

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020089.D
 Acq On : 01 May 2019 14:25
 Operator : JU/SJ
 Sample : PB119354BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BL

Quant Time: May 02 01:29:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	90465	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	308305	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	181868	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	417200	20.00	ng	0.00
76) Chrysene-d12	21.36	240	413257	20.00	ng	0.00
87) Perylene-d12	23.65	264	463103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	792144	143.13	ng	0.00
7) Phenol-d6	6.95	99	1070593	141.60	ng	0.00
23) Nitrobenzene-d5	8.96	82	773312	99.03	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	424511	150.38	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1521033	102.90	ng	0.00
79) Terphenyl-d14	19.80	244	2508048	105.86	ng	0.00

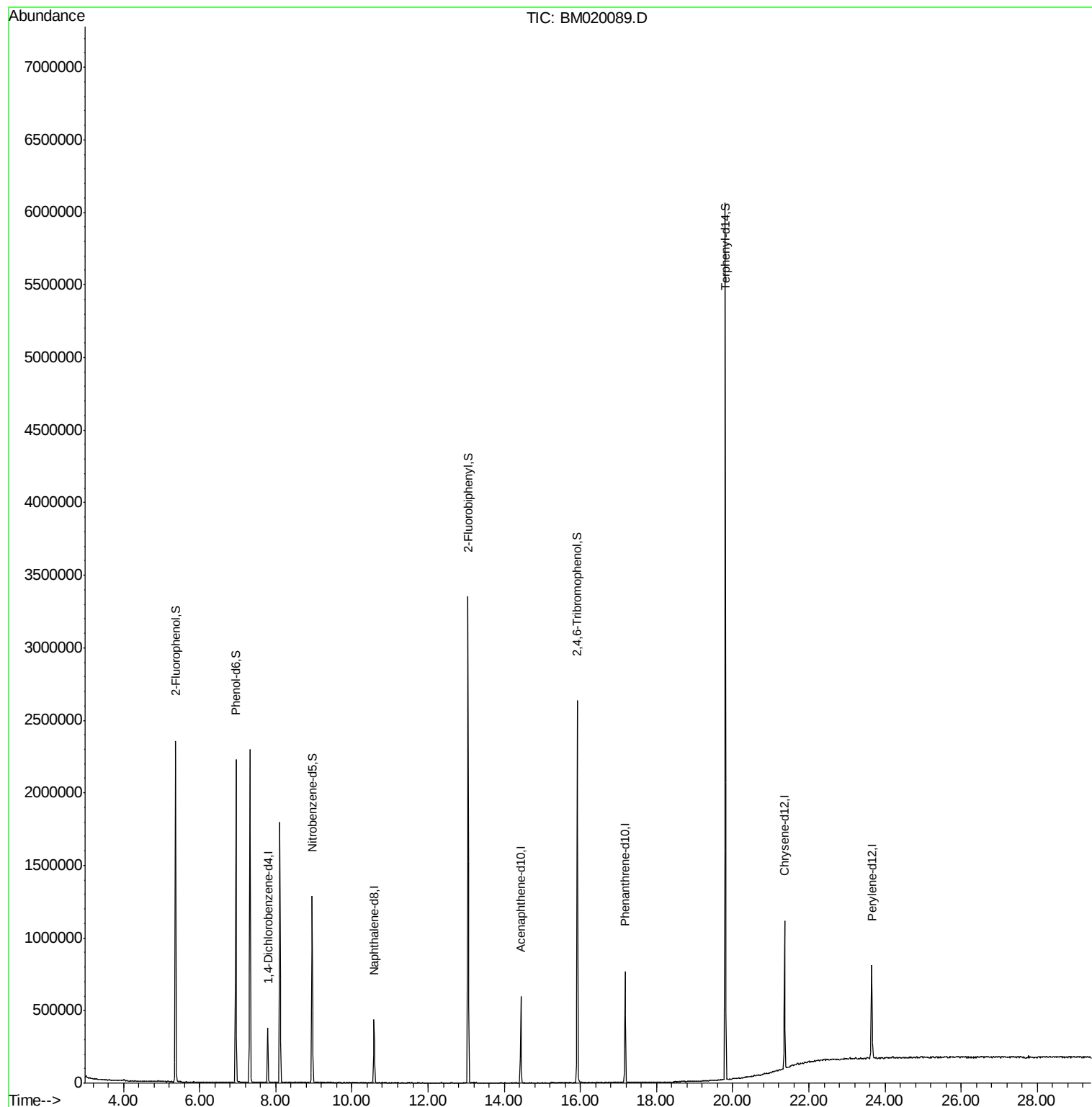
Target Compounds Qvalue

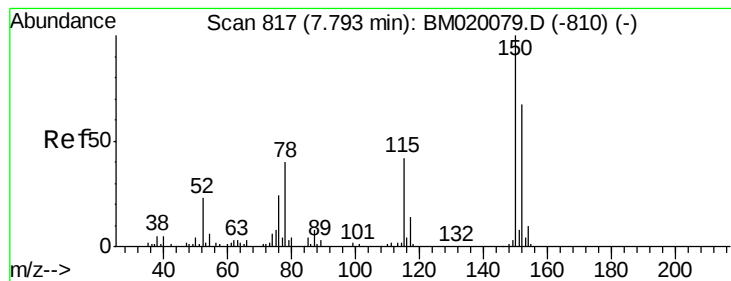
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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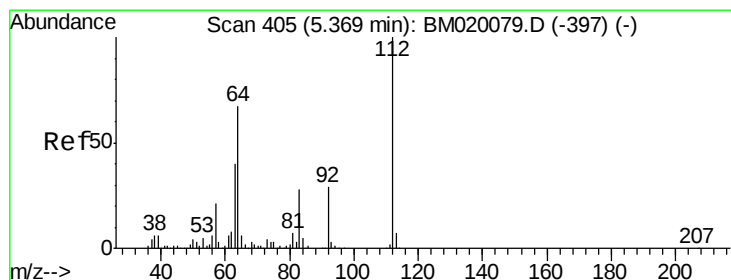
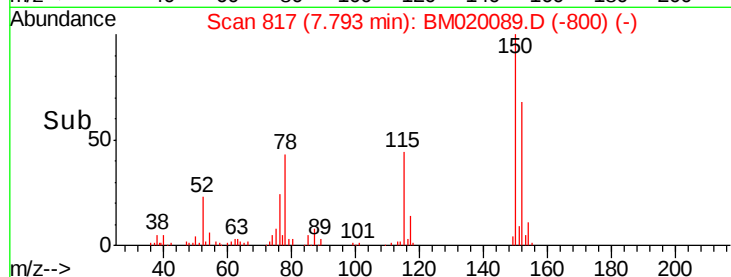
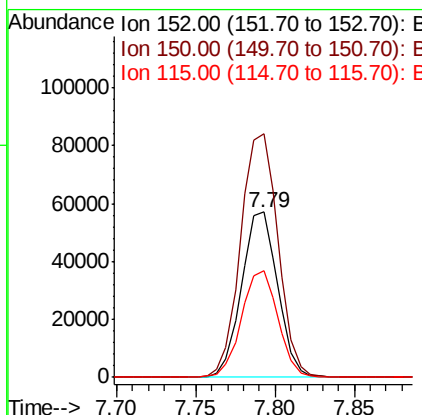
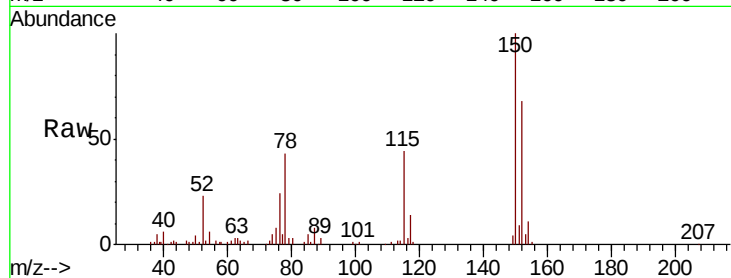


