

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020293.D
 Acq On : 12 May 2019 11:56
 Operator : JU/SJ
 Sample : K2768-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS014-0612-01

Quant Time: May 13 05:21:16 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

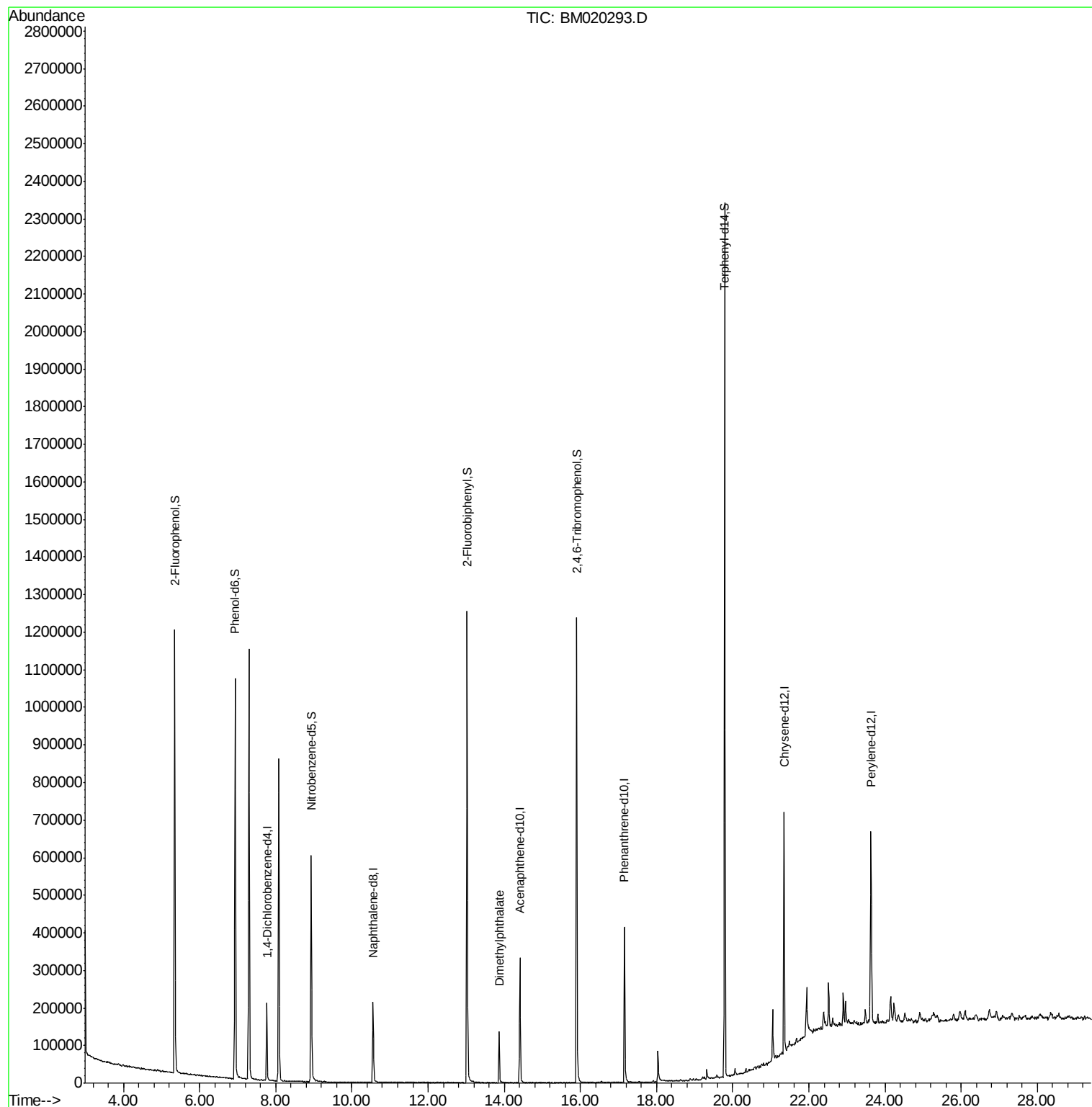
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	55100	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	182356	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	109859	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	267969	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	300354	20.00	ng	-0.02
87) Perylene-d12	23.63	264	377762	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	460125	136.50	ng	-0.02
7) Phenol-d6	6.93	99	606727	131.75	ng	-0.02
23) Nitrobenzene-d5	8.93	82	410367	88.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.90	330	231633	135.84	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	659764	73.89	ng	-0.03
79) Terphenyl-d14	19.79	244	1079358	62.68	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	87280	9.348	ng	Qvalue 99

