

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020110.D
 Acq On : 03 May 2019 14:04
 Operator : JU/SJ
 Sample : PB119431BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BL

Quant Time: May 03 23:54:28 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	127264	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	453169	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	269854	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	619344	20.00	ng	0.00
76) Chrysene-d12	21.36	240	530471	20.00	ng	-0.01
87) Perylene-d12	23.64	264	575531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1021880	131.25	ng	0.00
7) Phenol-d6	6.95	99	1407094	132.29	ng	0.00
23) Nitrobenzene-d5	8.95	82	1001723	87.27	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	536732	128.14	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1985856	90.54	ng	0.00
79) Terphenyl-d14	19.80	244	2904601	95.50	ng	-0.01

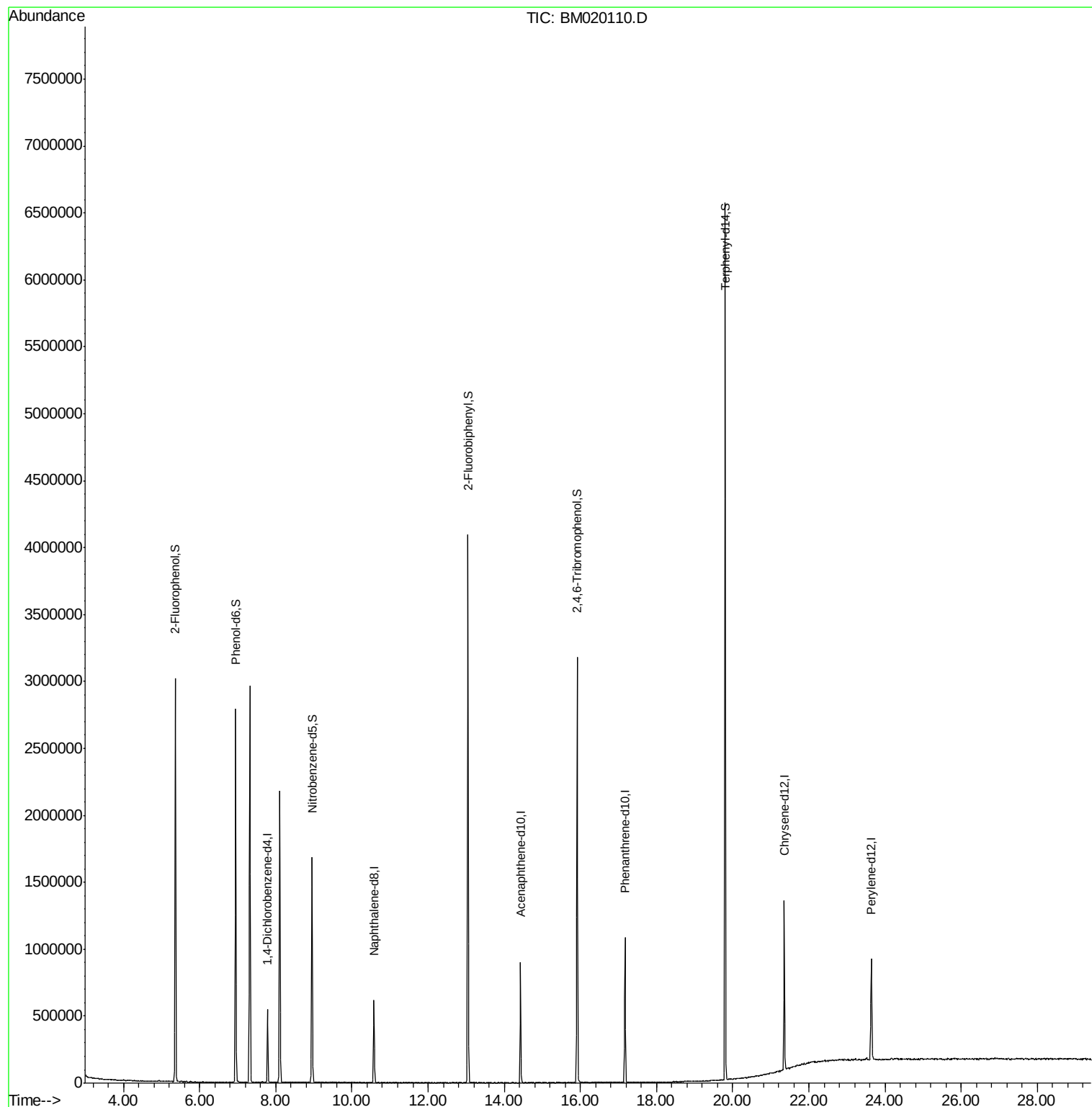
Target Compounds Qvalue

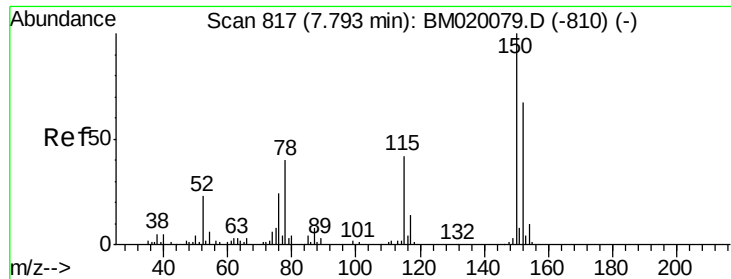
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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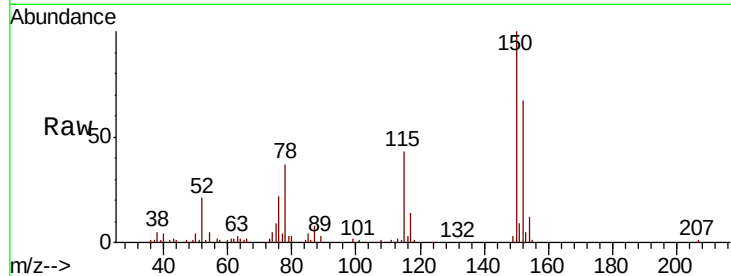


#1

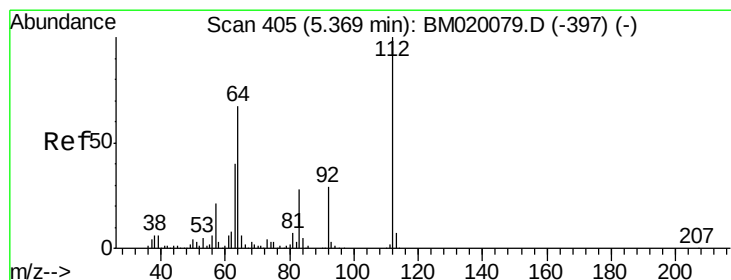
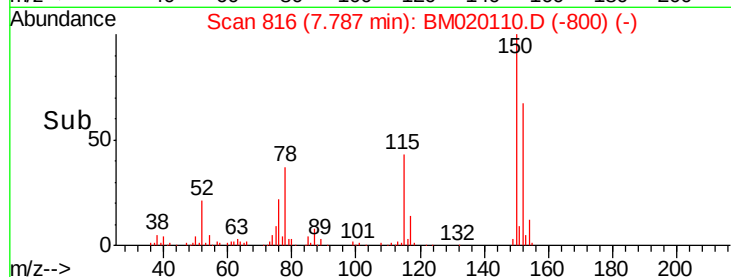
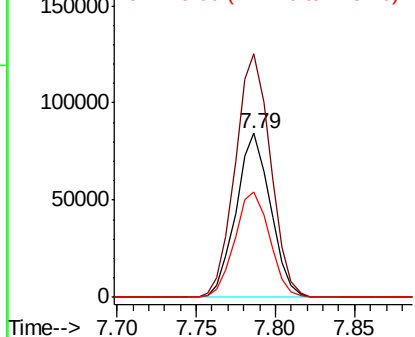
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020110.D
Acq: 03 May 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB119431BL

Tot Ion:152 Resp: 127264
Ion Ratio Lower Upper
152 100
150 148.5 119.8 179.8
115 64.1 50.8 76.2



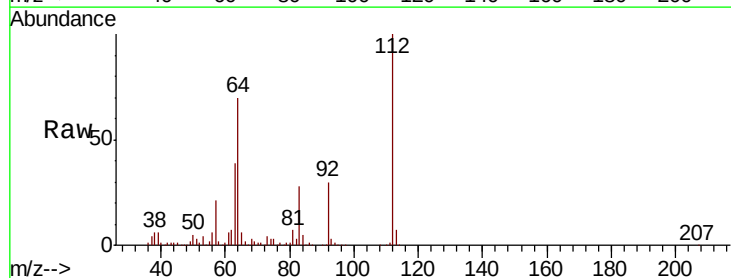
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



