

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020343.D
 Acq On : 14 May 2019 21:33
 Operator : JU/SJ
 Sample : K2841-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 15 03:51:05 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	57672	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	187312	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	116798	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	278528	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	318433	20.00	ng	-0.02
87) Perylene-d12	23.63	264	368930	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	114480	32.45	ng	-0.03
7) Phenol-d6	6.93	99	75645	15.69	ng	-0.02
23) Nitrobenzene-d5	8.93	82	418826	88.28	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	156529	86.34	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	830197	87.45	ng	-0.04
79) Terphenyl-d14	19.78	244	1455808	79.74	ng	-0.03

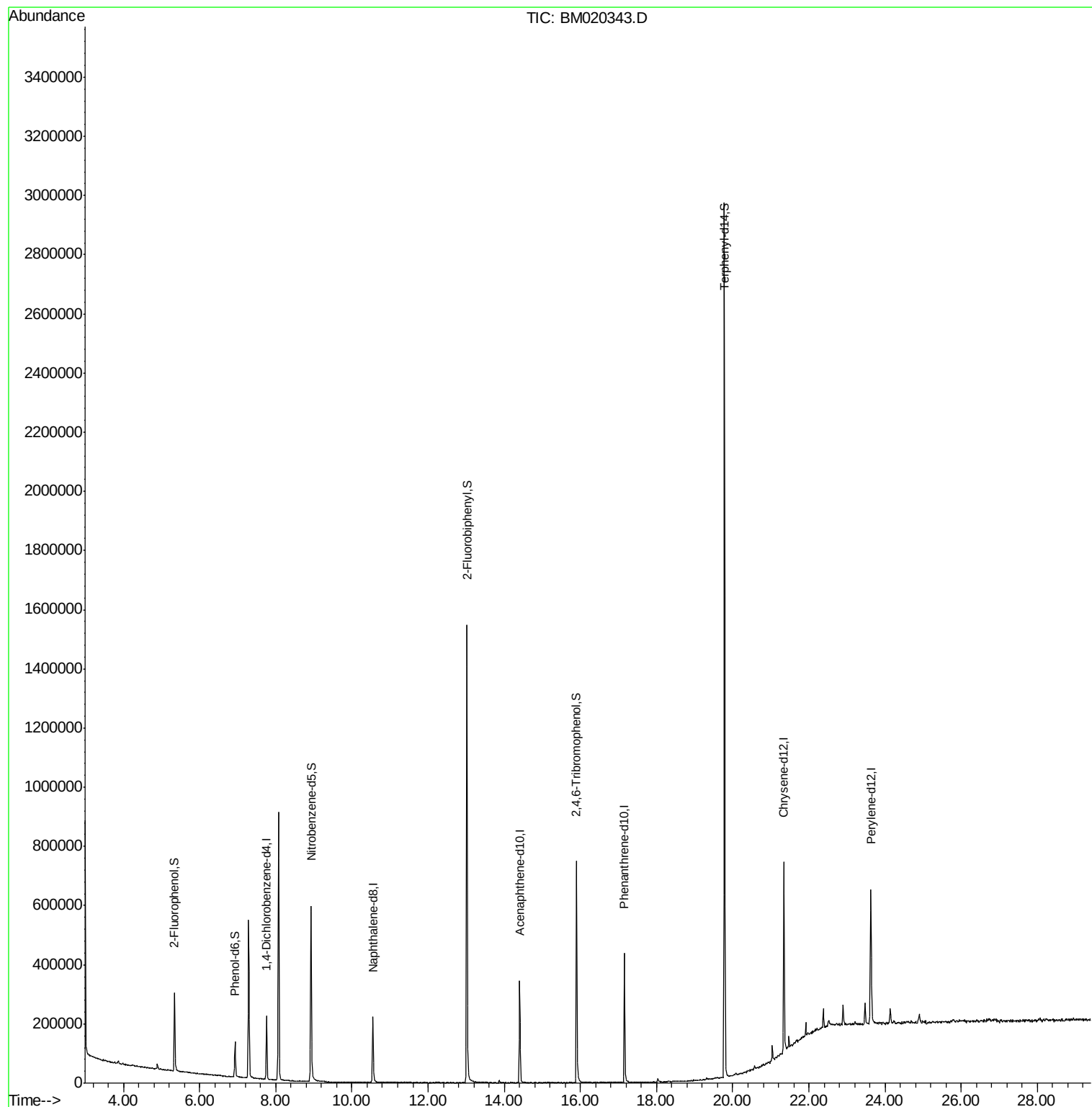
Target Compounds	Qvalue
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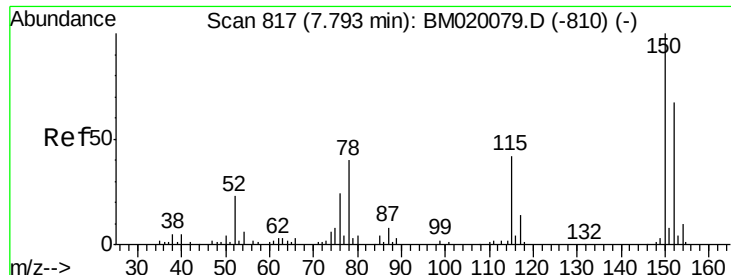
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 15 03:51:05 2019
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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: BM020343.D

