

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020575.D
 Acq On : 28 May 2019 11:24
 Operator : JU/SJ
 Sample : K2873-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FEBH-09(39-39.5)

Quant Time: May 28 13:24:49 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

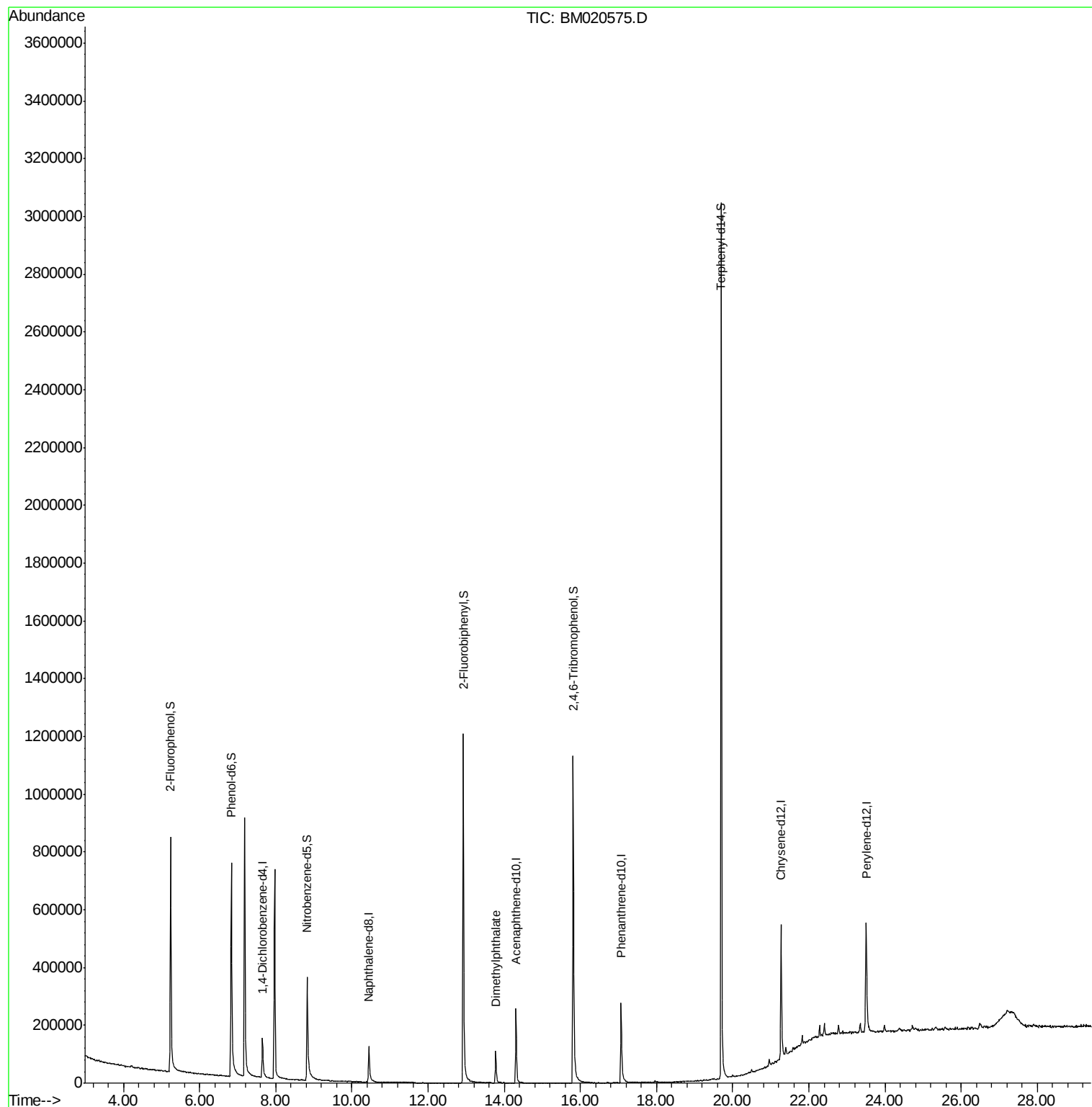
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	46656	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	129961	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	95165	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	237084	20.00	ng	0.00
76) Chrysene-d12	21.27	240	306849	20.00	ng	0.00
87) Perylene-d12	23.50	264	362411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	388339	163.29	ng	0.00
7) Phenol-d6	6.83	99	498873	138.98	ng	-0.01
23) Nitrobenzene-d5	8.83	82	325243	105.04	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	285136	149.55	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	698599	92.11	ng	-0.01
79) Terphenyl-d14	19.70	244	1620347	95.46	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.77	163	92749	11.003	ng	Qvalue 98

