

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
 Data File : BM021082.D
 Acq On : 21 Jun 2019 14:22
 Operator : HP/JU
 Sample : K3309-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-190610

Quant Time: Jun 22 00:09:42 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	254331	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1041891	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	703617	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1817668	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1832315	20.00	ng	0.00
87) Perylene-d12	23.62	264	1821211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	802665	57.15	ng	0.00
7) Phenol-d6	6.95	99	692148	33.84	ng	0.00
23) Nitrobenzene-d5	8.94	82	1727472	86.41	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1874144	141.95	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	5041989	88.07	ng	0.00
79) Terphenyl-d14	19.79	244	9545139	97.30	ng	0.00

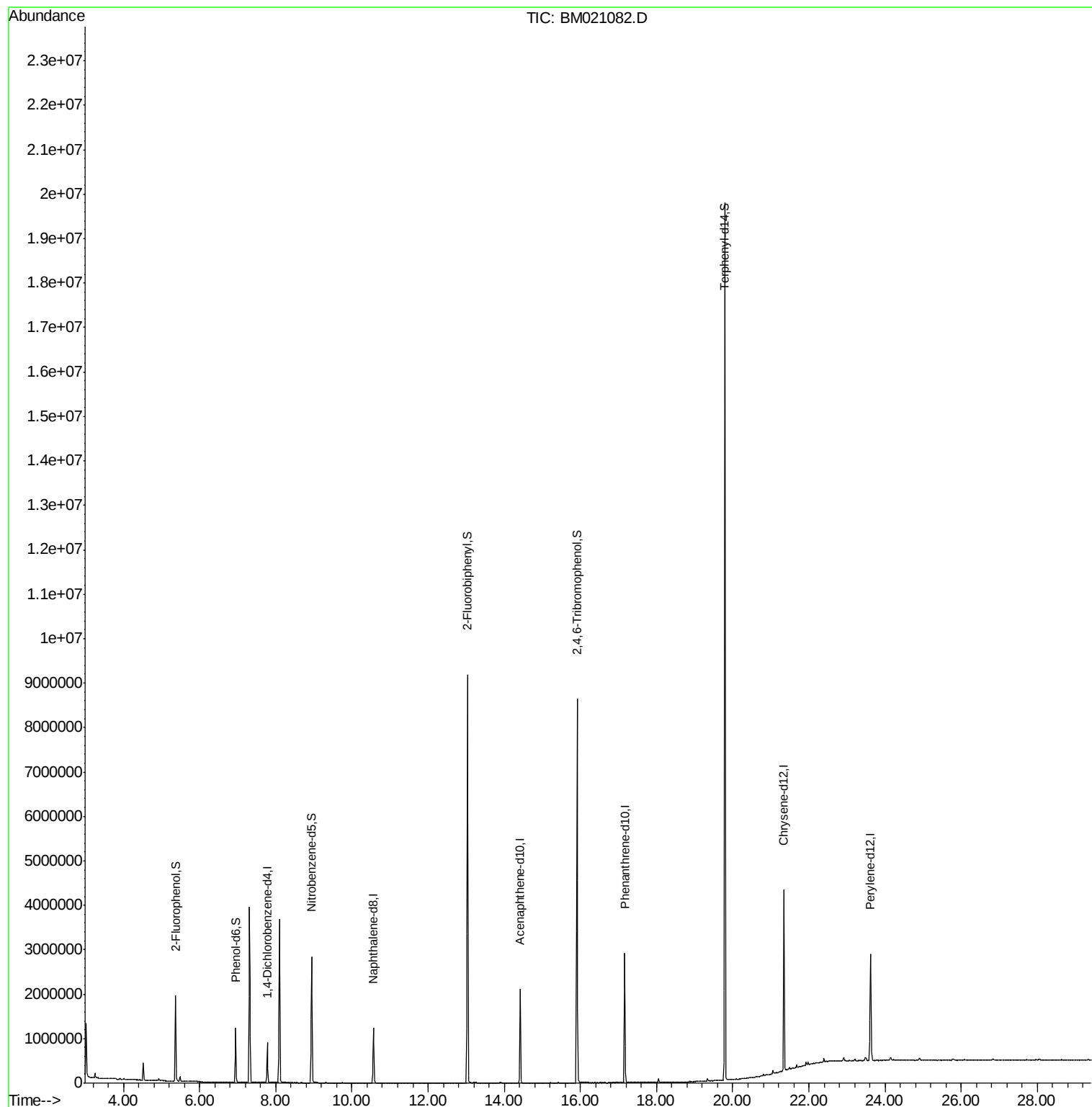
Target Compounds Qvalue

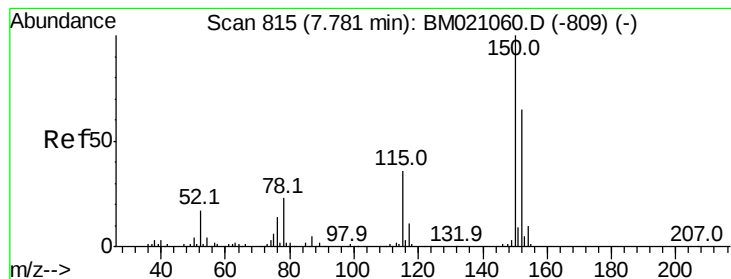
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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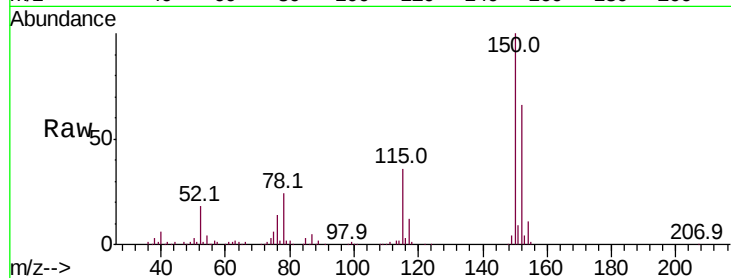


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.1	184.7
115	54.8	44.2	66.4

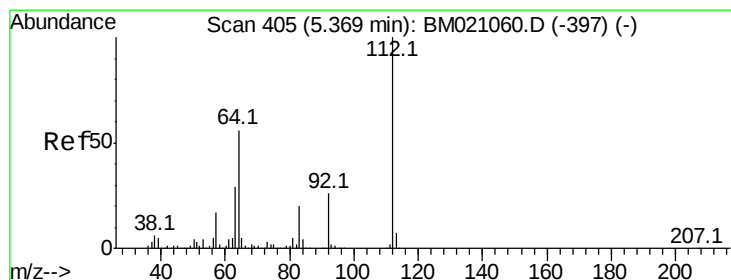
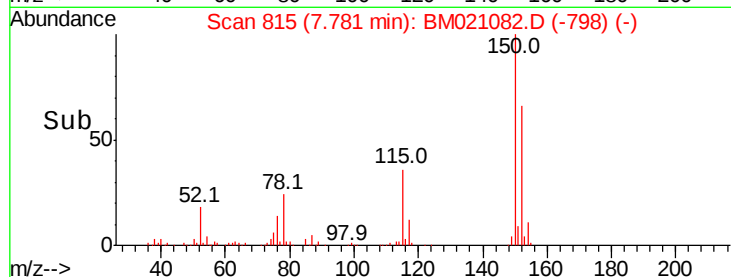
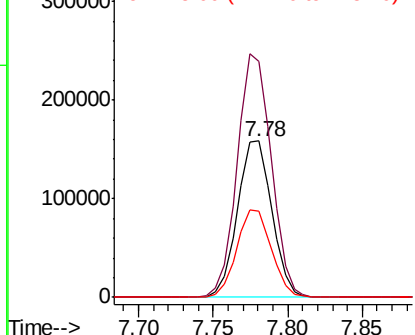


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

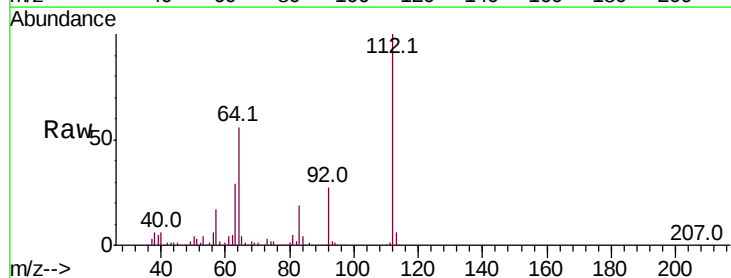
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.146 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.2	67.8
63	28.7	23.5	35.3