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampled :
PB119354BL

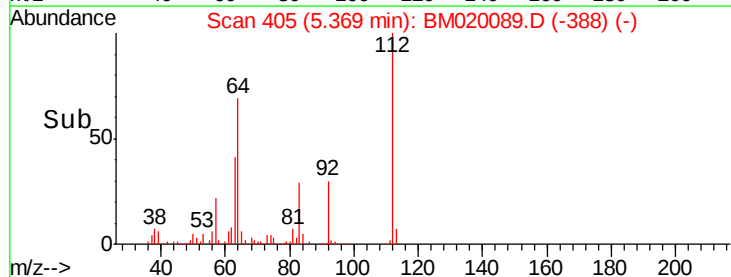
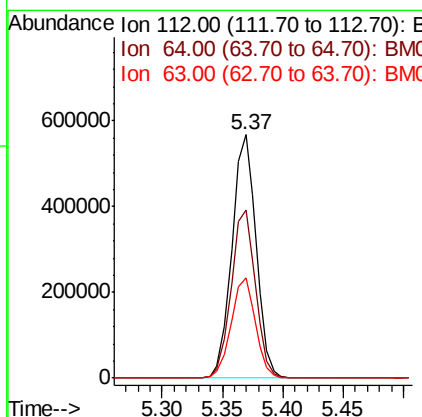
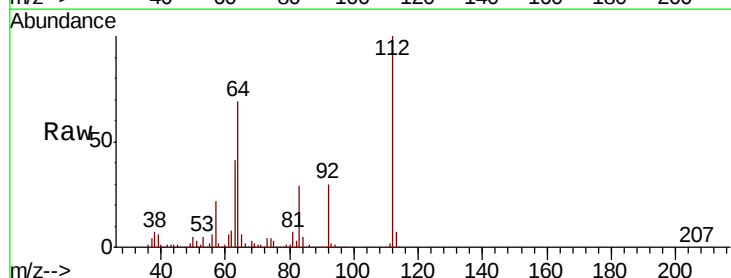
Tot Ion	152	Resp	90465
Ion Ratio	Lower	Upper	
152	100		
150	147.4	119.8	179.8
115	64.9	50.8	76.2



#5

2-Fluorophenol
Concen: 143.131 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion	112	Resp	792144
Ion Ratio	Lower	Upper	
112	100		
64	68.9	53.8	80.6
63	41.0	32.3	48.5





#7

Phenol-d6

Concen: 141.598 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020089.D

Acq: 01 May 2019 14:25

Instrument :

BNA_M

ClientSampleId :

PB119354BL

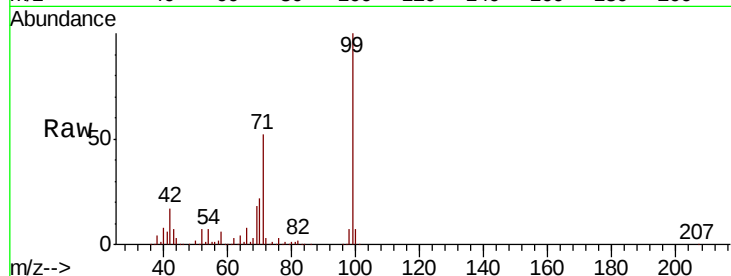
Tot Ion: 99 Resp: 1070593

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

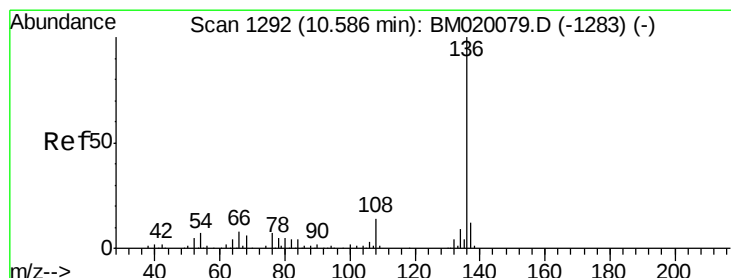
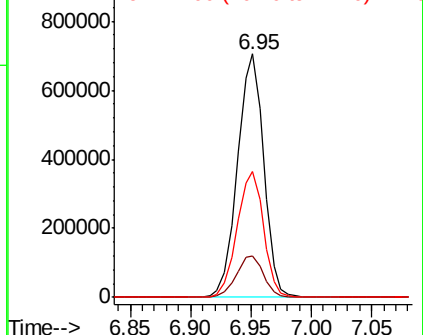
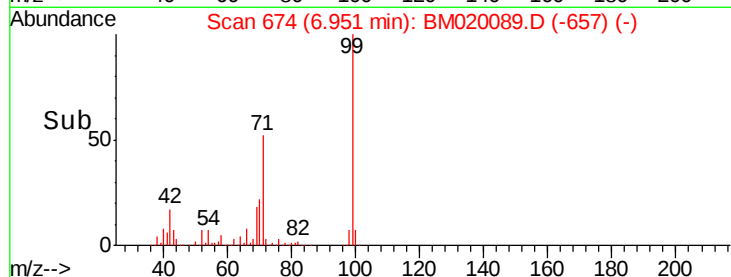
71 51.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020089.D

