

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020213.D
 Acq On : 09 May 2019 12:39
 Operator : JU/SJ
 Sample : PB119288BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BL

Quant Time: May 09 16:17:01 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	7.77	152	108317	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	365844	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	218872	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	506502	20.00	ng	0.00
76) Chrysene-d12	21.36	240	511067	20.00	ng	-0.01
87) Perylene-d12	23.64	264	598443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	947246	142.95	ng	0.00
7) Phenol-d6	6.95	99	1262429	139.45	ng	0.00
23) Nitrobenzene-d5	8.95	82	882199	95.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	527523	155.28	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1752299	98.50	ng	-0.02
79) Terphenyl-d14	19.80	244	2885563	98.48	ng	-0.01

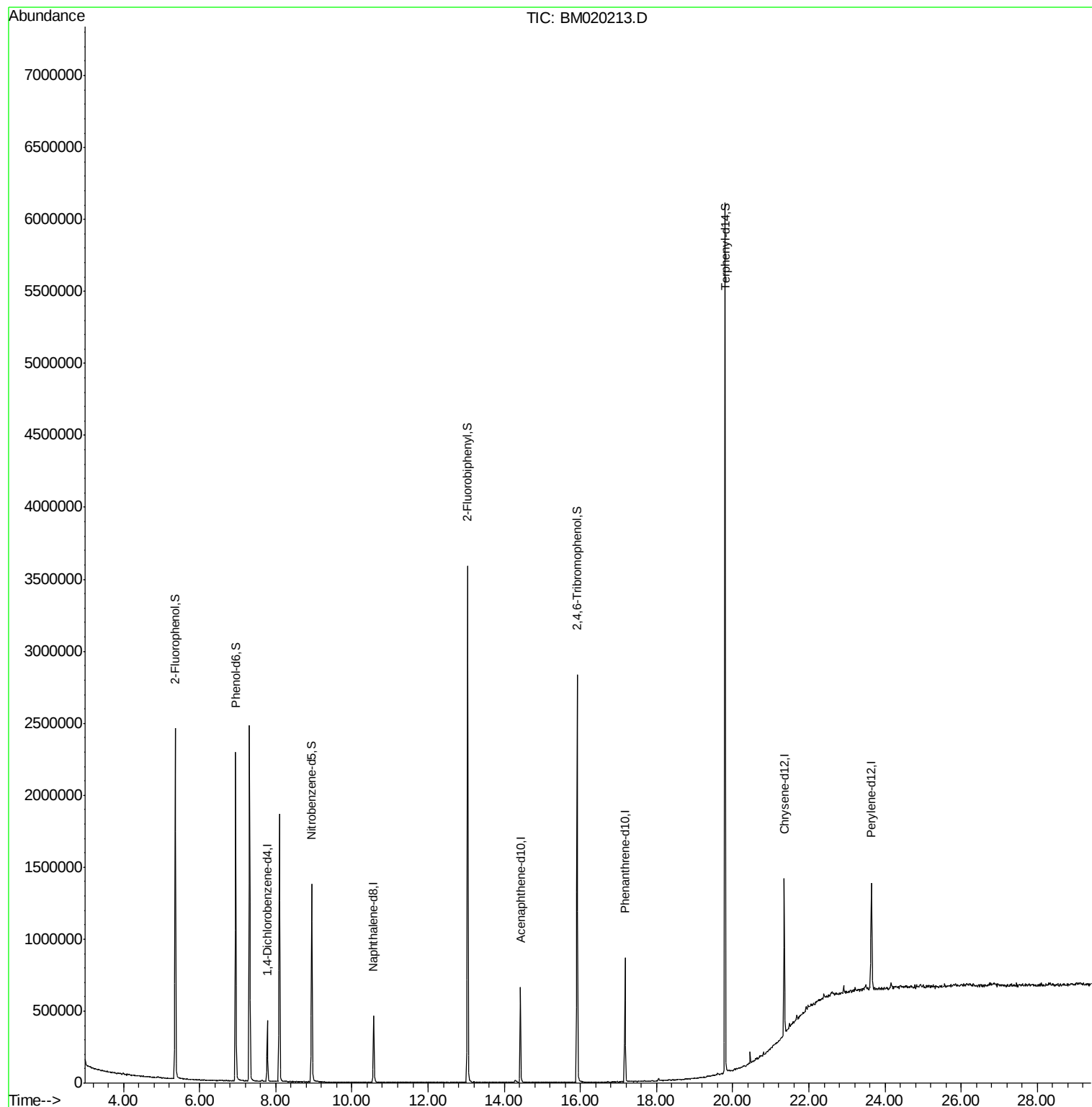
Target Compounds Qvalue

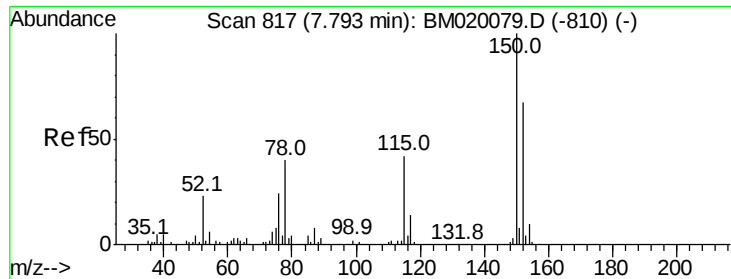
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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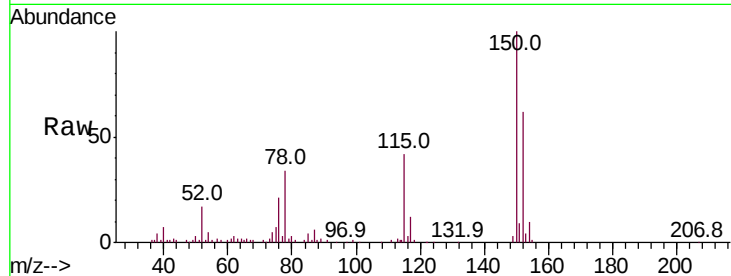


#1

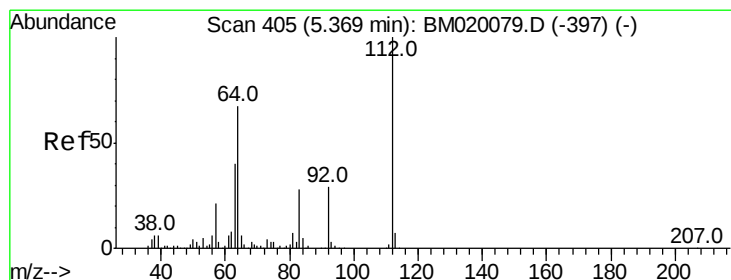
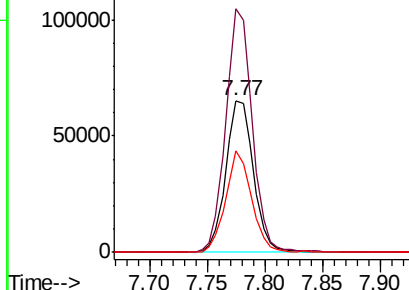
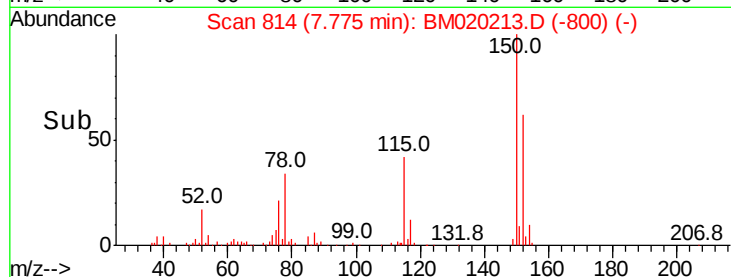
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020213.D
Acq: 09 May 2019 12:39

Instrument :
BNA_M
ClientSampleId :
PB119288BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	119.8	179.8
115	66.5	50.8	76.2



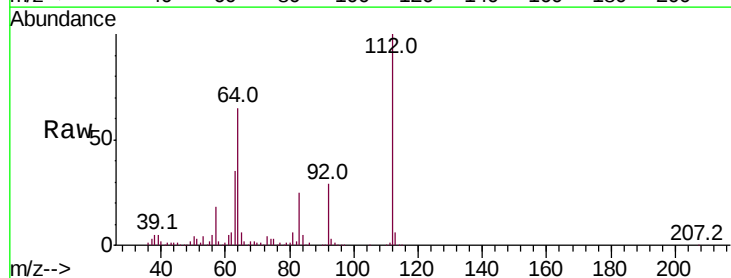
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