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Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-D-M

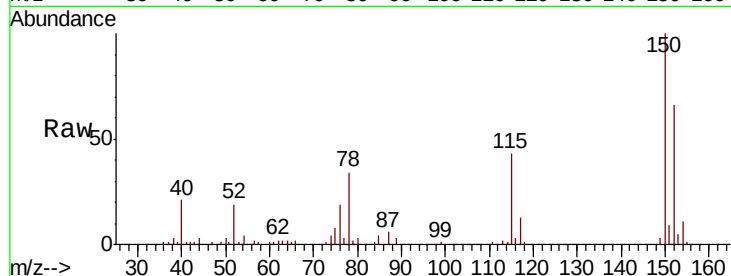
Tgt Ion:152 Resp: 57672

Ion Ratio Lower Upper

152 100

150 151.4 119.8 179.8

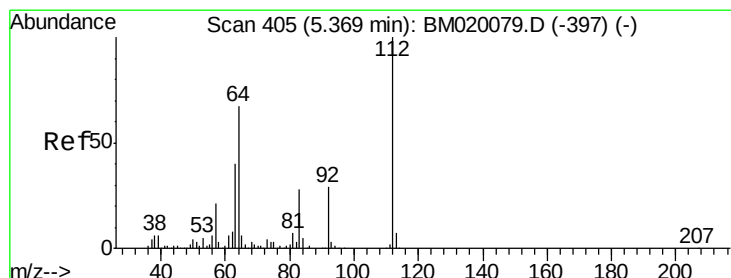
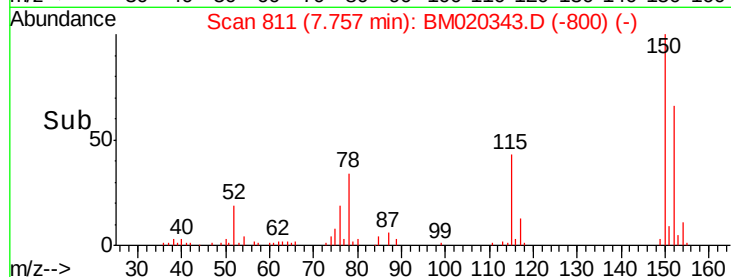
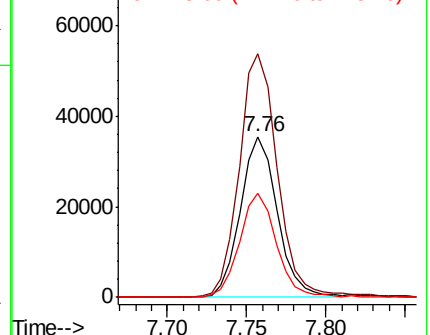
115 64.5 50.8 76.2



