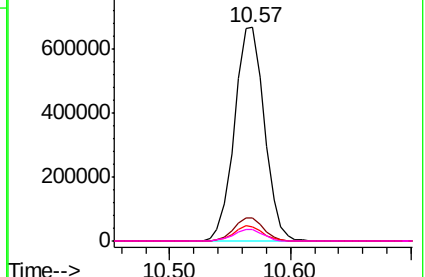
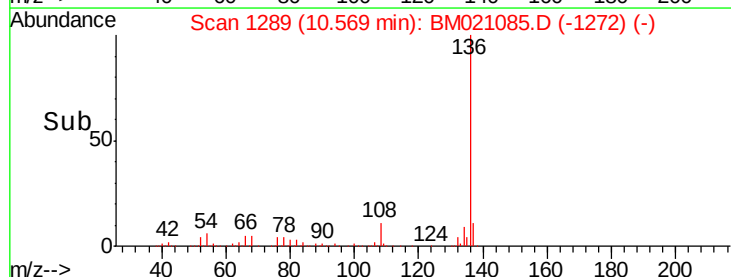


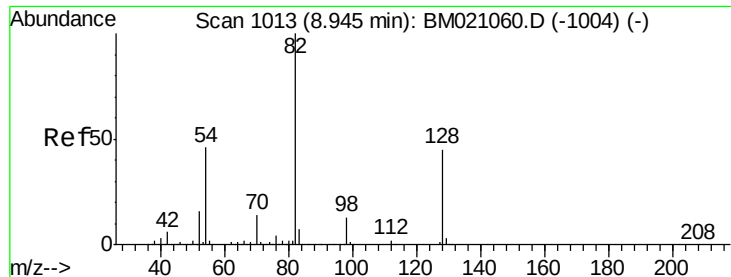
Abundance Ion 136.00 (135.70 to 136.70): BM021060.D (-1280) (-)

Ion 137.00 (136.70 to 137.70): BM021060.D (-1280) (-)

Ion 54.00 (53.70 to 54.70): BM021060.D (-1280) (-)

Ion 68.00 (67.70 to 68.70): BM021060.D (-1280) (-)

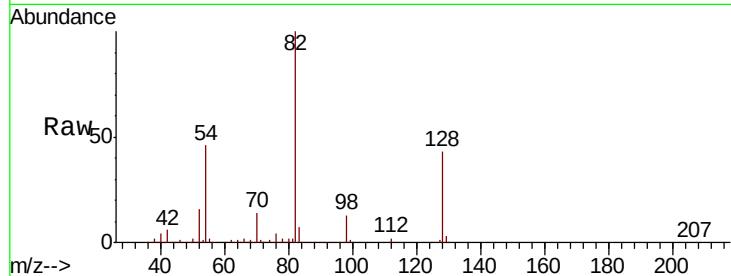




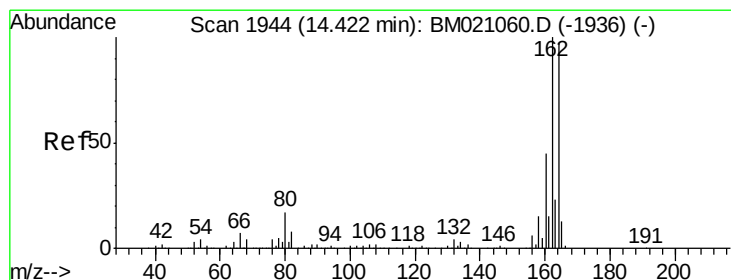
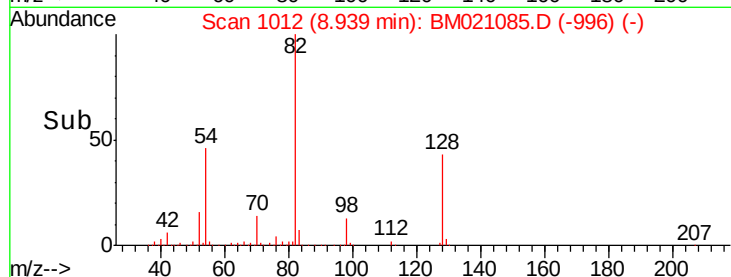
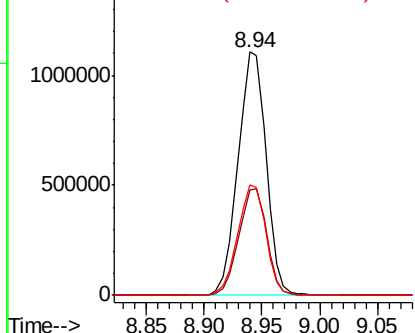
#23
Nitrobenzene-d5
Concen: 84.538 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021085.D
Acq: 21 Jun 2019 16:11