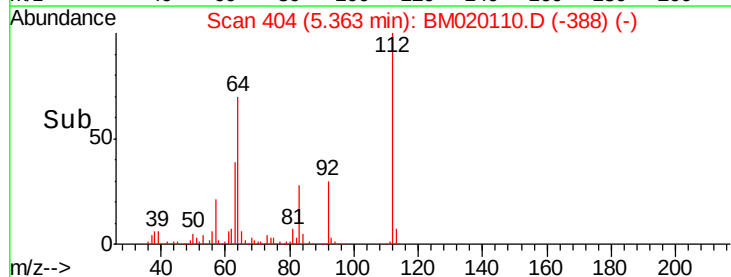
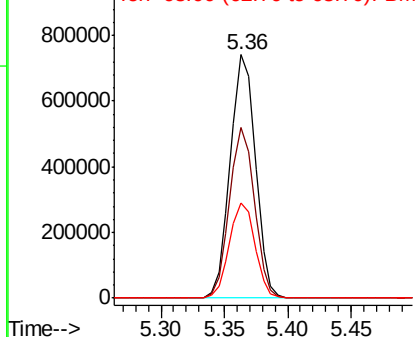
#5

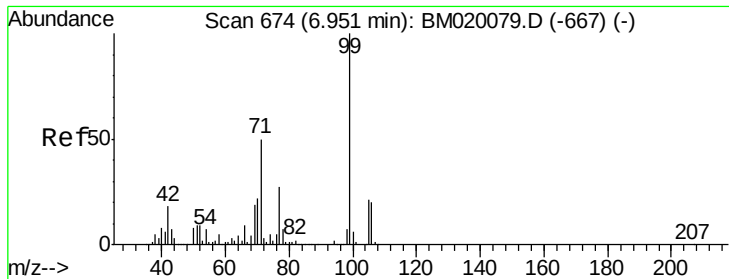
2-Fluorophenol
Concen: 131.251 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020110.D
Acq: 03 May 2019 14:04

Tgt Ion:112 Resp: 1021880
Ion Ratio Lower Upper
112 100
64 70.0 53.8 80.6
63 39.2 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: 132.291 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020110.D

Acq: 03 May 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB119431BL

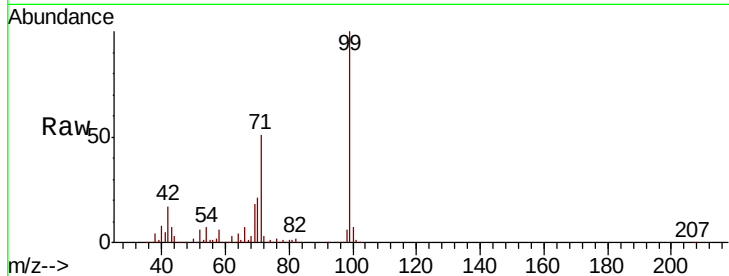
Tot Ion: 99 Resp: 1407094

Ion Ratio Lower Upper

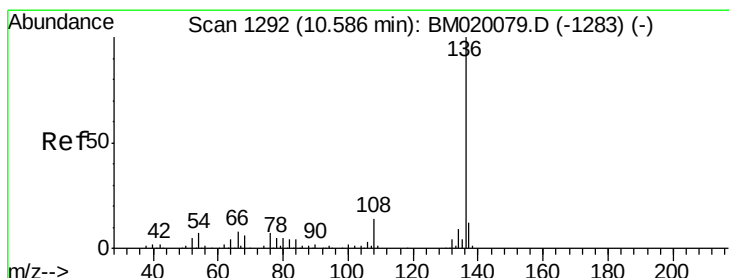
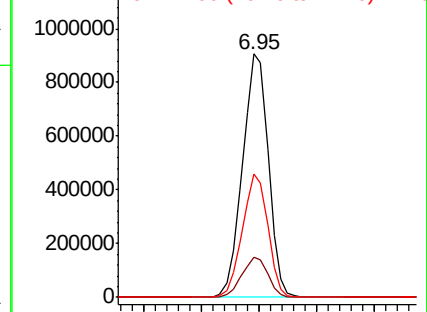
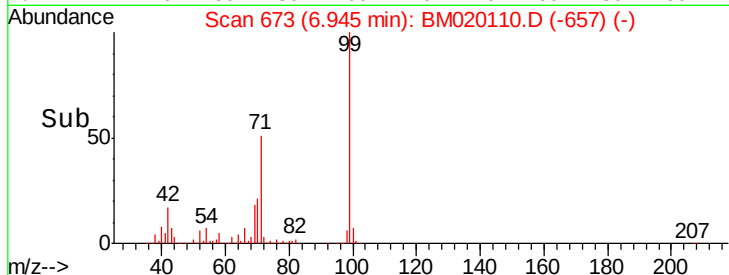
99 100

42 16.6 14.2 21.2

71 50.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020110.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020110.D

