

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020528.D
 Acq On : 23 May 2019 22:34
 Operator : JU/SJ
 Sample : K2647-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-A

Quant Time: May 24 02:11:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	54546	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	171018	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	104702	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	256763	20.00	ng	0.00
76) Chrysene-d12	21.27	240	287198	20.00	ng	-0.01
87) Perylene-d12	23.51	264	348458	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	423167	126.81	ng	0.00
7) Phenol-d6	6.85	99	499092	109.48	ng	0.00
23) Nitrobenzene-d5	8.84	82	389373	89.89	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	276786	170.31	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	776507	91.25	ng	0.00
79) Terphenyl-d14	19.72	244	1594694	96.85	ng	0.00

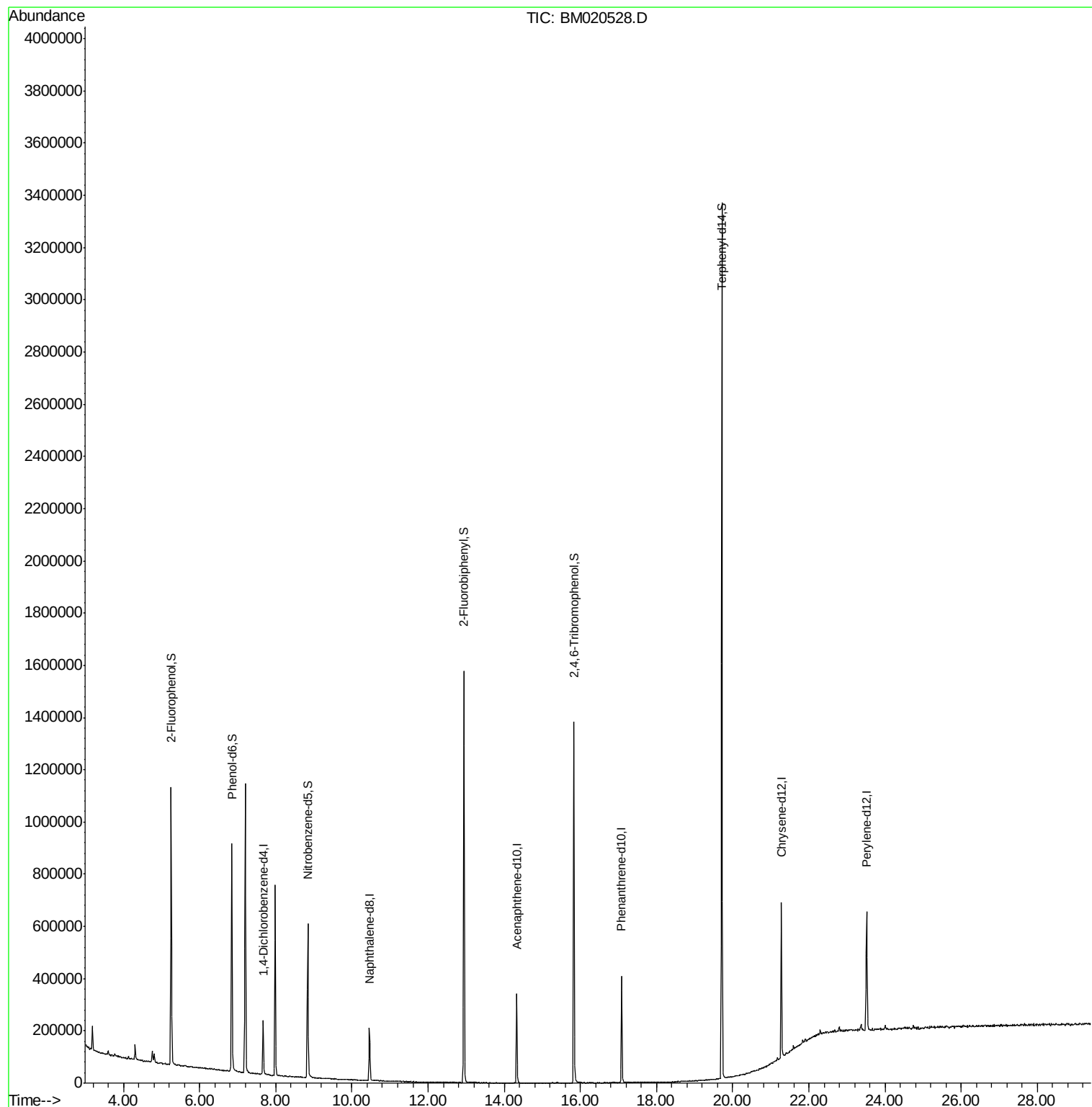
Target Compounds Qvalue

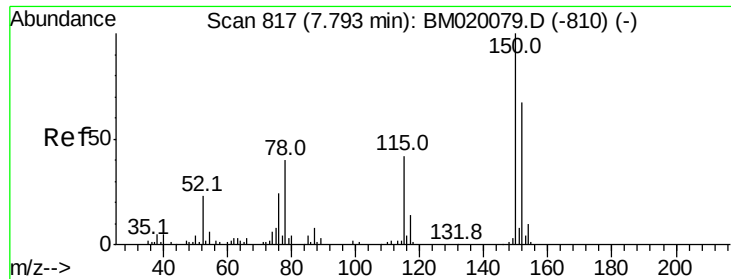
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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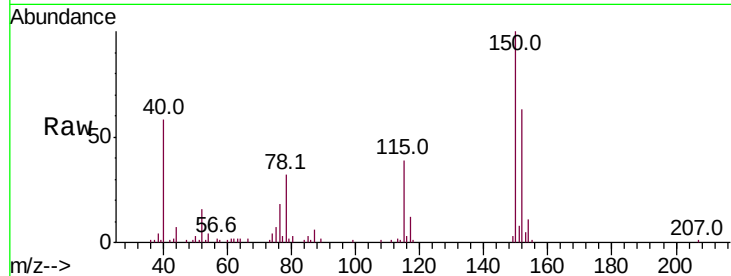


#1

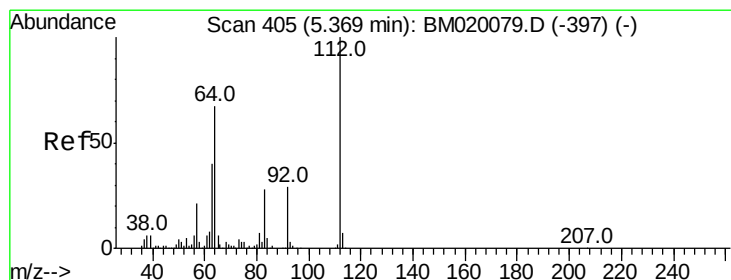
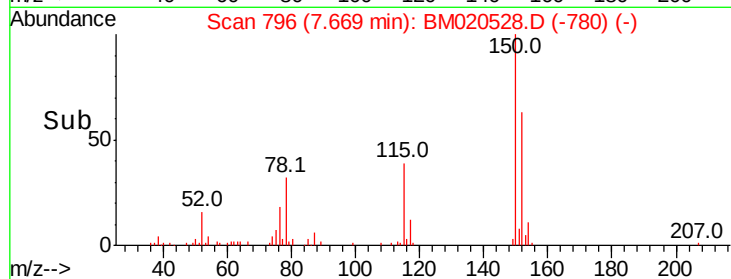
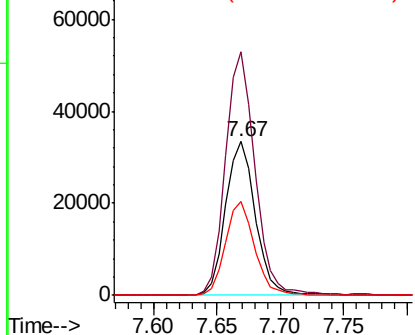
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tot Ion:152 Resp: 54546
Ion Ratio Lower Upper
152 100
150 158.2 119.8 179.8
115 61.2 50.8 76.2



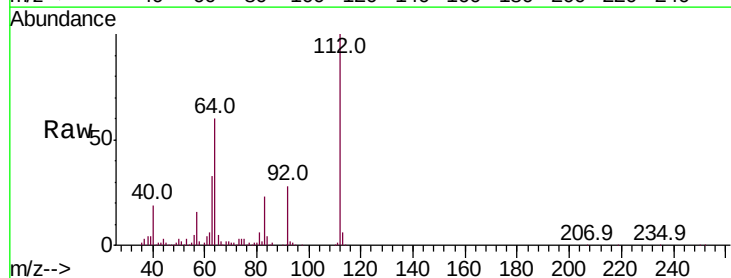
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