Instrument :
BNA_M
ClientSampleId :
LF017MW005-190610

Tgt Ion: 82 Resp: 1875818
Ion Ratio Lower Upper
82 100
128 43.1 35.9 53.9
54 45.5 36.6 55.0

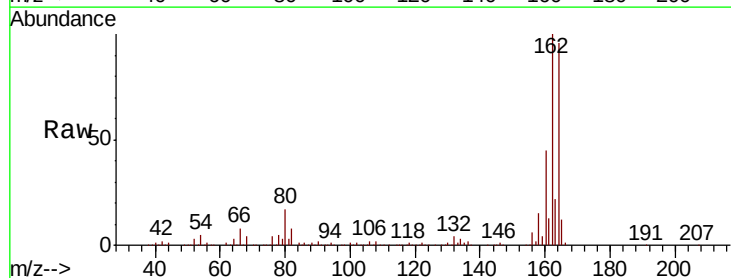


Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1004) (-)
Ion 128.00 (127.70 to 128.70): BM021060.D (-1004) (-)
Ion 54.00 (53.70 to 54.70): BM021060.D (-1004) (-)

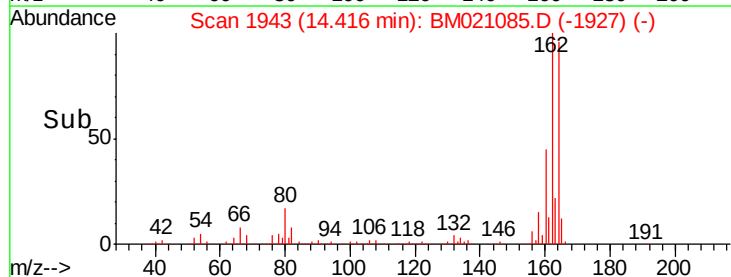
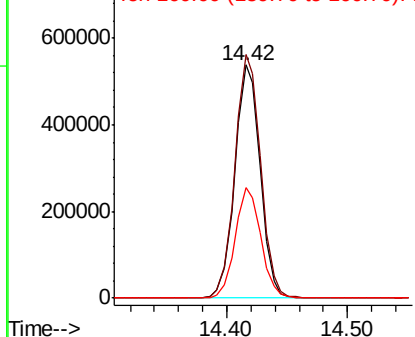


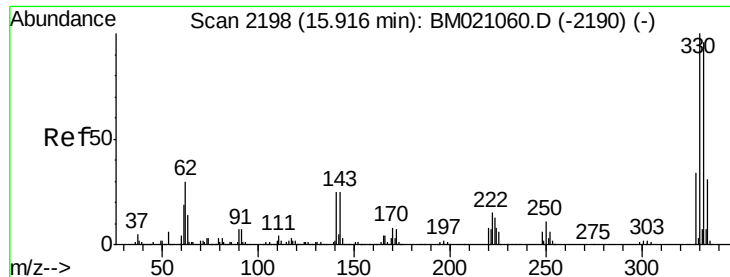
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021085.D
Acq: 21 Jun 2019 16:11

Tgt Ion: 164 Resp: 784386
Ion Ratio Lower Upper
164 100
162 104.6 82.1 123.1
160 47.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BM021060.D (-1936) (-)
Ion 162.00 (161.70 to 162.70): BM021060.D (-1936) (-)
Ion 160.00 (159.70 to 160.70): BM021060.D (-1936) (-)





#42

2,4,6-Tribromophenol

Concen: 134.430 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BM021085.D

Acq: 21 Jun 2019 16:11

Instrument :

BNA_M

ClientSampleId :

