

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020538.D
 Acq On : 24 May 2019 04:36
 Operator : JU/SJ
 Sample : K2997-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 06:07:57 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	7.66	152	49574	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	153917	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	93765	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	235944	20.00	ng	0.00
76) Chrysene-d12	21.27	240	295302	20.00	ng	-0.01
87) Perylene-d12	23.52	264	363342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	214631	70.77	ng	0.00
7) Phenol-d6	6.84	99	272685	65.81	ng	-0.01
23) Nitrobenzene-d5	8.83	82	180878	46.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	120687	82.92	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	393764	51.67	ng	0.00
79) Terphenyl-d14	19.71	244	782639	46.23	ng	-0.01

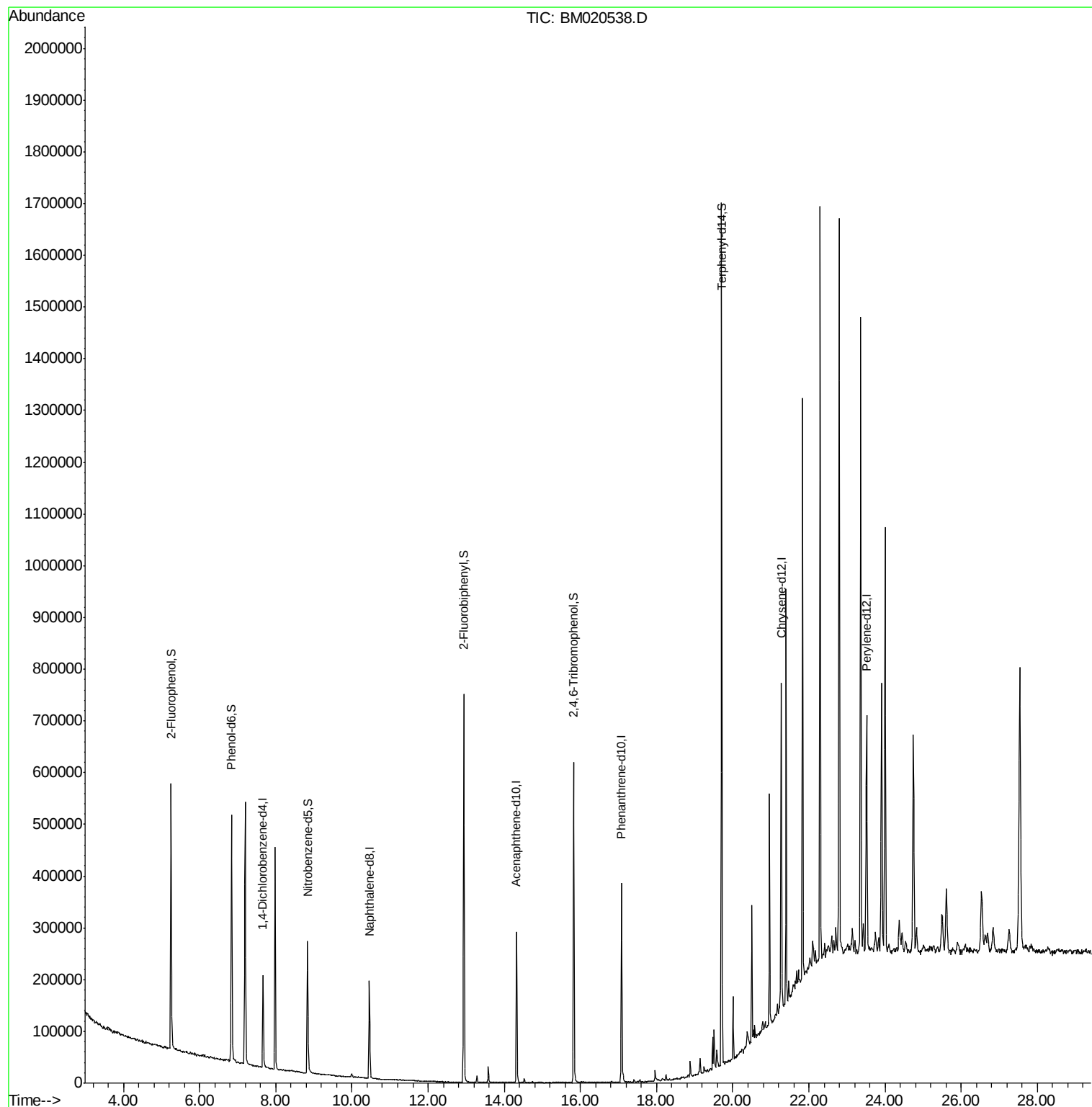
Target Compounds	Qvalue
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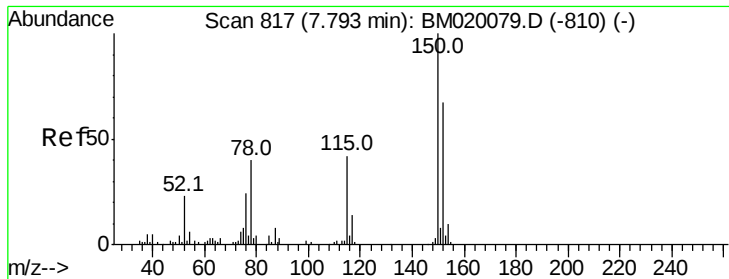
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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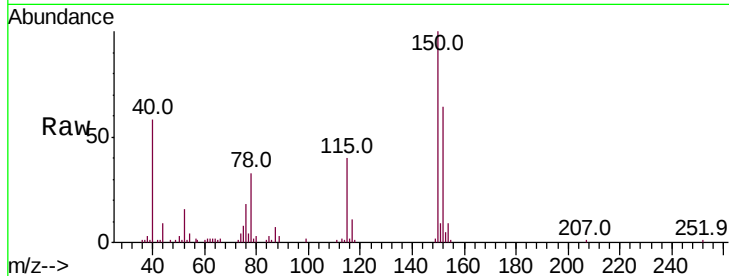


