

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
 Data File : BM021078.D
 Acq On : 21 Jun 2019 11:57
 Operator : HP/JU
 Sample : K3309-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW004-190610

Quant Time: Jun 22 00:04:33 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	7.78	152	229767	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	936102	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	638186	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1674604	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1859009	20.00	ng	0.00
87) Perylene-d12	23.63	264	2104977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	681655	53.72	ng	0.00
7) Phenol-d6	6.95	99	568182	30.75	ng	0.00
23) Nitrobenzene-d5	8.95	82	1537044	85.57	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1679441	140.24	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4559374	87.80	ng	0.00
79) Terphenyl-d14	19.80	244	8825369	88.67	ng	0.00

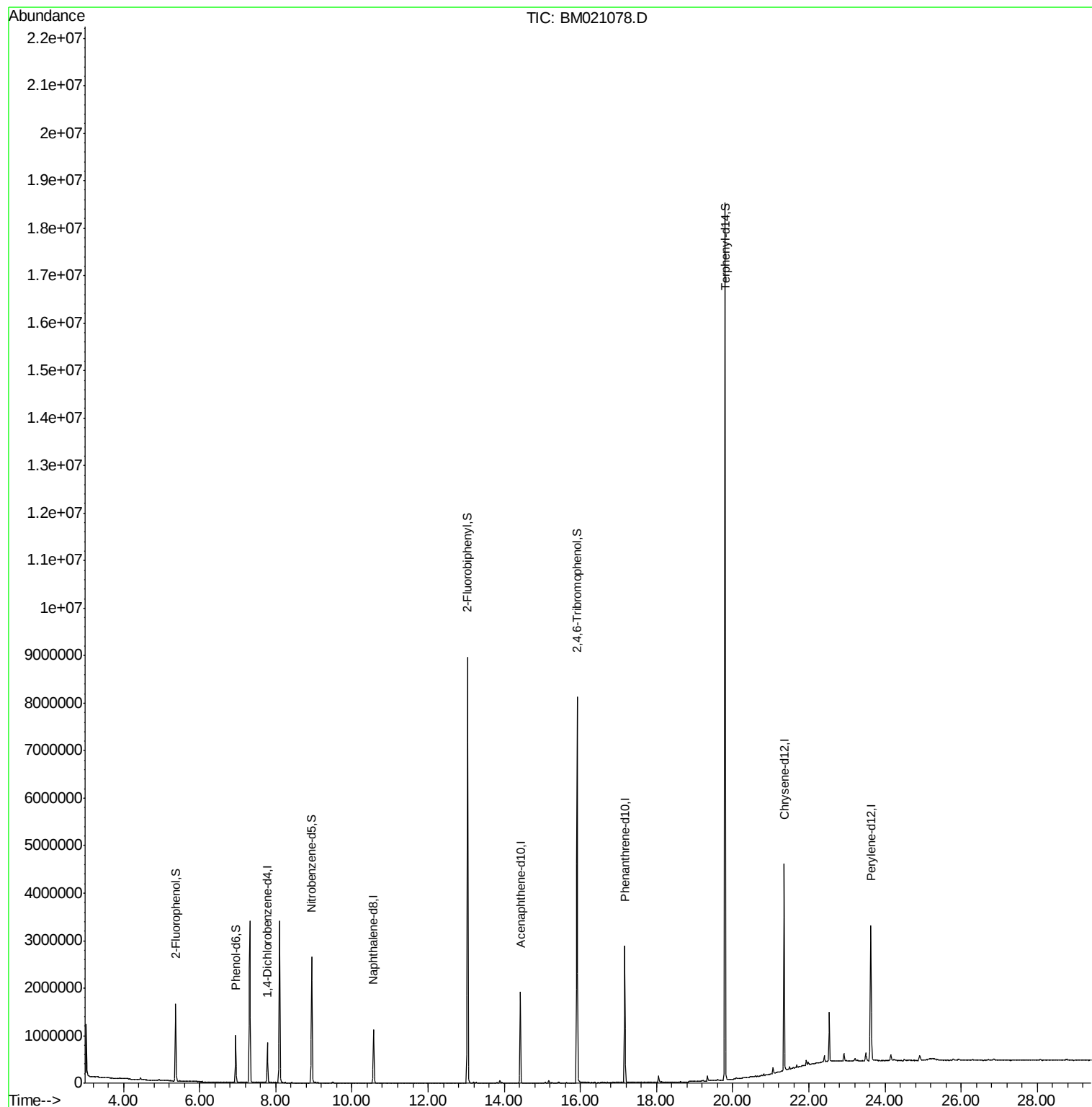
Target Compounds Qvalue

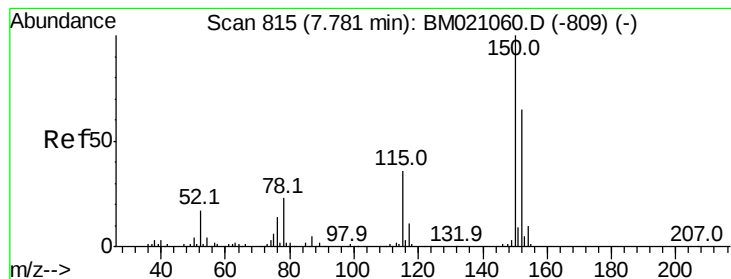
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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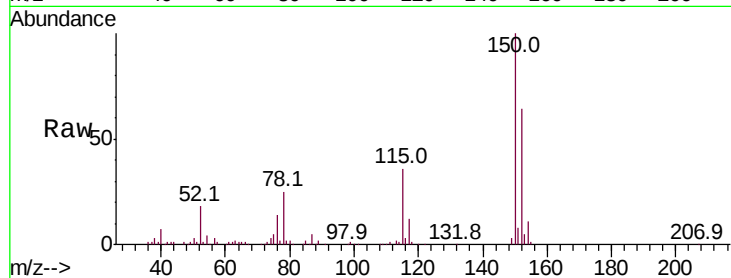


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021078.D
Acq: 21 Jun 2019 11:57

Instrument :
BNA_M
ClientSampleId :
LF017MW004-190610

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.1	184.7
115	56.2	44.2	66.4

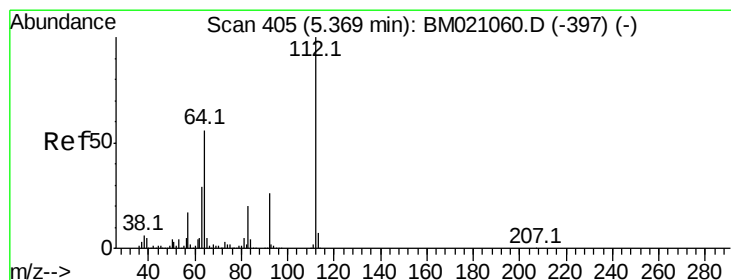
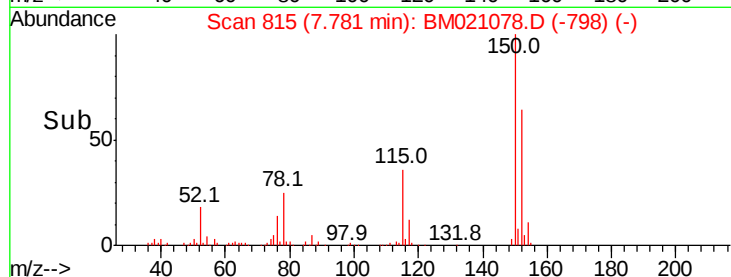
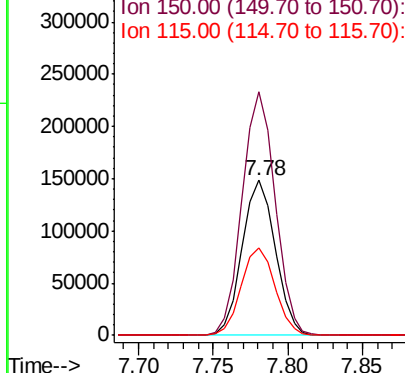


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

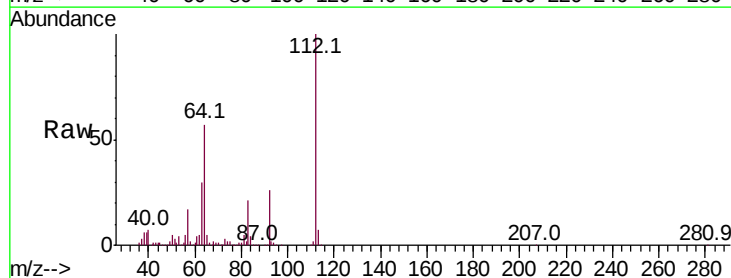
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.719 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021078.D
Acq: 21 Jun 2019 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.2	67.8
63	29.6	23.5	35.3