Acq: 03 May 2019 14:04

Tgt Ion: 136 Resp: 453169

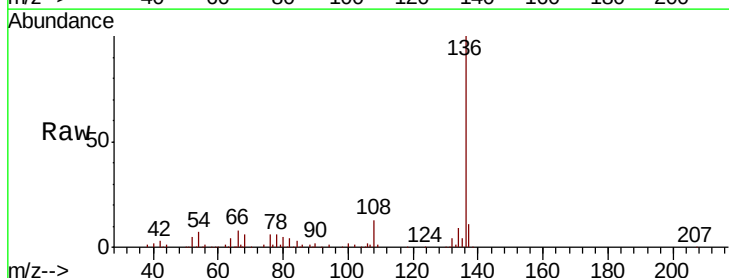
Ion Ratio Lower Upper

136 100

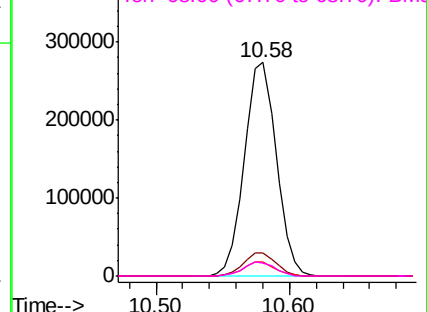
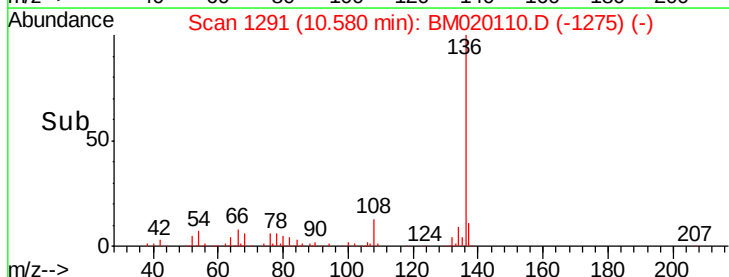
137 10.8 9.6 14.4

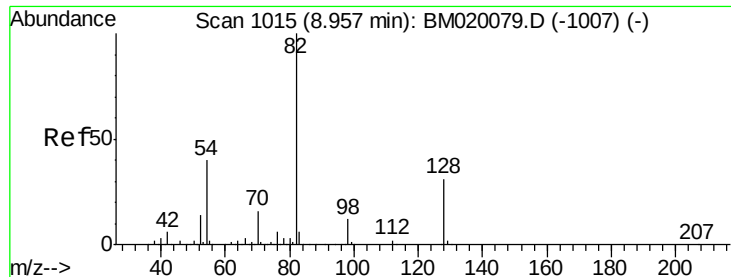
54 6.8 5.5 8.3

68 5.9 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): BM020110.D (-1275) (-)

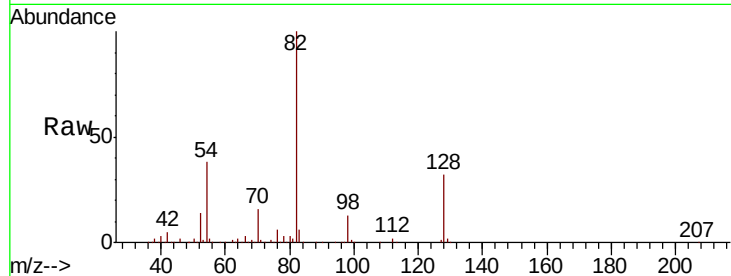




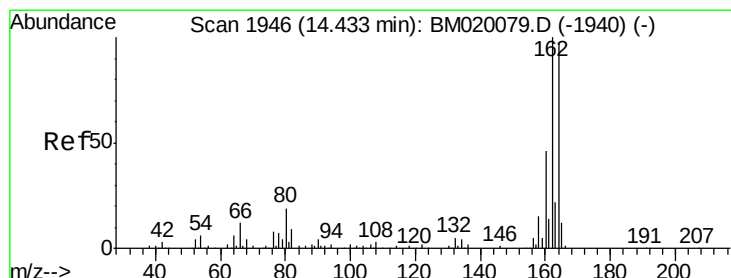
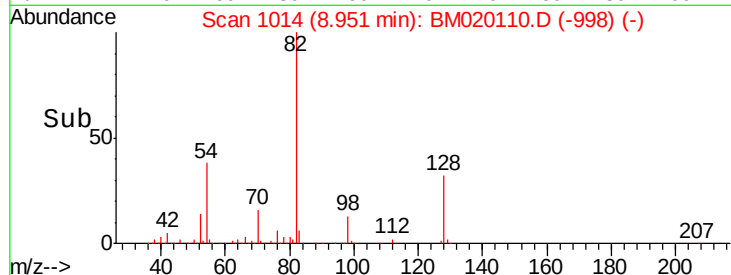
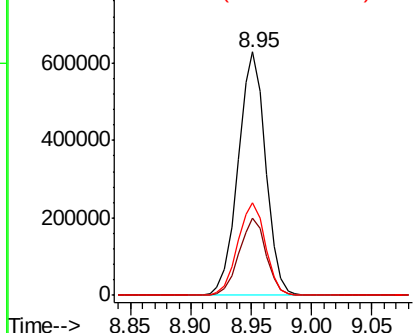
#23
Nitrobenzene-d5
Concen: 87.270 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020110.D
Acq: 03 May 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB119431BL