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: 32.447 ng

RT: 5.34 min Scan# 400

Delta R.T. -0.03 min

Lab File: BM020343.D

Acq: 14 May 2019 21:33

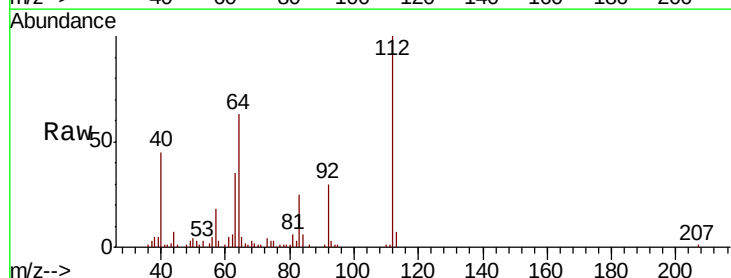
Tgt Ion:112 Resp: 114480

Ion Ratio Lower Upper

112 100

64 63.0 53.8 80.6

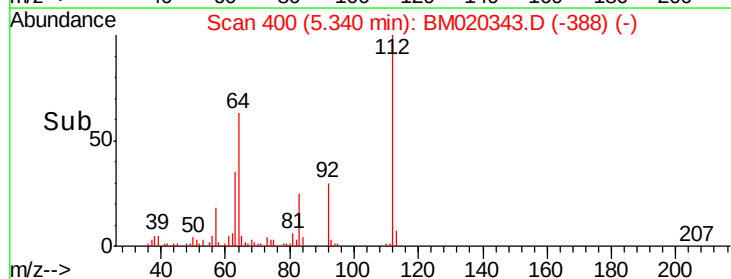
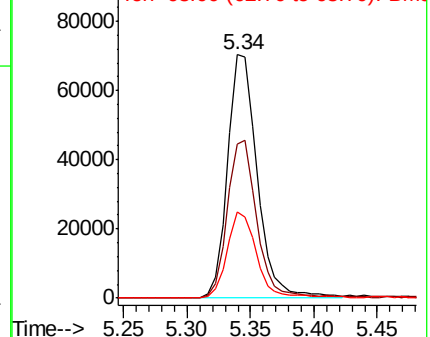
63 35.3 32.3 48.5

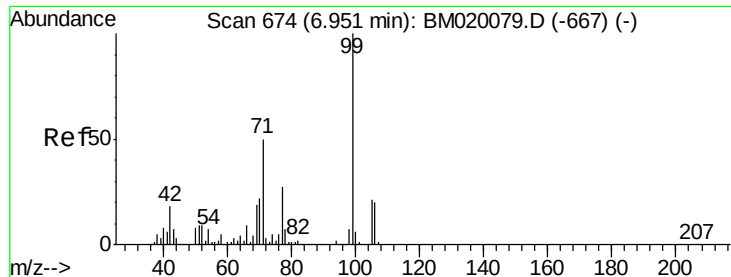


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 15.694 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020343.D