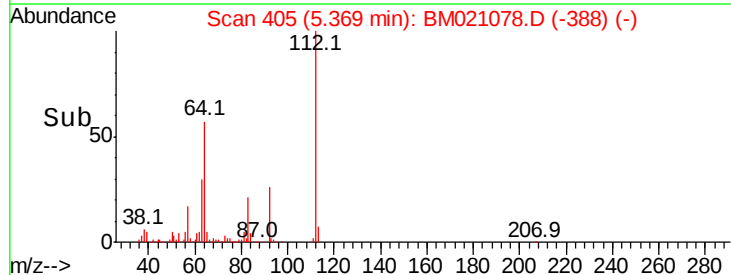
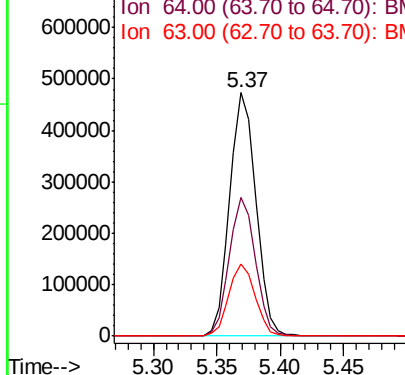


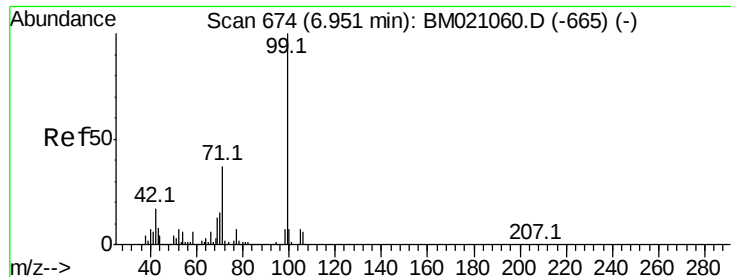
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 30.748 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021078.D

Acq: 21 Jun 2019 11:57

Instrument :

BNA_M

ClientSampleId :

LF017MW004-190610

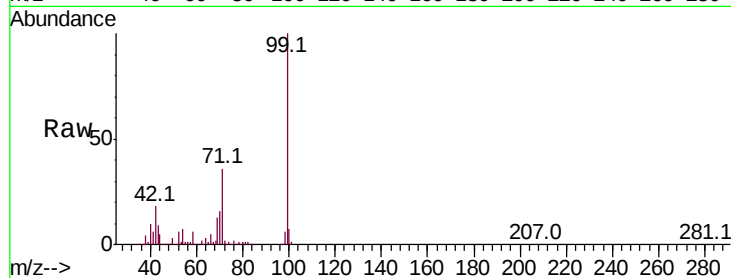
Tot Ion: 99 Resp: 568182

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

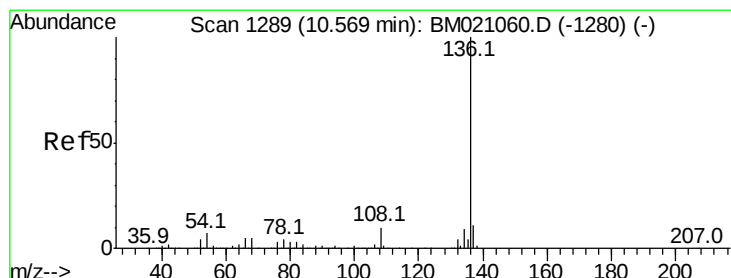
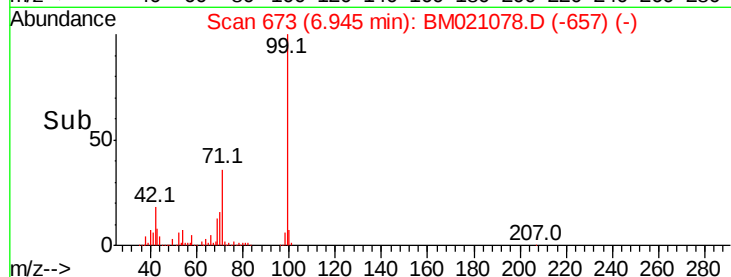
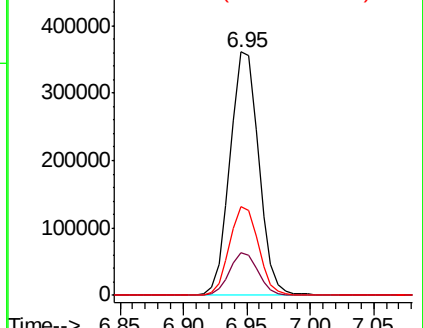
71 36.3 29.3 43.9