Tot Ion: 82 Resp: 1001723
Ion Ratio Lower Upper
82 100
128 31.5 25.2 37.8
54 38.3 31.9 47.9

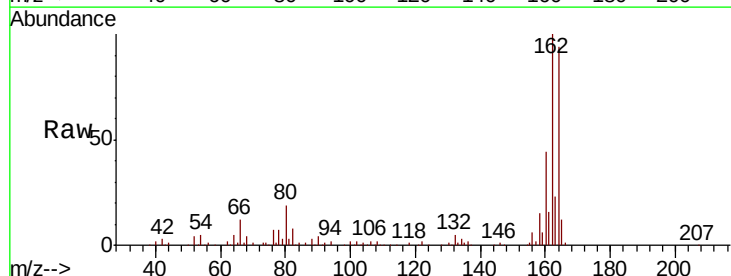


Abundance Ion 82.00 (81.70 to 82.70): BM020110.D (-998) (-)
Ion 128.00 (127.70 to 128.70): BM020110.D (-998) (-)
Ion 54.00 (53.70 to 54.70): BM020110.D (-998) (-)

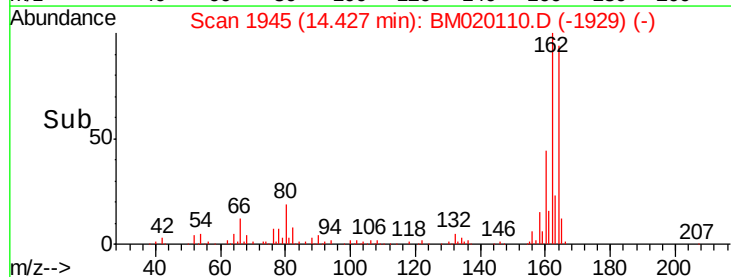
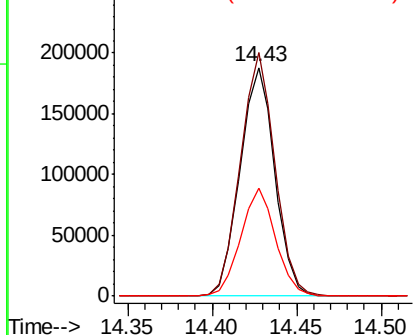


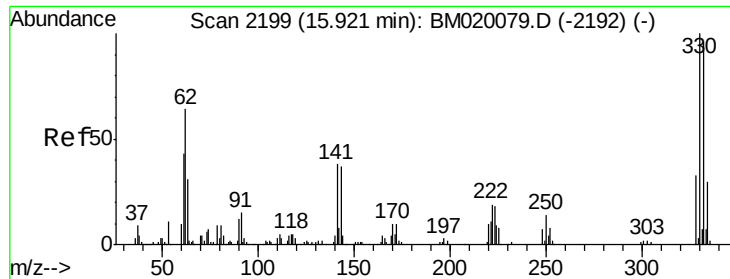
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020110.D
Acq: 03 May 2019 14:04

Tgt Ion:164 Resp: 269854
Ion Ratio Lower Upper
164 100
162 106.4 82.2 123.2
160 47.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BM020110.D (-1929) (-)
Ion 162.00 (161.70 to 162.70): BM020110.D (-1929) (-)
Ion 160.00 (159.70 to 160.70): BM020110.D (-1929) (-)

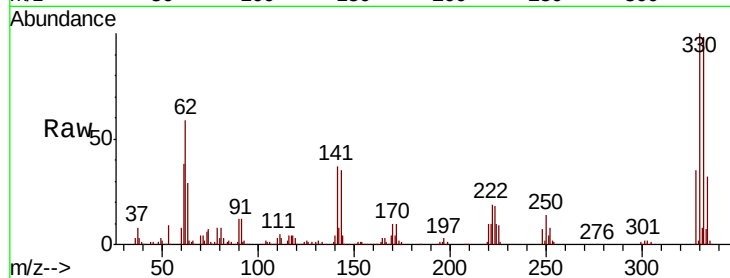




#42
 2,4,6-Tribromophenol
 Concen: 128.140 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020110.D
 Acq: 03 May 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB119431BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	34.8	29.2	43.8