Acq: 14 May 2019 21:33

Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-D-M

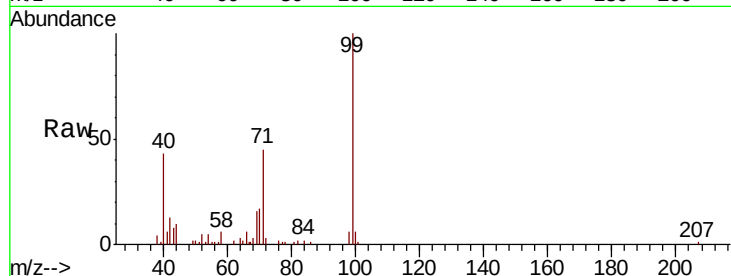
Tgt Ion: 99 Resp: 75645

Ion Ratio Lower Upper

99 100

42 12.8 14.2 21.2#

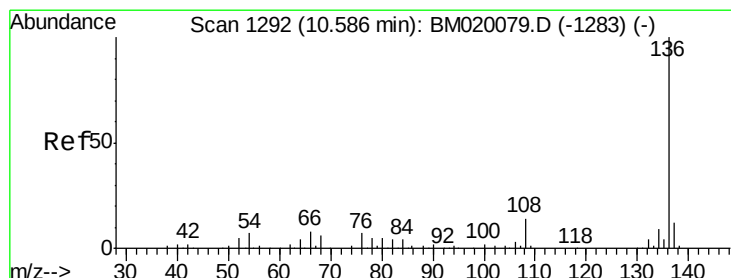
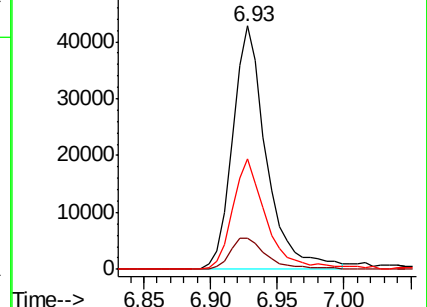
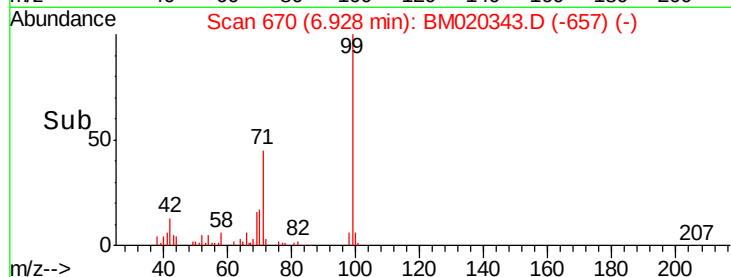
71 45.1 40.3 60.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020343.D

Acq: 14 May 2019 21:33

Tgt Ion: 136 Resp: 187312

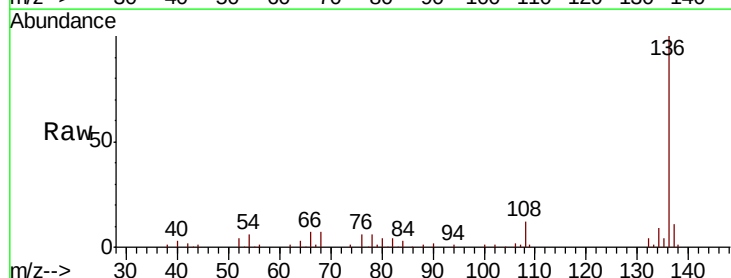
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 6.2 5.5 8.3

68 6.6 4.6 6.8

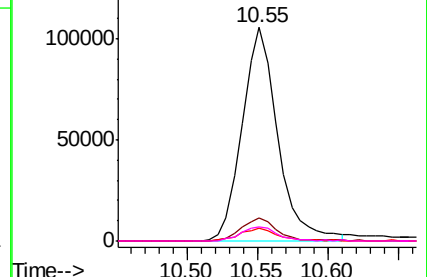
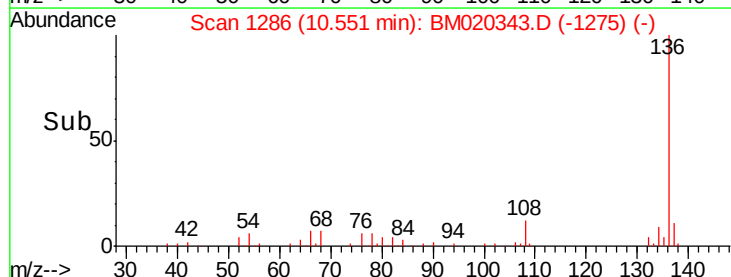


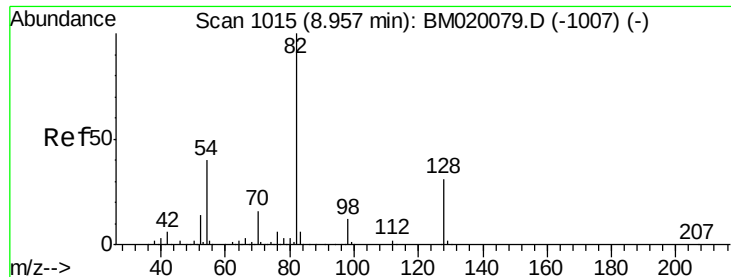
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