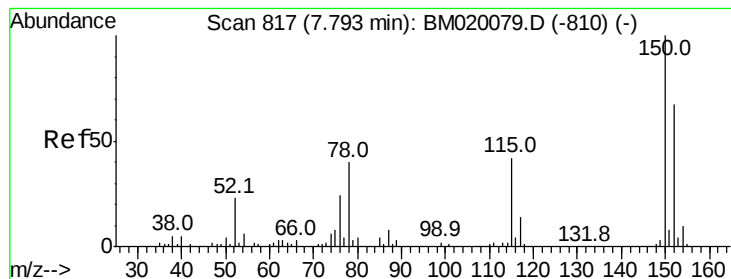
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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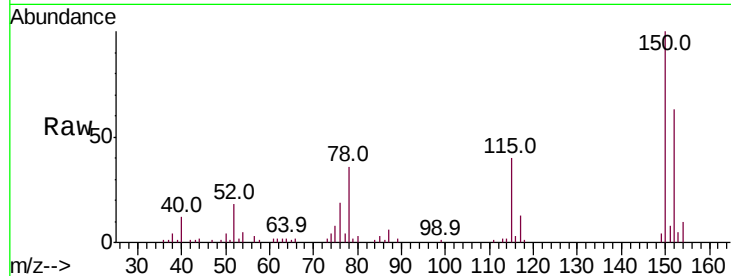


#1

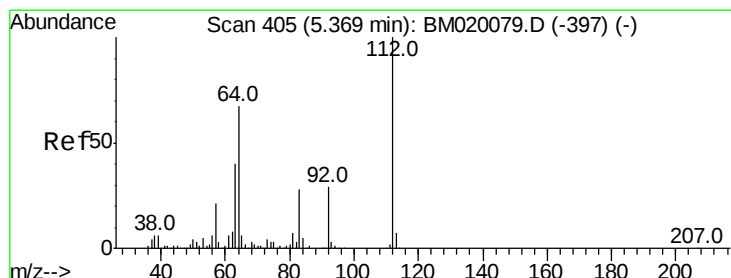
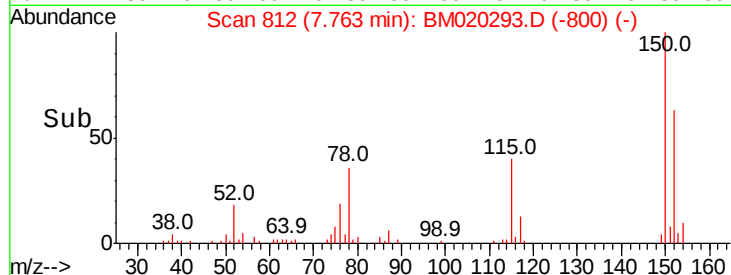
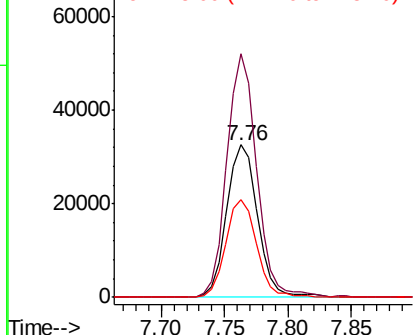
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020293.D
Acq: 12 May 2019 11:56

Instrument :
BNA_M
ClientSampleId :
P026-SS014-0612-01

Tot Ion:152 Resp: 55100
Ion Ratio Lower Upper
152 100
150 159.6 119.8 179.8
115 64.2 50.8 76.2



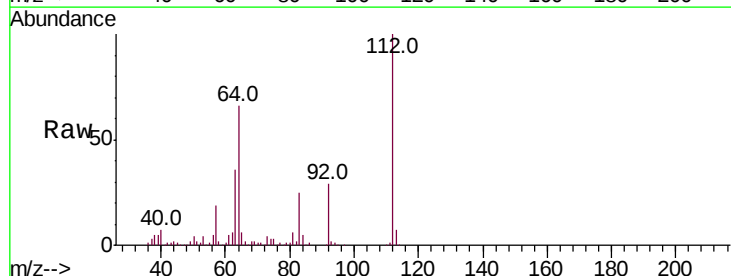
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