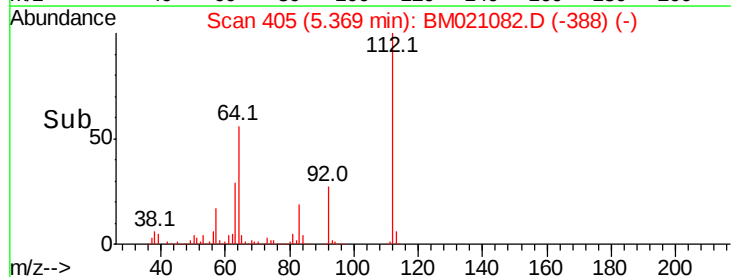
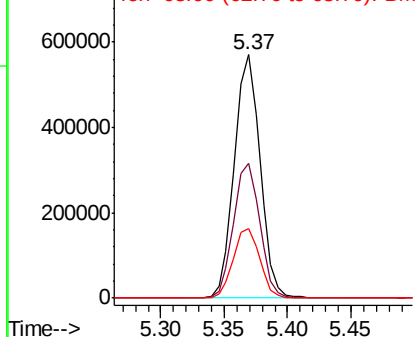


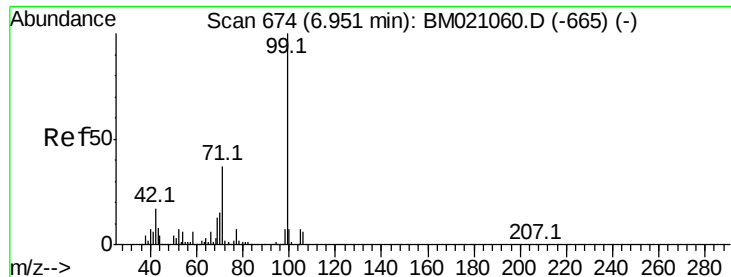
Abundance

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: 33.839 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021082.D

Acq: 21 Jun 2019 14:22

Instrument :

BNA_M

ClientSampleId :

LF017MW003-190610

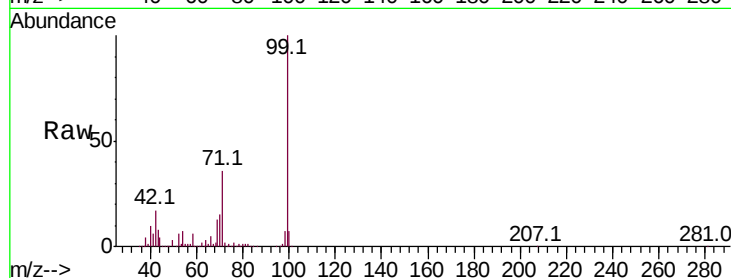
Tot Ion: 99 Resp: 692148

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

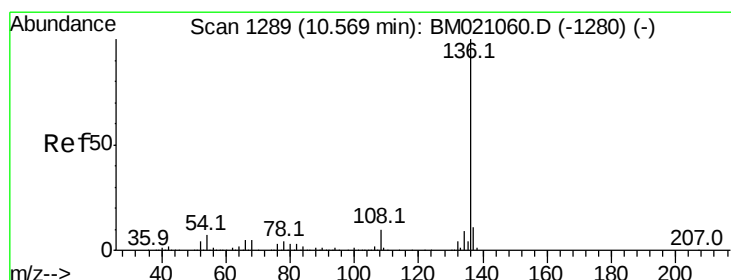
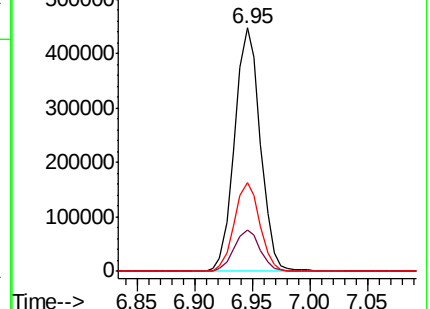
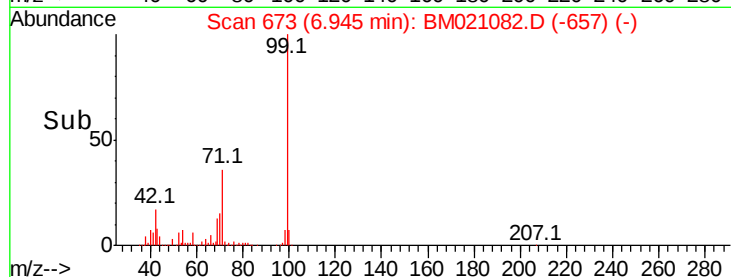
71 36.5 29.3 43.9