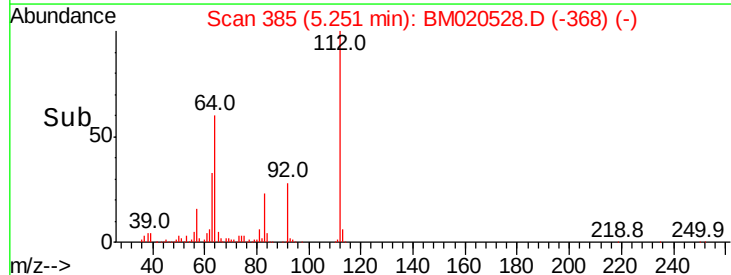
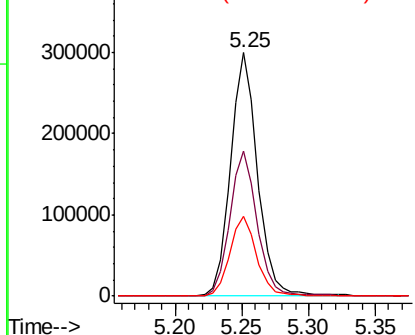
#5

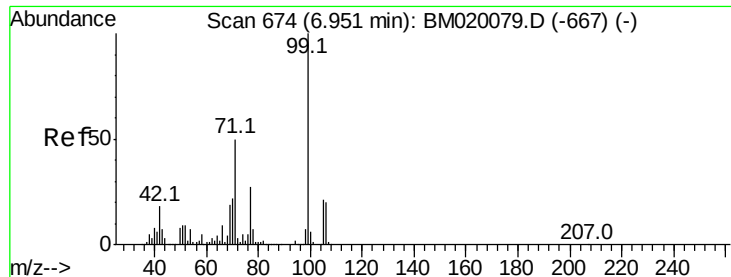
2-Fluorophenol
Concen: 126.811 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:112 Resp: 423167
Ion Ratio Lower Upper
112 100
64 59.8 53.8 80.6
63 32.5 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: 109.479 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

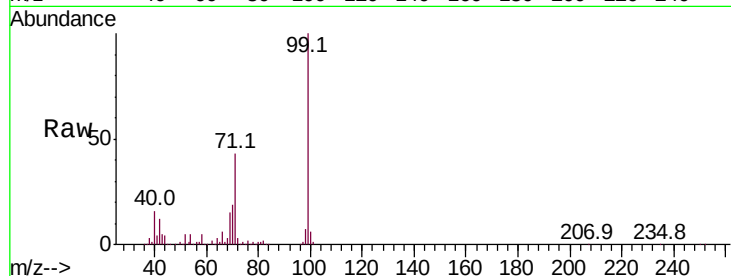
Tot Ion: 99 Resp: 499092

Ion Ratio Lower Upper

99 100

42 11.9 14.2 21.2#

71 43.2 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) (-)

6.85

400000

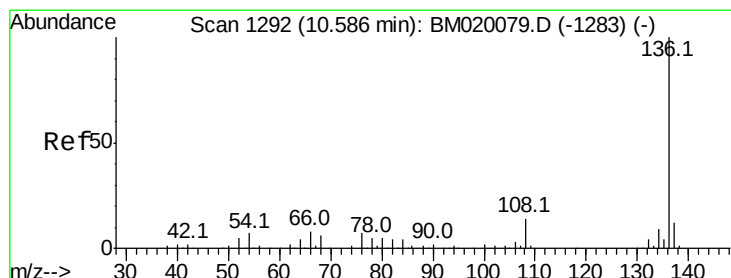
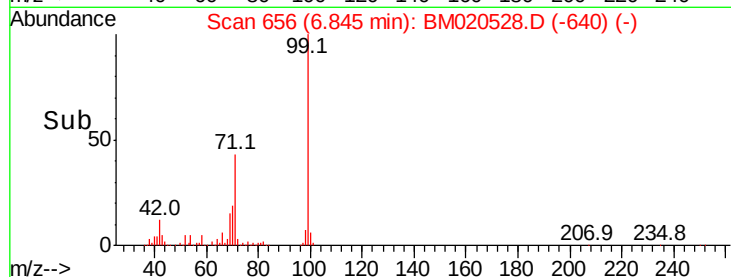
300000