Acq: 01 May 2019 14:25

Tgt Ion: 136 Resp: 308305

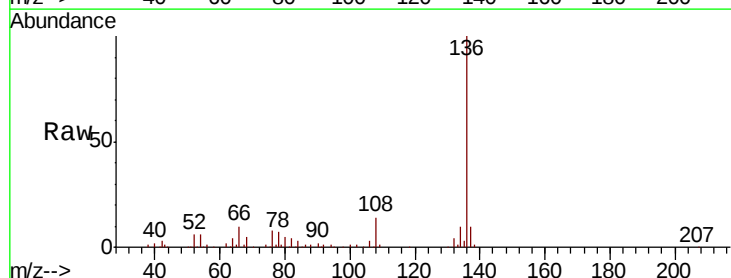
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 5.8 5.5 8.3

68 5.2 4.6 6.8

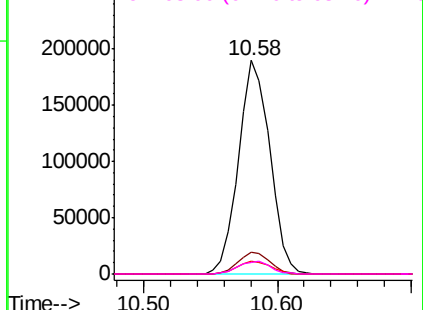
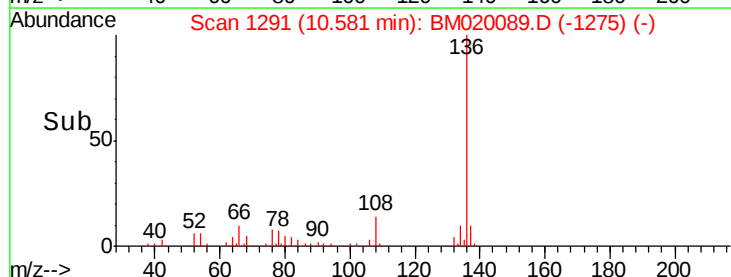


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

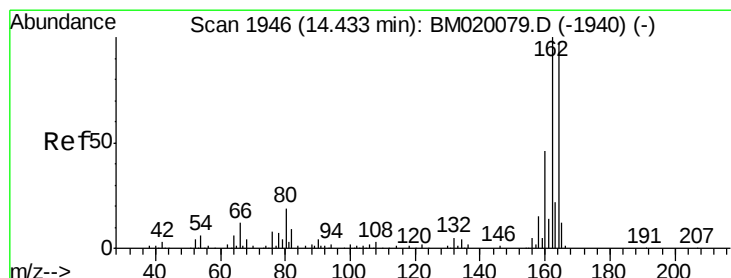
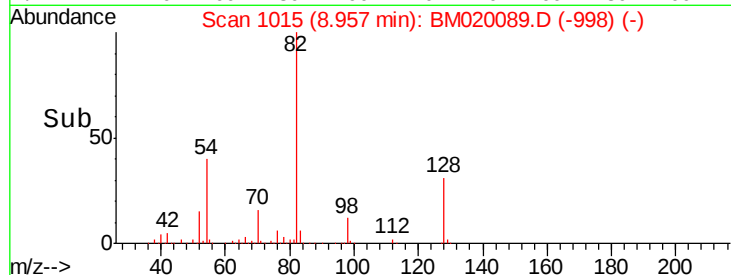
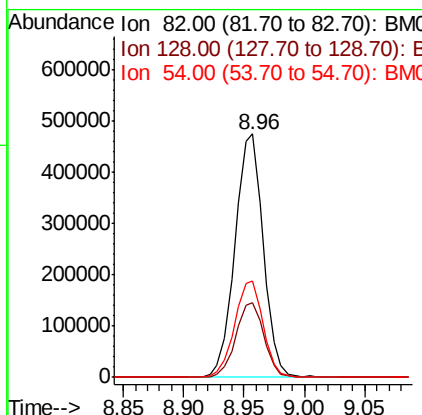
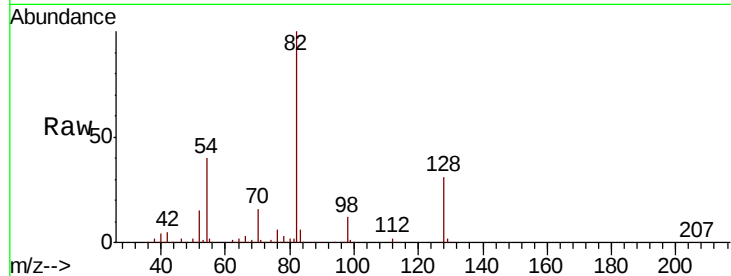