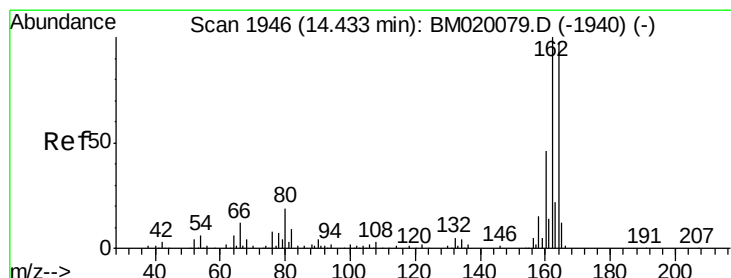
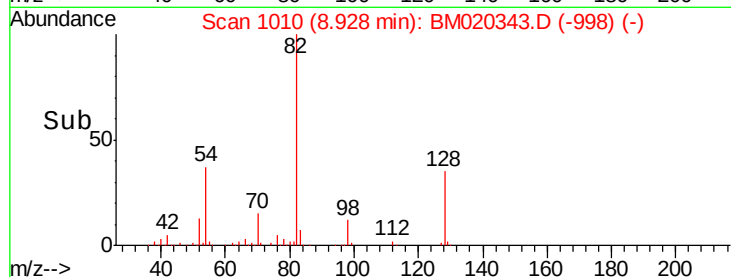
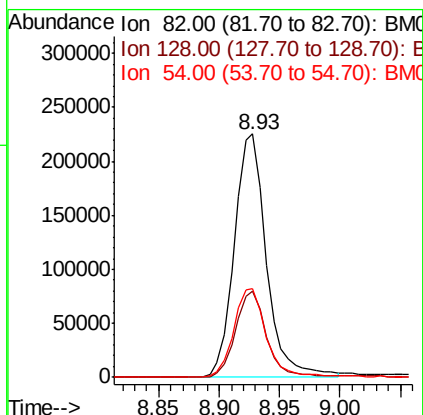
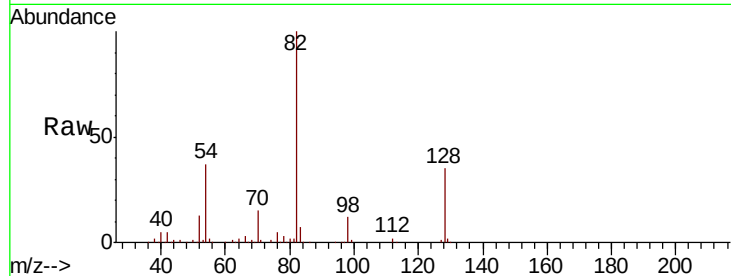




#23
Nitrobenzene-d5
Concen: 88.277 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