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: BM021078.D

Acq: 21 Jun 2019 11:57

Tgt Ion: 136 Resp: 936102

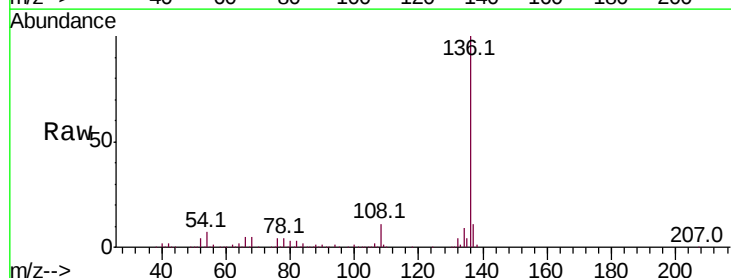
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.8 5.3 7.9

68 5.0 4.4 6.6

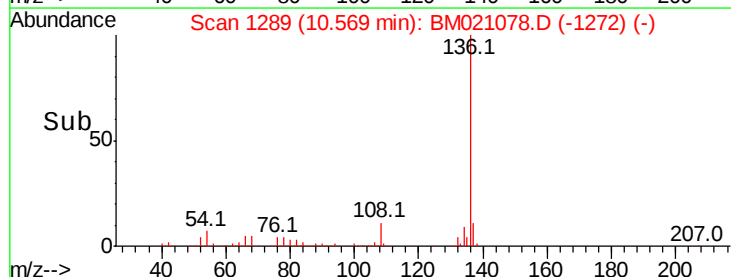
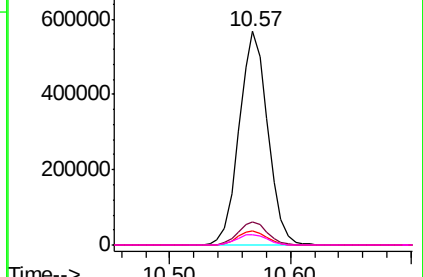


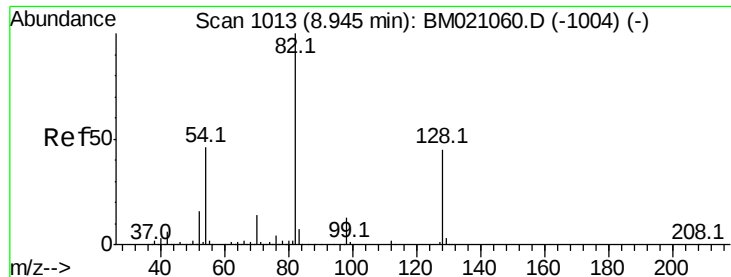
Abundance Ion 136.00 (135.70 to 136.70): BM021060.D (-1280) (-)

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) (-)

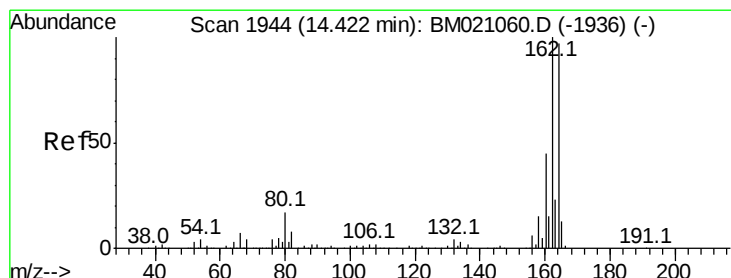
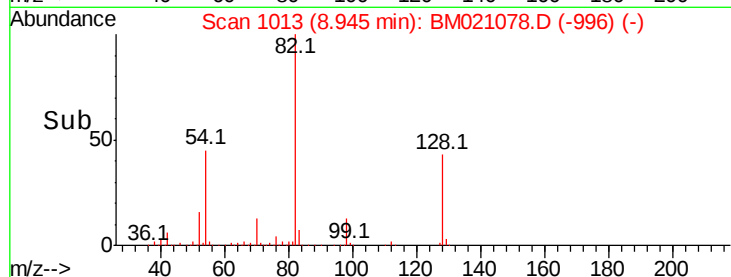
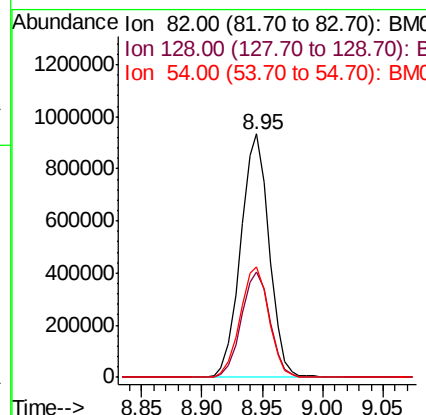
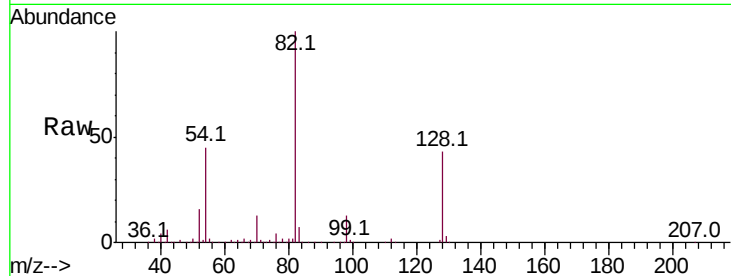