LF017MW005-190610

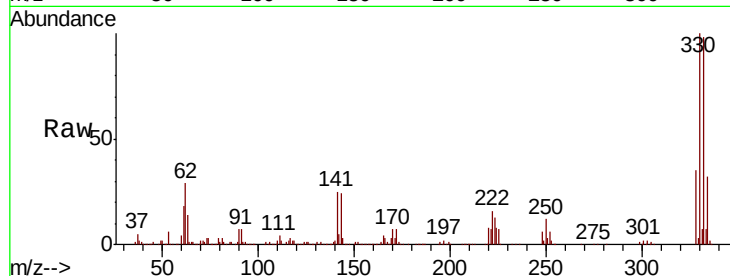
Tgt Ion:330 Resp: 1978630

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

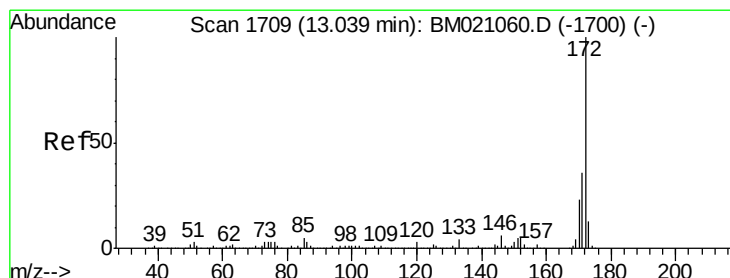
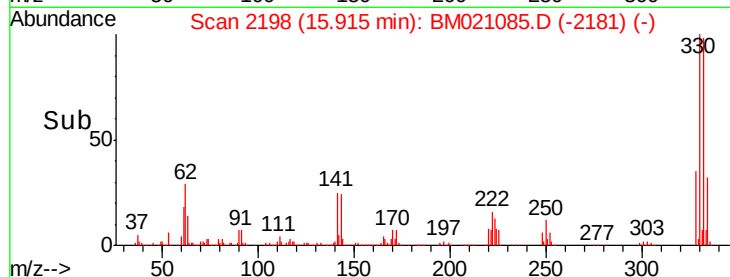
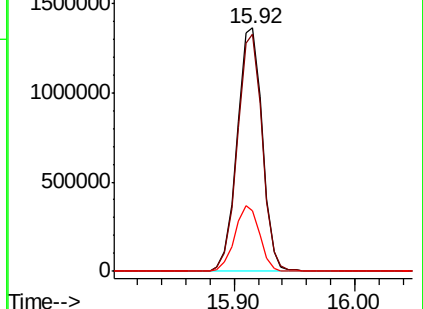
141 26.9 21.8 32.8



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: 84.668 ng

RT: 13.04 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BM021085.D

Acq: 21 Jun 2019 16:11

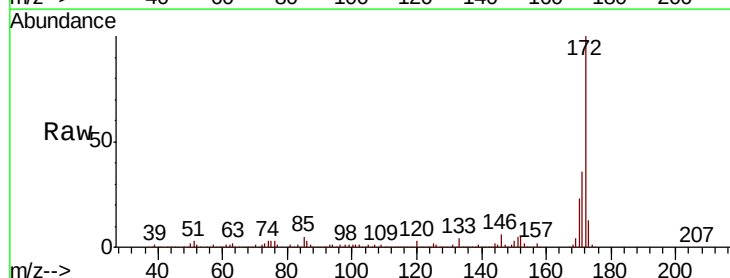
Tgt Ion:172 Resp: 5403756

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

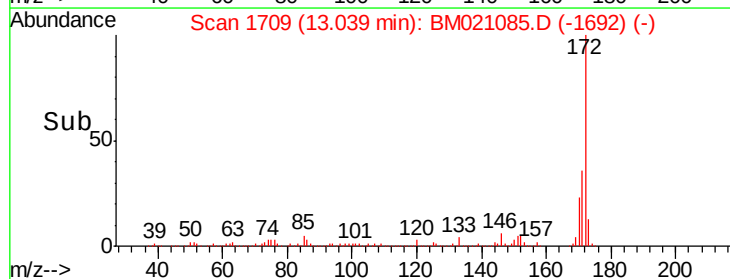
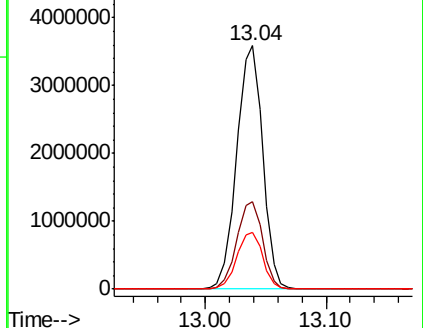
170 23.4 18.7 28.1