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: BM021082.D

Acq: 21 Jun 2019 14:22

Tgt Ion: 136 Resp: 1041891

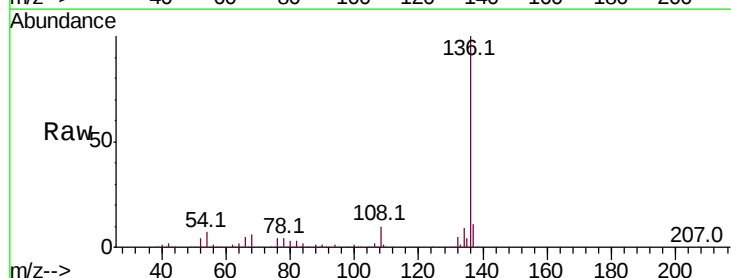
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.6 5.3 7.9

68 5.5 4.4 6.6

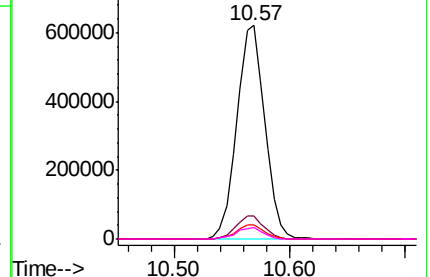
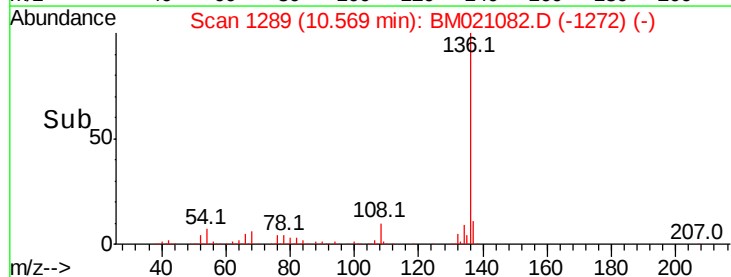


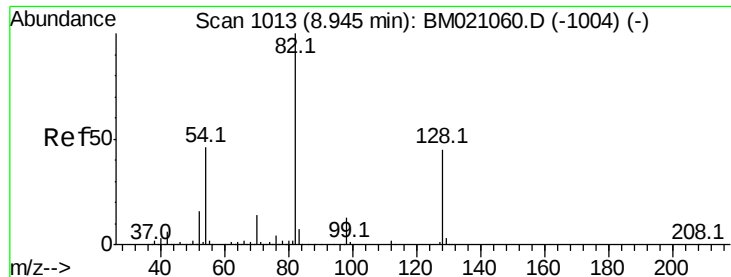
Abundance Ion 136.00 (135.70 to 136.70): BM021060.D (-1280) (-)

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) (-)

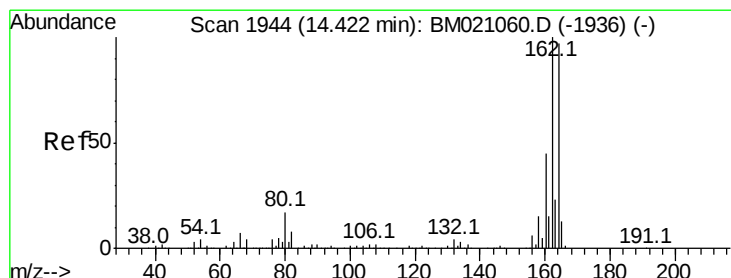
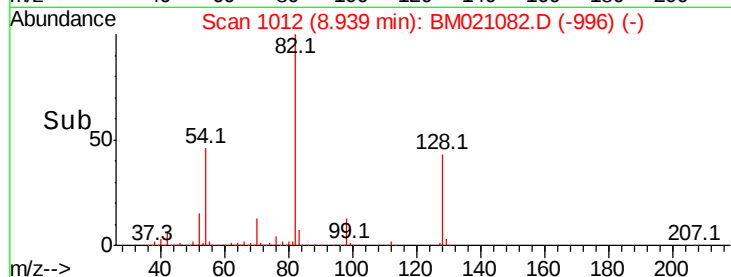
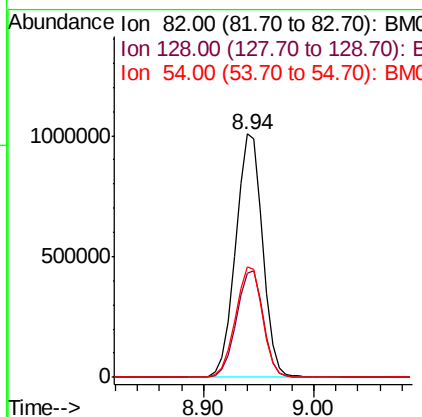
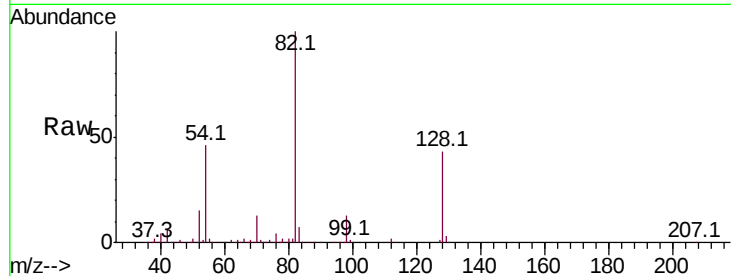