#23
Nitrobenzene-d5
Concen: 85.574 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM021078.D
Acq: 21 Jun 2019 11:57

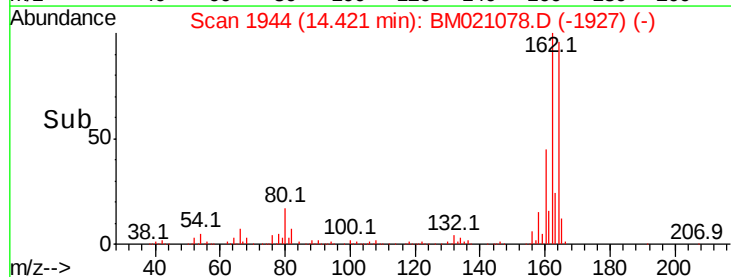
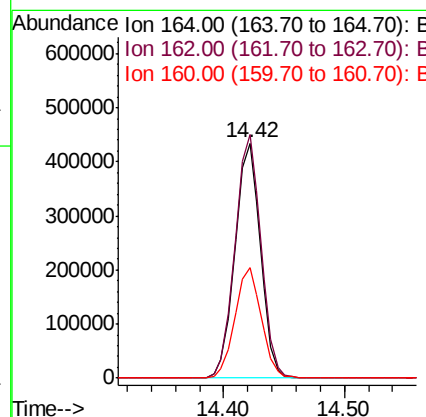
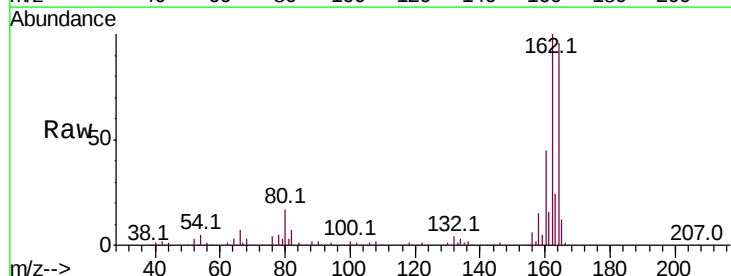
Instrument :
BNA_M
ClientSampleId :
LF017MW004-190610

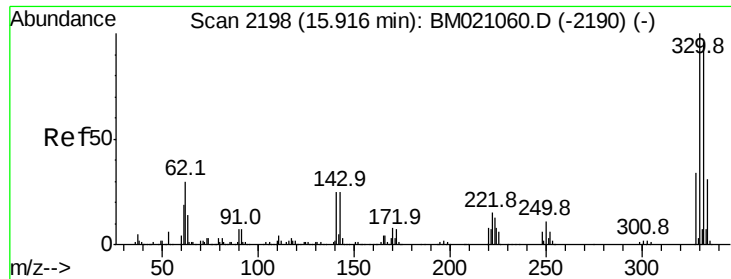
Tot Ion: 82 Resp: 1537044
Ion Ratio Lower Upper
82 100
128 43.1 35.9 53.9
54 45.4 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM021078.D
Acq: 21 Jun 2019 11:57

Tgt Ion:164 Resp: 638186
Ion Ratio Lower Upper
164 100
162 103.8 82.1 123.1
160 46.9 37.1 55.7