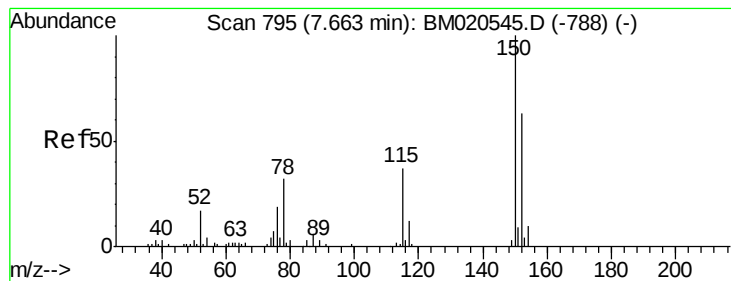
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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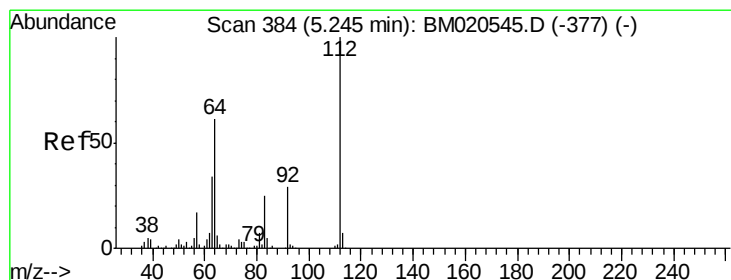
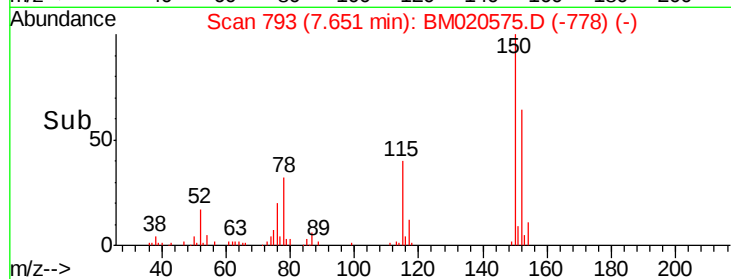
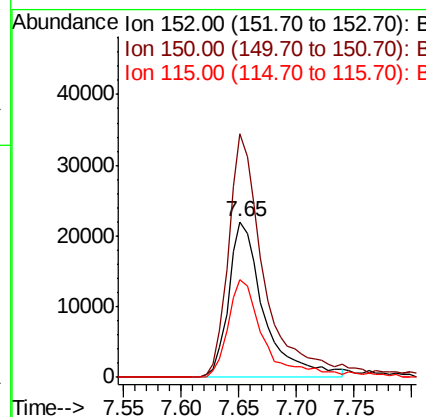
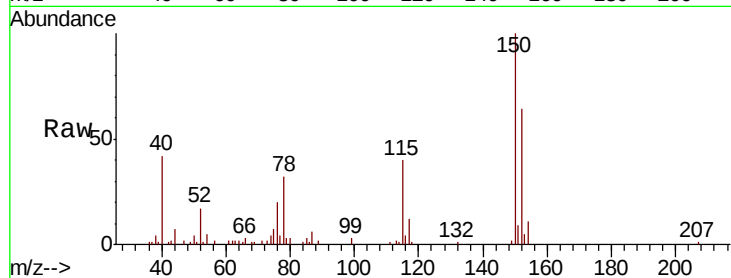


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020575.D
Acq: 28 May 2019 11:24

Instrument :
BNA_M
ClientSampleId :
FEBH-09(39-39.5)

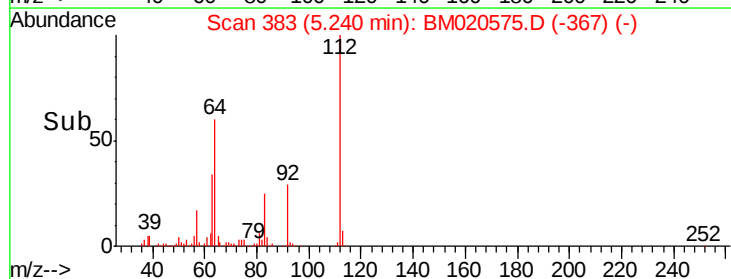
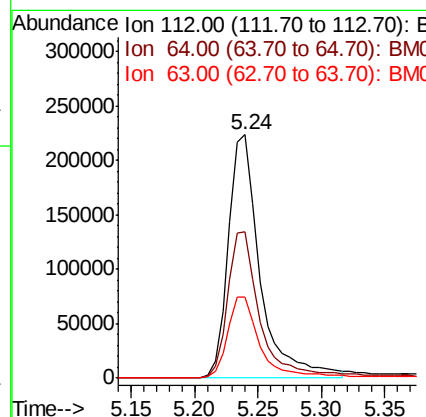
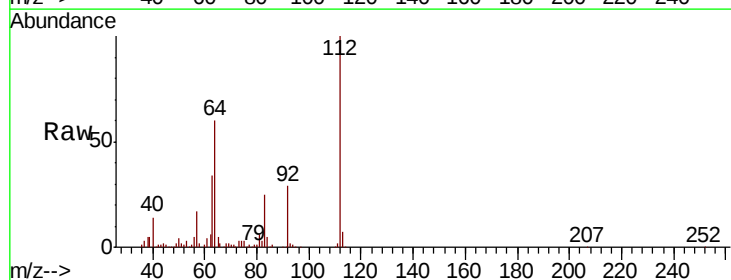
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	190.0
115	62.5	46.6	70.0

