

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020579.D
 Acq On : 28 May 2019 13:50
 Operator : JU/SJ
 Sample : K2643-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-A

Quant Time: May 28 14:27:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	49888	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	133186	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	94111	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	220812	20.00	ng	0.00
76) Chrysene-d12	21.27	240	287570	20.00	ng	0.00
87) Perylene-d12	23.50	264	342369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	339866	133.65	ng	-0.01
7) Phenol-d6	6.83	99	350387	91.29	ng	-0.01
23) Nitrobenzene-d5	8.82	82	319559	100.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.81	330	238787	126.65	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	697471	93.00	ng	-0.01
79) Terphenyl-d14	19.70	244	1603250	100.79	ng	-0.01

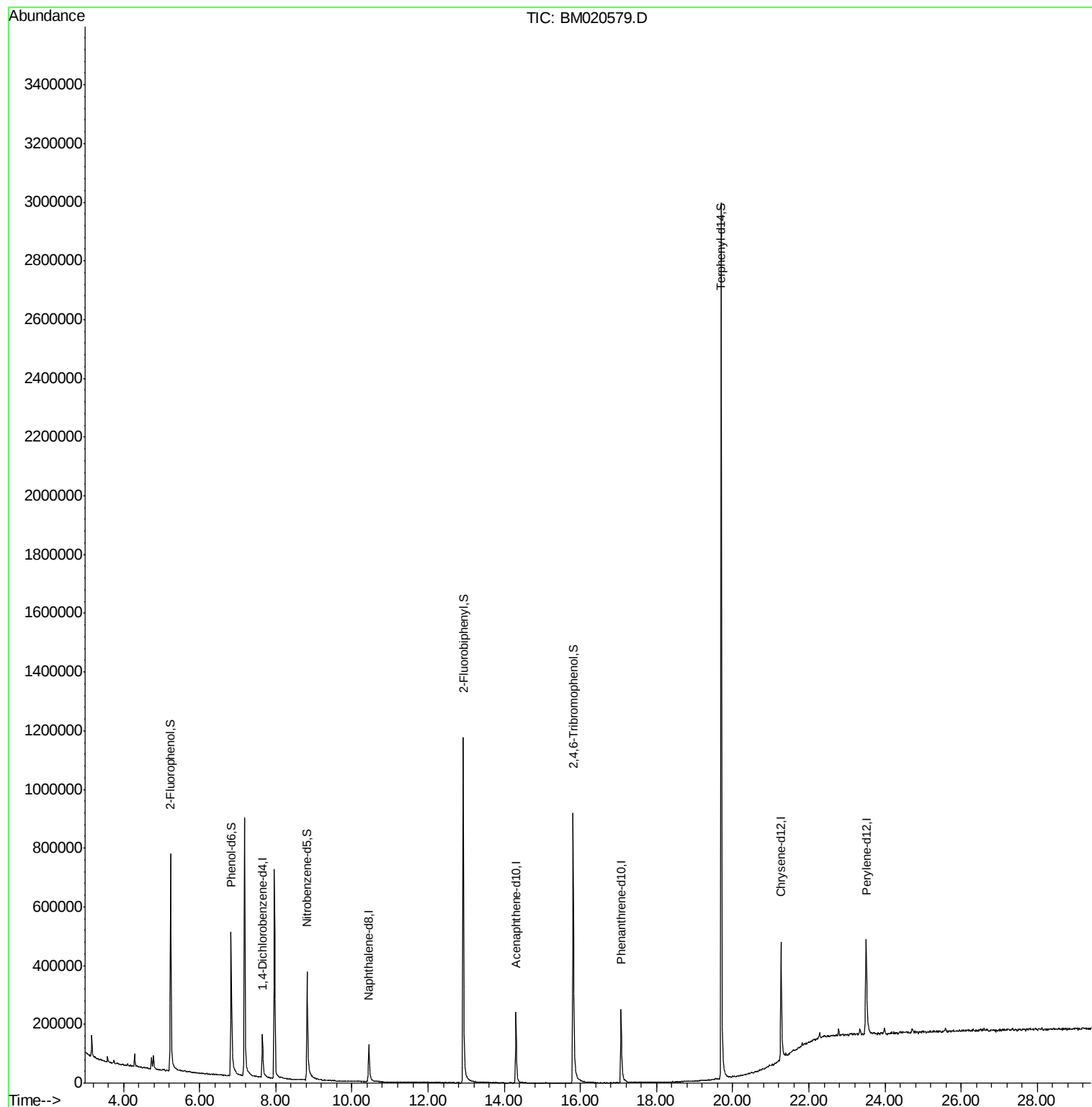
Target Compounds Qvalue

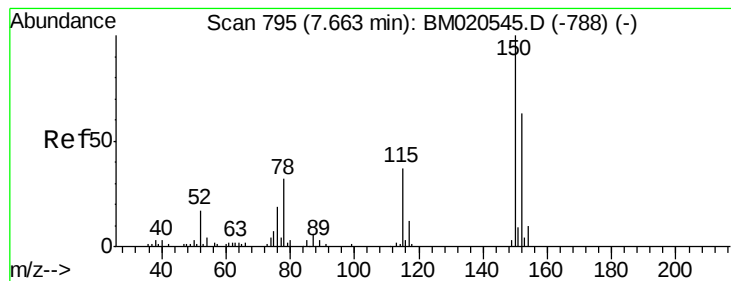
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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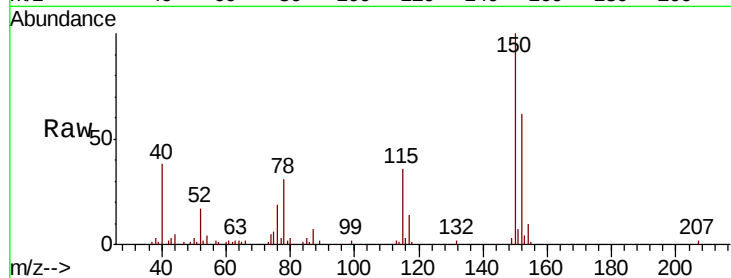


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.6	190.0
115	59.1	46.6	70.0

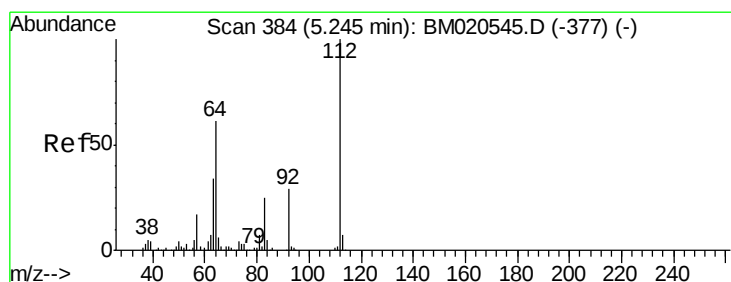
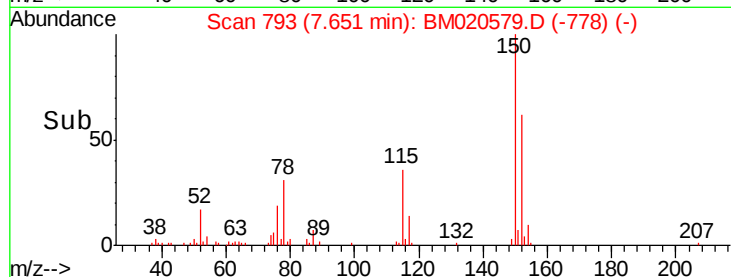
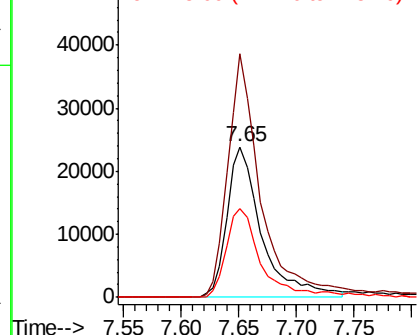


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

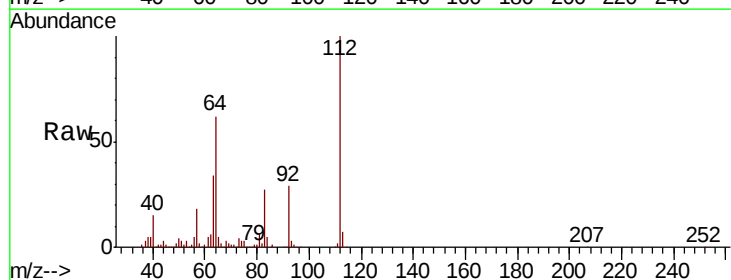
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.650 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.6	73.0
63	34.1	27.4	41.0