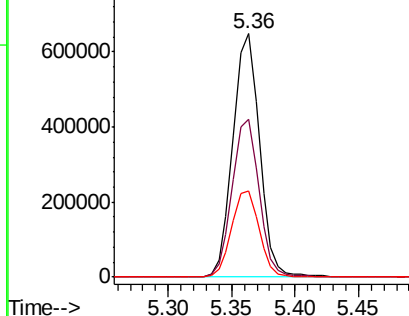
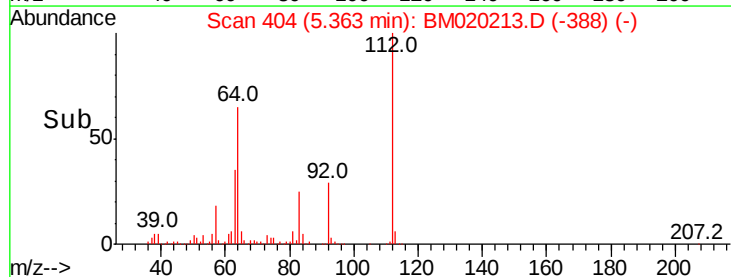
#5

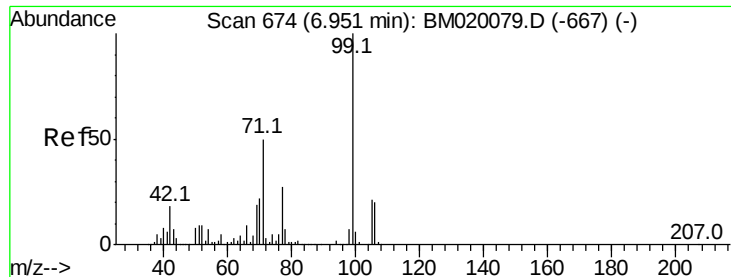
2-Fluorophenol
Concen: 142.947 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020213.D
Acq: 09 May 2019 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.8	80.6
63	35.2	32.3	48.5



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: 139.452 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020213.D

Acq: 09 May 2019 12:39

Instrument :

BNA_M

ClientSampleId :

PB119288BL

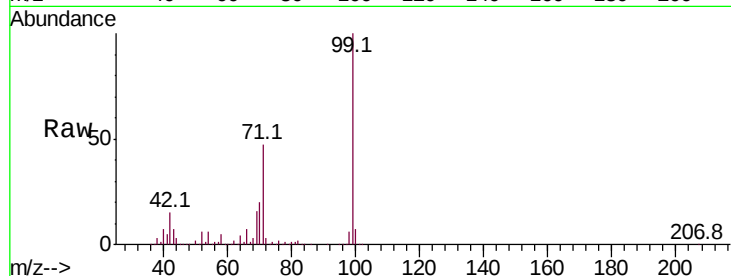
Tot Ion: 99 Resp: 1262429

Ion Ratio Lower Upper

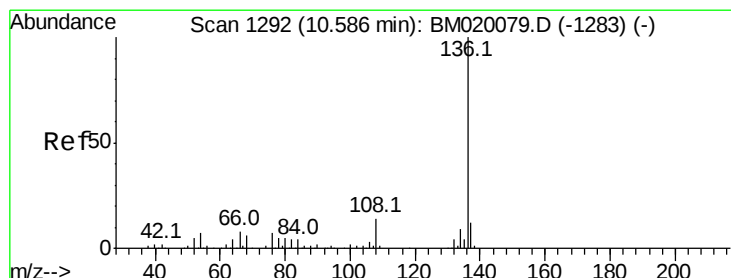
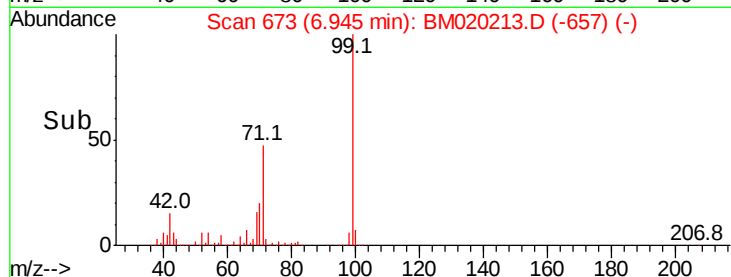
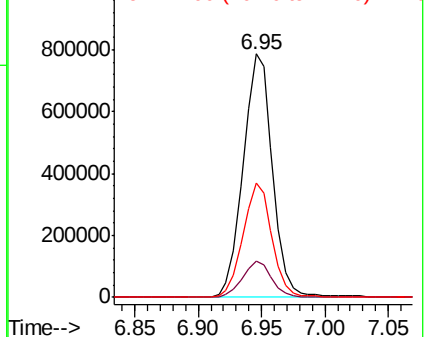
99 100

