

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020342.D
 Acq On : 14 May 2019 20:56
 Operator : JU/SJ
 Sample : K2841-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051019-LIFT-F-D-B

Quant Time: May 15 03:50:56 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

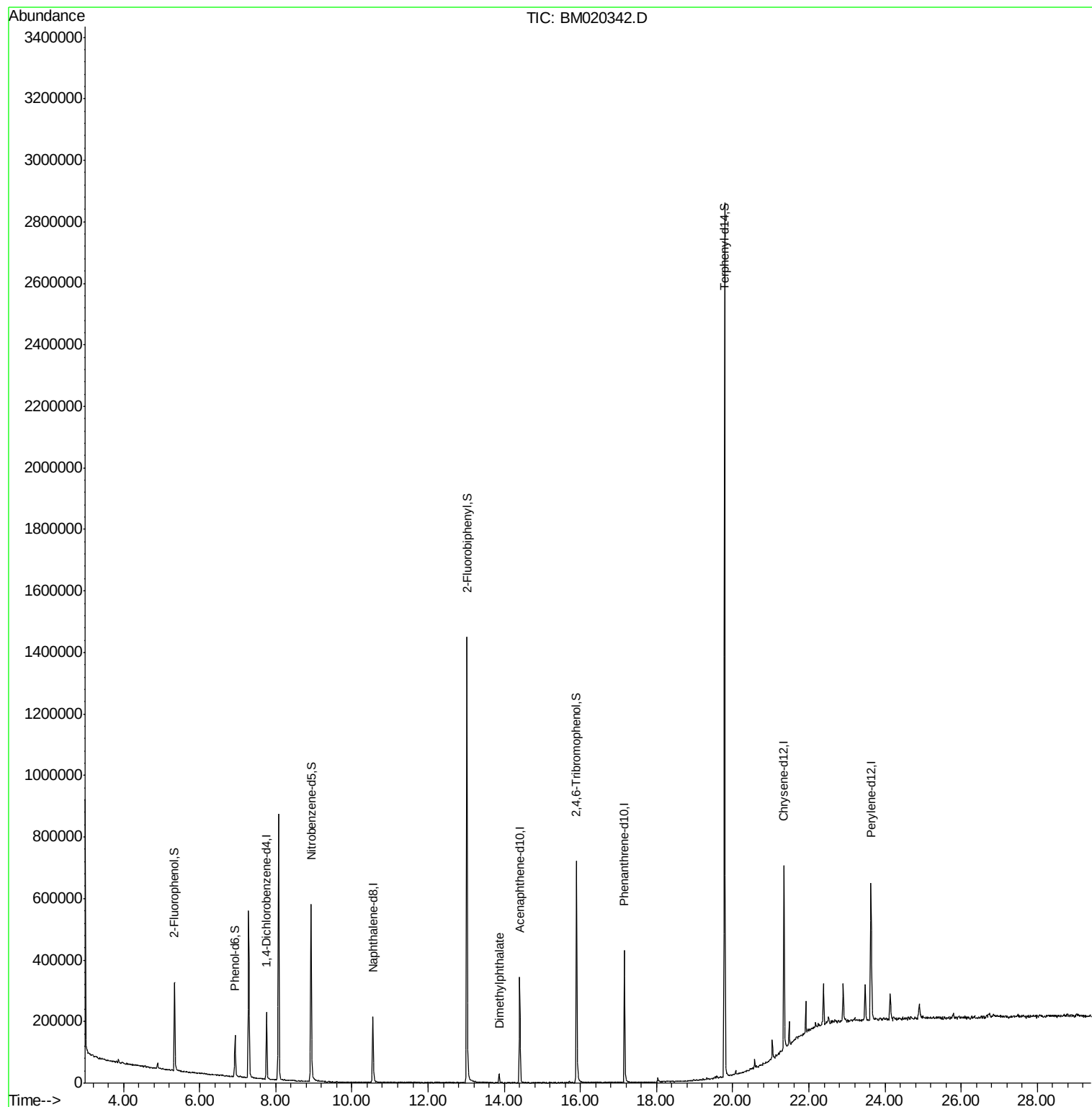
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	58683	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	184864	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	115366	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	275837	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	305532	20.00	ng	-0.02
87) Perylene-d12	23.63	264	364181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	125117	34.85	ng	-0.02
7) Phenol-d6	6.93	99	84109	17.15	ng	-0.02
23) Nitrobenzene-d5	8.93	82	403596	86.19	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	150632	84.12	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	778821	83.06	ng	-0.04
79) Terphenyl-d14	19.79	244	1369363	78.17	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	24850	2.534	ng	Qvalue 98