#23
Nitrobenzene-d5
Concen: 99.027 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

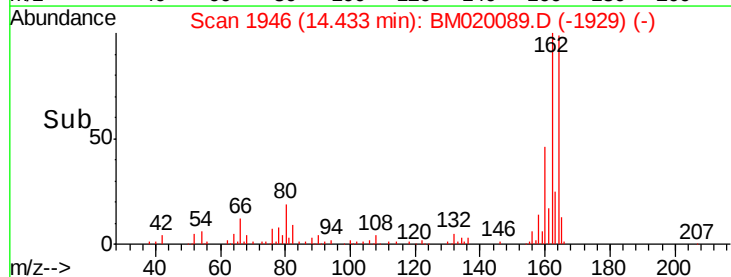
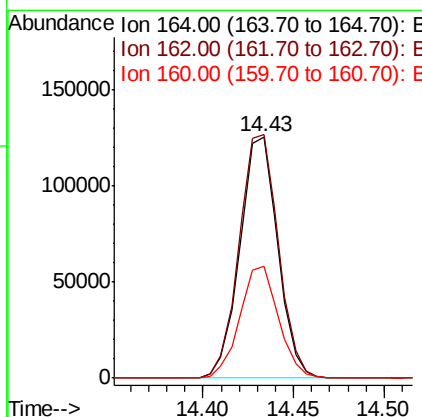
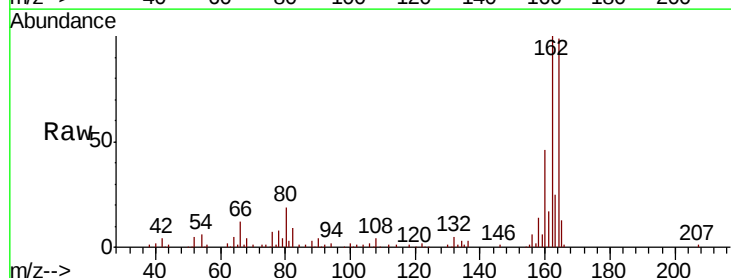
Instrument :
BNA_M
ClientSampleId :
PB119354BL

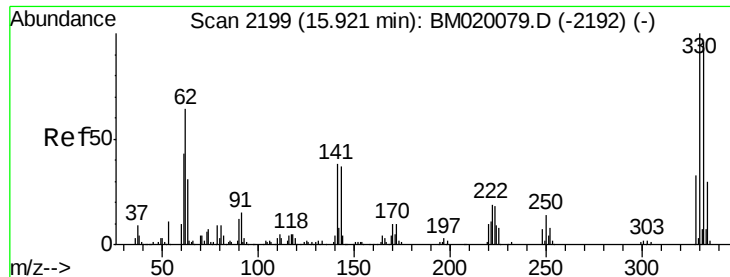
Tot Ion	82	Resp	773312
Ion Ratio	Lower	Upper	
82	100		
128	30.6	25.2	37.8
54	39.8	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion	164	Resp	181868
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.2	123.2
160	46.2	37.6	56.4