#23
Nitrobenzene-d5
Concen: 86.410 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

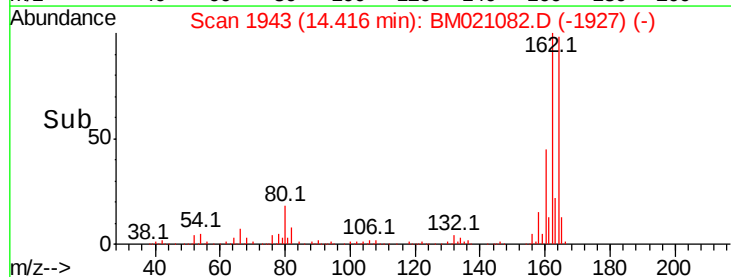
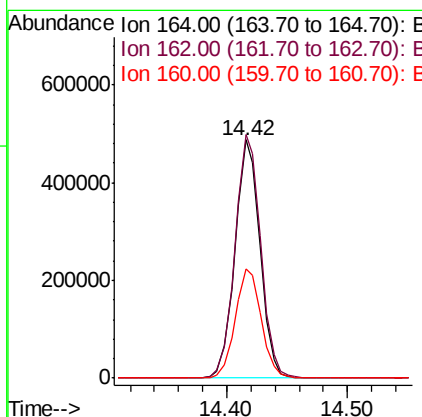
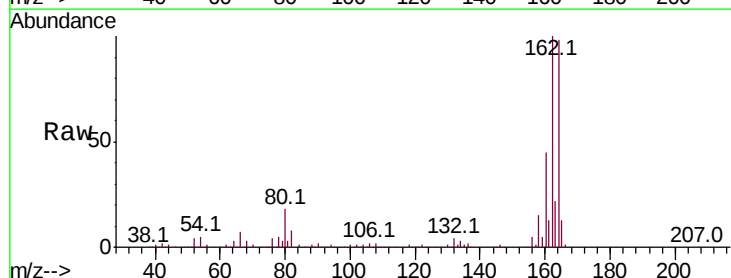
Instrument :
BNA_M
ClientSampleId :
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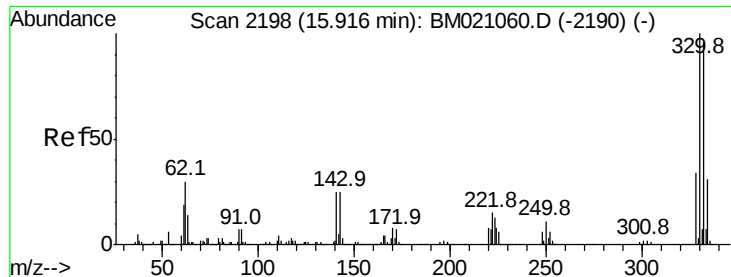
Tot Ion: 82 Resp: 1727472
Ion Ratio Lower Upper
82 100
128 43.0 35.9 53.9
54 45.6 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:164 Resp: 703617
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 46.0 37.1 55.7