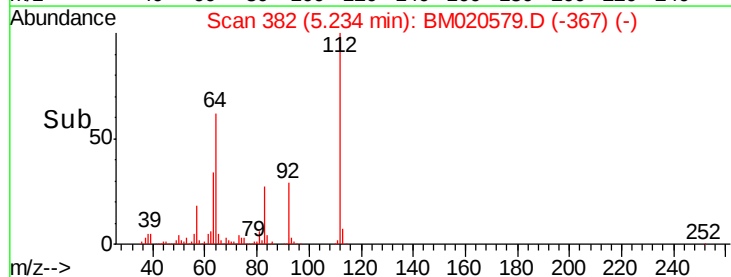
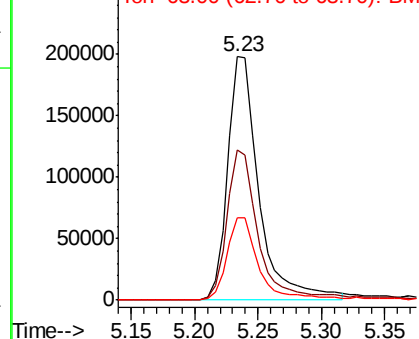


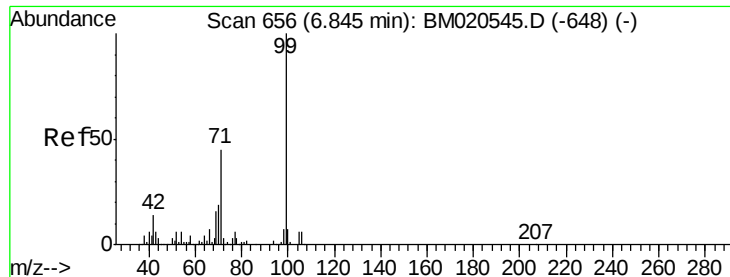
Abundance

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: 91.290 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-A

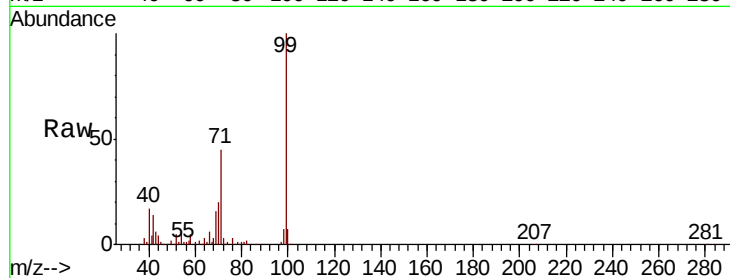
Tot Ion: 99 Resp: 350387

Ion Ratio Lower Upper

99 100

42 14.2 10.8 16.2

71 45.4 36.3 54.5

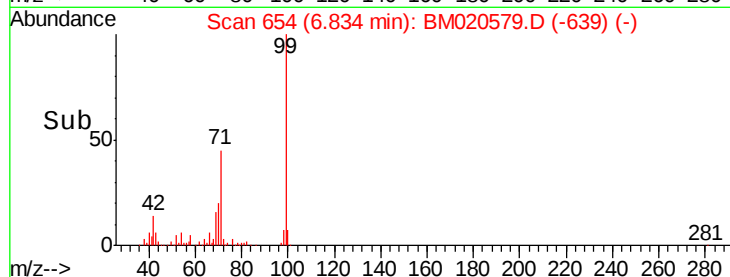


Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)

Time-->

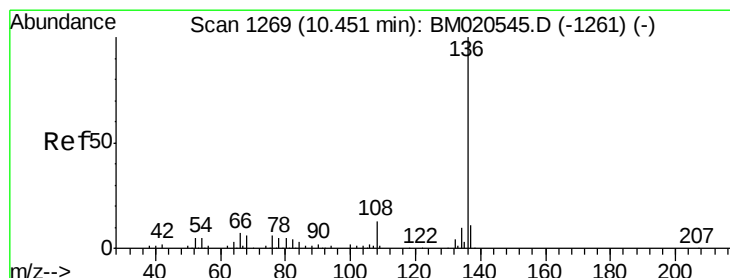


Abundance Ion 99.00 (98.70 to 99.70): BM020579.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM020579.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM020579.D (-639) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