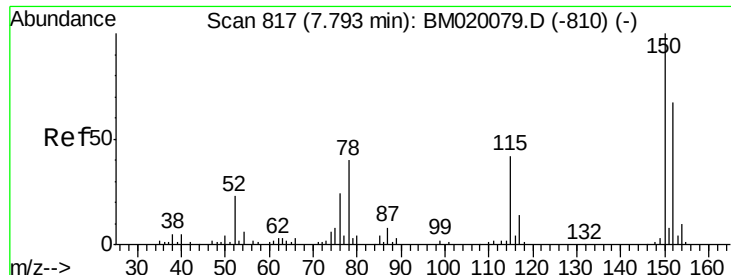
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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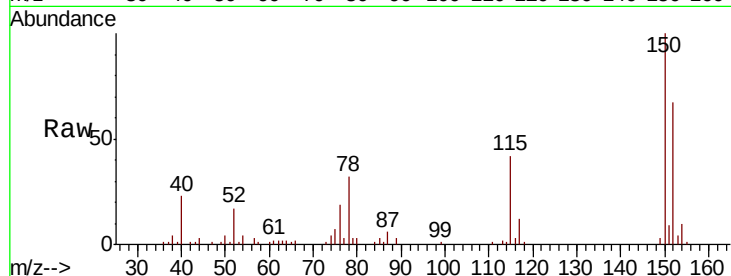




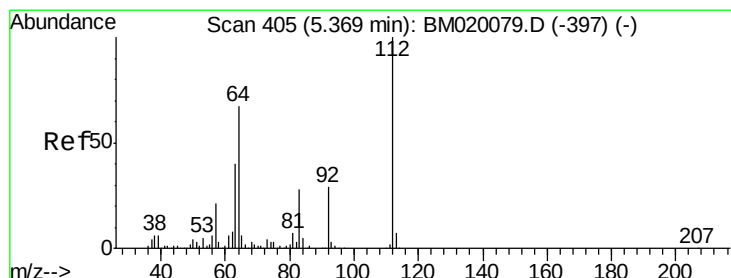
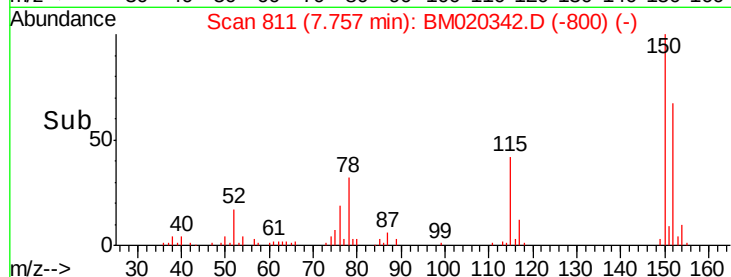
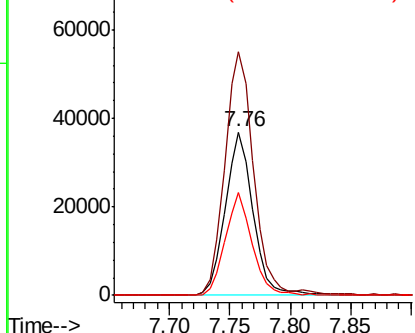
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BM020342.D
 Acq: 14 May 2019 20:56

Instrument :
 BNA_M
 ClientSampleId :
 051019-LIFT-F-D-B

Tgt Ion:152 Resp: 58683
 Ion Ratio Lower Upper
 152 100
 150 149.2 119.8 179.8
 115 62.9 50.8 76.2

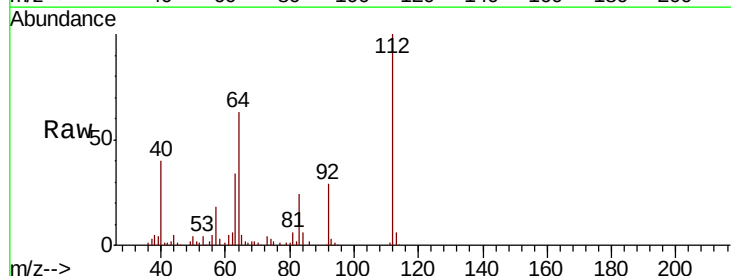


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

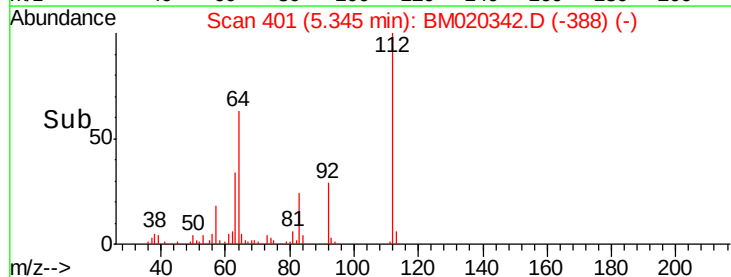
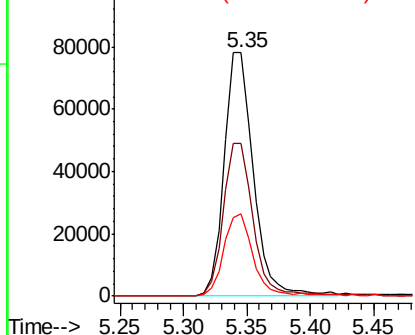