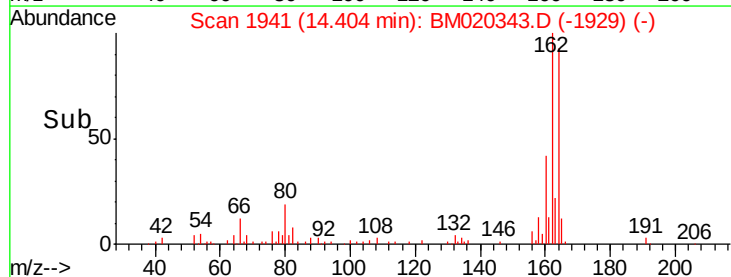
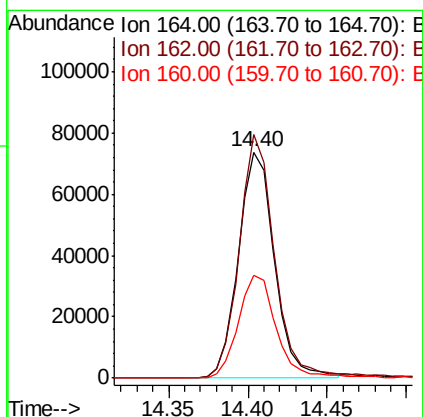
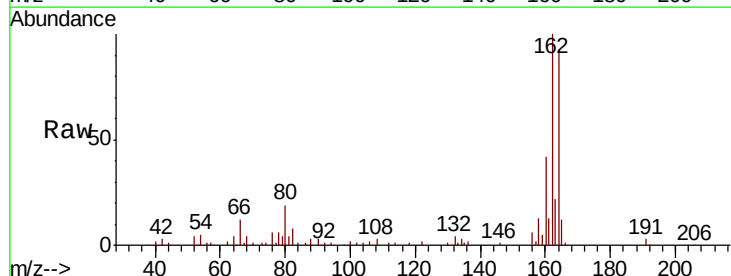
Instrument :
BNA_M
ClientSampleId :
051019-LIFT-F-D-M

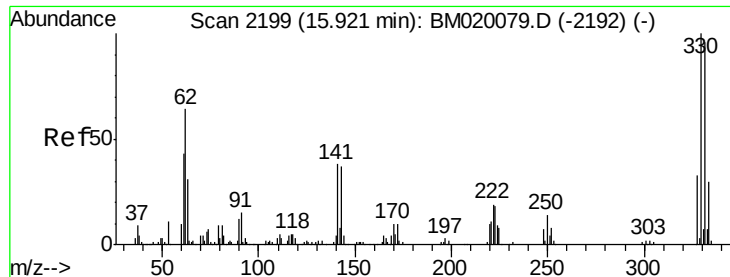
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	25.2	37.8
54	36.6	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.2	123.2
160	45.7	37.6	56.4

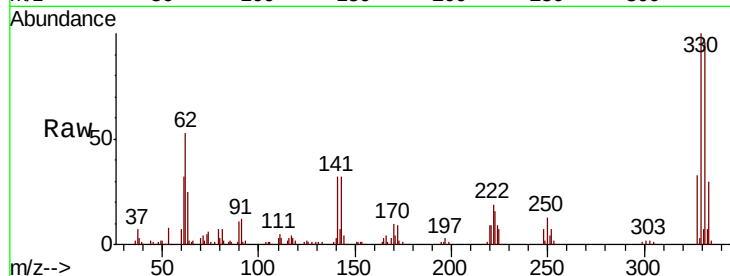




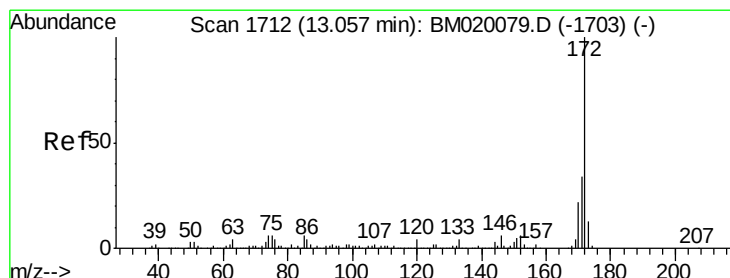
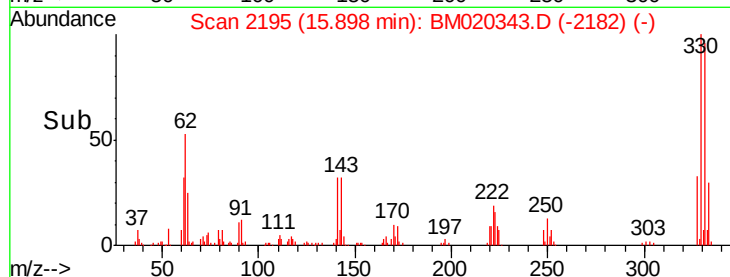
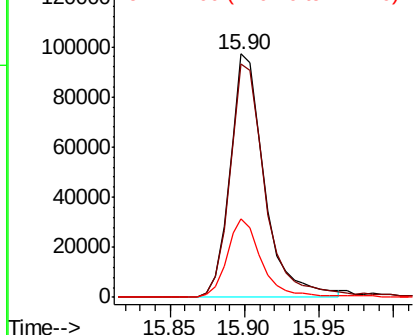
#42
 2,4,6-Tribromophenol
 Concen: 86.341 ng
 RT: 15.90 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BM020343.D
 Acq: 14 May 2019 21:33