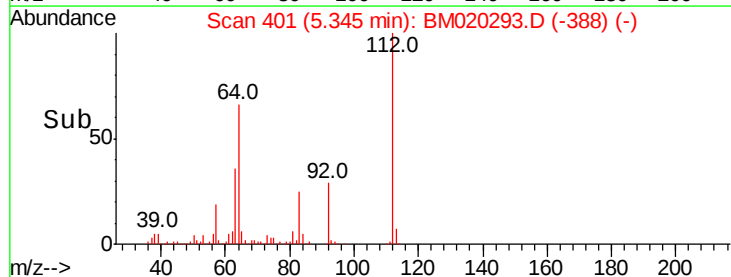
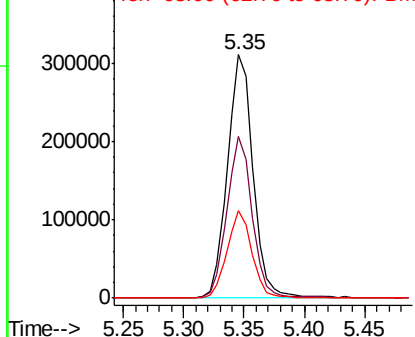
#5

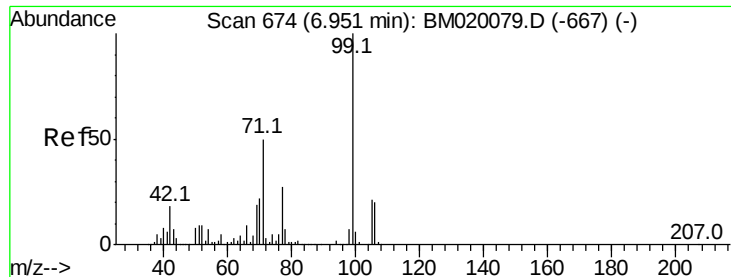
2-Fluorophenol
Concen: 136.500 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020293.D
Acq: 12 May 2019 11:56

Tgt Ion:112 Resp: 460125
Ion Ratio Lower Upper
112 100
64 66.4 53.8 80.6
63 35.8 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: 131.752 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020293.D

Acq: 12 May 2019 11:56

Instrument :

BNA_M

ClientSampleId :

P026-SS014-0612-01

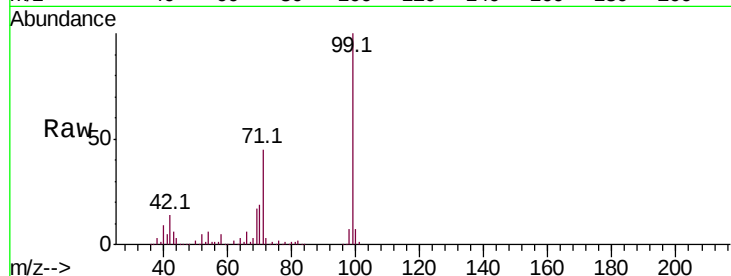
Tot Ion: 99 Resp: 606727

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

71 44.7 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) (-)

6.93

400000

300000

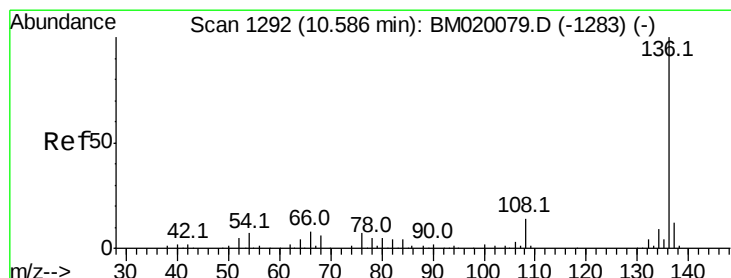
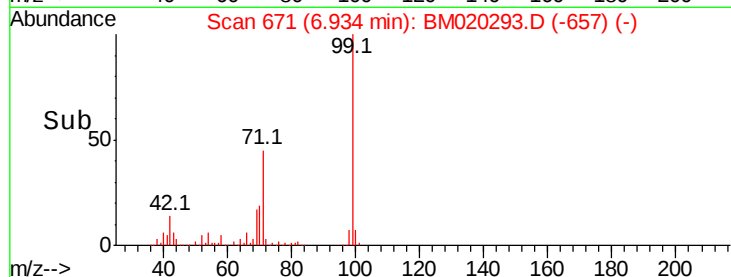
200000

100000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020293.D

Acq: 12 May 2019 11:56

Tgt Ion: 136 Resp: 182356

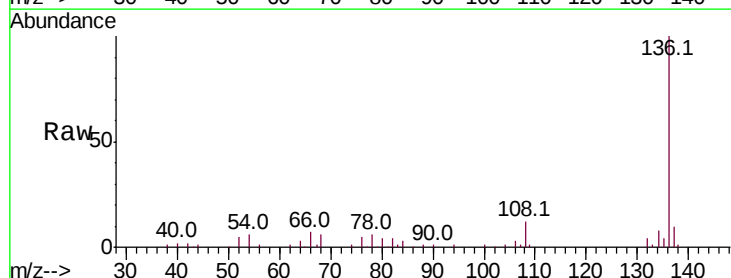
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 6.2 5.5 8.3