42 15.0 14.2 21.2

71 46.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020213.D

Acq: 09 May 2019 12:39

Tgt Ion:136 Resp: 365844

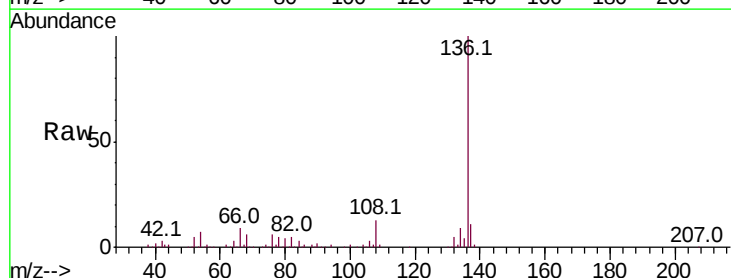
Ion Ratio Lower Upper

136 100

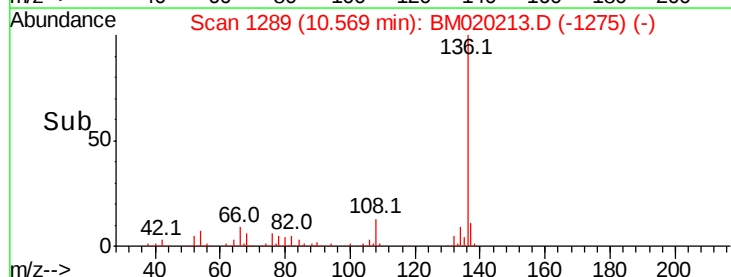
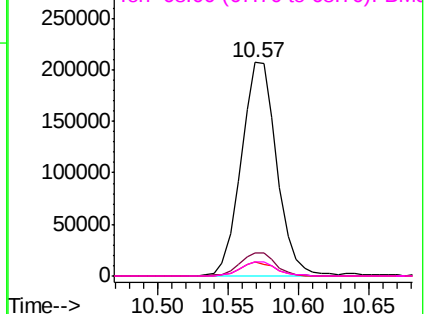
137 10.5 9.6 14.4

54 6.6 5.5 8.3

68 6.4 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 95.203 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020213.D

Acq: 09 May 2019 12:39

Instrument :

BNA_M

ClientSampleId :

PB119288BL

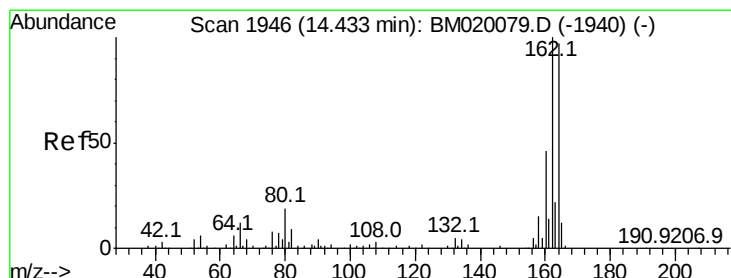
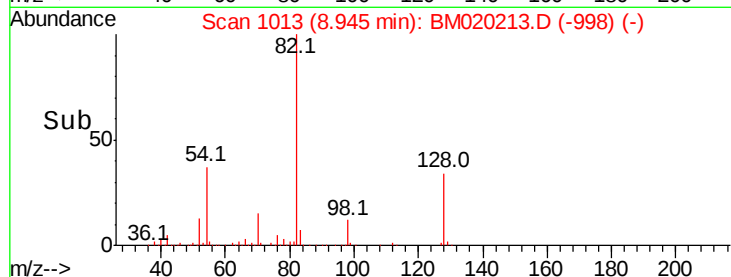
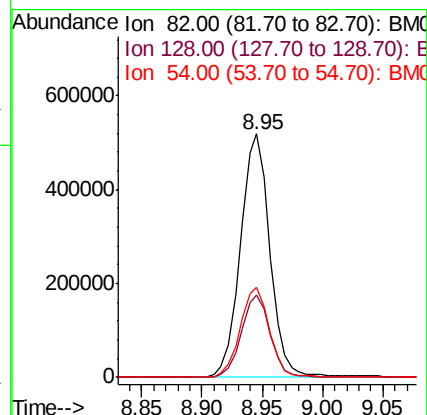
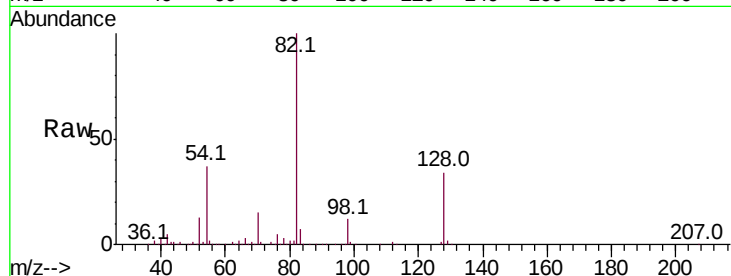
Tot Ion: 82 Resp: 882199