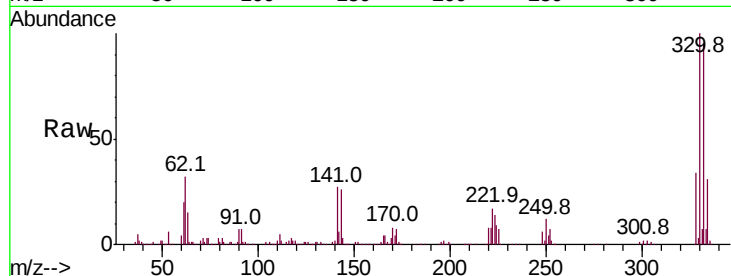




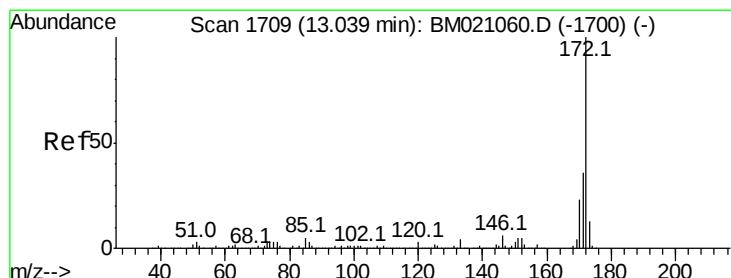
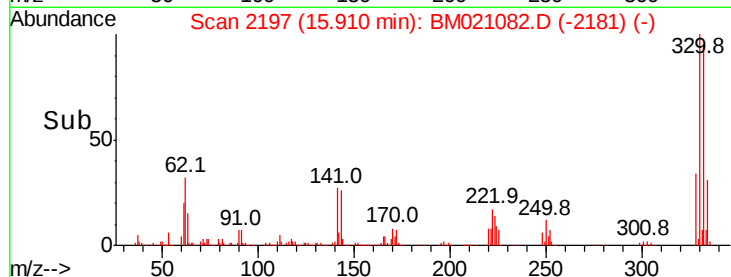
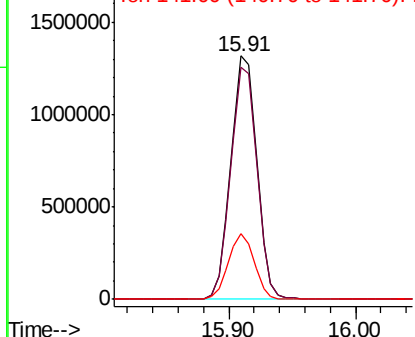
#42
 2,4,6-Tribromophenol
 Concen: 141.948 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM021082.D
 Acq: 21 Jun 2019 14:22

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-190610

Tot Ion:330 Resp: 1874144
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 26.6 21.8 32.8

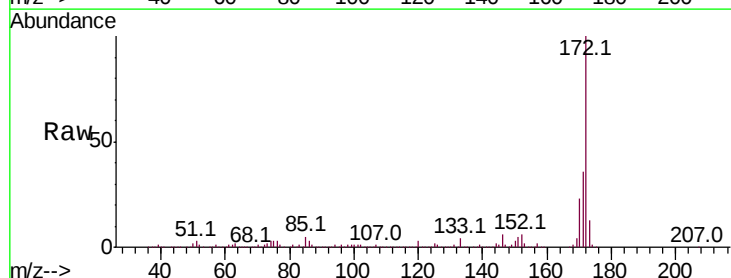


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

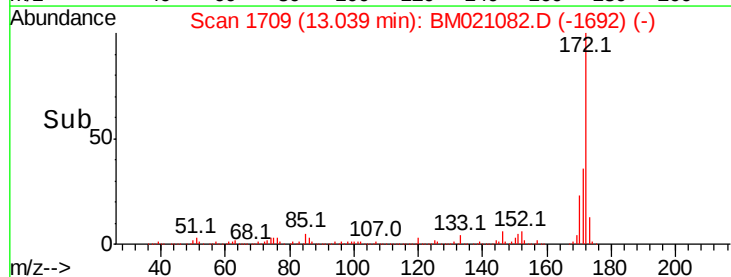
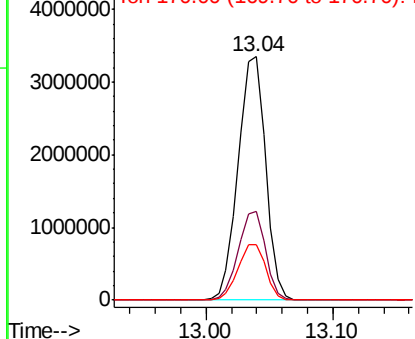


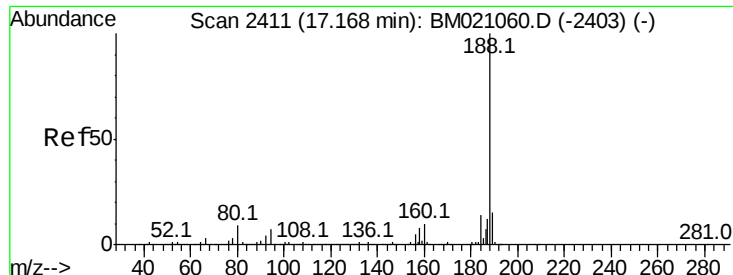
#45
 2-Fluorobiphenyl
 Concen: 88.068 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM021082.D
 Acq: 21 Jun 2019 14:22

Tgt Ion:172 Resp: 5041989
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.0 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