200000

100000

0

Time--> 6.75 6.80 6.85 6.90 6.95



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Tgt Ion: 136 Resp: 171018

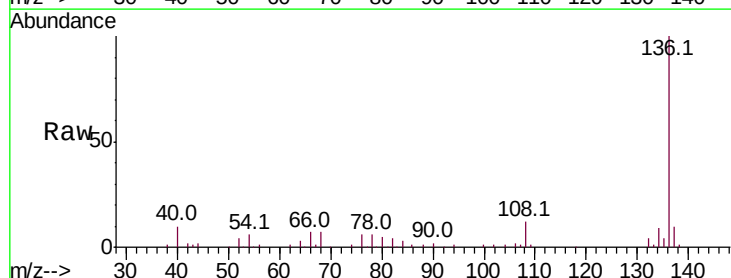
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 6.0 5.5 8.3

68 6.5 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) (-)

10.46

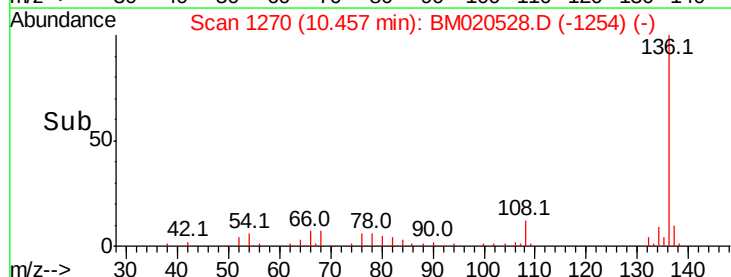
150000

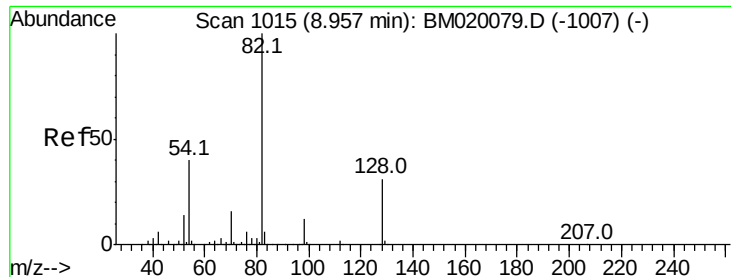
100000

50000

0

Time--> 10.40 10.50





#23

Nitrobenzene-d5

Concen: 89.888 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

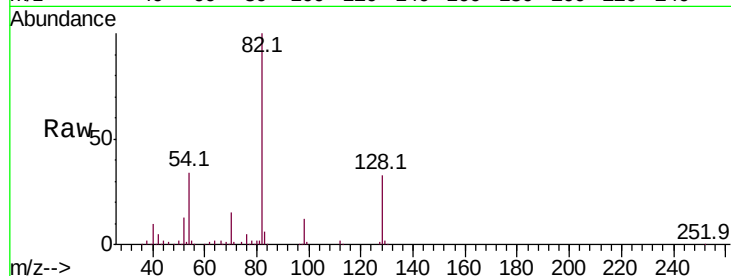
Tot Ion: 82 Resp: 389373

Ion Ratio Lower Upper

82 100

128 32.5 25.2 37.8

54 33.9 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)

8.84

250000

200000

150000

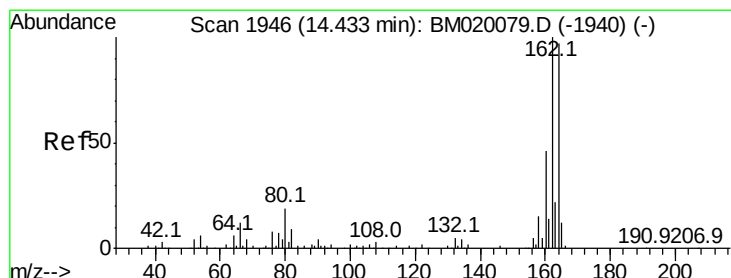
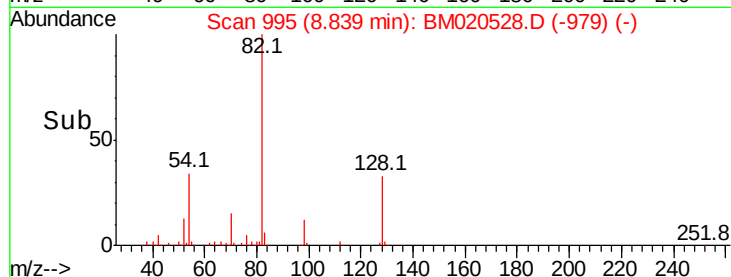
100000