Tgt Ion: 136 Resp: 133186

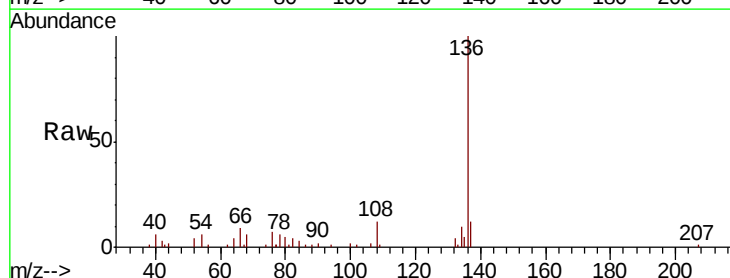
Ion Ratio Lower Upper

136 100

137 12.0 8.4 12.6

54 5.9 4.2 6.4

68 5.8 4.6 7.0



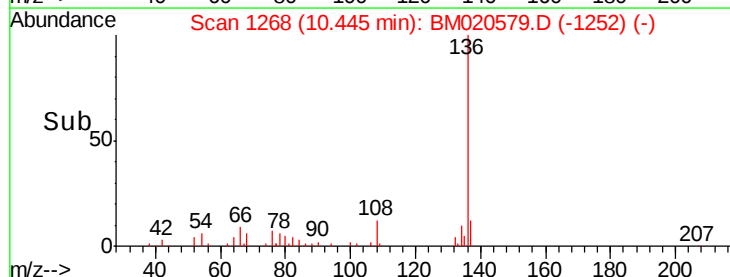
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

Time-->



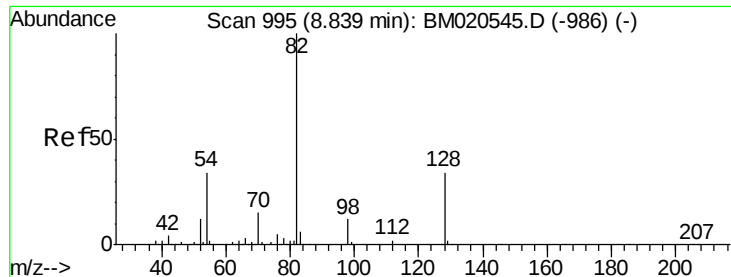
Abundance Ion 136.00 (135.70 to 136.70): BM020579.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM020579.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM020579.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM020579.D (-1252) (-)

Time-->



#23

Nitrobenzene-d5

Concen: 100.707 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.02 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-A

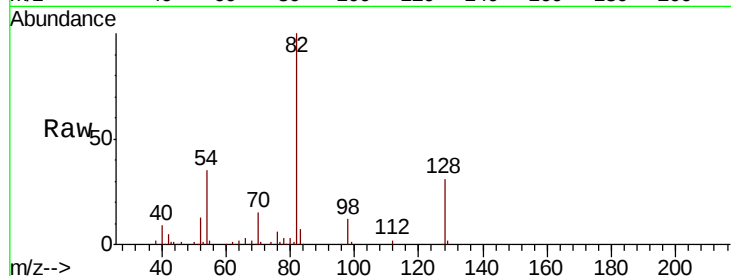
Tot Ion: 82 Resp: 319559

Ion Ratio Lower Upper

82 100

128 30.7 27.0 40.4

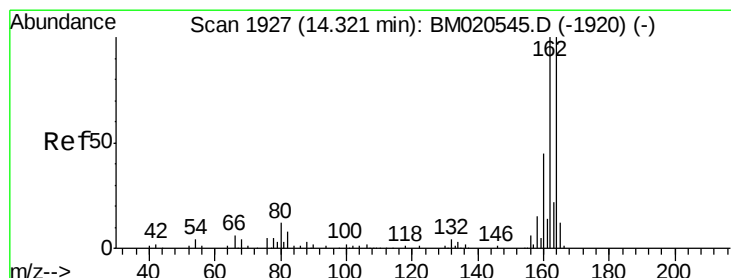
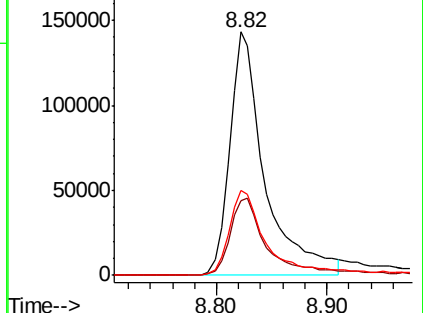
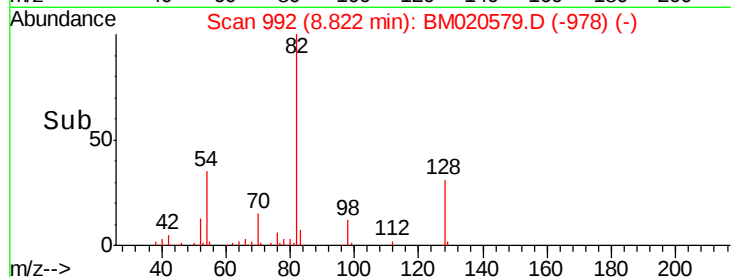
54 35.1 27.4 41.2



Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM020545.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-986) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

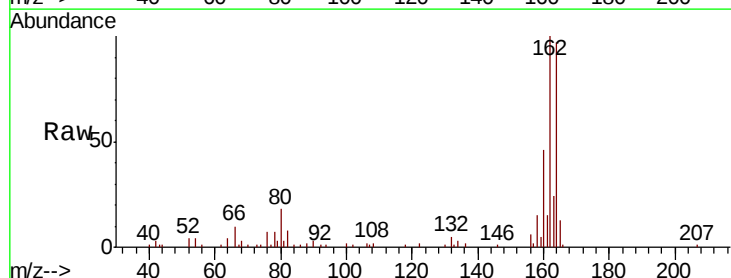
Tgt Ion:164 Resp: 94111

Ion Ratio Lower Upper

164 100

162 102.6 79.8 119.8

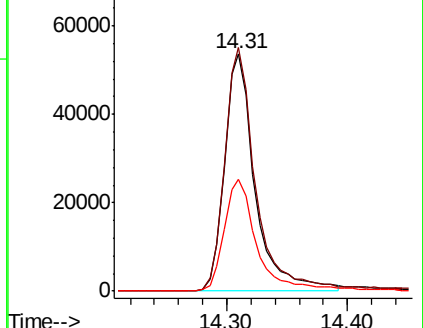
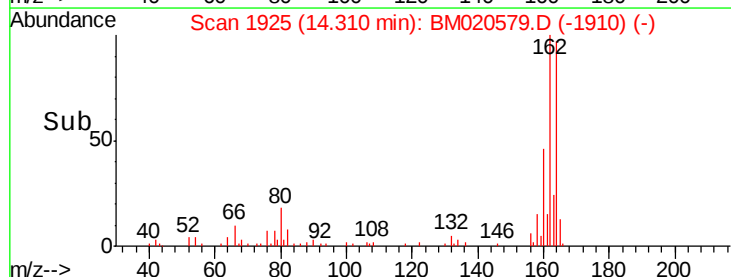
160 47.0 35.9 53.9

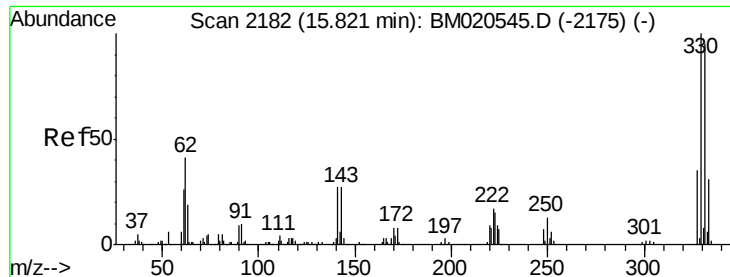


Abundance Ion 164.00 (163.70 to 164.70): BM020545.D (-1920) (-)

Ion 162.00 (161.70 to 162.70): BM020545.D (-1920) (-)

Ion 160.00 (159.70 to 160.70): BM020545.D (-1920) (-)