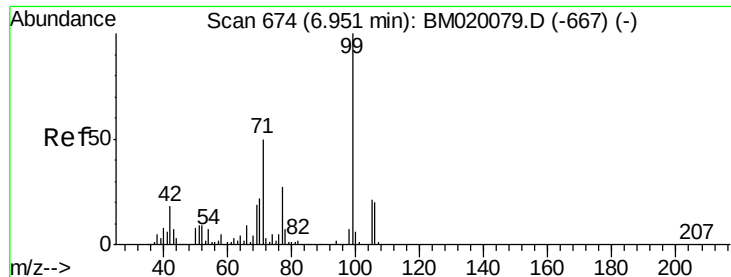
#5
 2-Fluorophenol
 Concen: 34.851 ng
 RT: 5.35 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BM020342.D
 Acq: 14 May 2019 20:56

Tgt Ion:112 Resp: 125117
 Ion Ratio Lower Upper
 112 100
 64 62.6 53.8 80.6
 63 33.8 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: 17.149 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020342.D

Acq: 14 May 2019 20:56

Instrument :

BNA_M

ClientSampleId :

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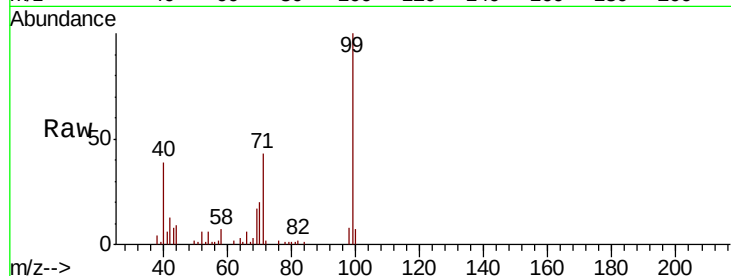
Tgt Ion: 99 Resp: 84109

Ion Ratio Lower Upper

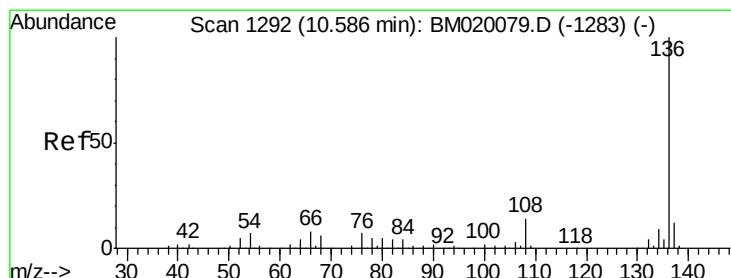
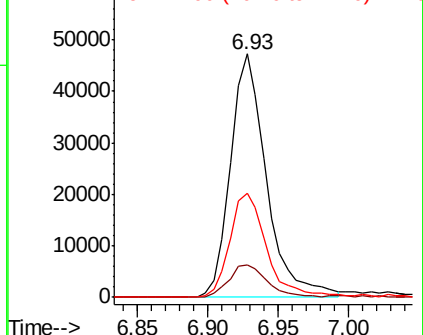
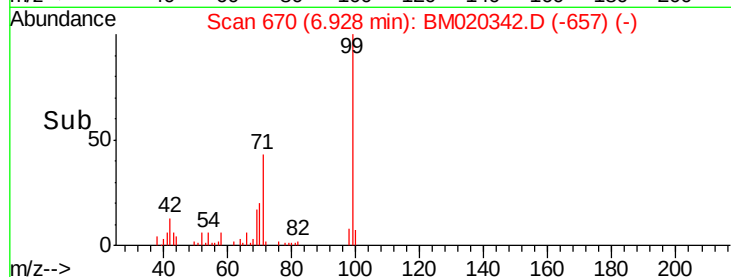
99 100

42 13.4 14.2 21.2#

71 42.8 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020342.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020342.D