50000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

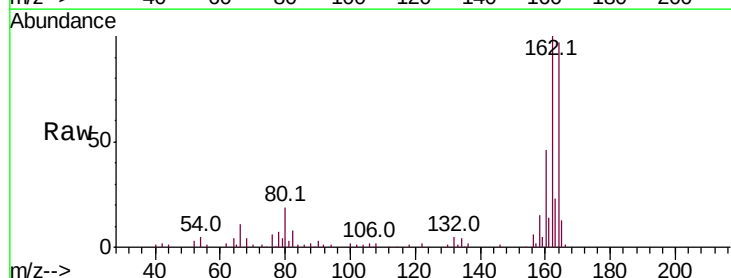
Tgt Ion: 164 Resp: 104702

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

160 47.7 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BM020079.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BM020079.D (-1940) (-)

14.33

100000

80000

60000

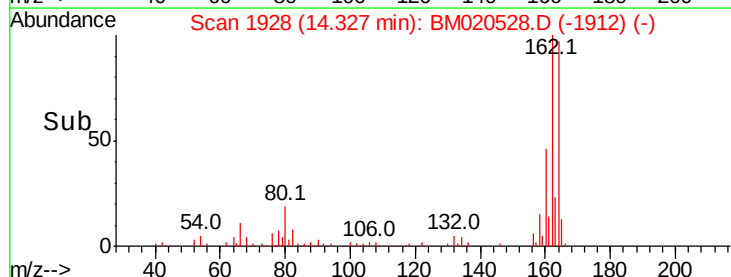
40000

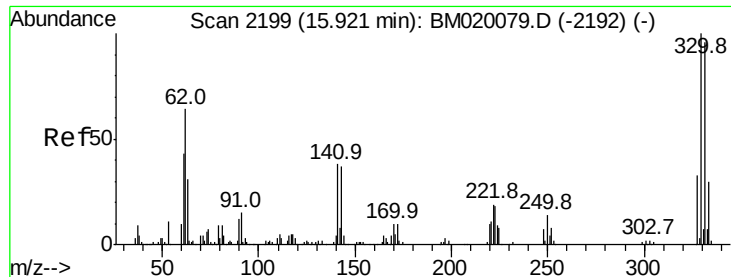
20000

0

14.30 14.40

Time-->

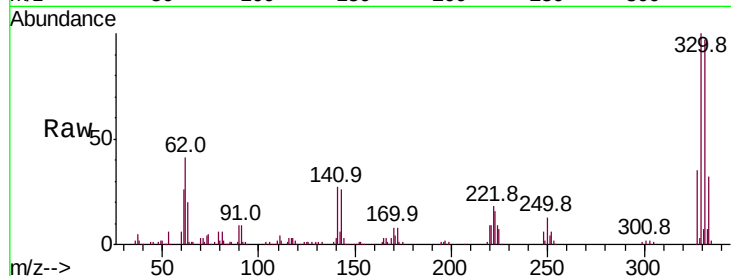




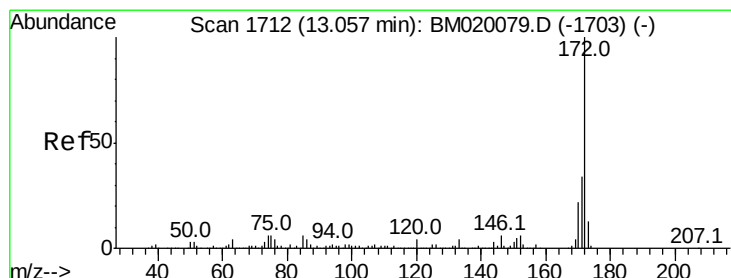
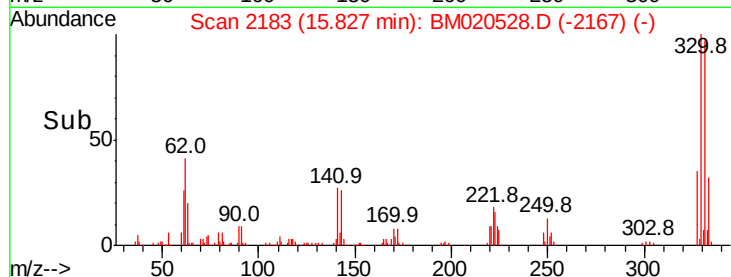
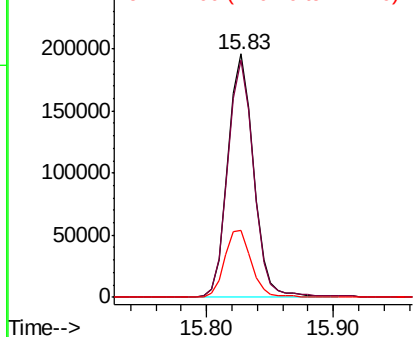
#42
 2,4,6-Tribromophenol