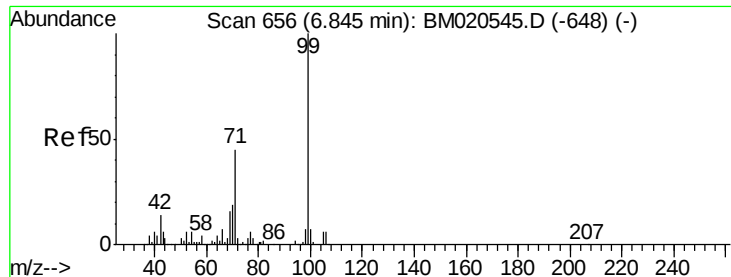


#5

2-Fluorophenol
Concen: 163.291 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM020575.D
Acq: 28 May 2019 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.6	73.0
63	33.5	27.4	41.0





#7

Phenol-d6

Concen: 138.980 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM020575.D

Acq: 28 May 2019 11:24

Instrument :

BNA_M

ClientSampleId :

FEBH-09(39-39.5)

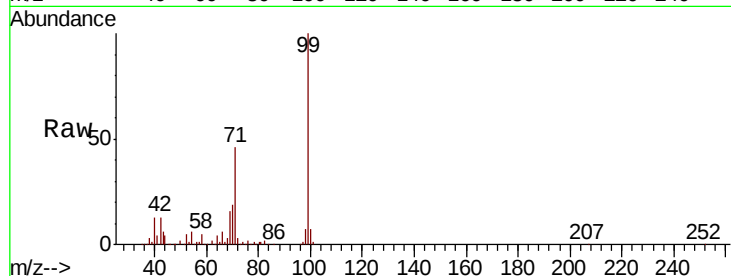
Tot Ion: 99 Resp: 498873

Ion Ratio Lower Upper

99 100

42 13.3 10.8 16.2

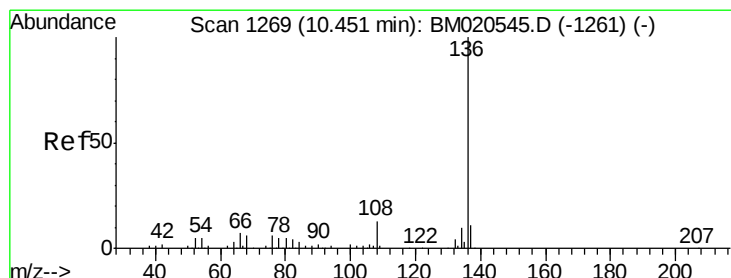
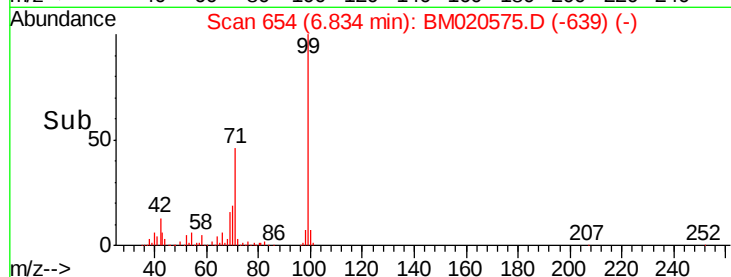
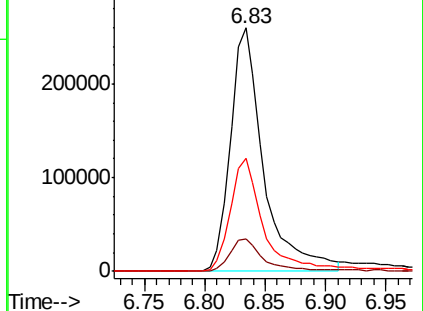
71 46.4 36.3 54.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM020575.D