Acq: 14 May 2019 20:56

Tgt Ion: 136 Resp: 184864

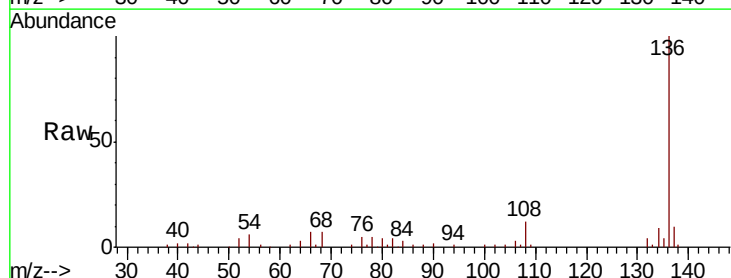
Ion Ratio Lower Upper

136 100

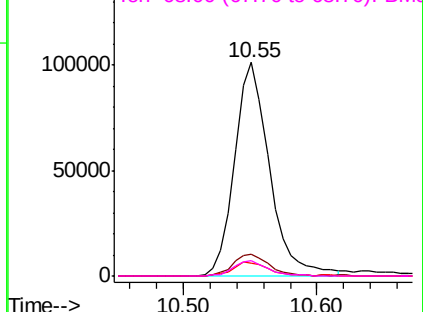
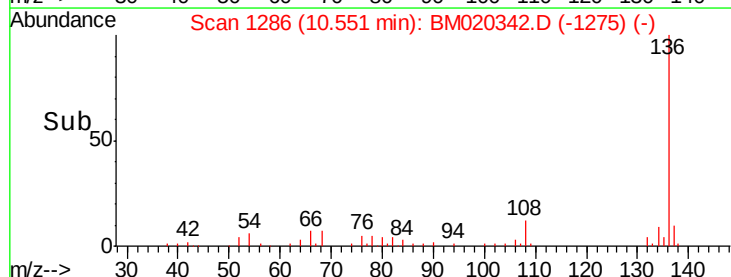
137 10.3 9.6 14.4

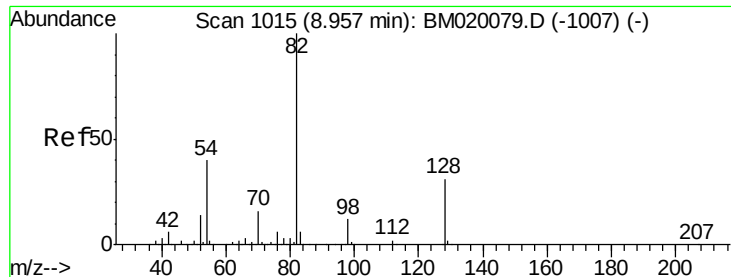
54 6.2 5.5 8.3

68 7.3 4.6 6.8#



Abundance Ion 136.00 (135.70 to 136.70): BM020342.D (-1275) (-)

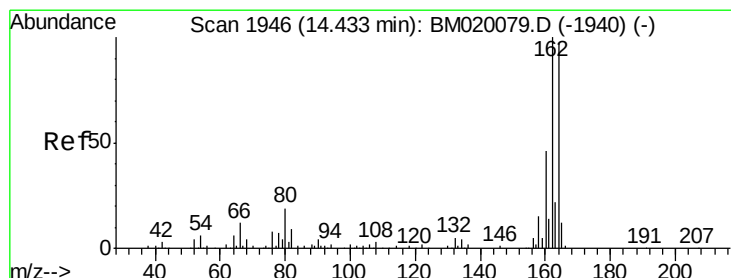
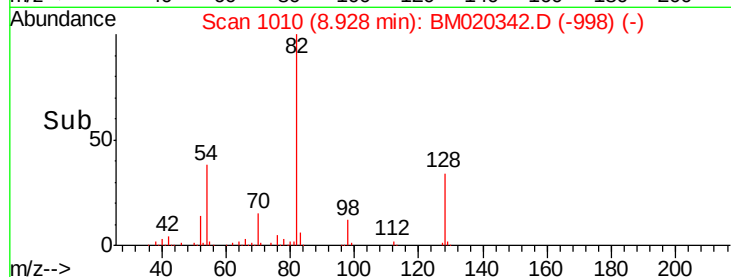
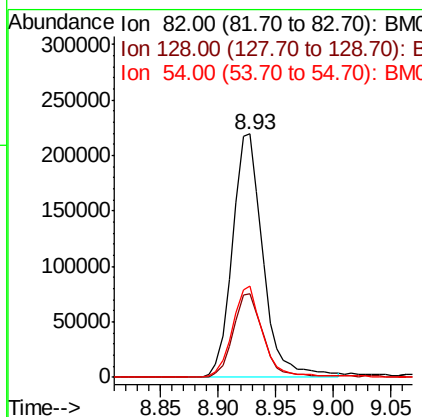
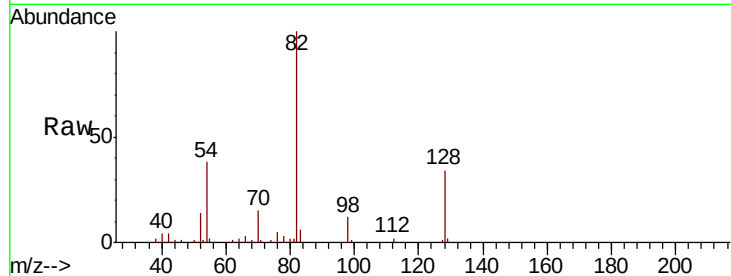




#23
 Nitrobenzene-d5
 Concen: 86.193 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020342.D
 Acq: 14 May 2019 20:56