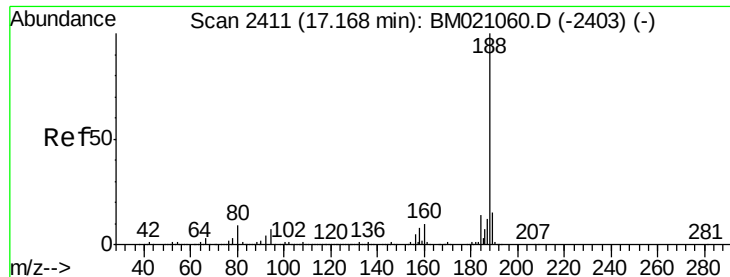


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

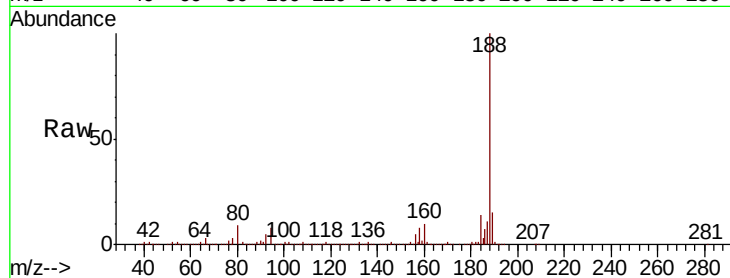




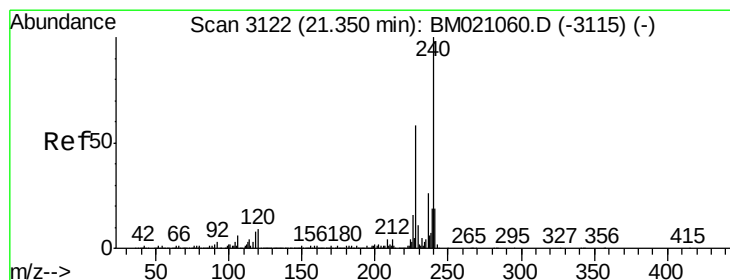
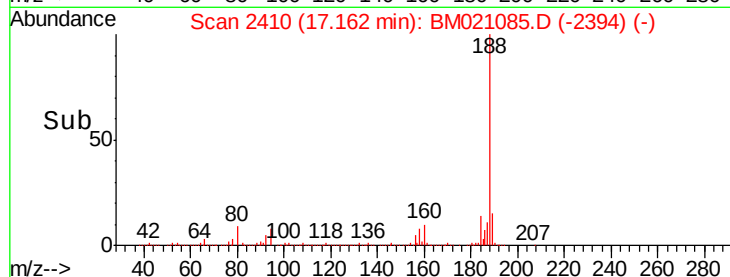
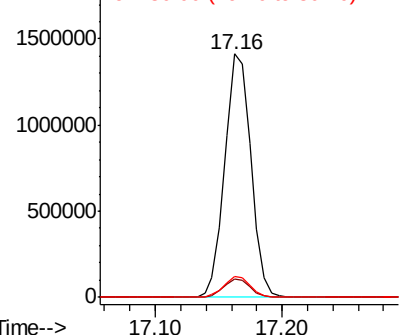
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021085.D
Acq: 21 Jun 2019 16:11

Instrument :
BNA_M
ClientSampleId :
LF017MW005-190610

Tgt Ion:188 Resp: 2014682
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 8.6 6.9 10.3

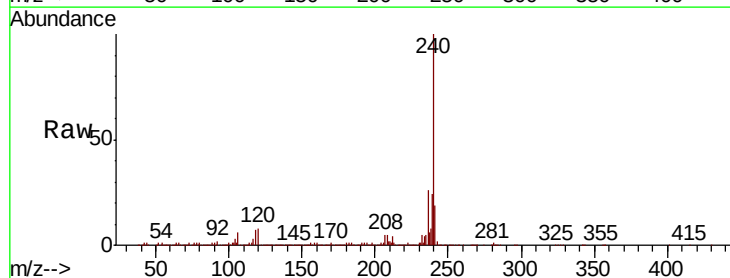


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

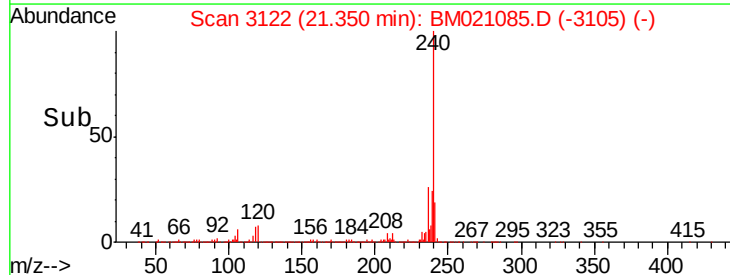
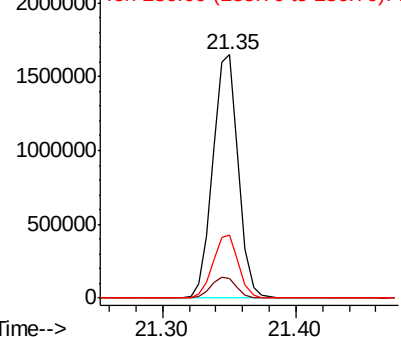