68 5.8 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) (-)

10.56

150000

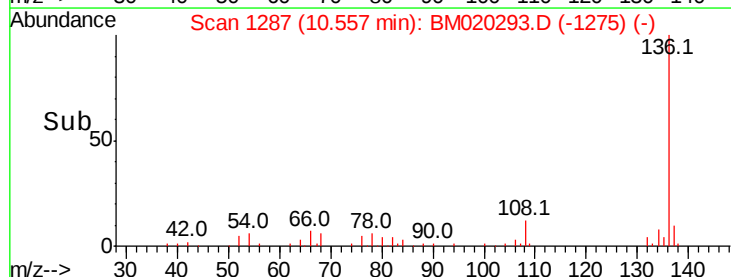
100000

50000

0

10.50 10.55 10.60

Time-->

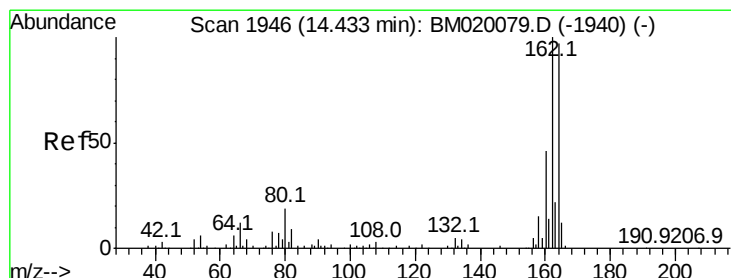
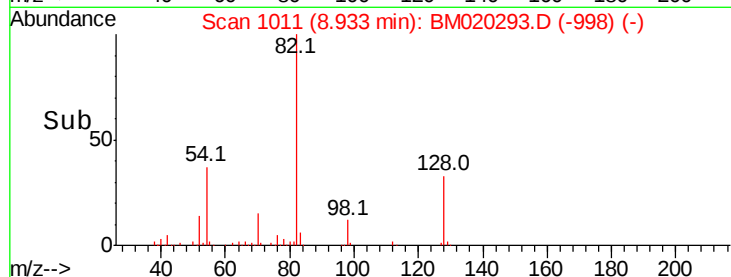
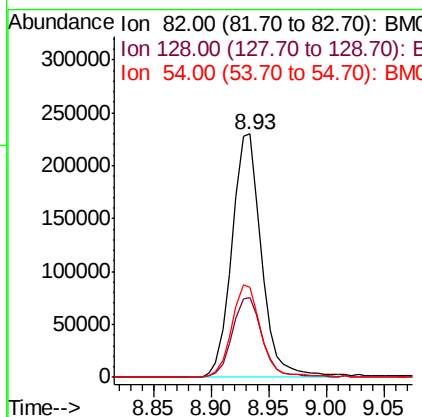
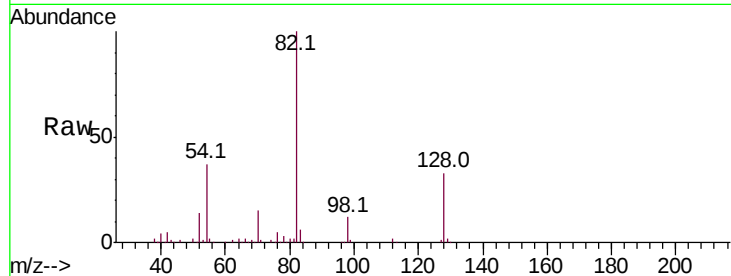




#23
Nitrobenzene-d5
Concen: 88.845 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020293.D
Acq: 12 May 2019 11:56