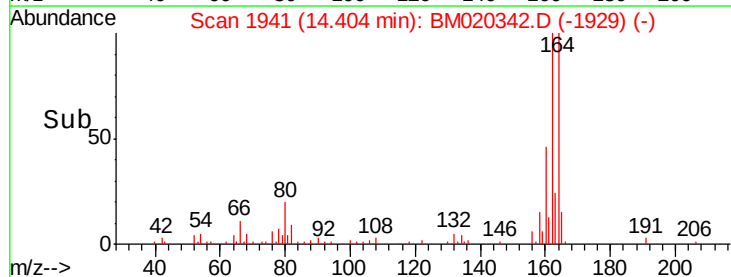
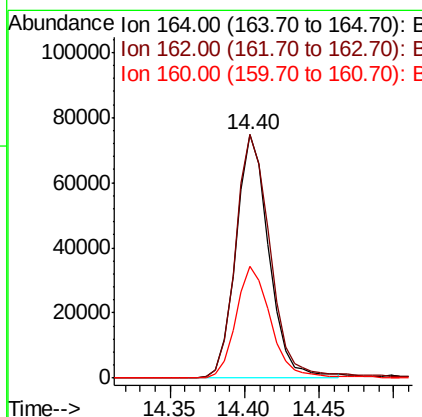
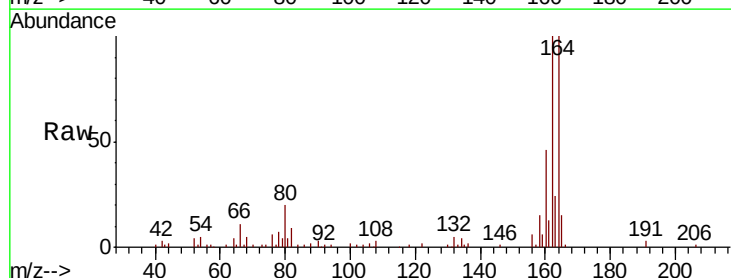
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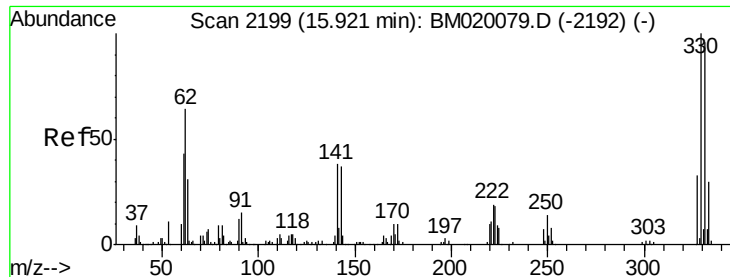
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	25.2	37.8
54	37.7	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020342.D
 Acq: 14 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.2
160	46.0	37.6	56.4

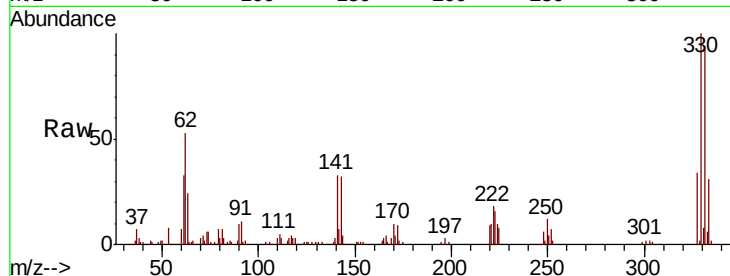




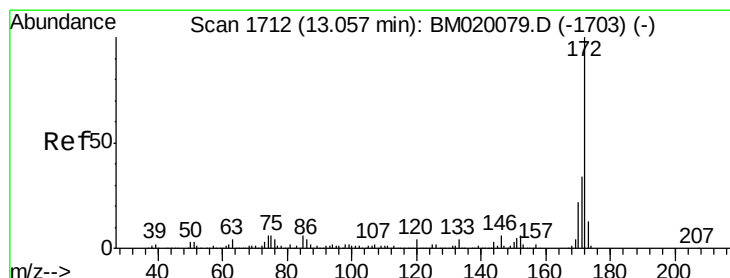
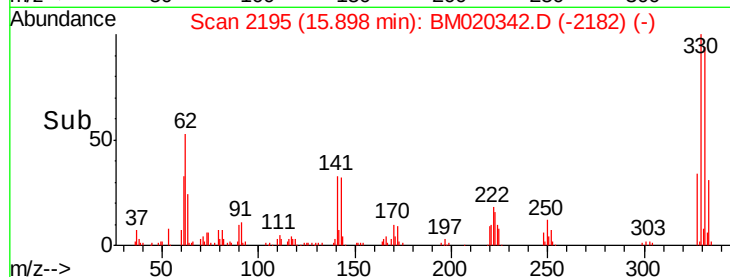
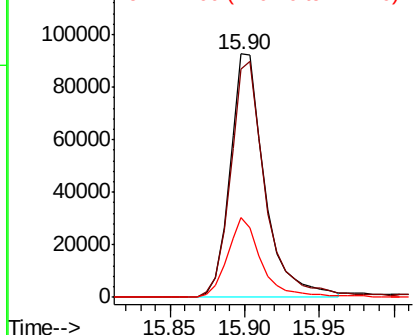
#42
 2,4,6-Tribromophenol
 Concen: 84.119 ng
 RT: 15.90 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BM020342.D
 Acq: 14 May 2019 20:56