#1

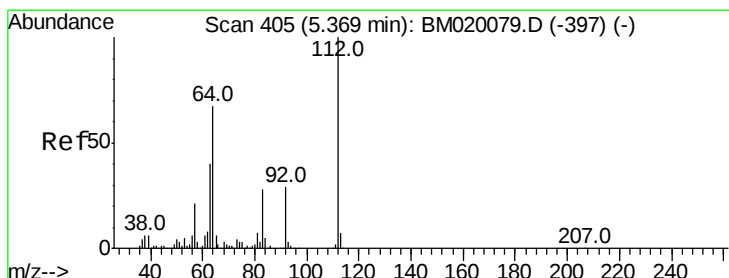
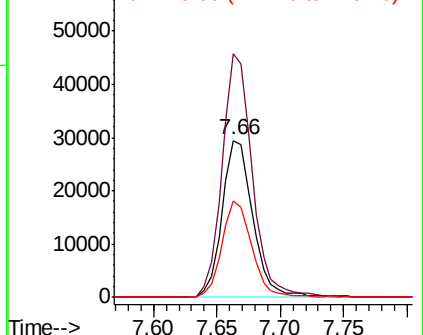
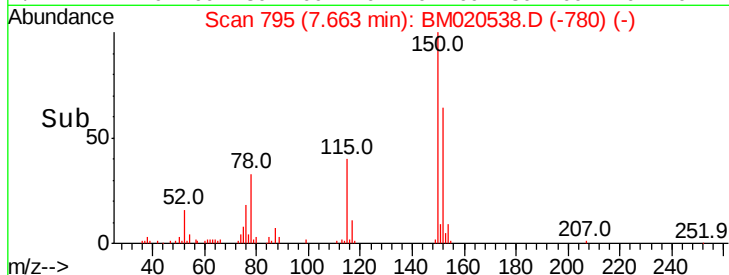
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM020538.D
Acq: 24 May 2019 04:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 49574
Ion Ratio Lower Upper
152 100
150 155.4 119.8 179.8
115 61.7 50.8 76.2



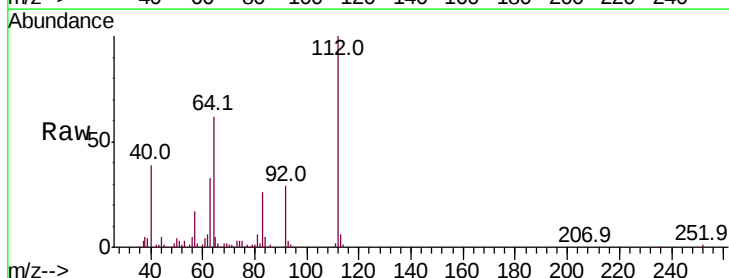
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