Ion Ratio Lower Upper

82 100

128 34.0 25.2 37.8

54 37.1 31.9 47.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020213.D

Acq: 09 May 2019 12:39

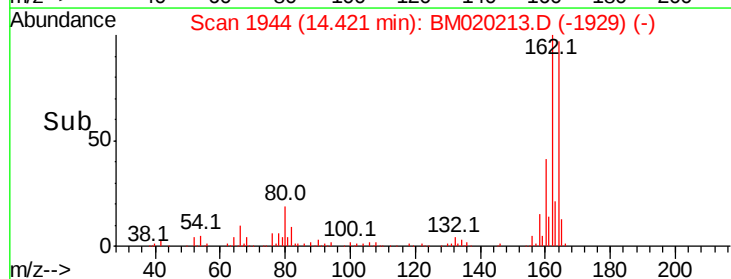
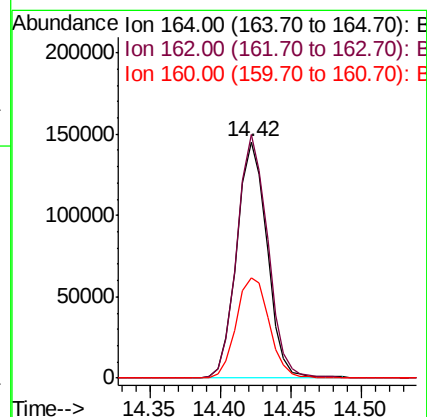
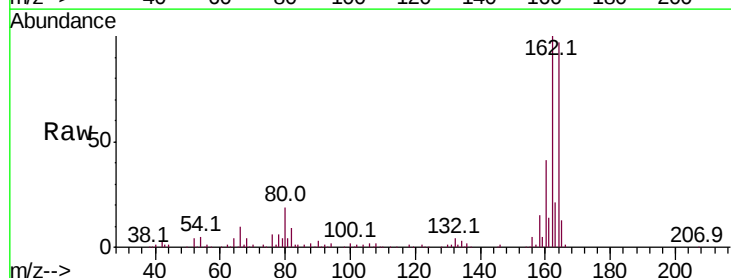
Tgt Ion: 164 Resp: 218872

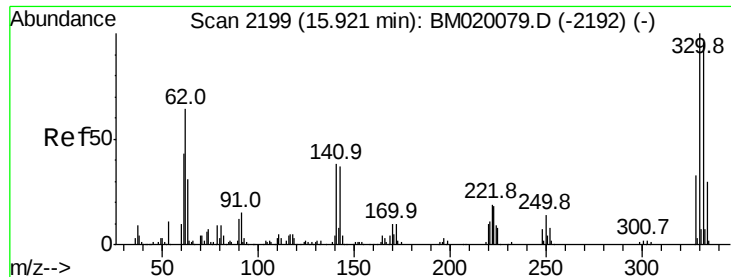
Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.2