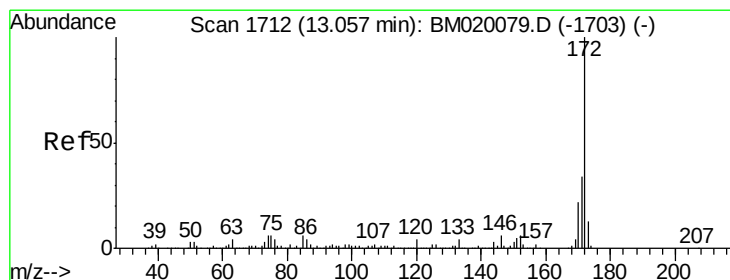
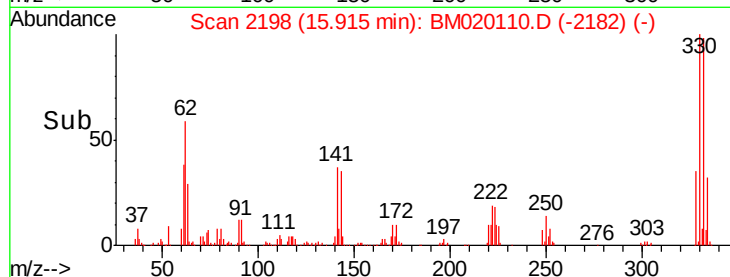
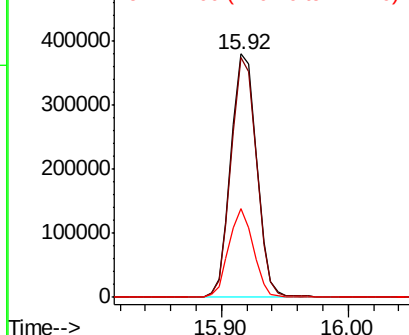


Abundance

Ion 329.80 (329.50 to 330.50): E

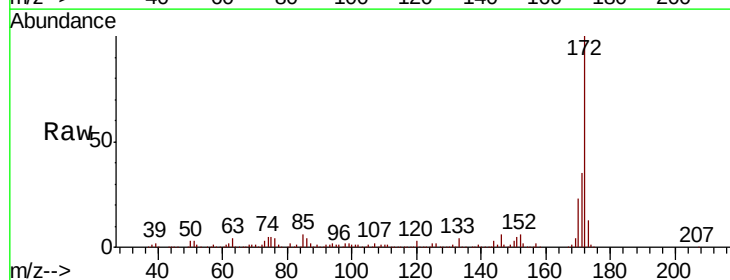
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.543 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020110.D
 Acq: 03 May 2019 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.9	17.9	26.9

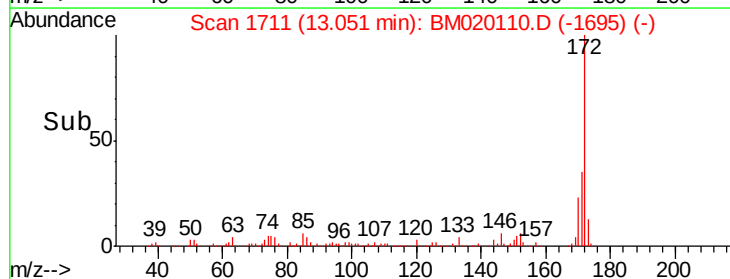
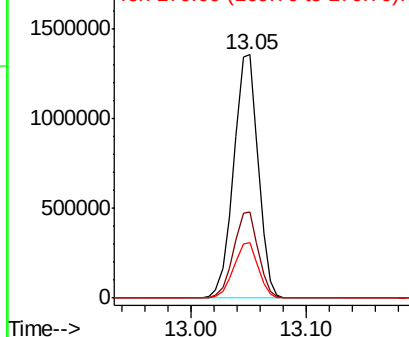