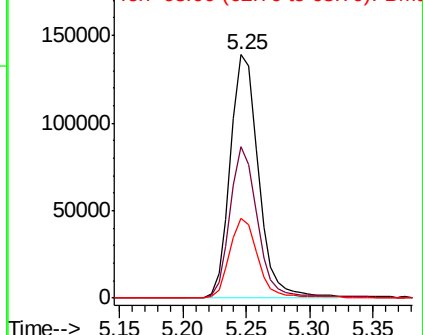
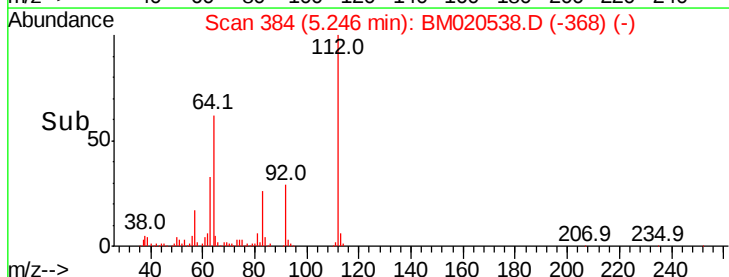
#5

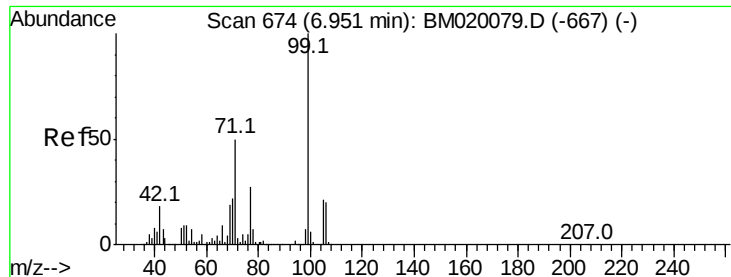
2-Fluorophenol
Concen: 70.770 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM020538.D
Acq: 24 May 2019 04:36

Tgt Ion:112 Resp: 214631
Ion Ratio Lower Upper
112 100
64 62.1 53.8 80.6
63 32.9 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: 65.814 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020538.D

Acq: 24 May 2019 04:36

Instrument :

BNA_M

ClientSampled :

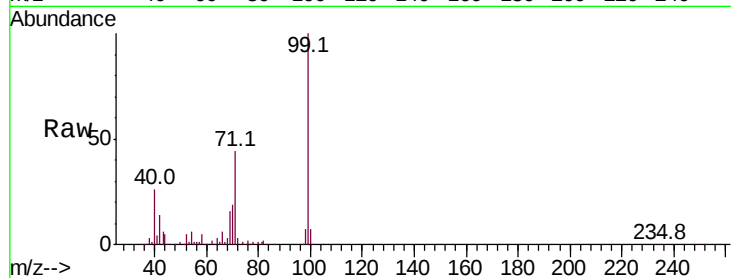
Tot Ion: 99 Resp: 272685

Ion Ratio Lower Upper

99 100

42 13.7 14.2 21.2#

71 44.4 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) (-)

200000

150000

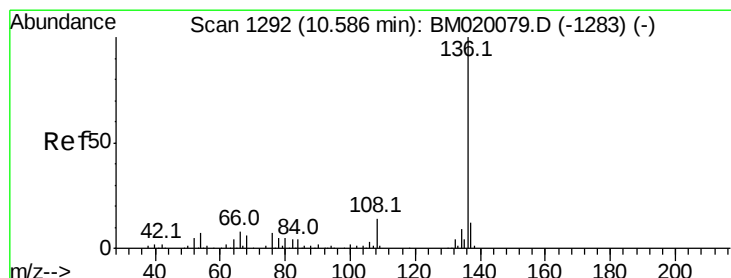
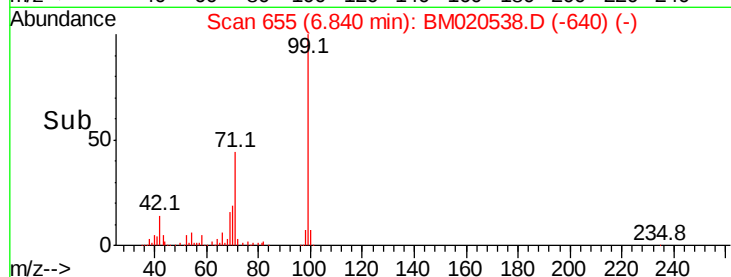
100000