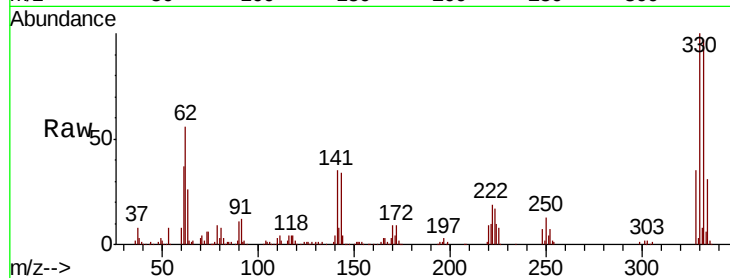




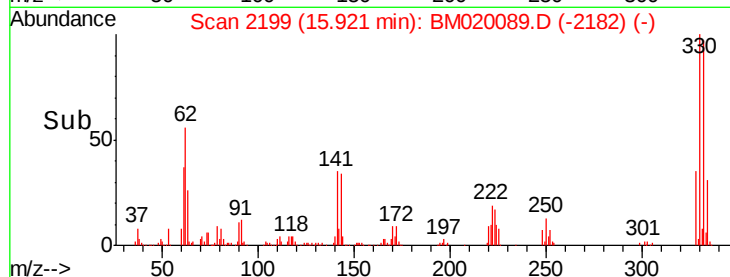
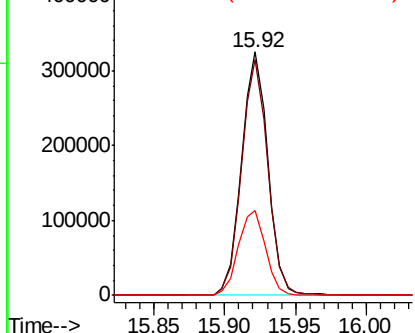
#42
 2,4,6-Tribromophenol
 Concen: 150.379 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BM020089.D
 Acq: 01 May 2019 14:25

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BL

Tot Ion:330 Resp: 424511
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 36.2 29.2 43.8

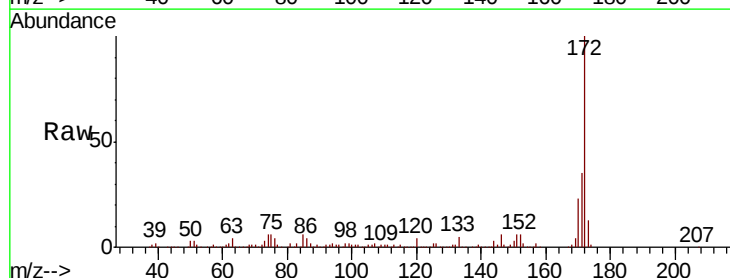


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

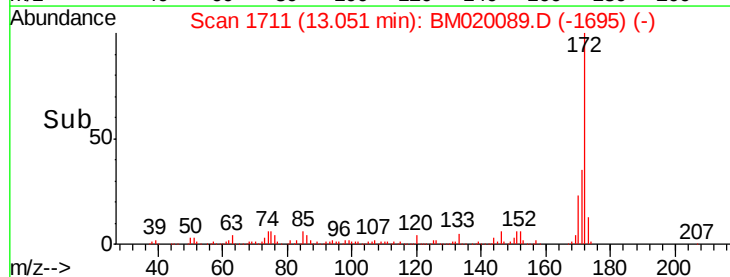
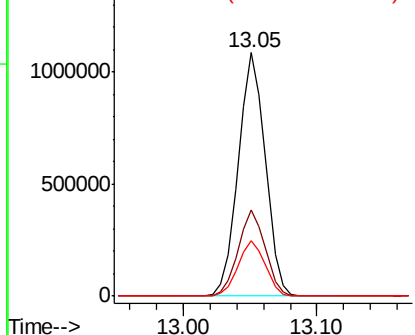


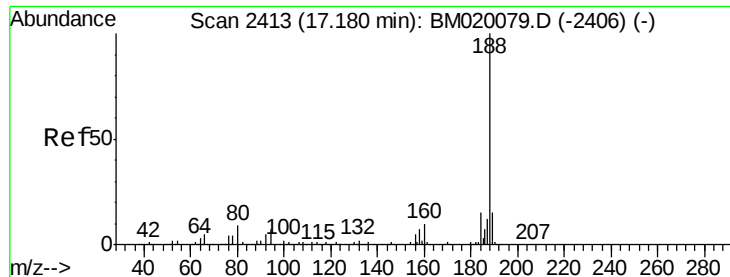
#45
 2-Fluorobiphenyl
 Concen: 102.900 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020089.D
 Acq: 01 May 2019 14:25

Tgt Ion:172 Resp: 1521033
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.3 40.9
 170 22.6 17.9 26.9



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: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020089.D

Acq: 01 May 2019 14:25

Instrument :

BNA_M

ClientSampleId :