#42

2,4,6-Tribromophenol

Concen: 126.645 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-A

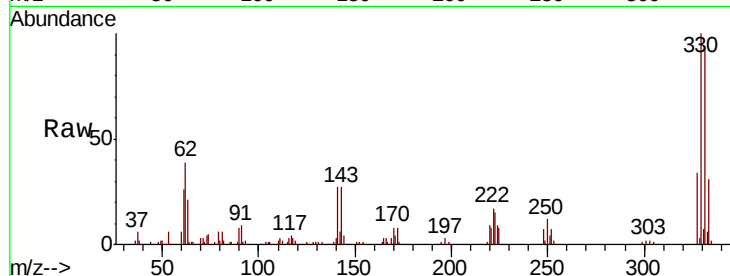
Tot Ion:330 Resp: 238787

Ion Ratio Lower Upper

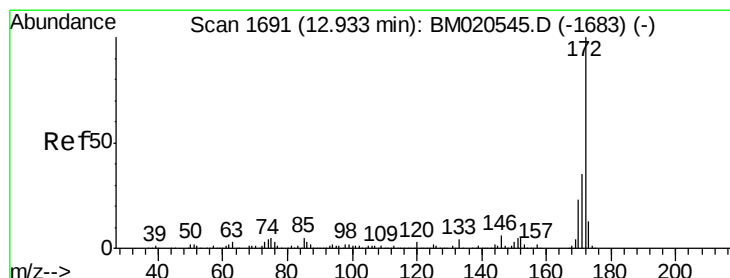
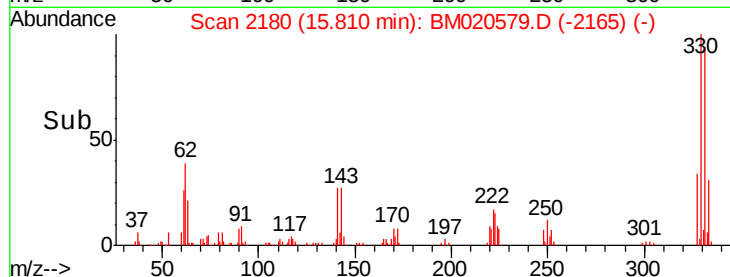
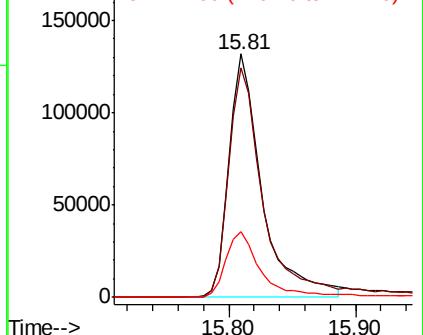
330 100

332 96.6 77.5 116.3

141 28.1 21.7 32.5



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: 92.996 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

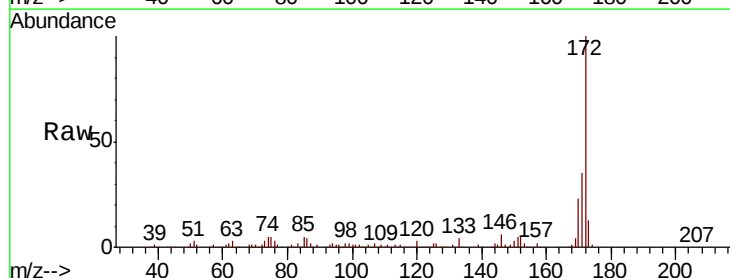
Tgt Ion:172 Resp: 697471

Ion Ratio Lower Upper

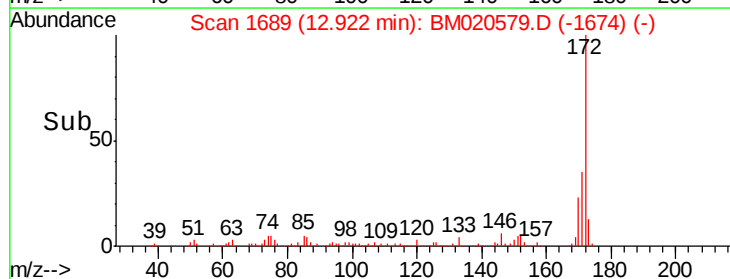
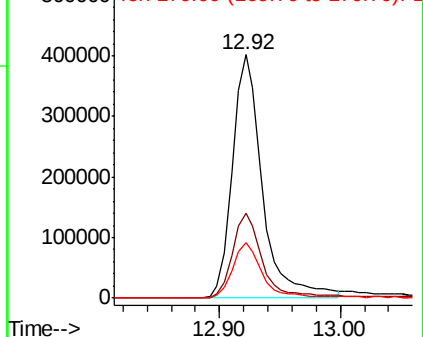
172 100

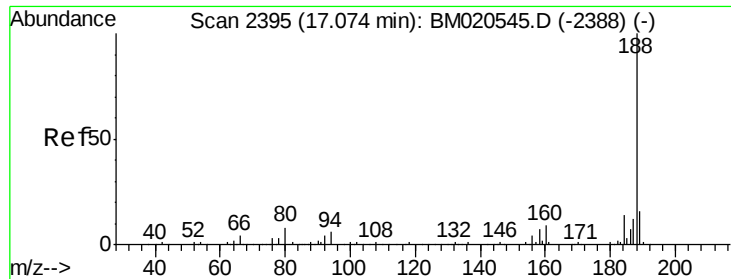
171 34.8 27.9 41.9

170 23.0 18.2 27.4



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: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

Instrument :

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ClientSampleId :