Acq: 28 May 2019 11:24

Tgt Ion: 136 Resp: 129961

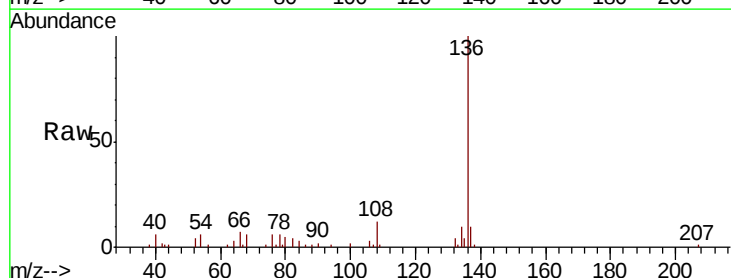
Ion Ratio Lower Upper

136 100

137 10.1 8.4 12.6

54 5.7 4.2 6.4

68 5.9 4.6 7.0

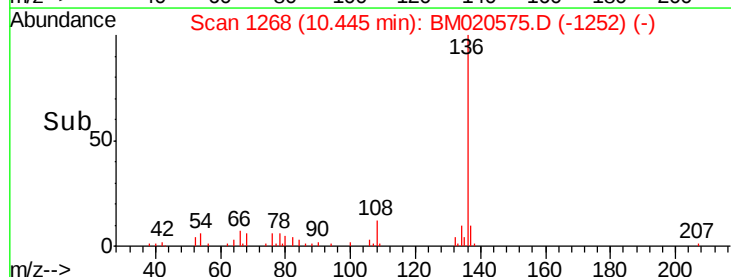
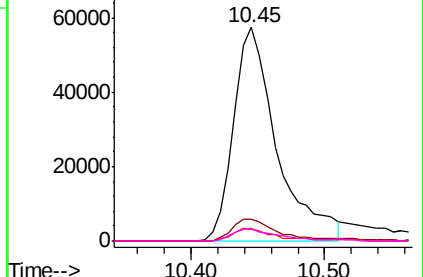


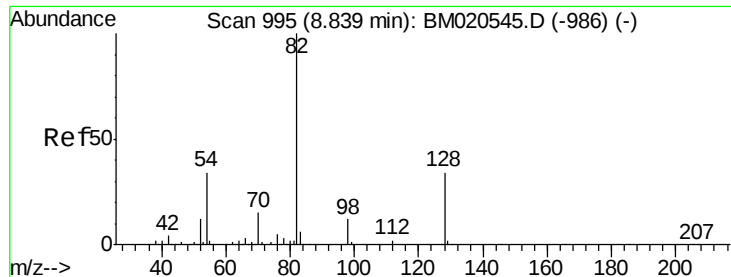
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

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) (-)

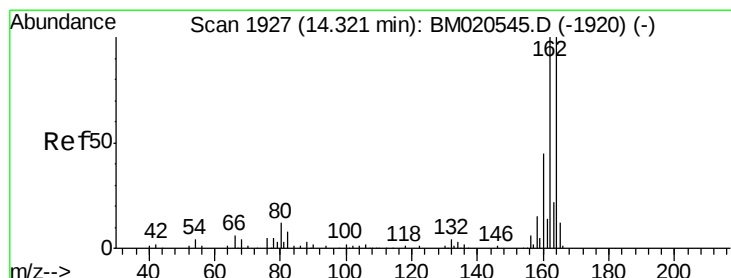
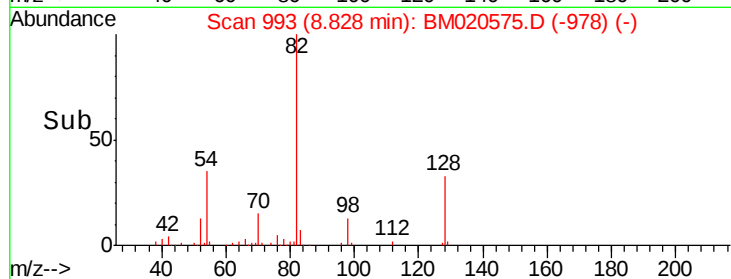
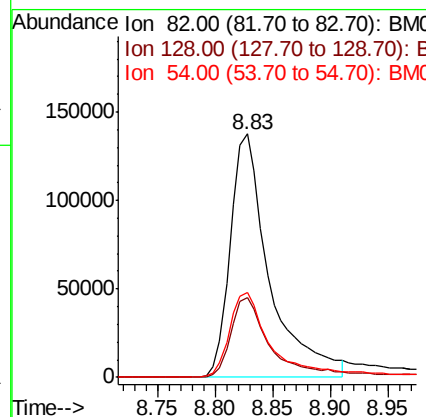
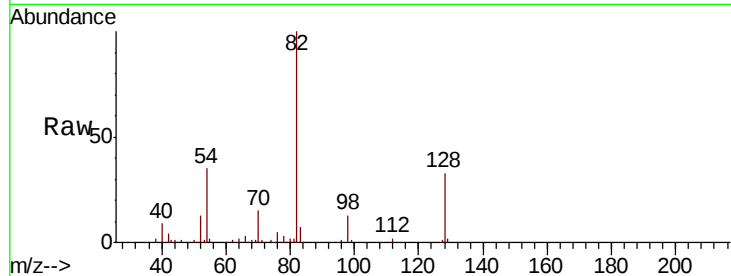




#23
 Nitrobenzene-d5
 Concen: 105.042 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM020575.D
 Acq: 28 May 2019 11:24