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

Tgt Ion:330 Resp: 156529
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 32.0 29.2 43.8

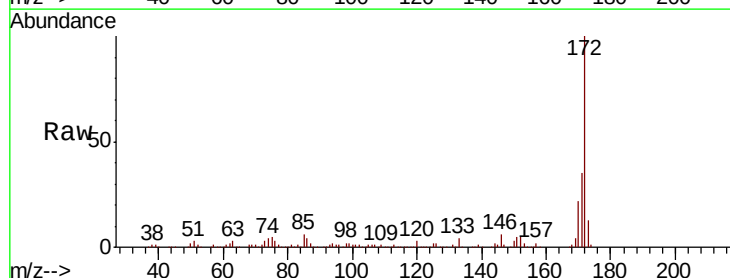


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

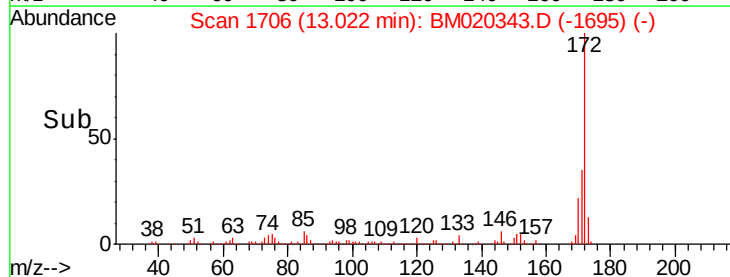
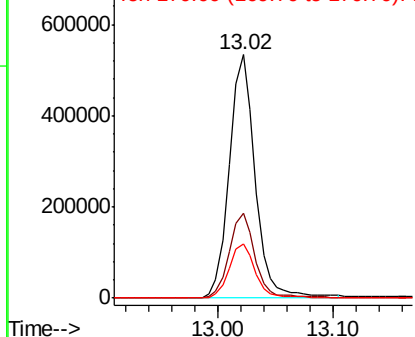


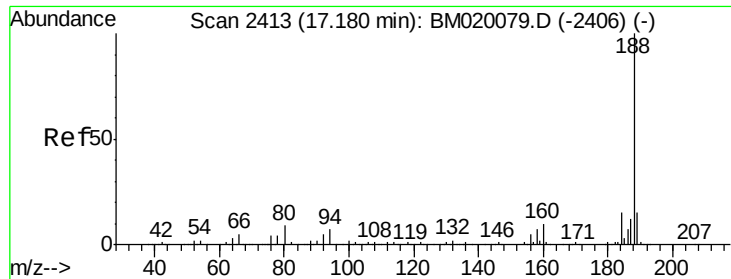
#45
 2-Fluorobiphenyl
 Concen: 87.454 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020343.D
 Acq: 14 May 2019 21:33

Tgt Ion:172 Resp: 830197
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.3 40.9
 170 22.5 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: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020343.D