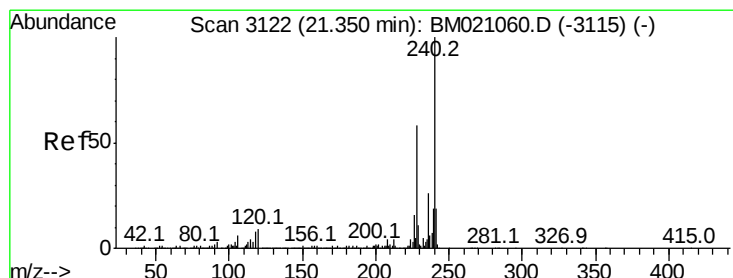
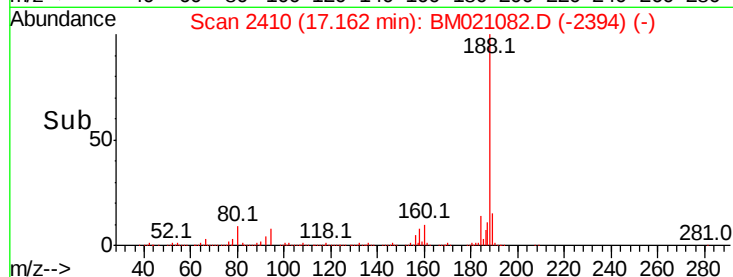
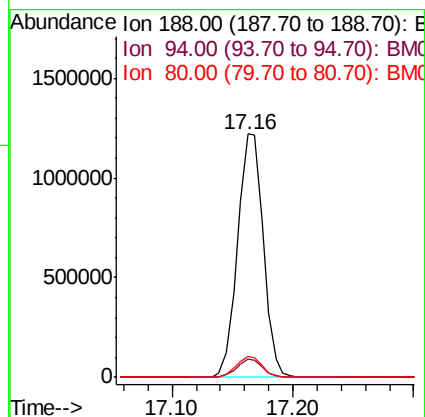
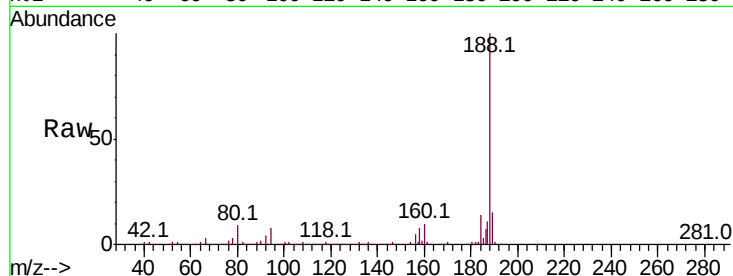




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

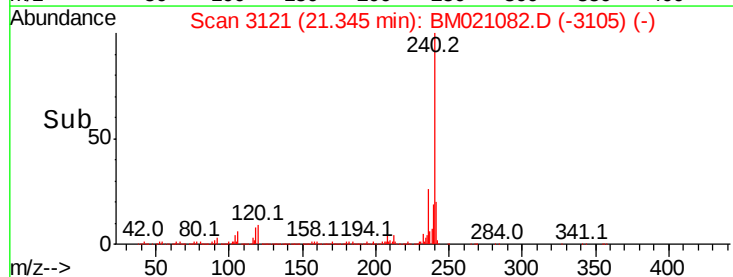
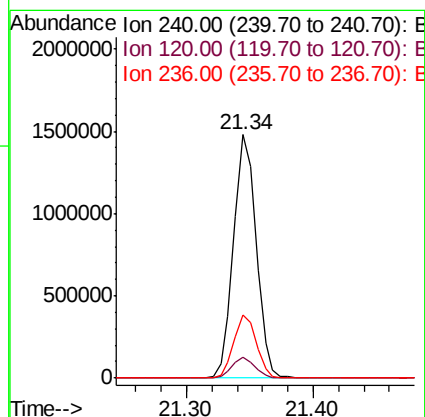
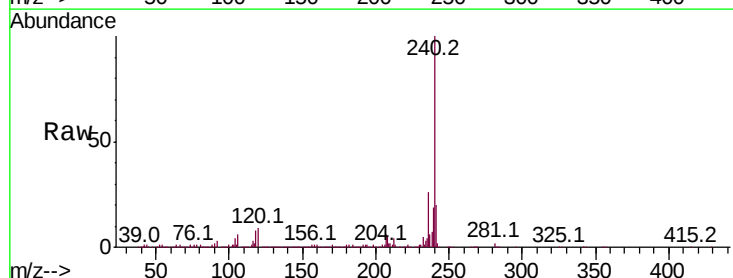
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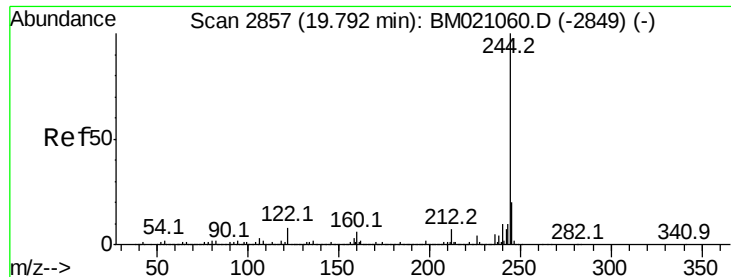
Tot Ion:188 Resp: 1817668
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.8
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:240 Resp: 1832315
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 97.296 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021082.D