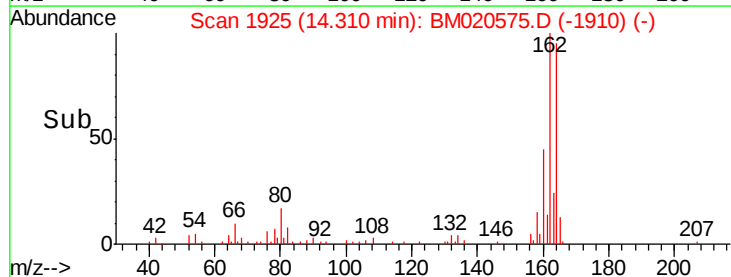
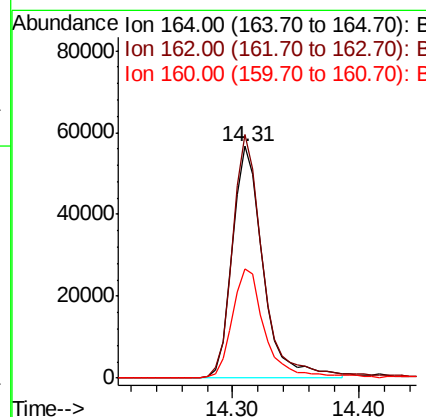
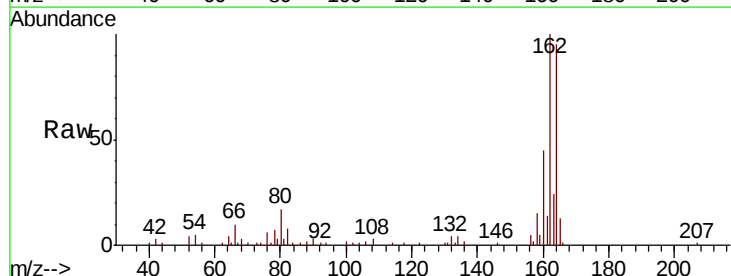
Instrument :
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 FEBH-09(39-39.5)

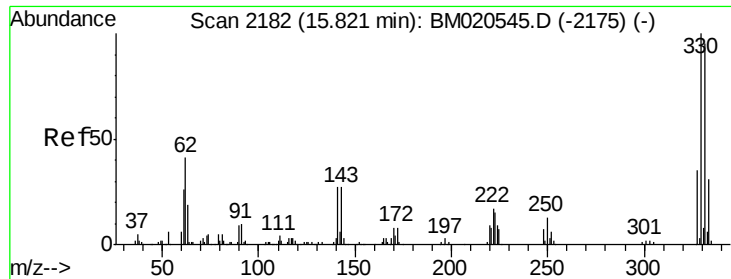
Tot Ion	82	Resp	325243
Ion Ratio	Lower	Upper	
82	100		
128	32.8	27.0	40.4
54	35.1	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM020575.D
 Acq: 28 May 2019 11:24

Tgt Ion	164	Resp	95165
Ion Ratio	Lower	Upper	
164	100		
162	105.2	79.8	119.8
160	47.4	35.9	53.9

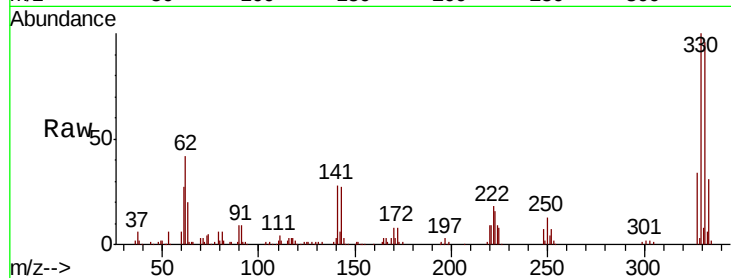




#42
 2,4,6-Tribromophenol
 Concen: 149.552 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM020575.D
 Acq: 28 May 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 FEBH-09(39-39.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	27.3	21.7	32.5

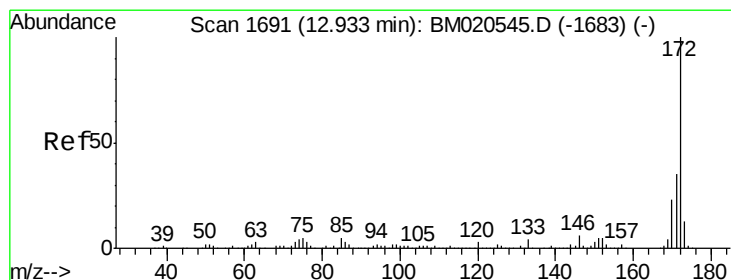
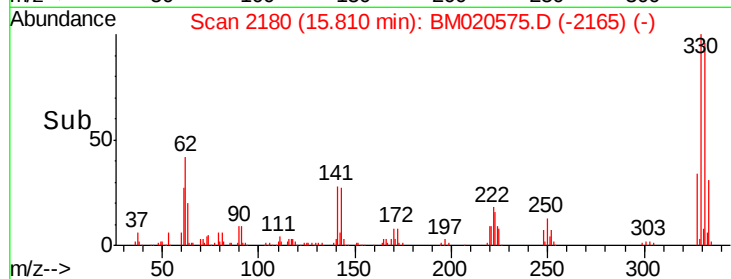
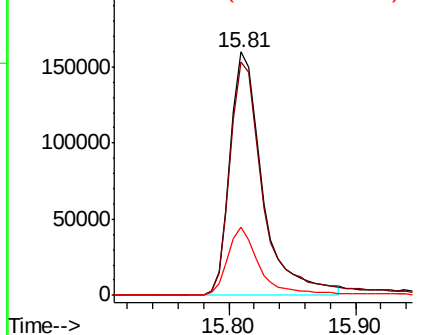