Instrument :
 BNA_M
 ClientSampleId :
 051019-LIFT-F-D-B

Tgt Ion:330 Resp: 150632
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 31.8 29.2 43.8

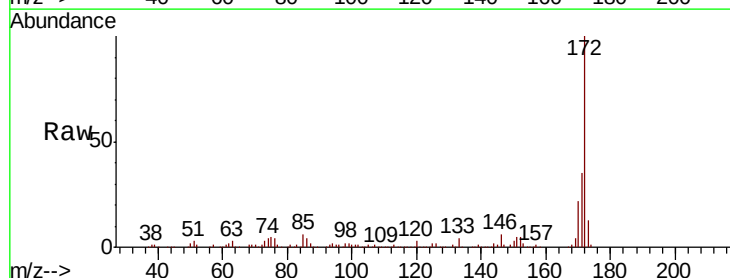


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

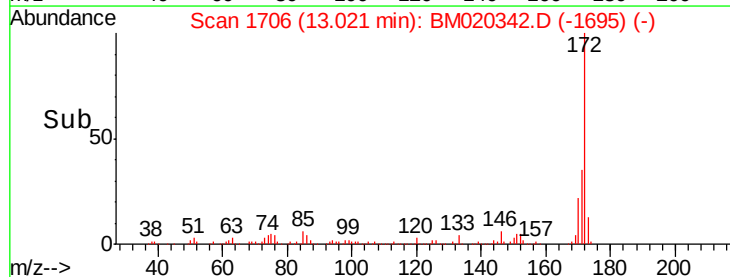
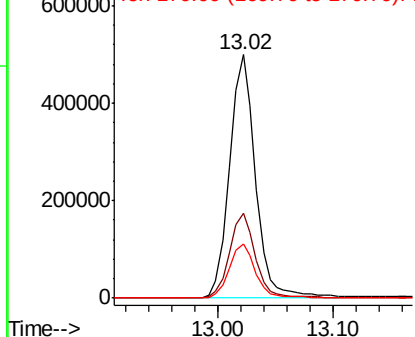


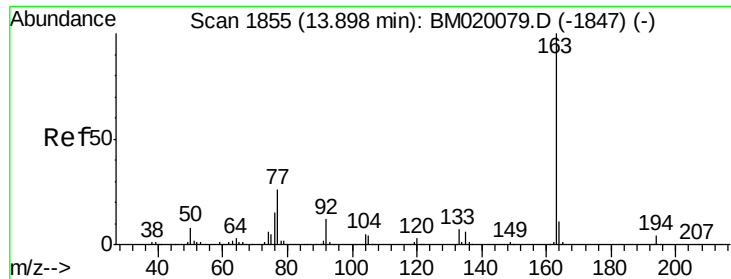
#45
 2-Fluorobiphenyl
 Concen: 83.060 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020342.D
 Acq: 14 May 2019 20:56

Tgt Ion:172 Resp: 778821
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.3 40.9
 170 22.2 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: 2.534 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020342.D

Acq: 14 May 2019 20:56

Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-D-B

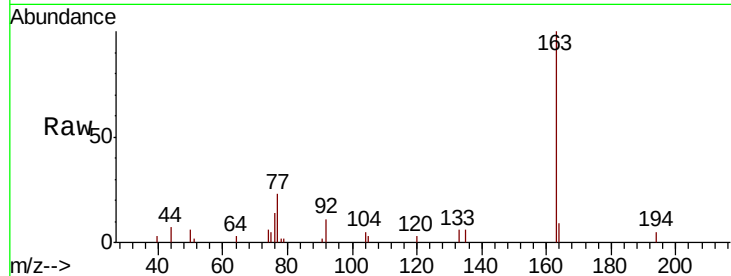
Tgt Ion:163 Resp: 24850

Ion Ratio Lower Upper

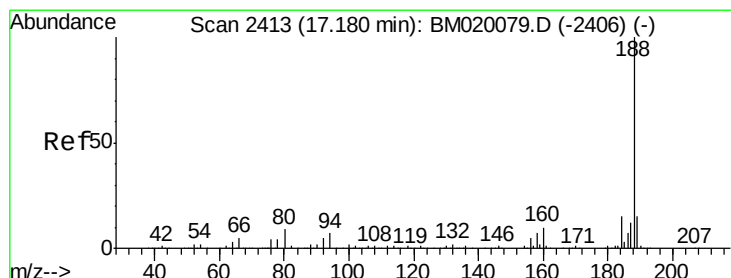
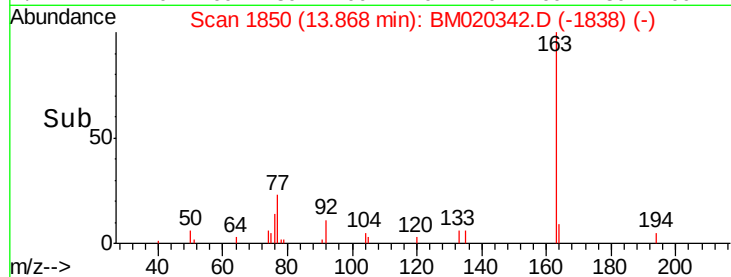
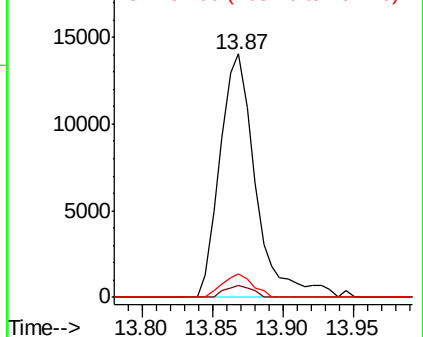
163 100