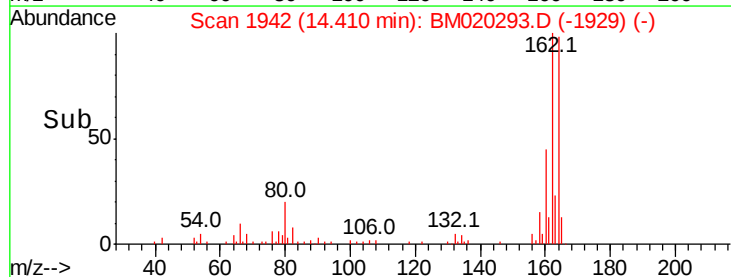
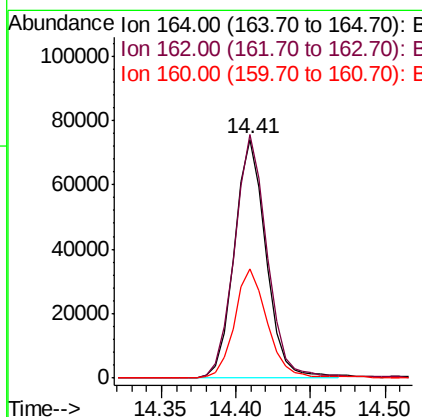
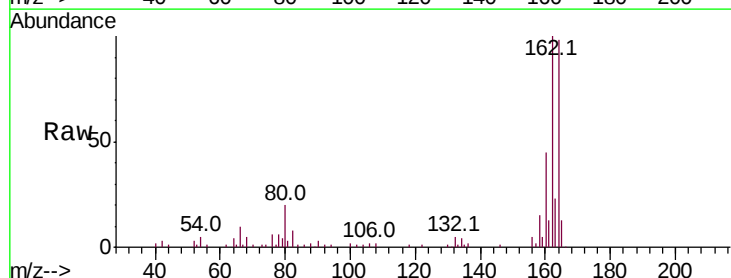
Instrument :
BNA_M
ClientSampleId :
P026-SS014-0612-01

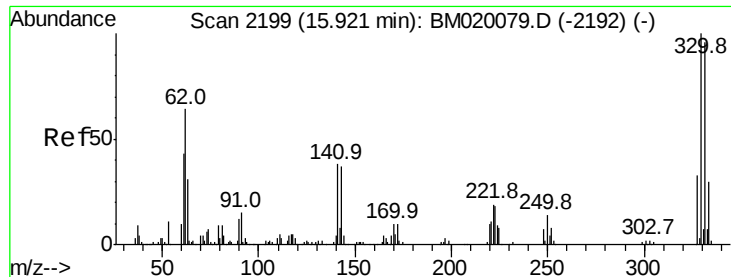
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	25.2	37.8
54	37.1	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020293.D
Acq: 12 May 2019 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	45.7	37.6	56.4

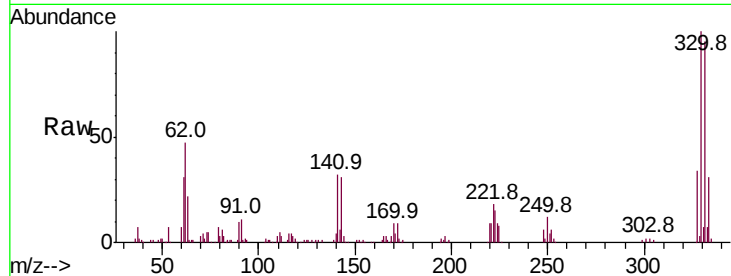




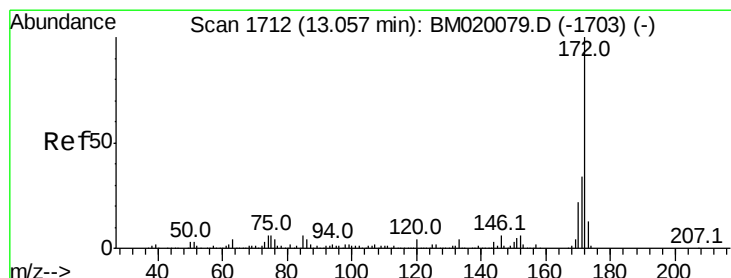
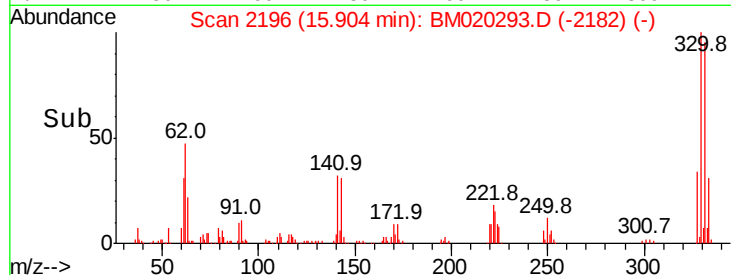
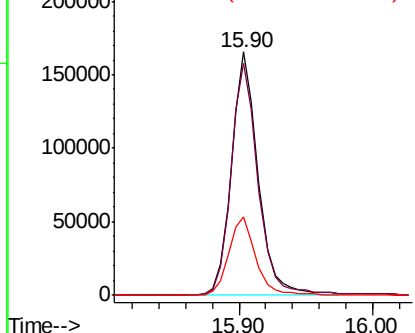
#42
 2,4,6-Tribromophenol
 Concen: 135.838 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020293.D
 Acq: 12 May 2019 11:56

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS014-0612-01

Tot Ion:330 Resp: 231633
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 32.8 29.2 43.8