160 42.4 37.6 56.4

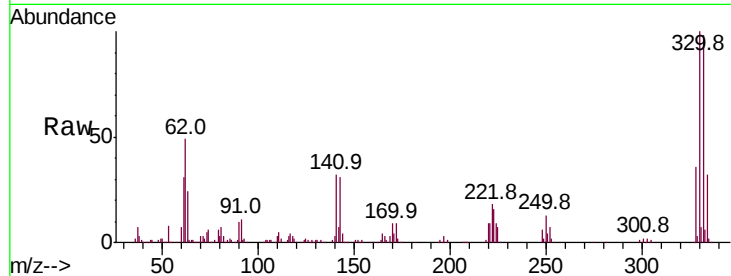




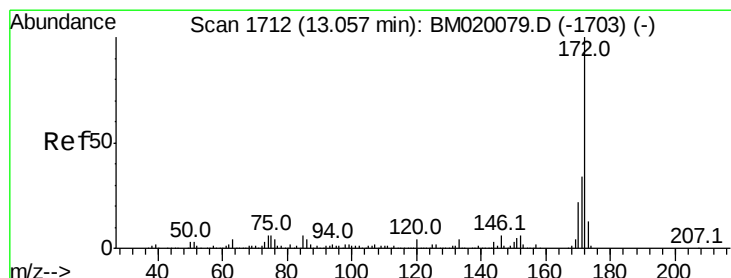
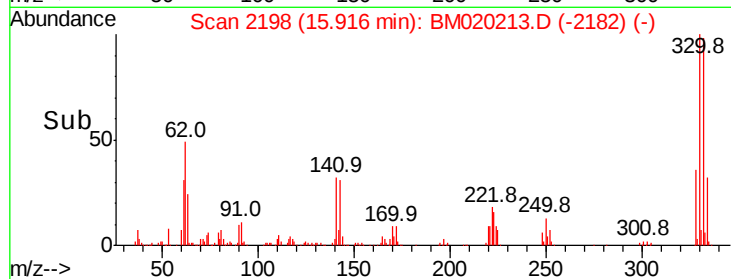
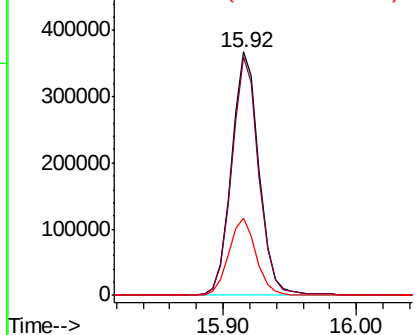
#42
 2,4,6-Tribromophenol
 Concen: 155.277 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020213.D
 Acq: 09 May 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BL

Tot Ion:330 Resp: 527523
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 31.9 29.2 43.8

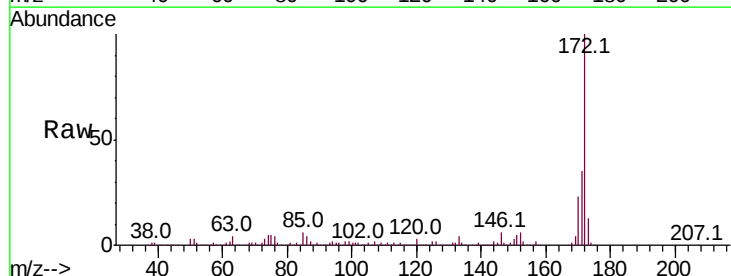


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

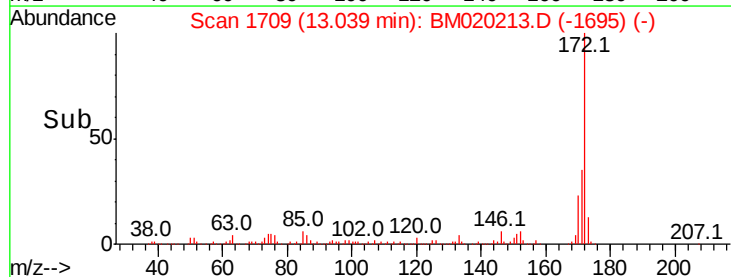
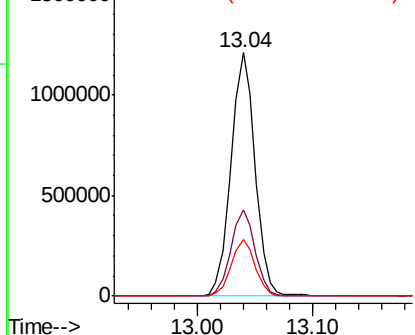


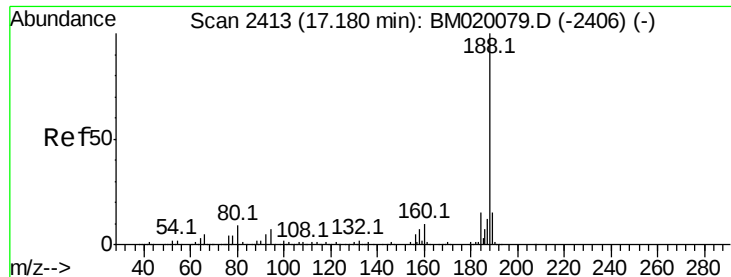
#45
 2-Fluorobiphenyl
 Concen: 98.504 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020213.D
 Acq: 09 May 2019 12:39

Tgt Ion:172 Resp: 1752299
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.3 40.9
 170 23.1 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