 Concen: 170.312 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020528.D
 Acq: 23 May 2019 22:34

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-A

Tot Ion:330 Resp: 276786
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 28.8 29.2 43.8#

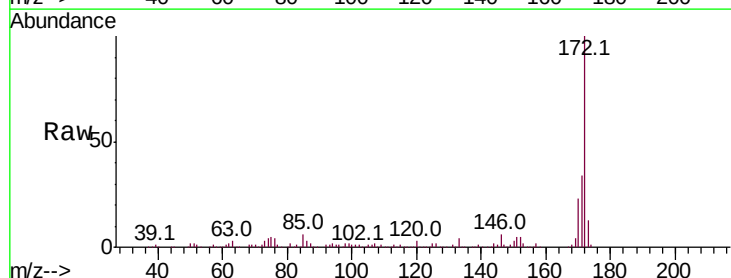


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

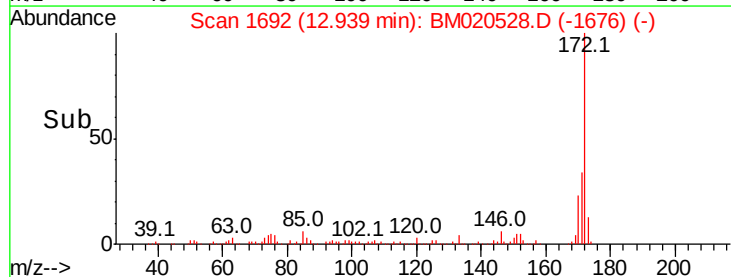
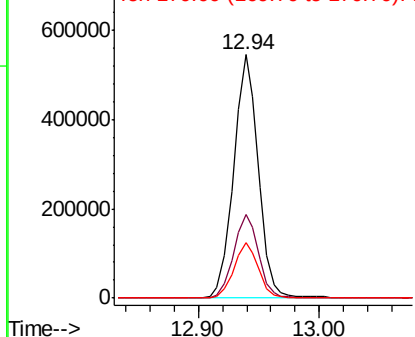


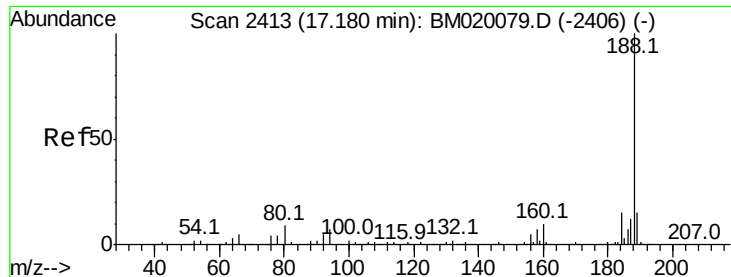
#45
 2-Fluorobiphenyl
 Concen: 91.248 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020528.D
 Acq: 23 May 2019 22:34

Tgt Ion:172 Resp: 776507
 Ion Ratio Lower Upper
 172 100
 171 34.3 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