OR-03-052319-A

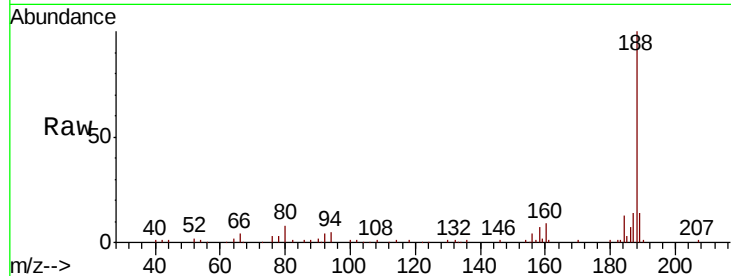
Tot Ion:188 Resp: 220812

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.4

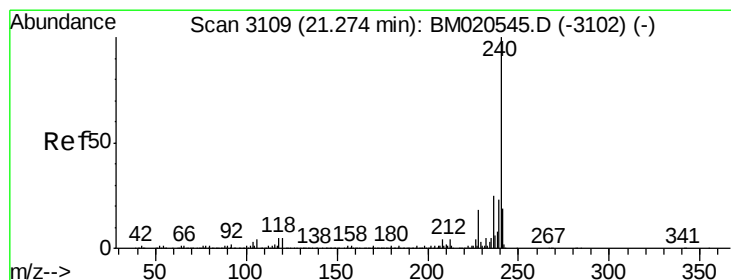
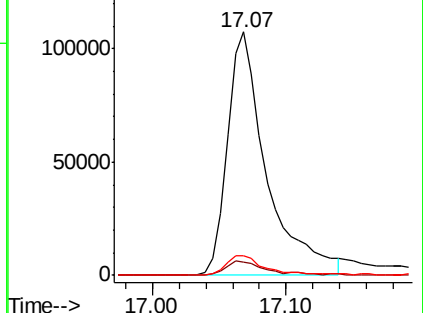
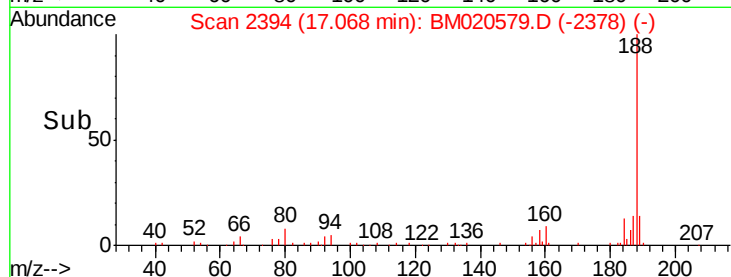
80 8.2 6.5 9.7



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# 3108

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

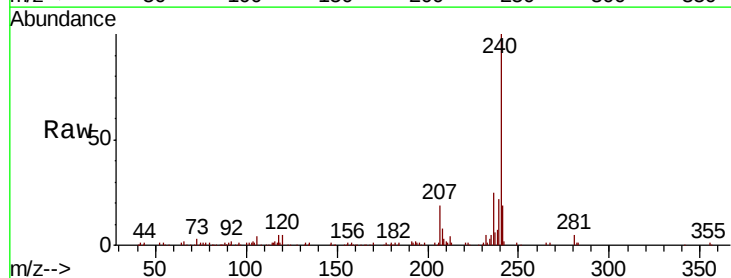
Tgt Ion:240 Resp: 287570

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

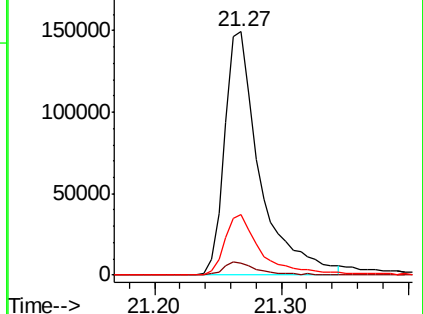
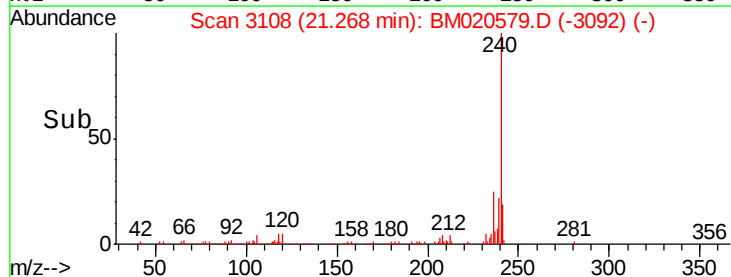
236 24.8 20.2 30.4