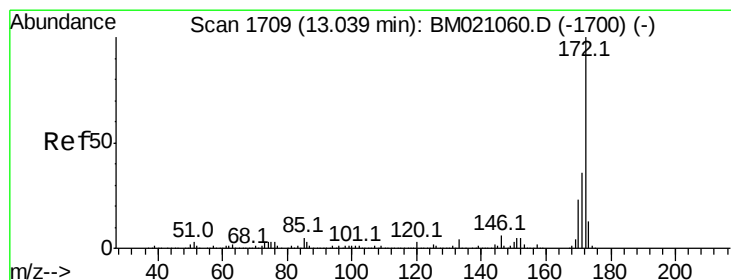
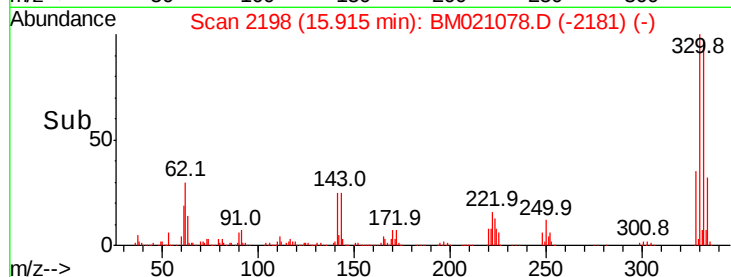
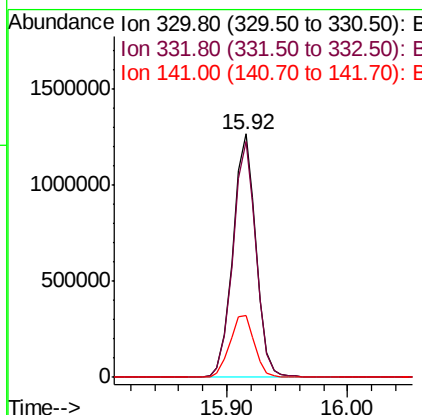
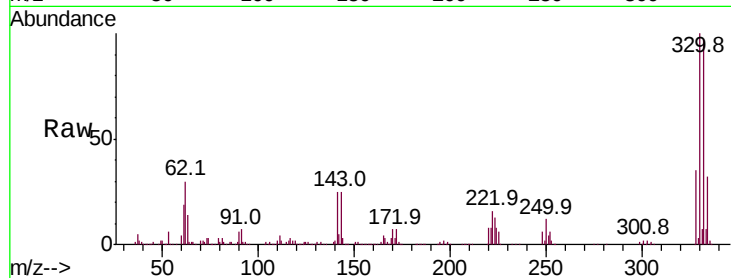




#42
 2,4,6-Tribromophenol
 Concen: 140.243 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BM021078.D
 Acq: 21 Jun 2019 11:57

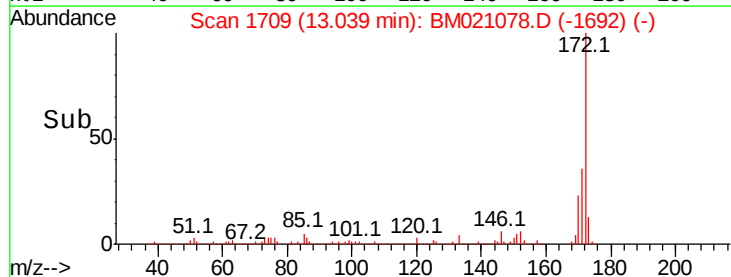
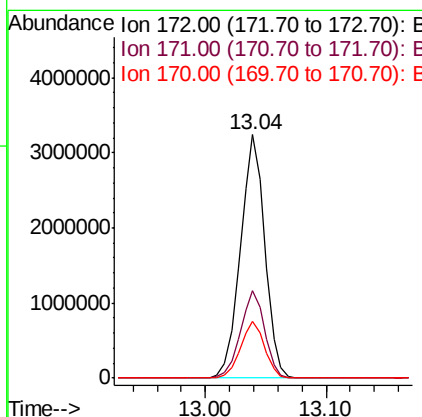
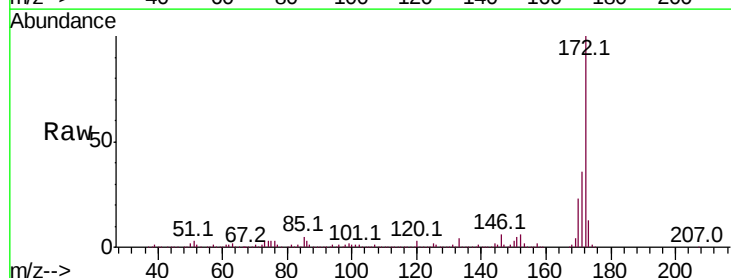
Instrument :
 BNA_M
 ClientSampleId :
 LF017MW004-190610

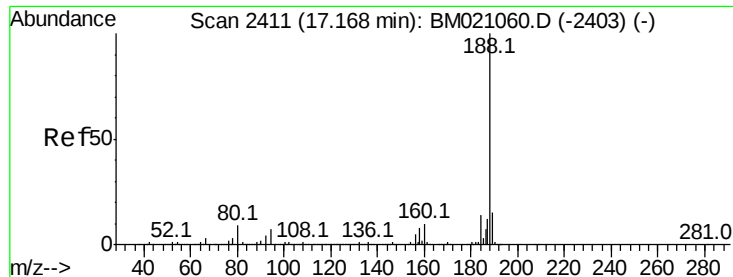
Tot Ion:330 Resp: 1679441
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 27.3 21.8 32.8