50000

0

6.84

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: BM020538.D

Acq: 24 May 2019 04:36

Tgt Ion: 136 Resp: 153917

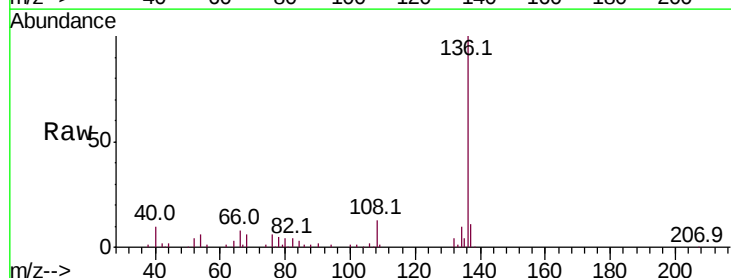
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 6.0 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) (-)

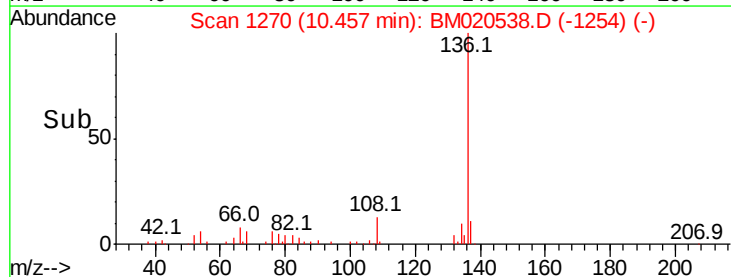
100000

50000

0

10.46

Time--> 10.40 10.50

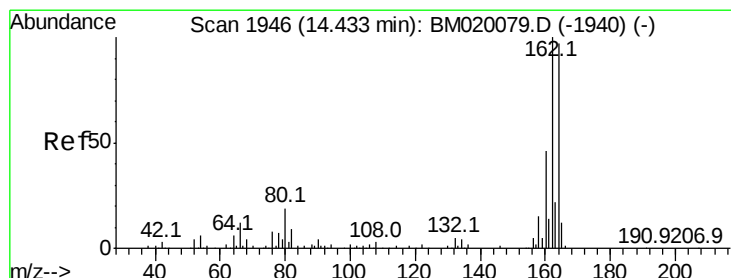
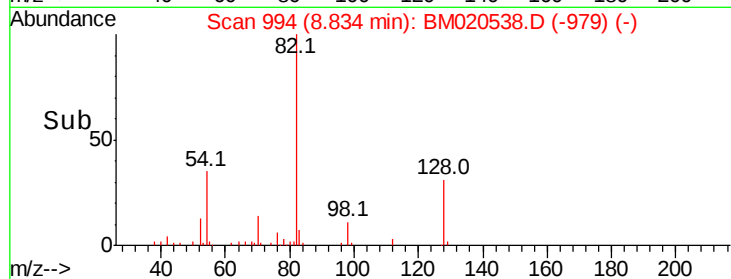
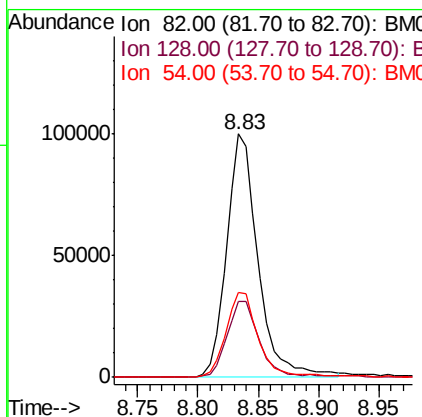
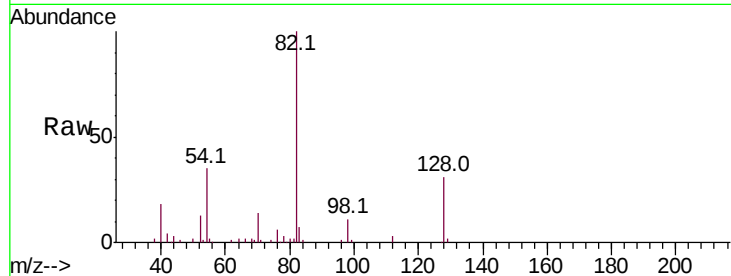