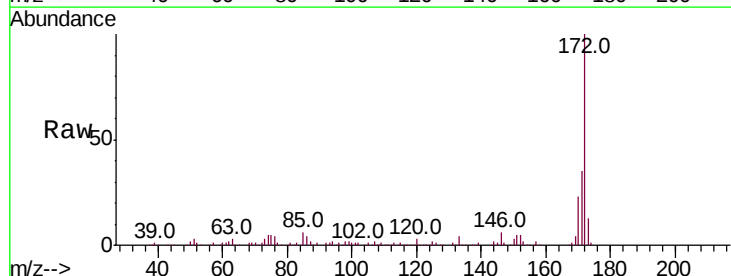


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

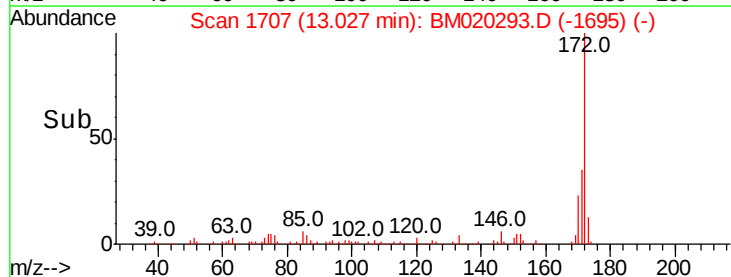
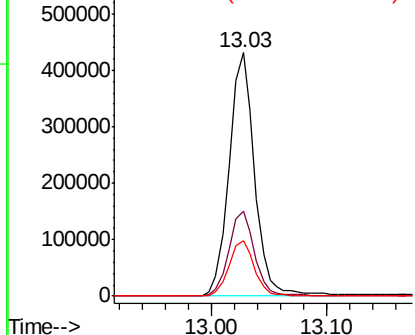


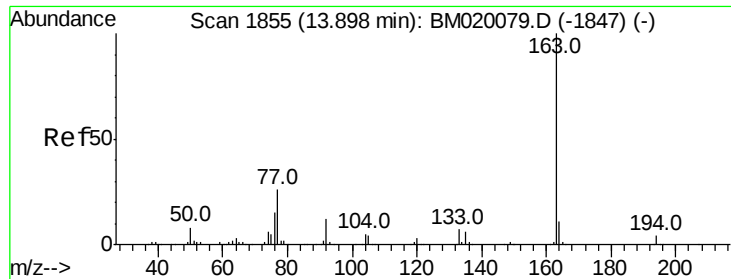
#45
 2-Fluorobiphenyl
 Concen: 73.890 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020293.D
 Acq: 12 May 2019 11:56

Tgt Ion:172 Resp: 659764
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.3 40.9
 170 22.8 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





#50

Dimethylphthalate

Concen: 9.348 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020293.D

Acq: 12 May 2019 11:56

Instrument :

BNA_M

ClientSampleId :

P026-SS014-0612-01

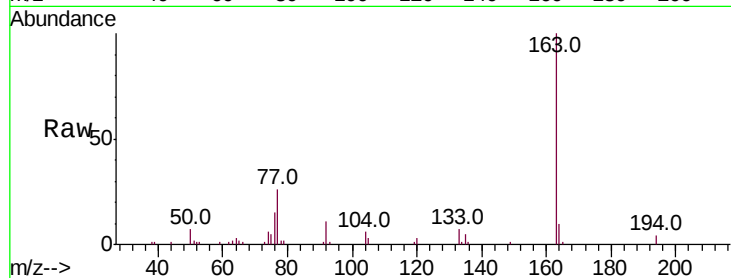
Tot Ion:163 Resp: 87280

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

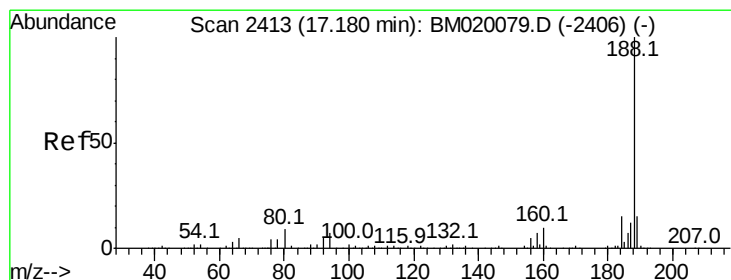
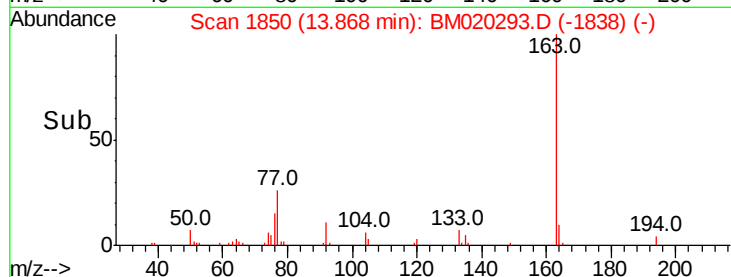
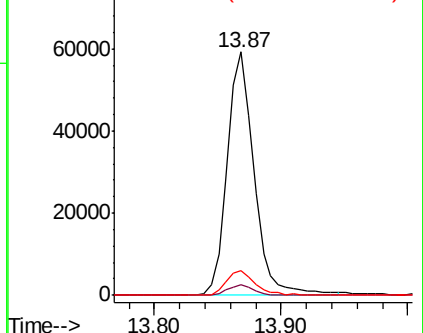
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020293.D