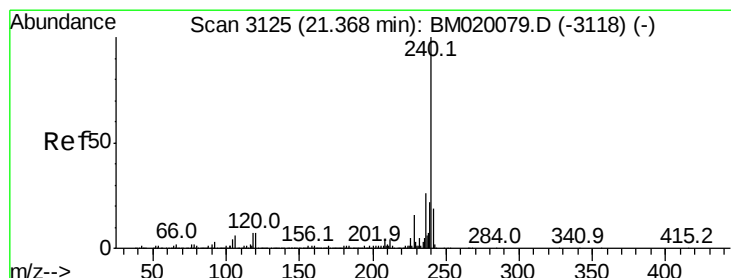
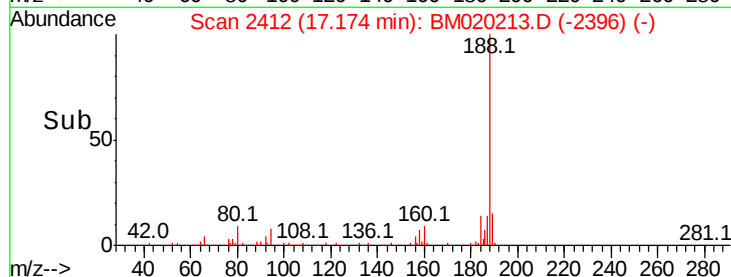
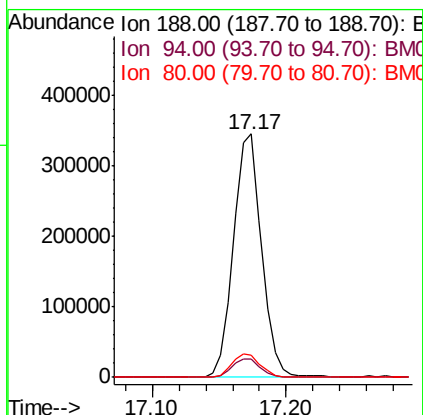
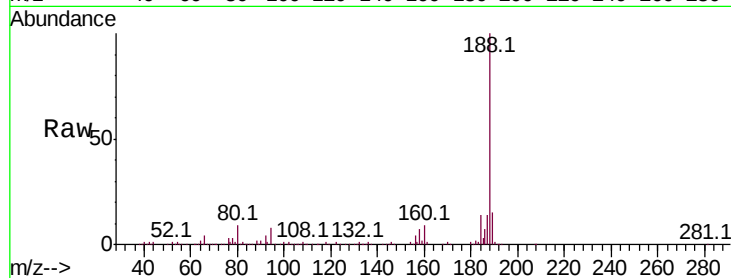




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020213.D
Acq: 09 May 2019 12:39

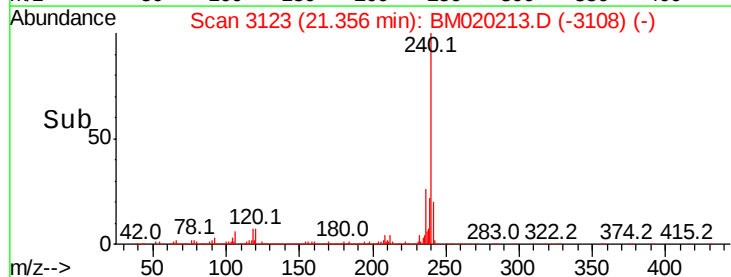
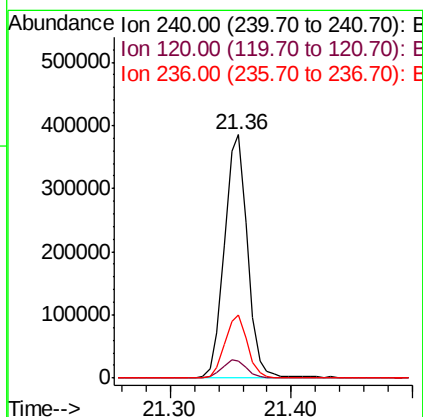
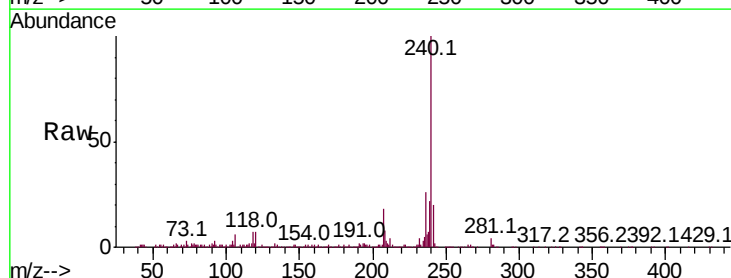
Instrument :
BNA_M
ClientSampleId :
PB119288BL