#23
Nitrobenzene-d5
Concen: 46.396 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020538.D
Acq: 24 May 2019 04:36

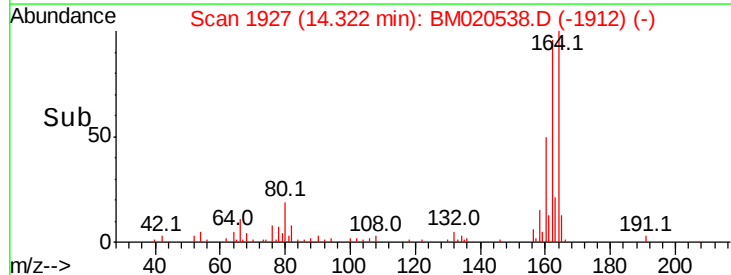
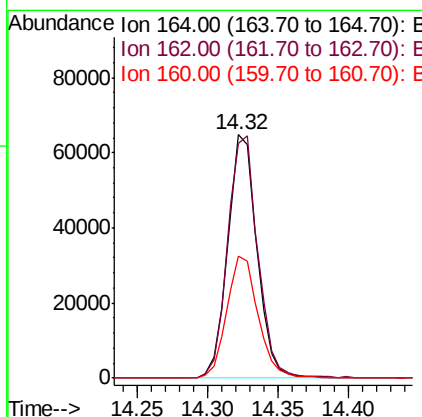
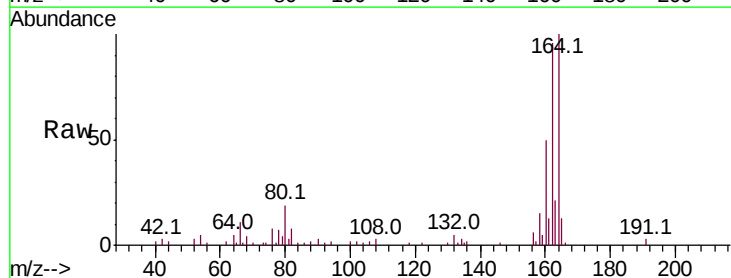
Instrument :
BNA_M
ClientSampled :

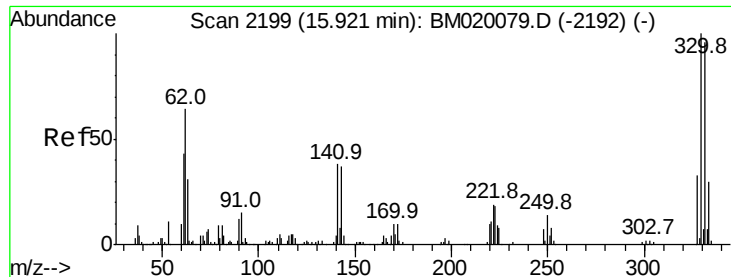
Tot Ion: 82 Resp: 180878
Ion Ratio Lower Upper
82 100
128 31.4 25.2 37.8
54 34.8 31.9 47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM020538.D
Acq: 24 May 2019 04:36

Tgt Ion:164 Resp: 93765
Ion Ratio Lower Upper
164 100
162 96.5 82.2 123.2
160 49.9 37.6 56.4

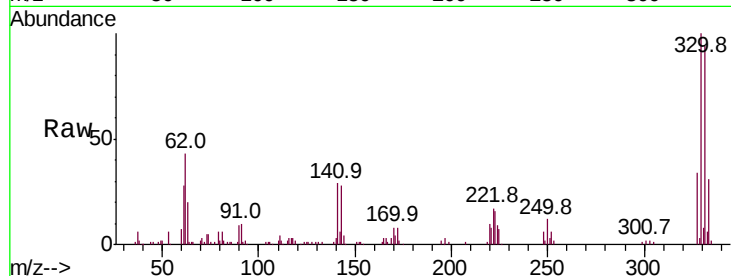




#42
 2,4,6-Tribromophenol
 Concen: 82.923 ng
 RT: 15.82 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BM020538.D
 Acq: 24 May 2019 04:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	28.8	29.2	43.8#