#45
 2-Fluorobiphenyl
 Concen: 87.803 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM021078.D
 Acq: 21 Jun 2019 11:57

Tgt Ion:172 Resp: 4559374
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM021078.D

Acq: 21 Jun 2019 11:57

Instrument :

BNA_M

ClientSampleId :

LF017MW004-190610

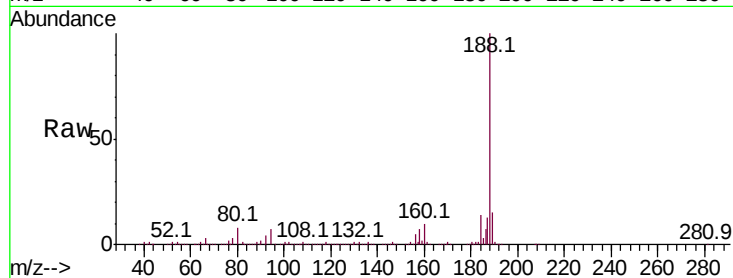
Tot Ion:188 Resp: 1674604

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

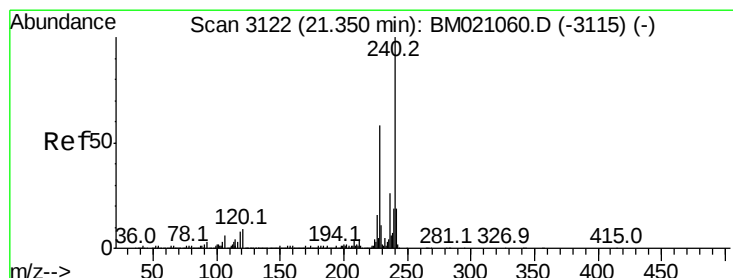
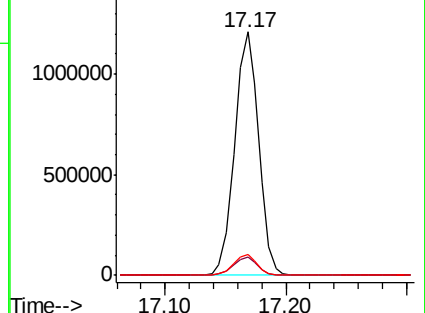
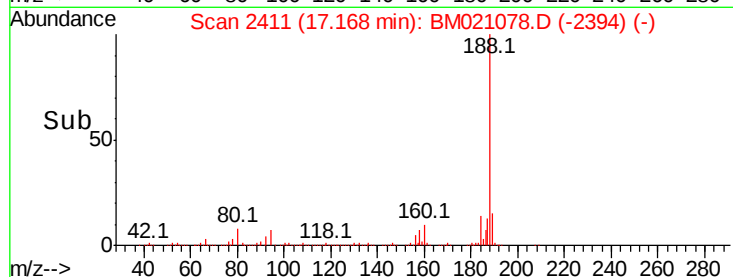
80 8.3 6.9 10.3



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: BM021078.D

Acq: 21 Jun 2019 11:57

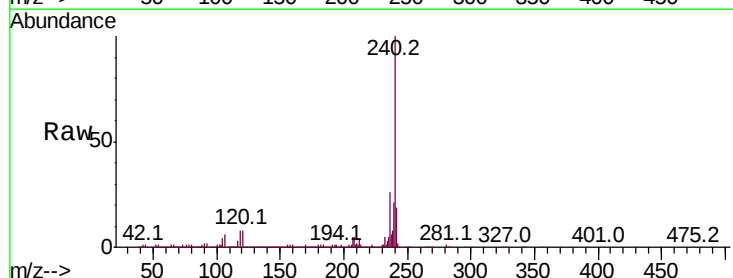
Tgt Ion:240 Resp: 1859009

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

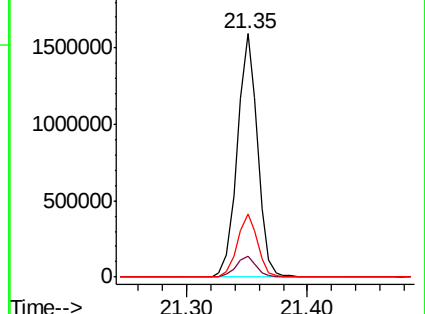
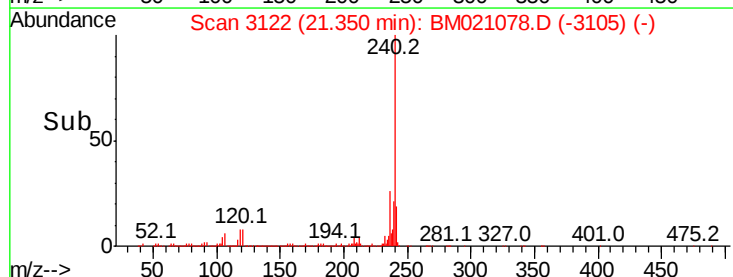
236 25.9 20.4 30.6