194 5.0 3.6 5.4

164 9.5 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: BM020342.D

Acq: 14 May 2019 20:56

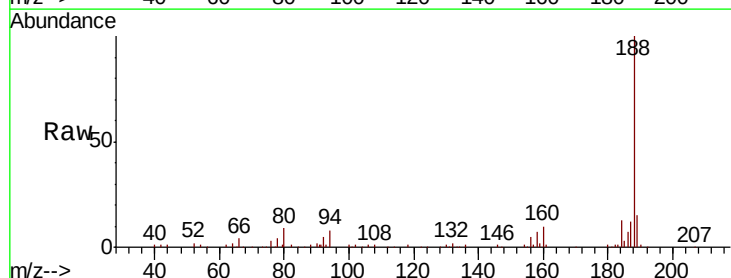
Tgt Ion:188 Resp: 275837

Ion Ratio Lower Upper

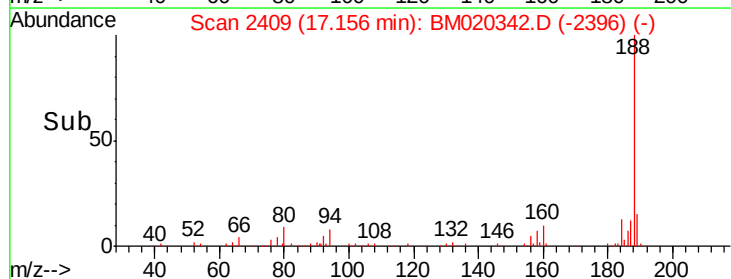
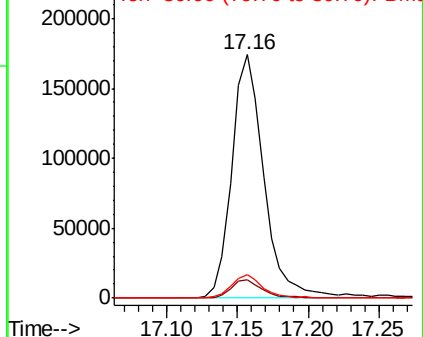
188 100

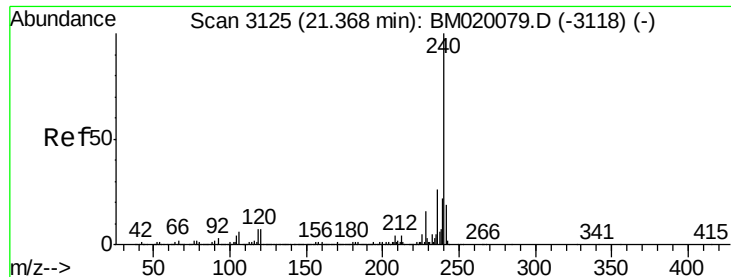
94 7.8 5.8 8.6

80 9.4 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

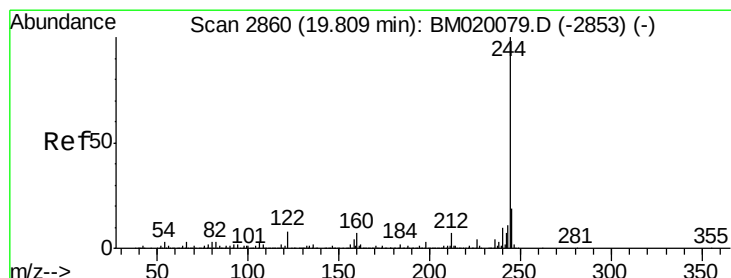
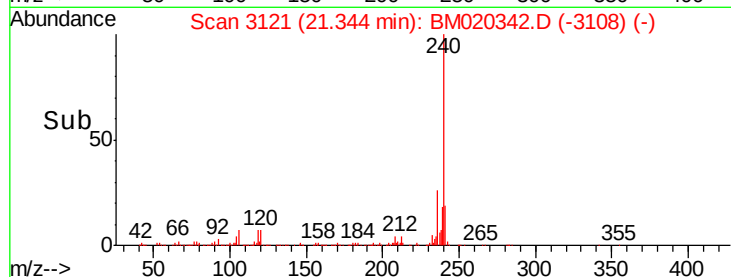
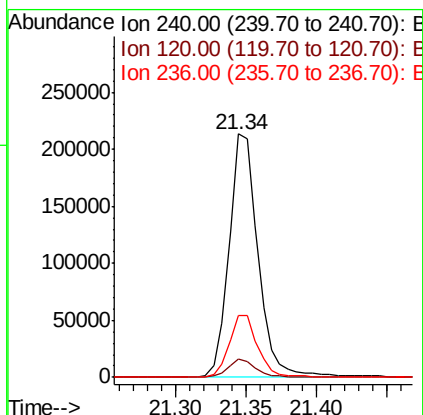
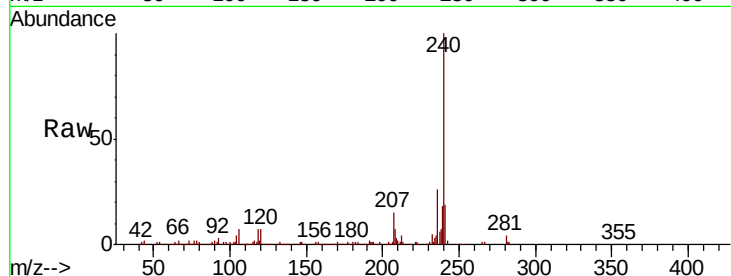