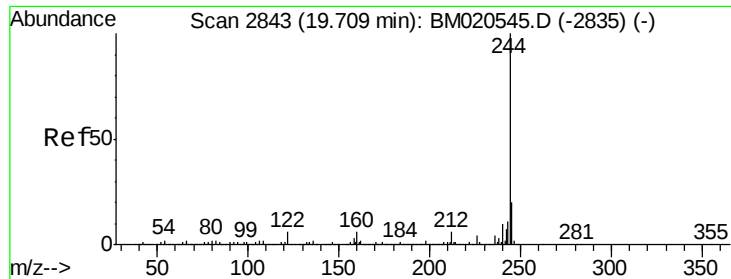


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.787 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

Instrument :

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OR-03-052319-A

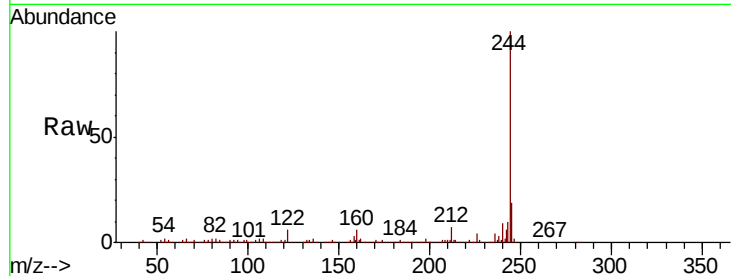
Tot Ion:244 Resp: 1603250

Ion Ratio Lower Upper

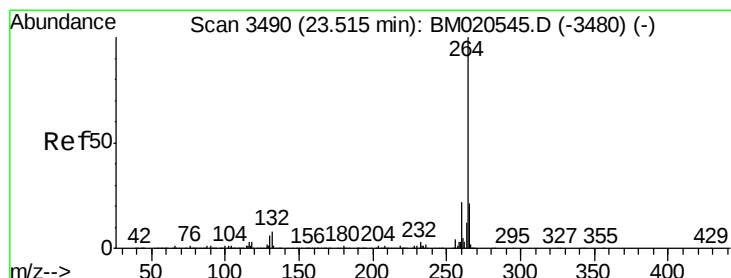
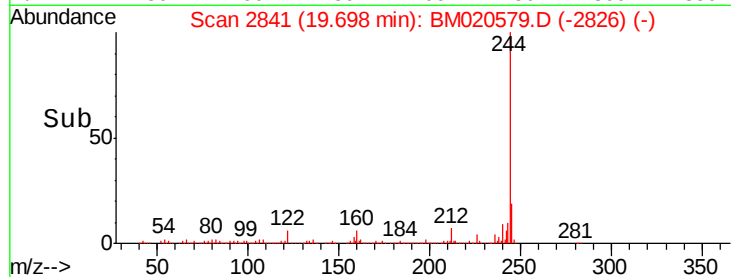
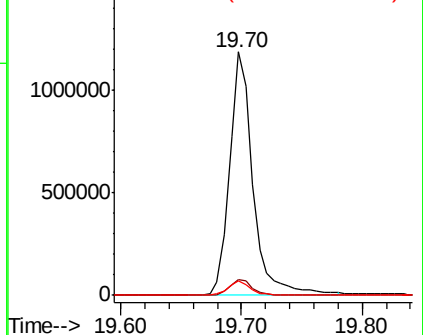
244 100

212 6.7 5.0 7.6

122 5.9 4.6 7.0



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: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020579.D

Acq: 28 May 2019 13:50

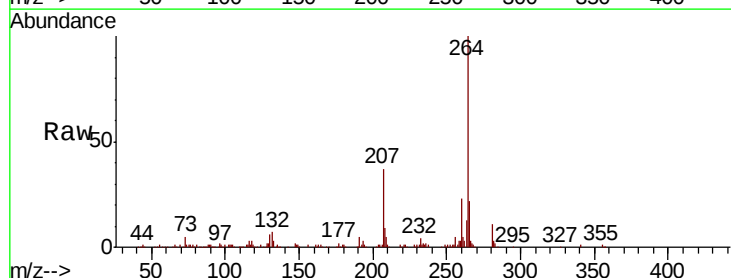
Tgt Ion:264 Resp: 342369

Ion Ratio Lower Upper

264 100

260 23.2 17.7 26.5

265 22.2 17.4 26.2



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