Abundance

Ion 329.80 (329.50 to 330.50): E

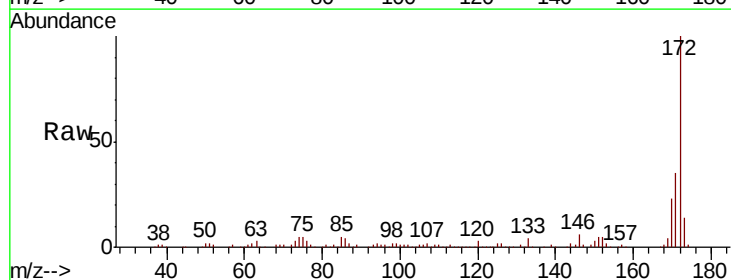
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.114 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020575.D
 Acq: 28 May 2019 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	22.9	18.2	27.4

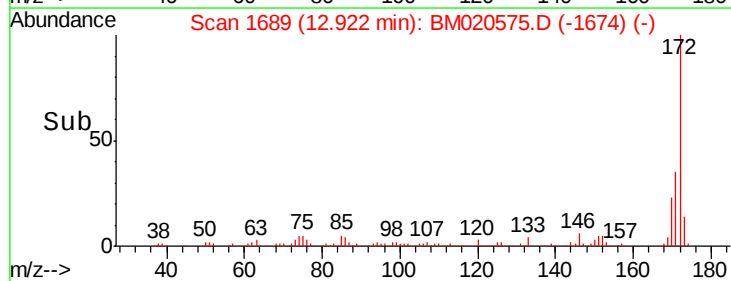
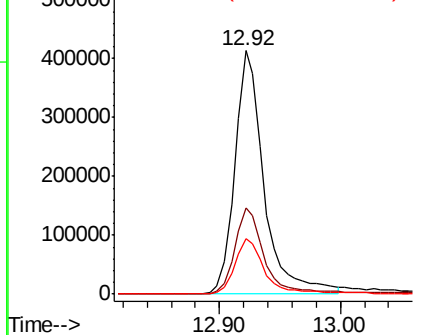


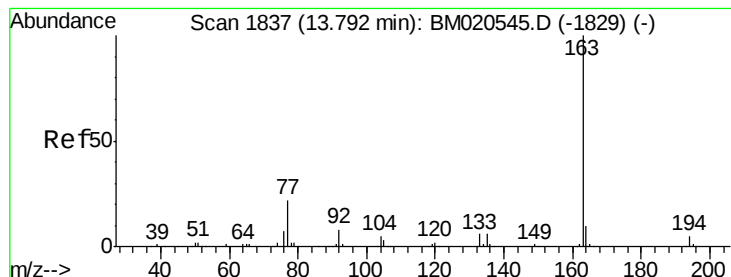
Abundance

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





#50

Dimethylphthalate

Concen: 11.003 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020575.D

Acq: 28 May 2019 11:24

Instrument :

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ClientSampleId :

FEBH-09(39-39.5)