Acq: 12 May 2019 11:56

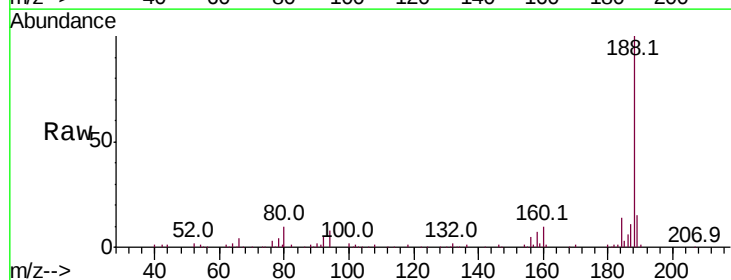
Tgt Ion:188 Resp: 267969

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

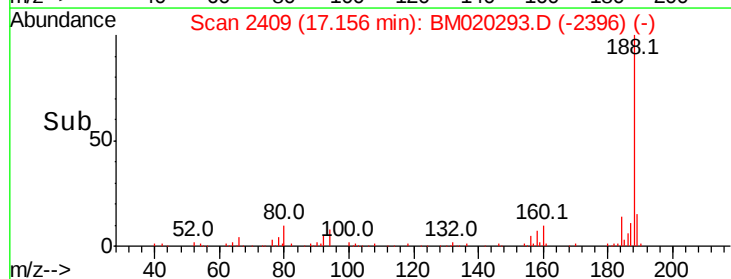
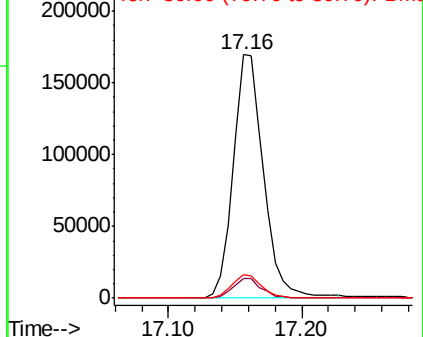
80 9.7 7.4 11.2

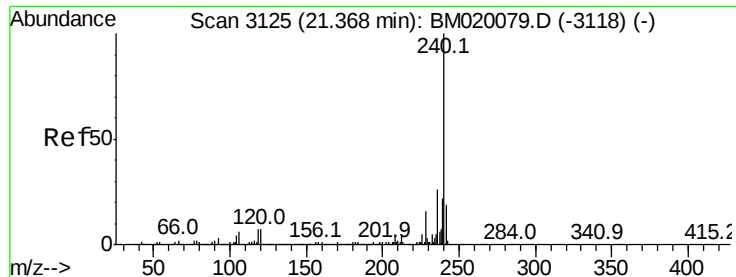


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020293.D

Acq: 12 May 2019 11:56

Instrument :

BNA_M

ClientSampleId :