Acq: 21 Jun 2019 14:22

Instrument :

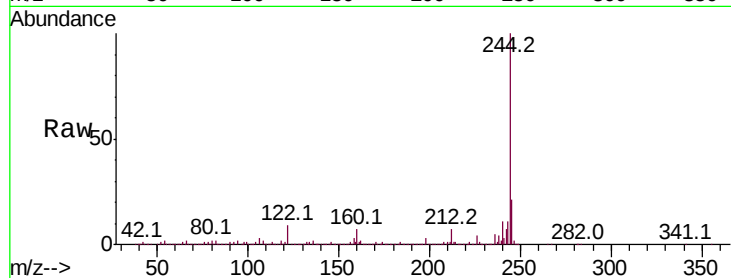
BNA_M

ClientSampleId :

LF017MW003-190610

Tot Ion:244 Resp: 9545139

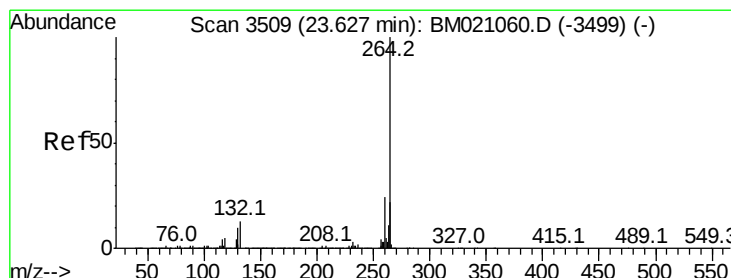
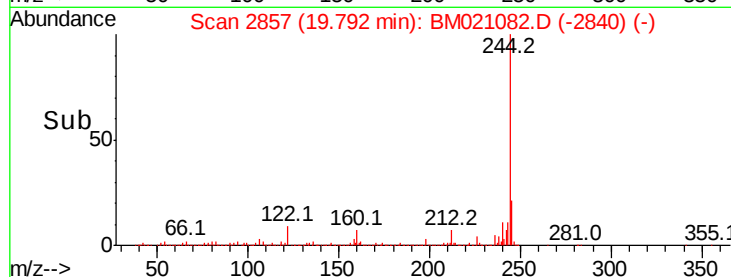
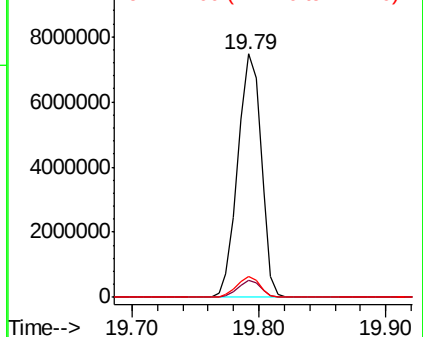
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.3	7.9
122	8.7	6.6	9.8



Abundance Ion 244.00 (243.70 to 244.70): E

1e+07 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: 23.62 min Scan# 3508

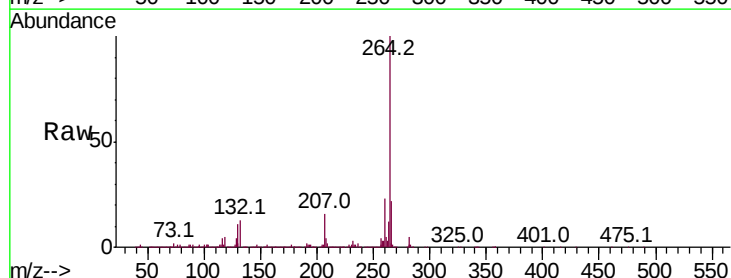
Delta R.T. -0.01 min

Lab File: BM021082.D

Acq: 21 Jun 2019 14:22

Tgt Ion:264 Resp: 1821211

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.2	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