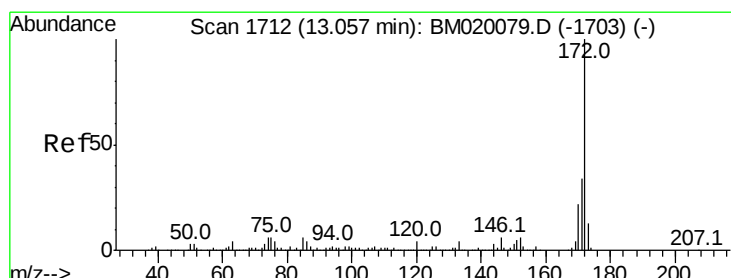
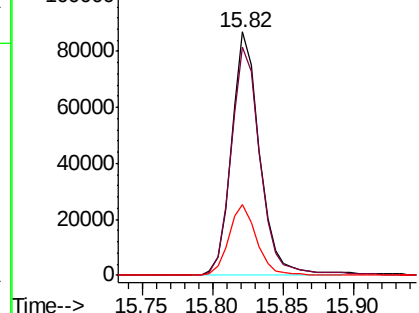
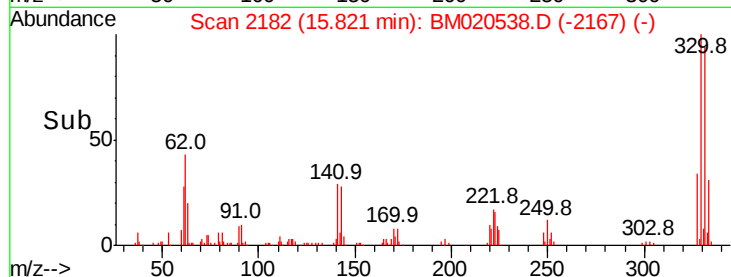


Abundance

Ion 329.80 (329.50 to 330.50): E

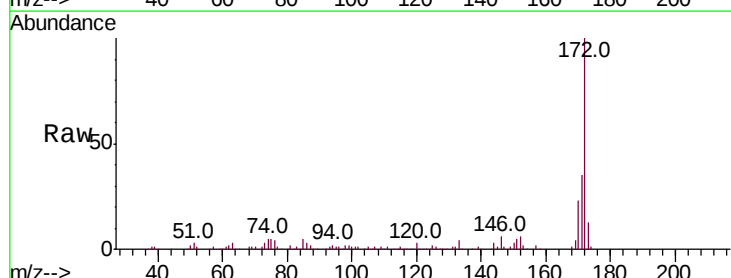
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 51.669 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020538.D
 Acq: 24 May 2019 04:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.8	17.9	26.9

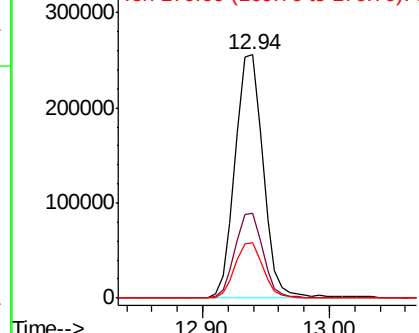
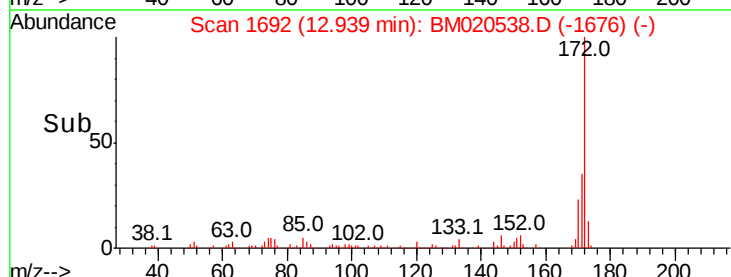