P026-SS014-0612-01

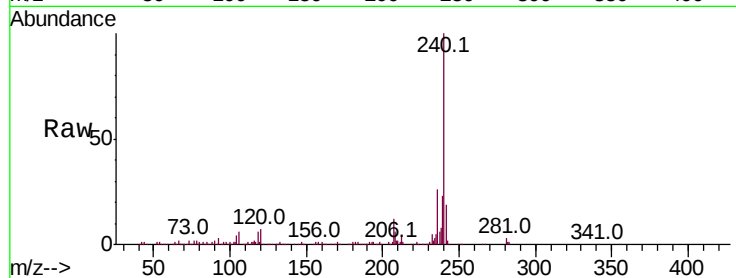
Tot Ion:240 Resp: 300354

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

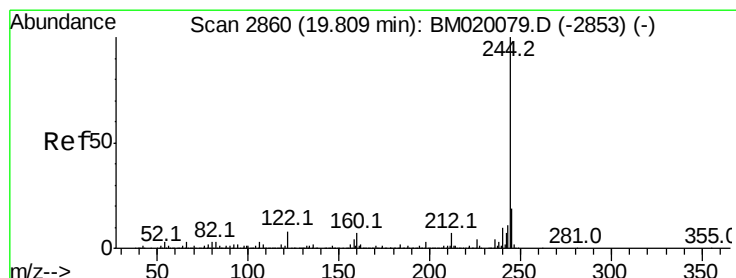
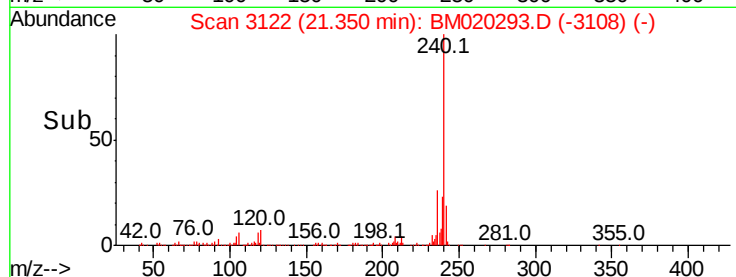
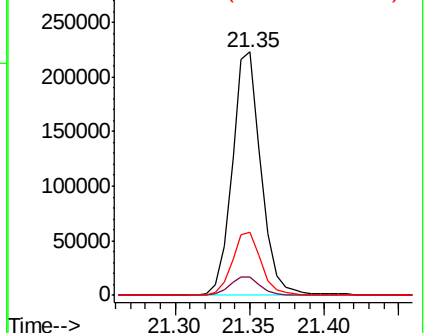
236 25.8 20.9 31.3



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: 62.681 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020293.D

Acq: 12 May 2019 11:56

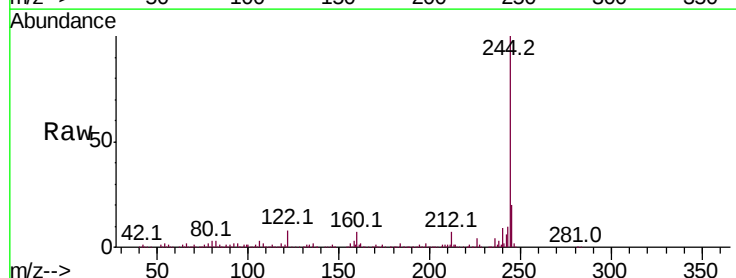
Tgt Ion:244 Resp: 1079358

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

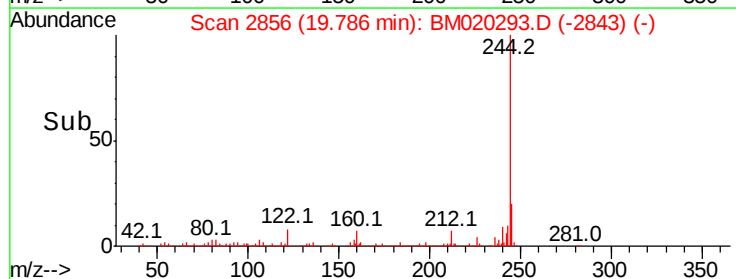
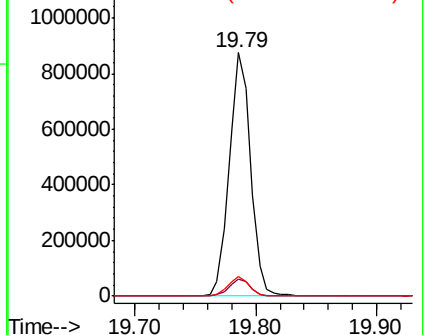
122 8.2 6.2 9.2

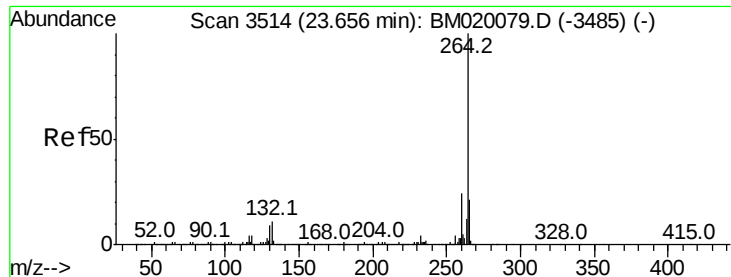


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020293.D
Acq: 12 May 2019 11:56

Instrument :
BNA_M
ClientSampleId :
P026-SS014-0612-01

Tot Ion: 264 Resp: 377762

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.6	16.9	25.3