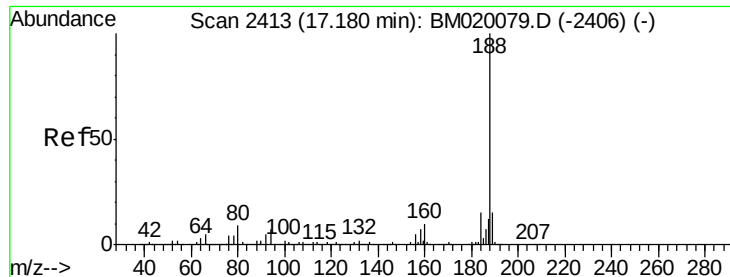
Abundance

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: BM020110.D

Acq: 03 May 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB119431BL

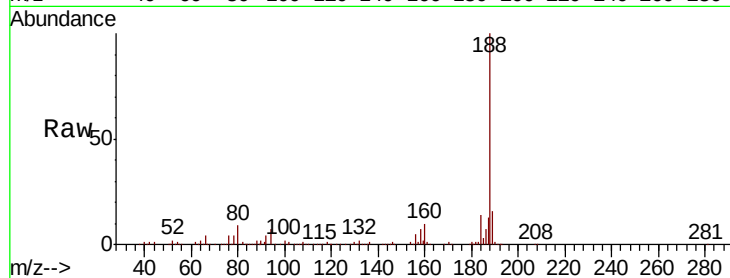
Tot Ion:188 Resp: 619344

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

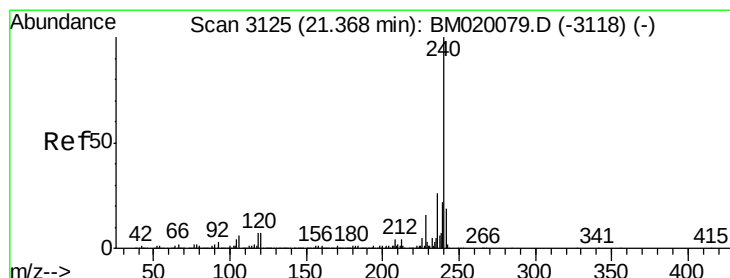
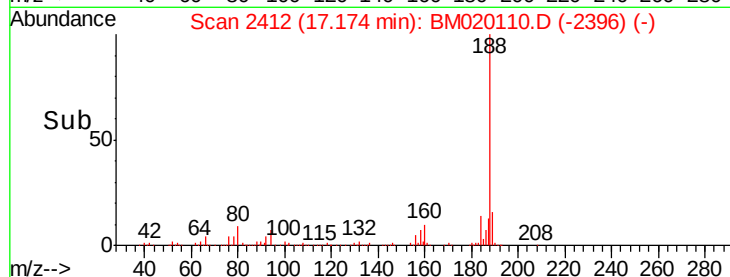
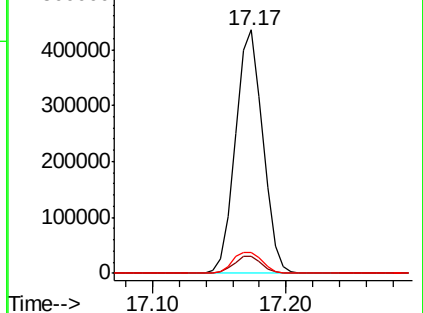
80 8.8 7.4 11.2



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# 3123

Delta R.T. -0.01 min

Lab File: BM020110.D

Acq: 03 May 2019 14:04

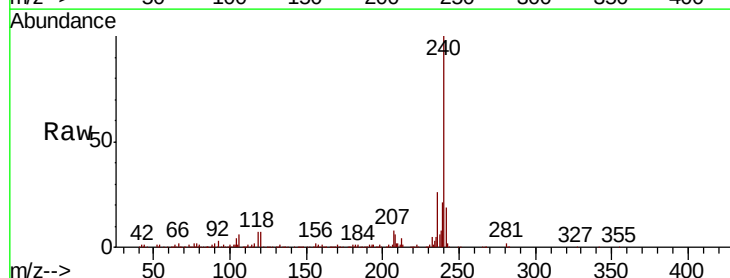
Tgt Ion:240 Resp: 530471

Ion Ratio Lower Upper

240 100

120 6.6 5.6 8.4

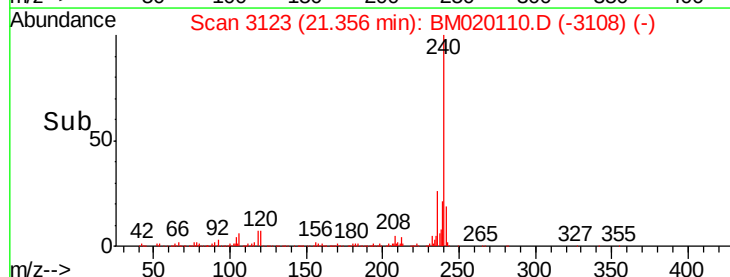
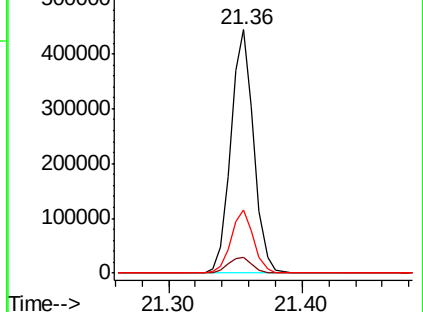
236 26.1 20.9 31.3