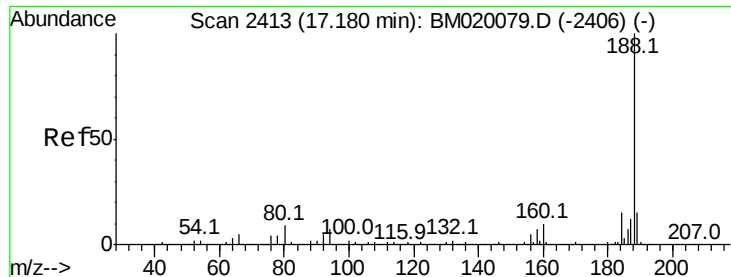
Abundance

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

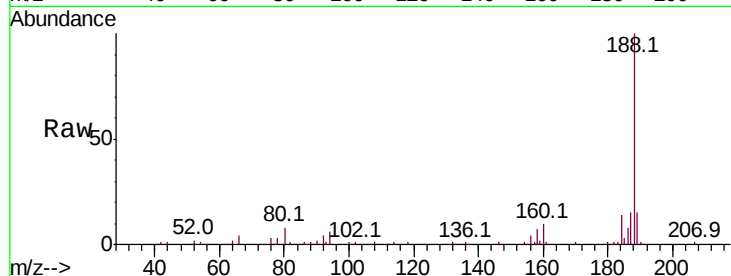




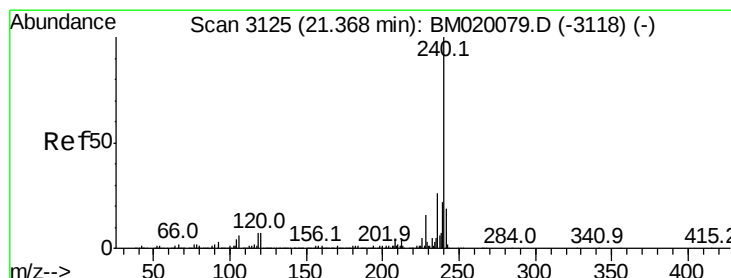
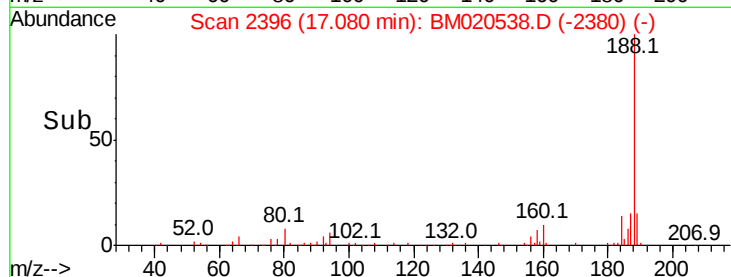
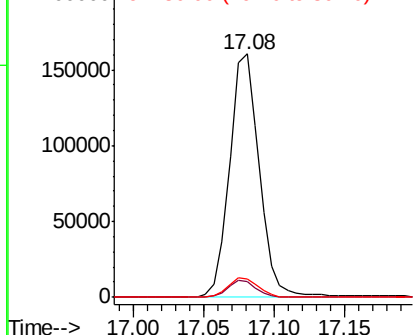
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020538.D
Acq: 24 May 2019 04:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 235944
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 7.6 7.4 11.2

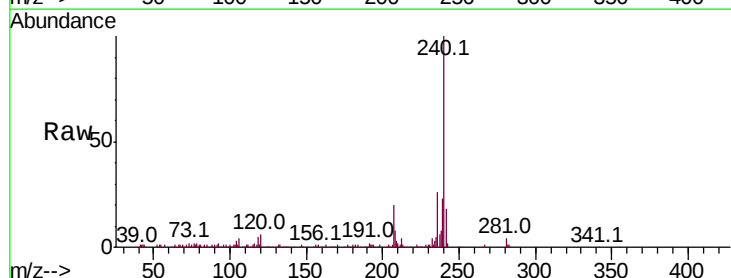


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

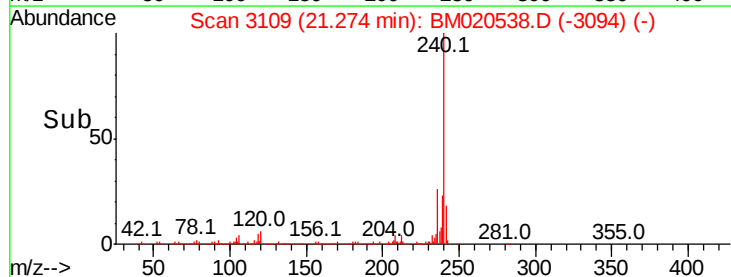
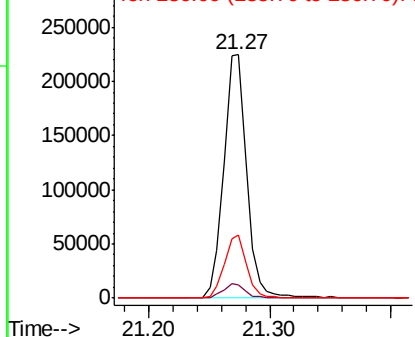