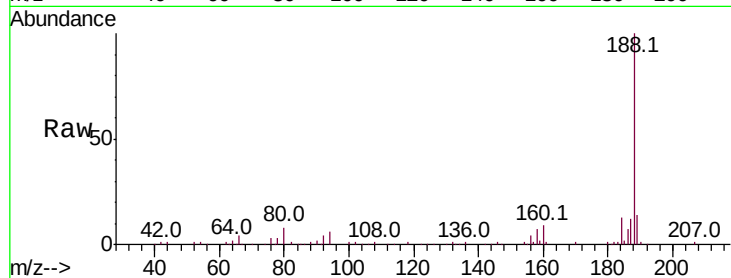




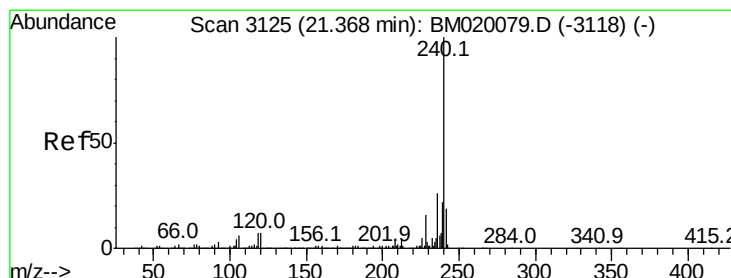
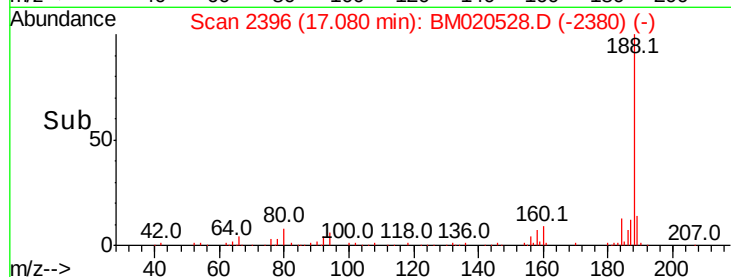
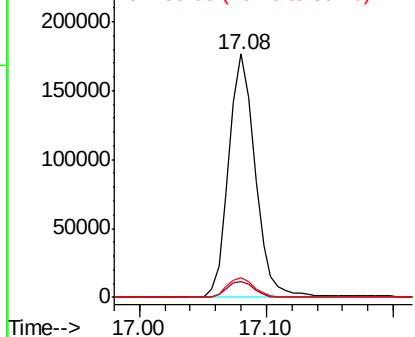
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tot Ion:188 Resp: 256763
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 7.8 7.4 11.2

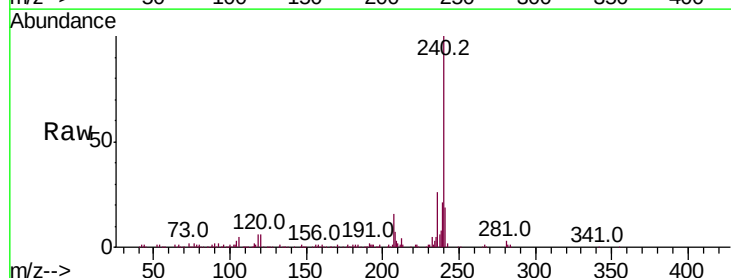


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

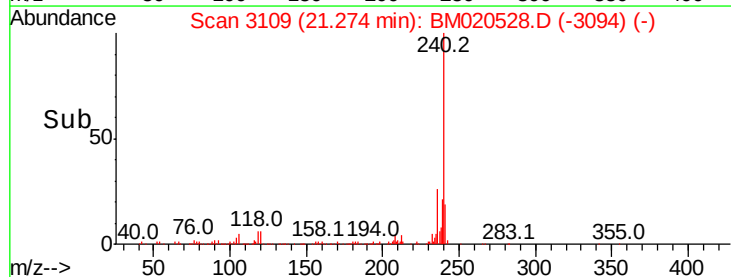
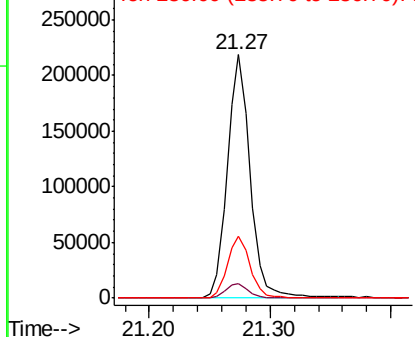