PB119354BL

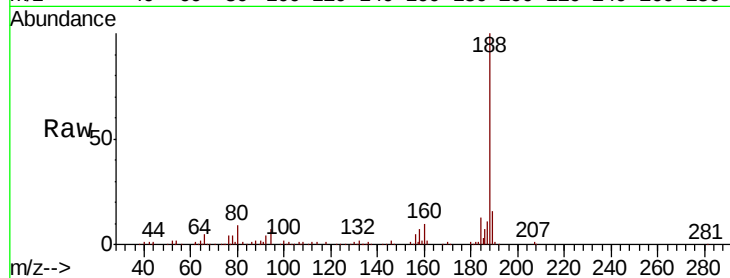
Tot Ion:188 Resp: 417200

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

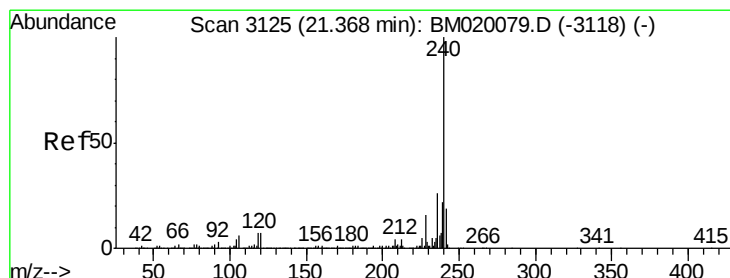
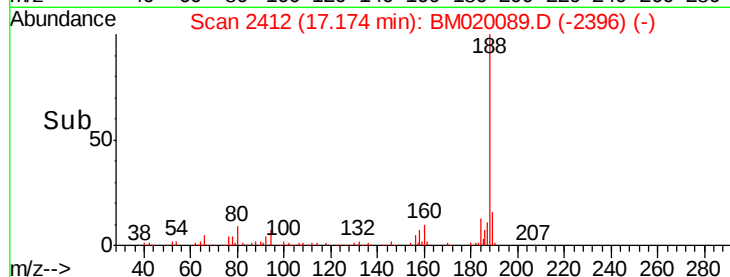
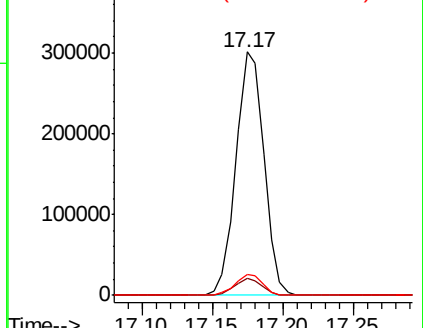
80 8.8 7.4 11.2



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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020089.D

Acq: 01 May 2019 14:25

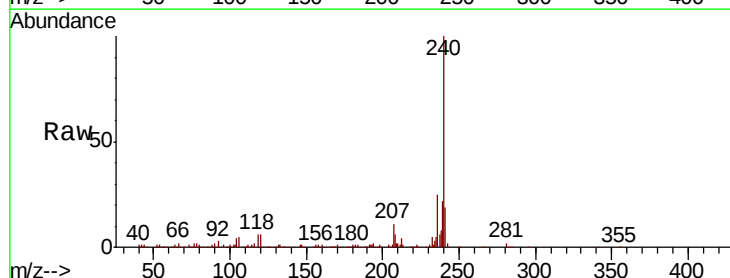
Tgt Ion:240 Resp: 413257

Ion Ratio Lower Upper

240 100

120 6.1 5.6 8.4

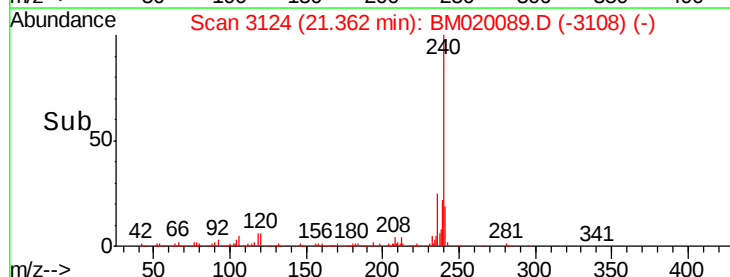
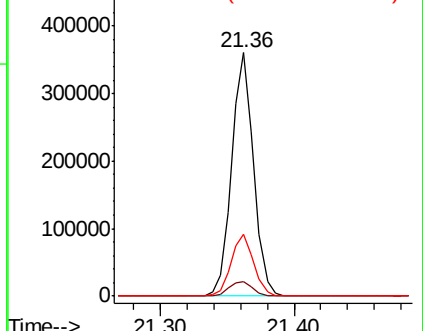
236 25.5 20.9 31.3