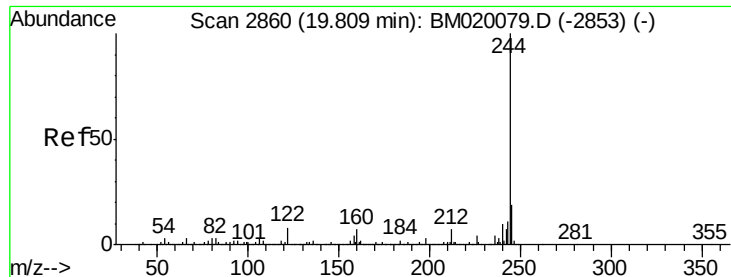


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.505 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020110.D

Acq: 03 May 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB119431BL

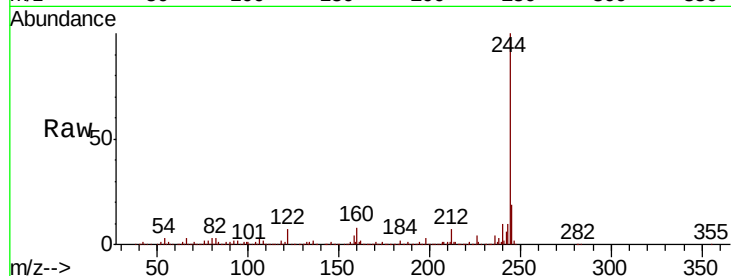
Tot Ion:244 Resp: 2904601

Ion Ratio Lower Upper

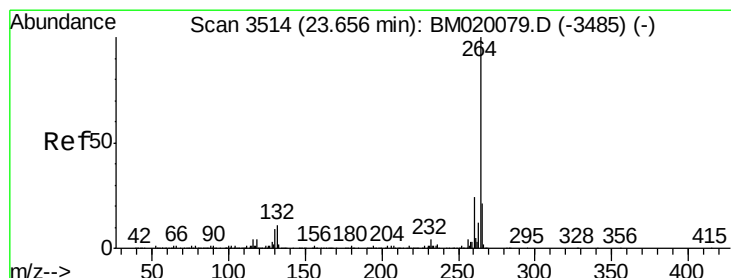
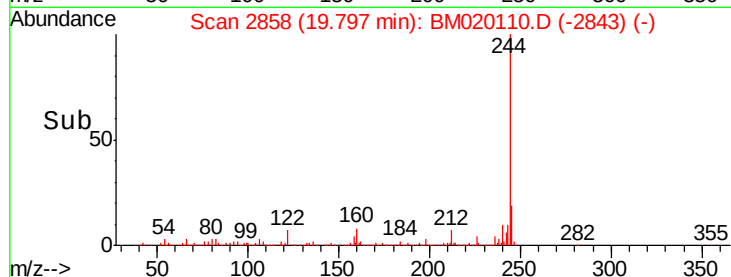
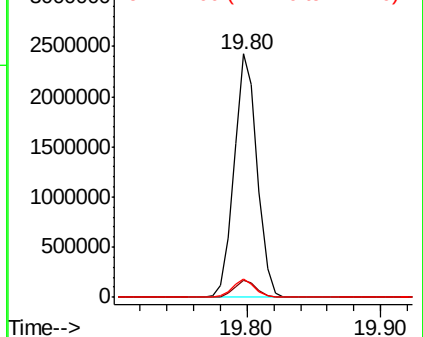
244 100

212 6.9 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: BM020110.D

Acq: 03 May 2019 14:04

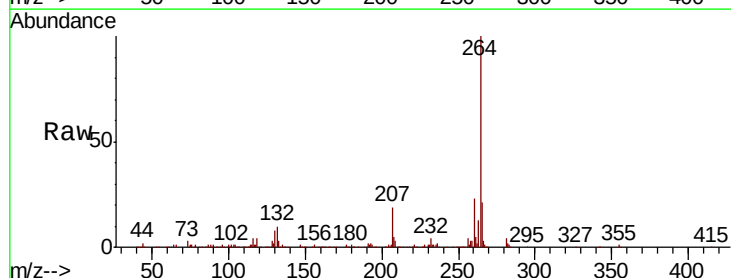
Tgt Ion:264 Resp: 575531

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.2 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