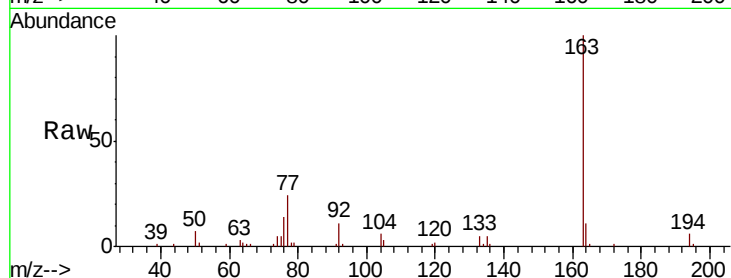
Tot Ion:163 Resp: 92749

Ion Ratio Lower Upper

163 100

194 5.9 3.9 5.9

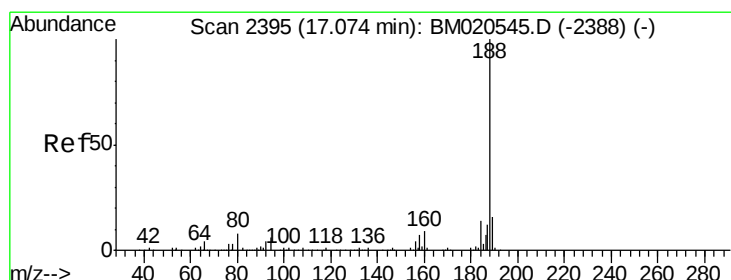
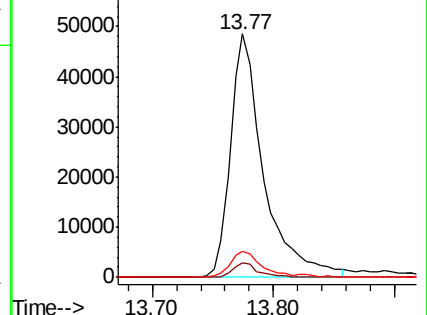
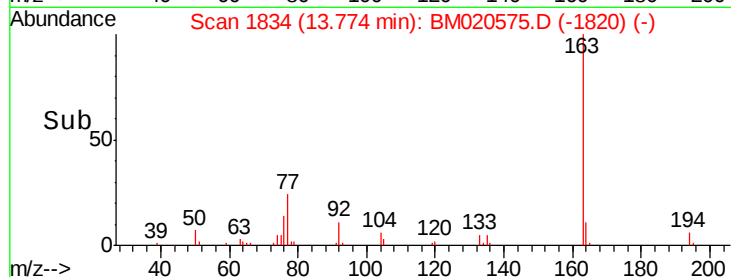
164 10.6 8.0 12.0



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: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020575.D

Acq: 28 May 2019 11:24

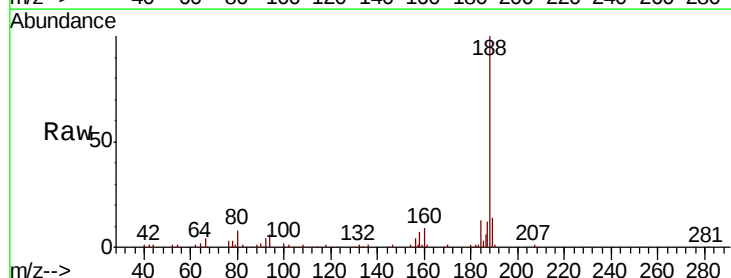
Tgt Ion:188 Resp: 237084

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

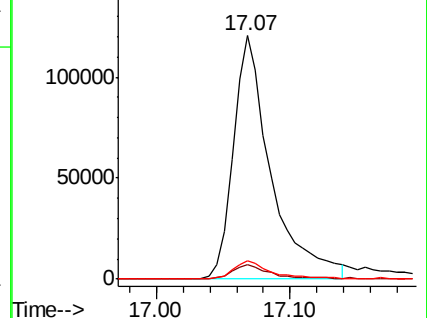
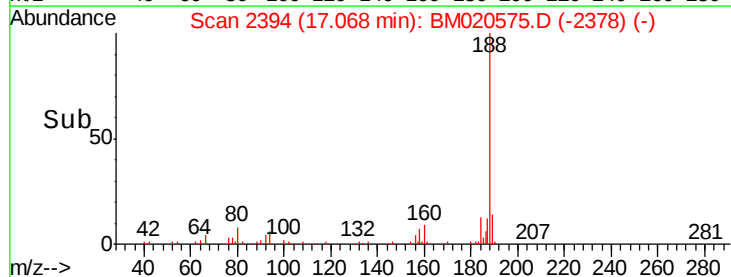
80 7.6 6.5 9.7