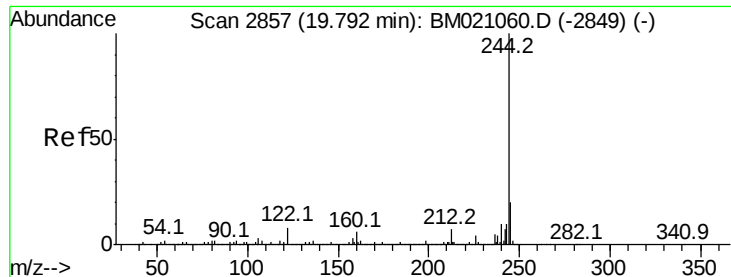


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.667 ng

RT: 19.80 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM021078.D

Acq: 21 Jun 2019 11:57

Instrument :

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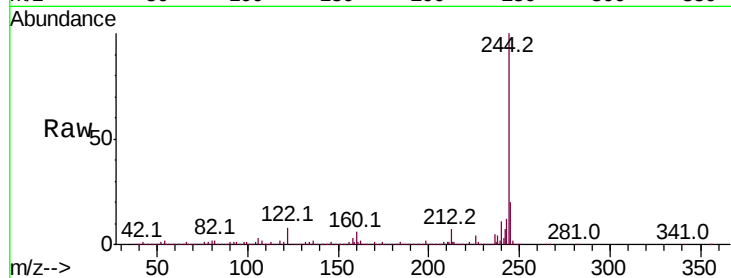
Tot Ion:244 Resp: 8825369

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

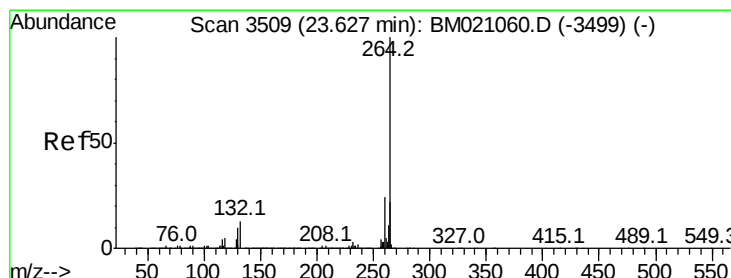
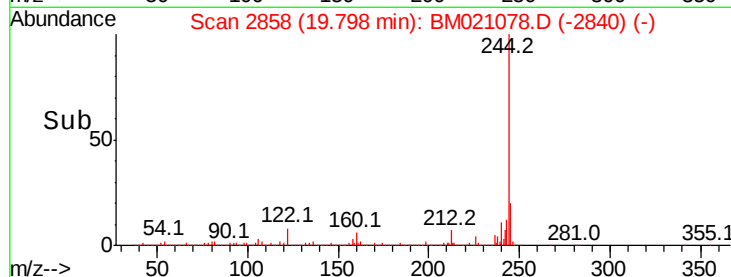
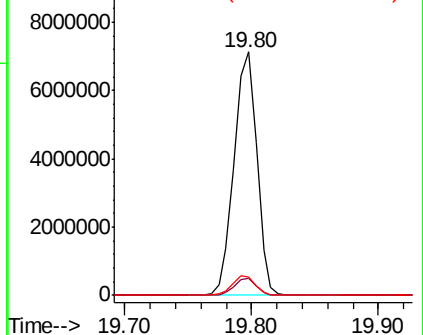
122 7.8 6.6 9.8



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: BM021078.D

Acq: 21 Jun 2019 11:57

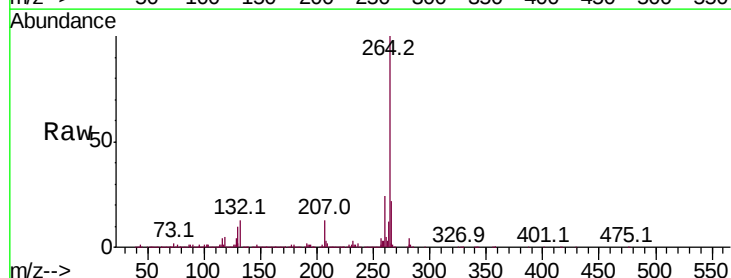
Tgt Ion:264 Resp: 2104977

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.0 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