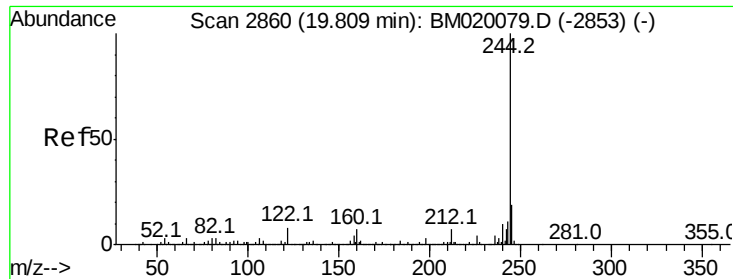
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020538.D
Acq: 24 May 2019 04:36

Tgt Ion:240 Resp: 295302
Ion Ratio Lower Upper
240 100
120 5.6 5.6 8.4
236 25.7 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: 46.227 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM020538.D

Acq: 24 May 2019 04:36

Instrument :

BNA_M

ClientSampleId :

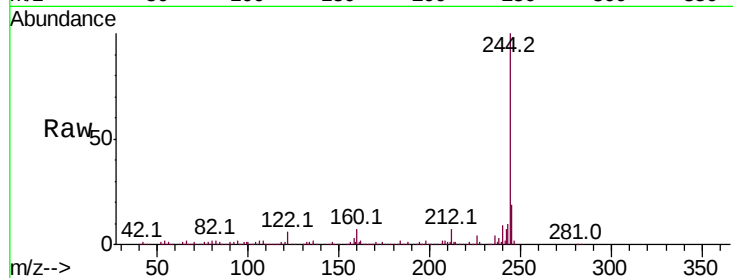
Tot Ion:244 Resp: 782639

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

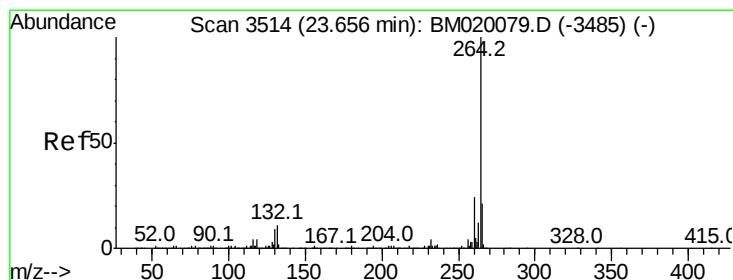
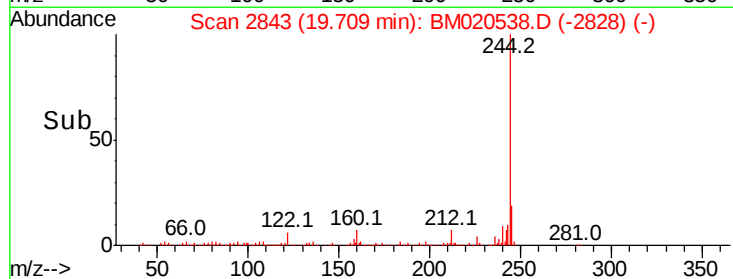
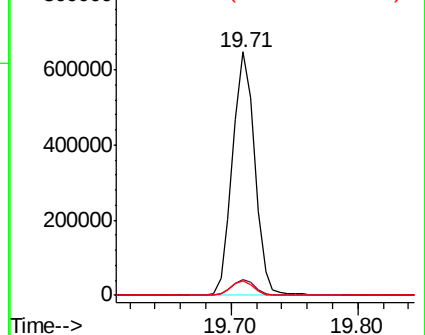
122 5.9 6.2 9.2#



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: 23.52 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020538.D

Acq: 24 May 2019 04:36

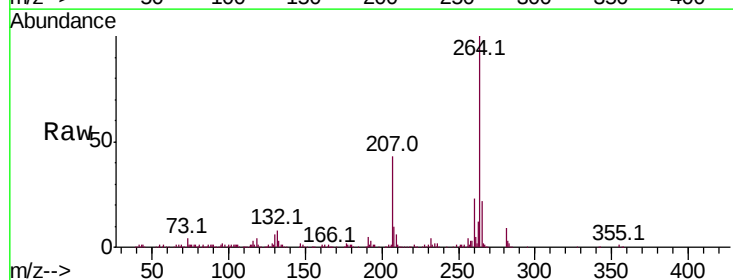
Tgt Ion:264 Resp: 363342

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.1 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