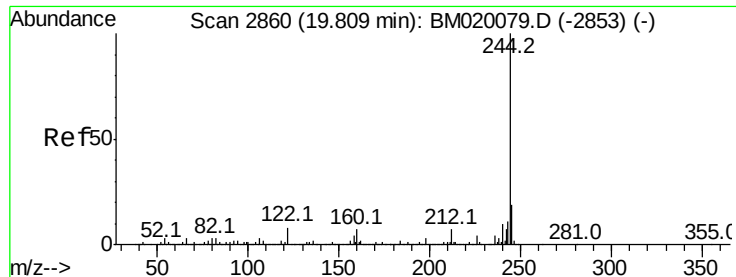
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:240 Resp: 287198
Ion Ratio Lower Upper
240 100
120 5.9 5.6 8.4
236 25.6 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: 96.849 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

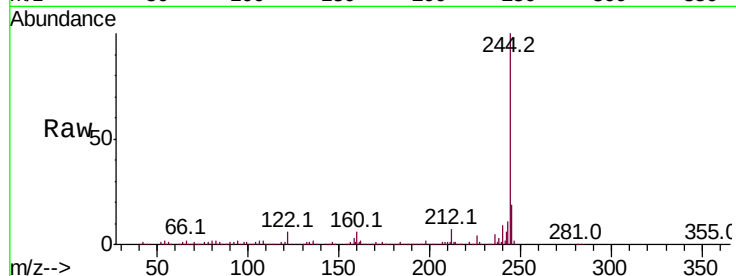
Tot Ion:244 Resp: 1594694

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.2	6.2	9.2

244 100

212 6.5 5.7 8.5

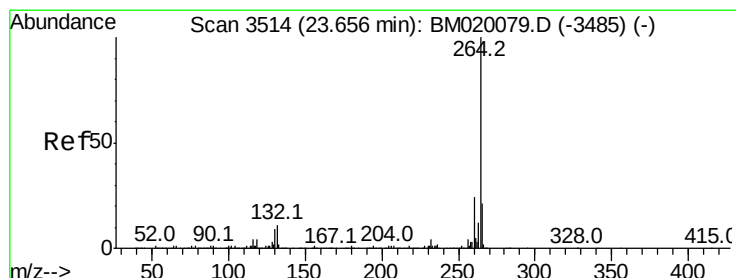
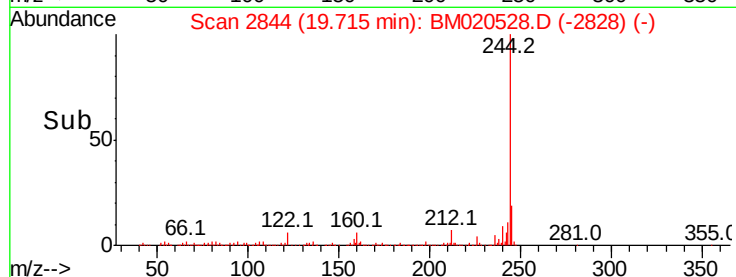
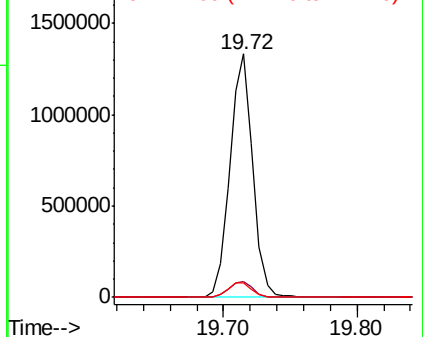
122 6.2 6.2 9.2



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: 23.51 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020528.D

Acq: 23 May 2019 22:34

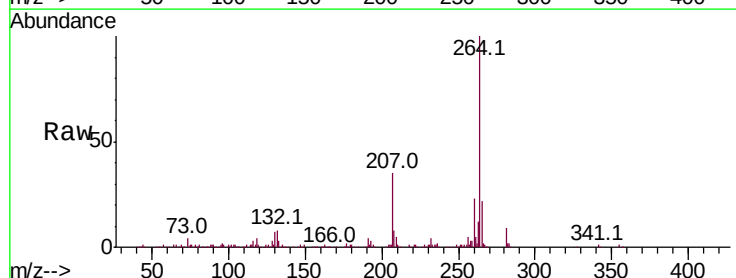
Tgt Ion:264 Resp: 348458

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.2	16.9	25.3

264 100

260 22.9 19.2 28.8

265 22.2 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