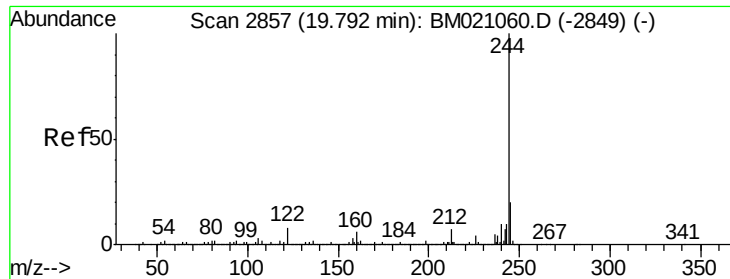
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM021085.D
Acq: 21 Jun 2019 16:11

Tgt Ion:240 Resp: 2214266
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.1 20.4 30.6



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: 88.242 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021085.D

Acq: 21 Jun 2019 16:11

Instrument :

BNA_M

ClientSampleId :

LF017MW005-190610

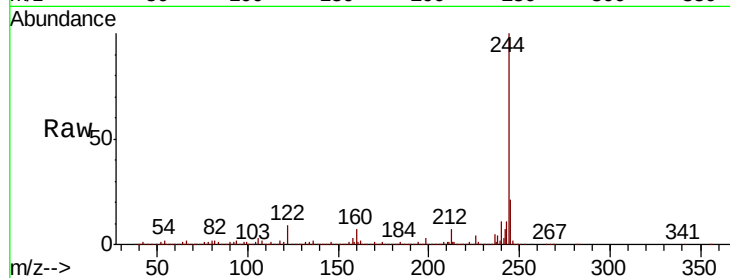
Tgt Ion:244 Resp:10461490

Ion Ratio Lower Upper

244 100

212 7.2 5.3 7.9

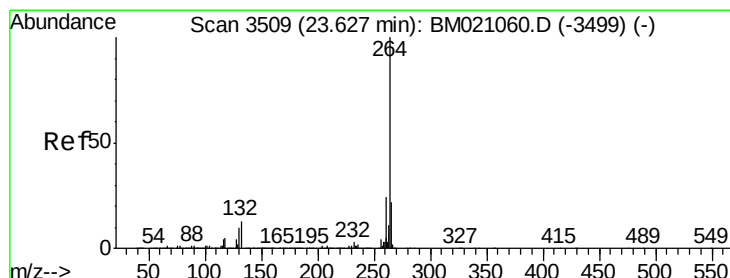
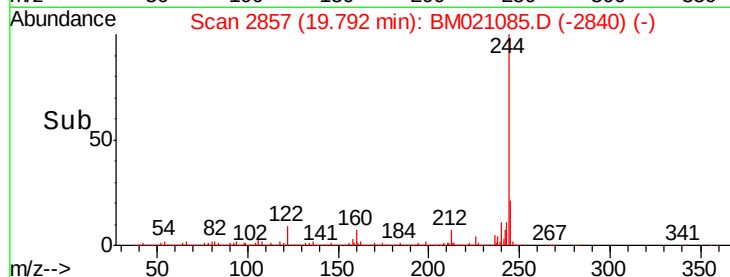
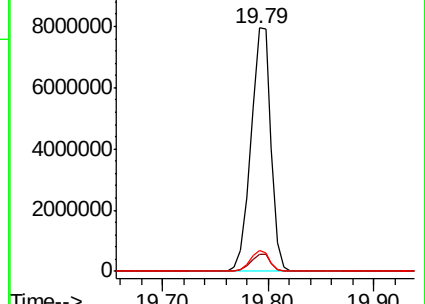
122 8.7 6.6 9.8



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

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BM021085.D

Acq: 21 Jun 2019 16:11

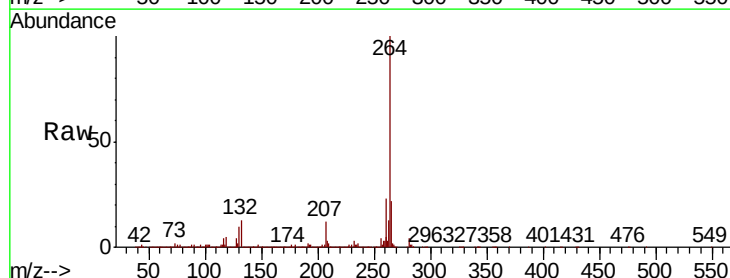
Tgt Ion:264 Resp: 2496033

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.7 17.7 26.5



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