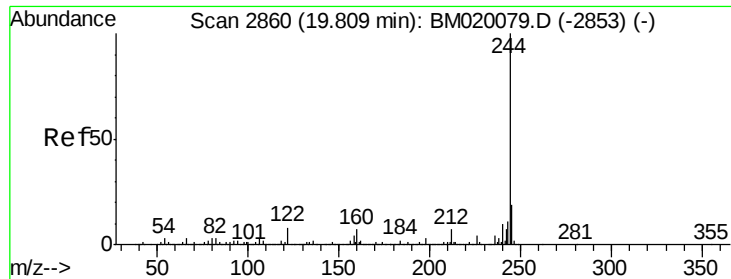


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.856 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020089.D

Acq: 01 May 2019 14:25

Instrument :

BNA_M

ClientSampleId :

PB119354BL

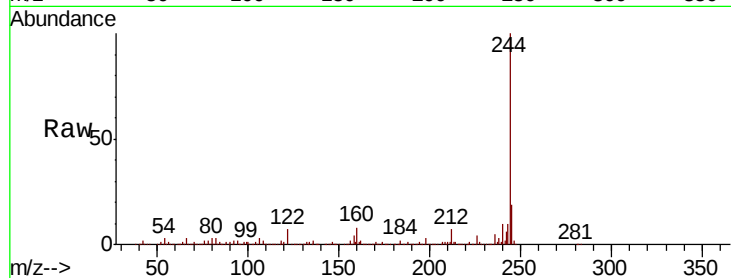
Tot Ion:244 Resp: 2508048

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

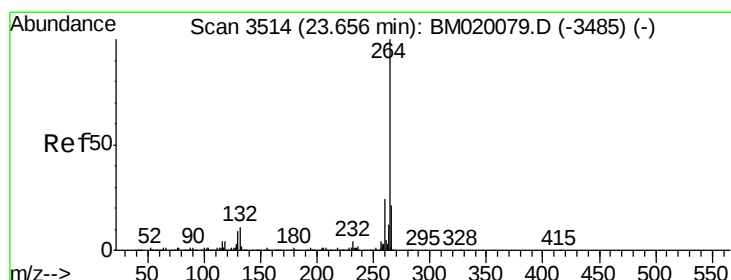
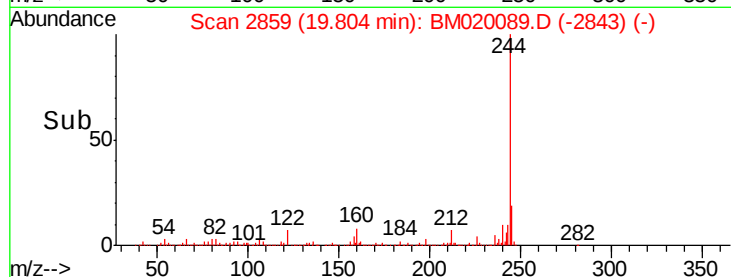
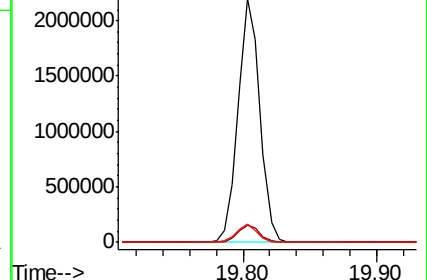
122 7.4 6.2 9.2



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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020089.D

Acq: 01 May 2019 14:25

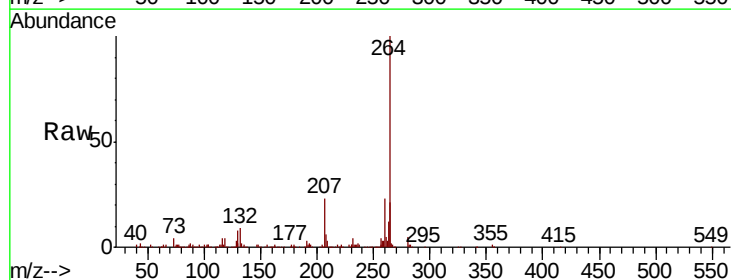
Tgt Ion:264 Resp: 463103

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.3 16.9 25.3



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