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BM020342.D
Acq: 14 May 2019 20:56

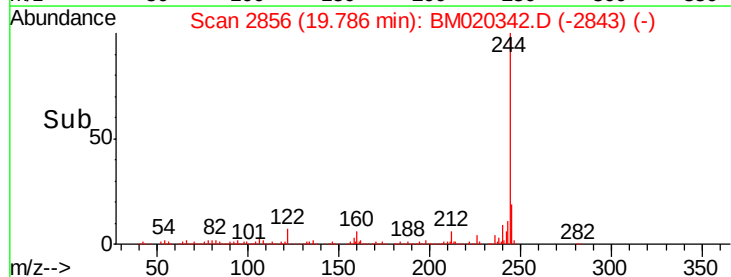
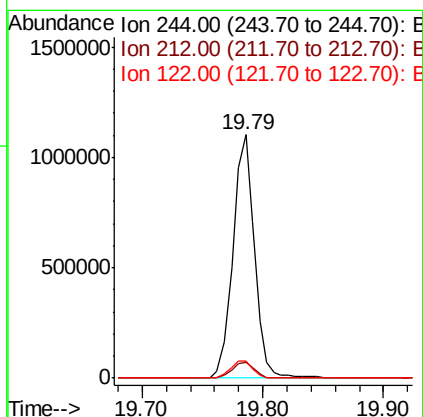
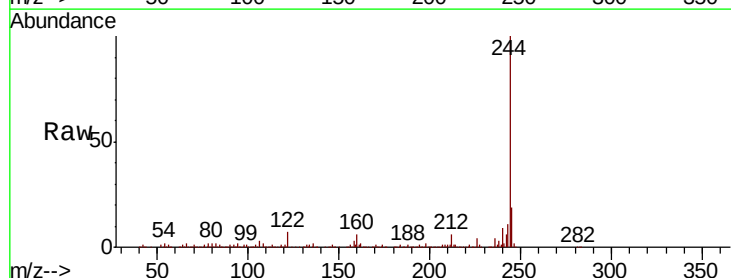
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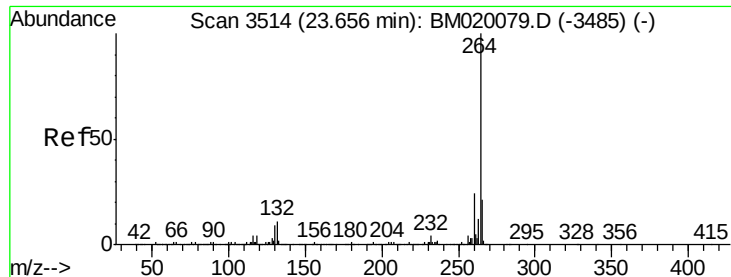
Tgt Ion:240 Resp: 305532
Ion Ratio Lower Upper
240 100
120 7.3 5.6 8.4
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 78.174 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020342.D
Acq: 14 May 2019 20:56

Tgt Ion:244 Resp: 1369363
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 7.0 6.2 9.2

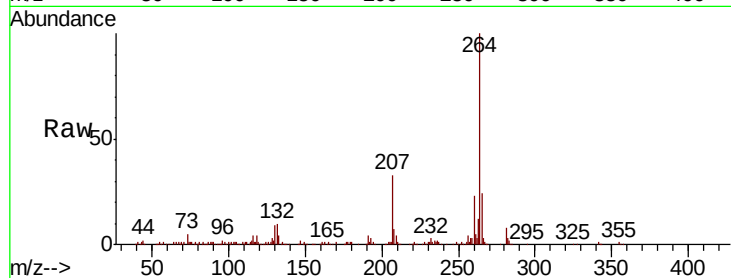




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020342.D
Acq: 14 May 2019 20:56

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	264	Resp:	364181
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.8	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