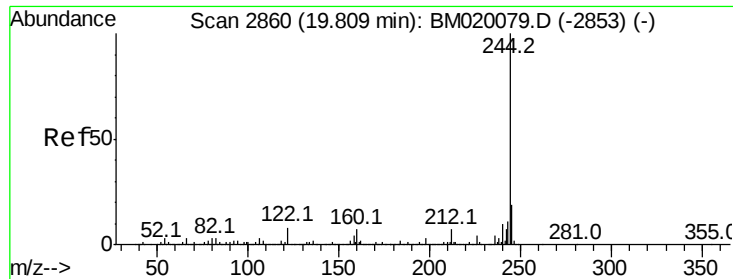
Tot Ion:188 Resp: 506502
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 9.0 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020213.D
Acq: 09 May 2019 12:39

Tgt Ion:240 Resp: 511067
Ion Ratio Lower Upper
240 100
120 6.8 5.6 8.4
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 98.481 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020213.D

Acq: 09 May 2019 12:39

Instrument :

BNA_M

ClientSampleId :

PB119288BL

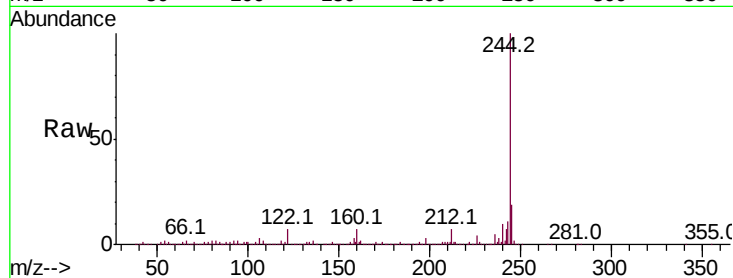
Tot Ion:244 Resp: 2885563

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

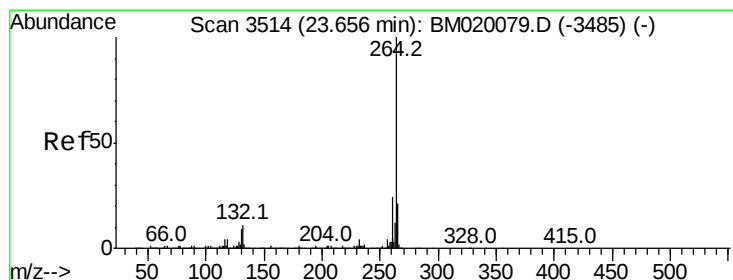
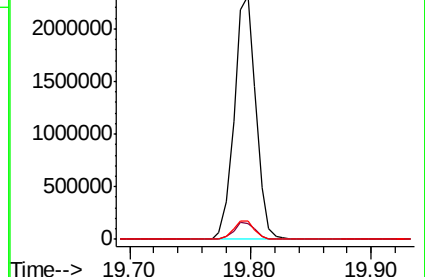
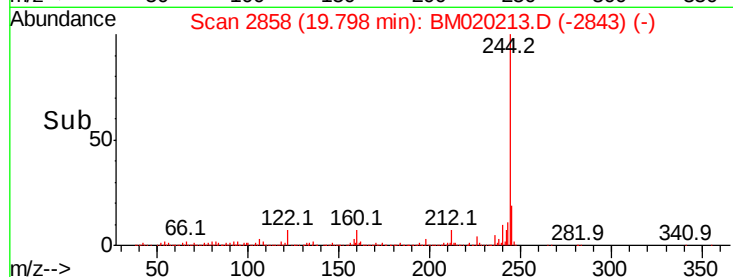
122 7.3 6.2 9.2



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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020213.D

Acq: 09 May 2019 12:39

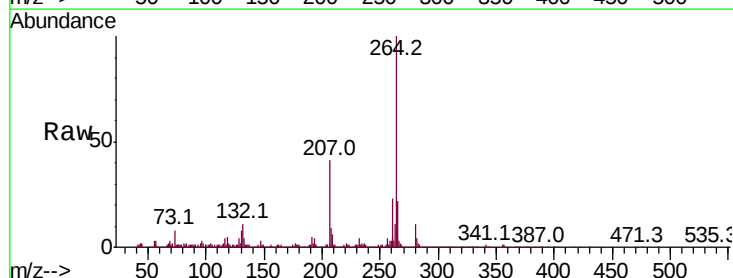
Tgt Ion:264 Resp: 598443

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.3 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