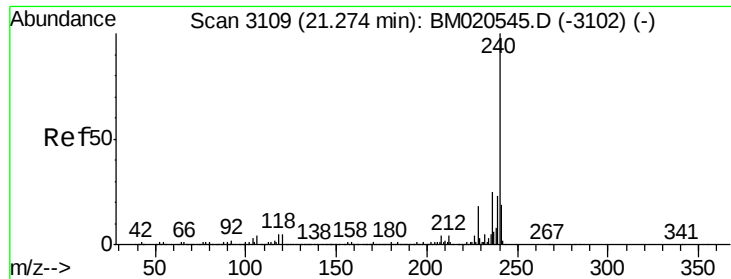


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

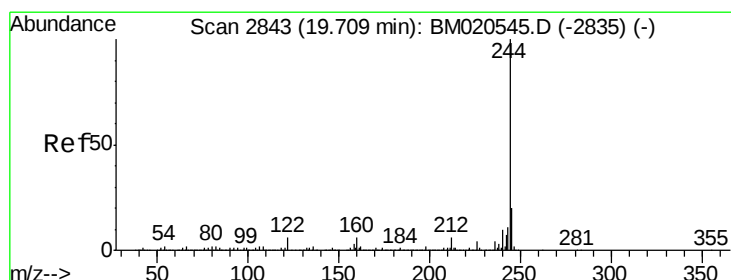
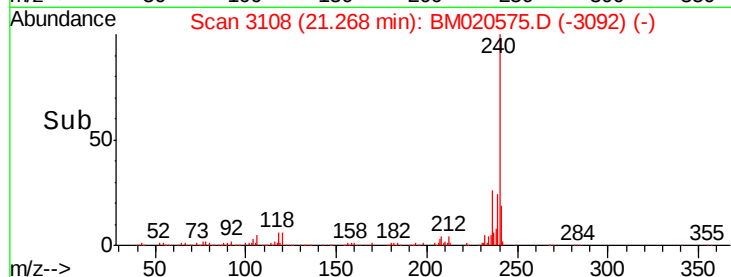
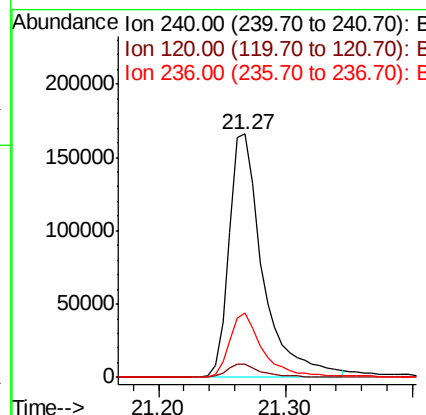
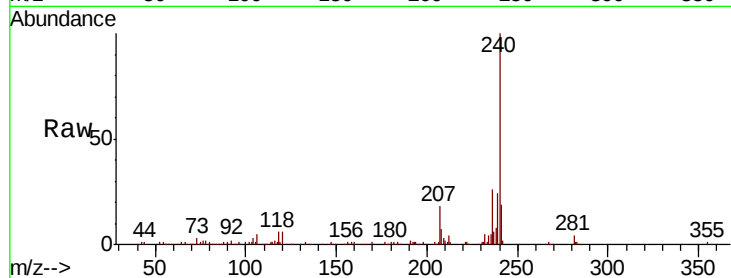




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020575.D
Acq: 28 May 2019 11:24

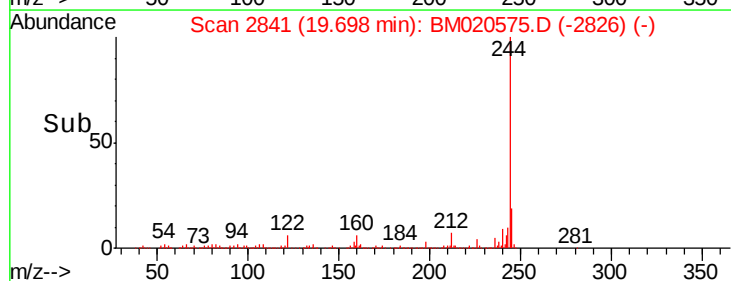
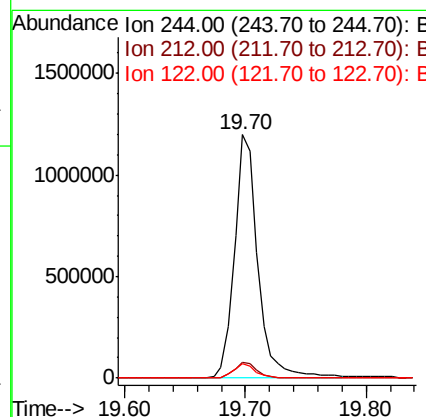
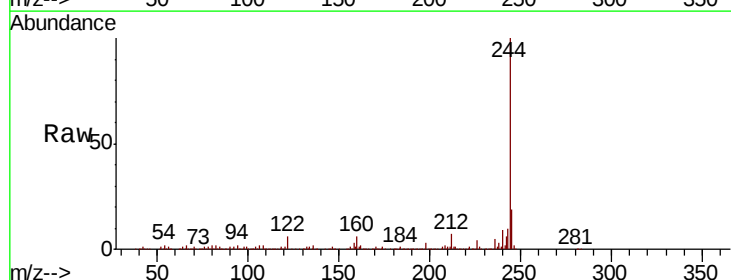
Instrument :
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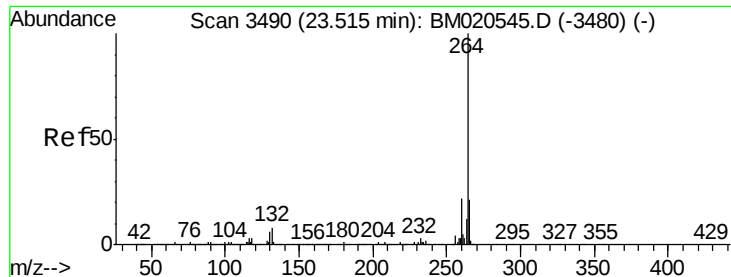
Tot Ion:240 Resp: 306849
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.4 20.2 30.4



#79
Terphenyl-d14
Concen: 95.462 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM020575.D
Acq: 28 May 2019 11:24

Tgt Ion:244 Resp: 1620347
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.6
122 6.0 4.6 7.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BM020575.D
 Acq: 28 May 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 FEBH-09(39-39.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.7	26.5
265	23.0	17.4	26.2