Acq: 14 May 2019 21:33

Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-D-M

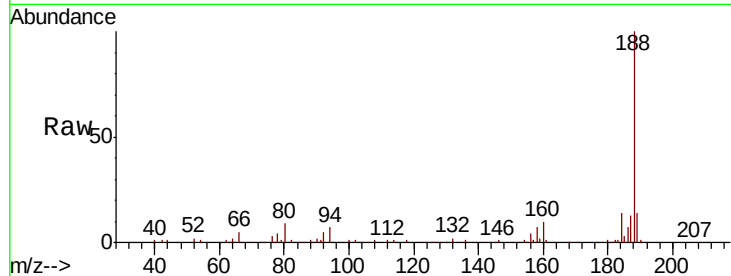
Tgt Ion:188 Resp: 278528

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

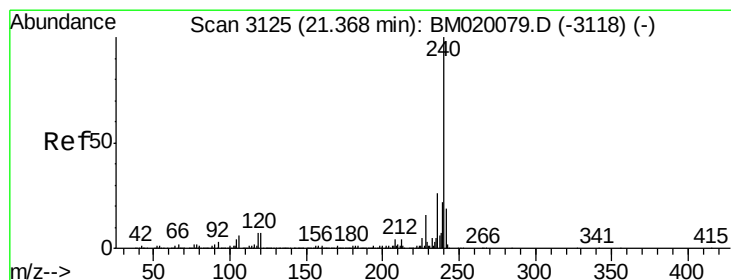
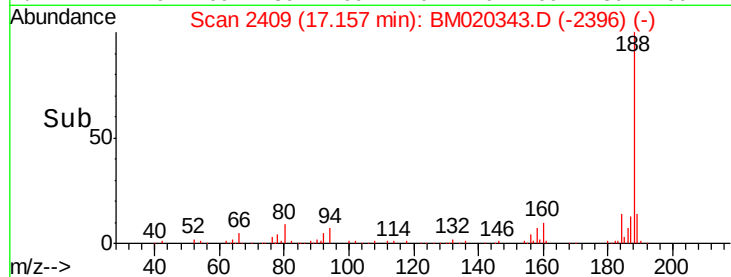
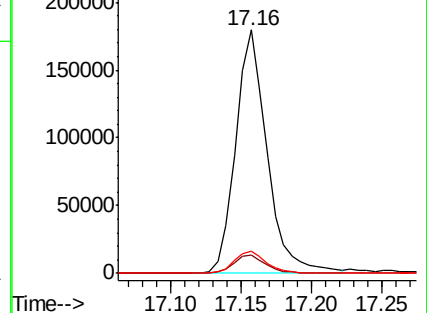
80 9.1 7.4 11.2



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: 21.34 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BM020343.D

Acq: 14 May 2019 21:33

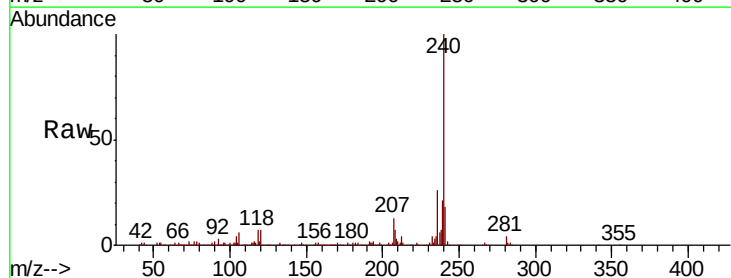
Tgt Ion:240 Resp: 318433

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

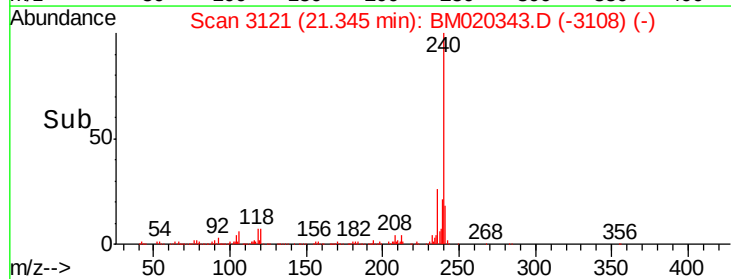
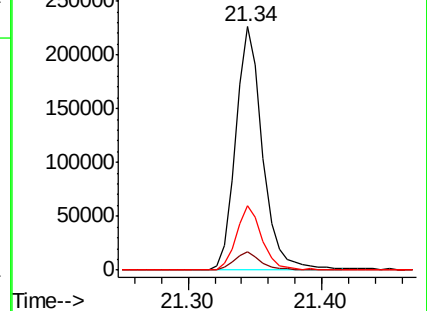
236 26.2 20.9 31.3

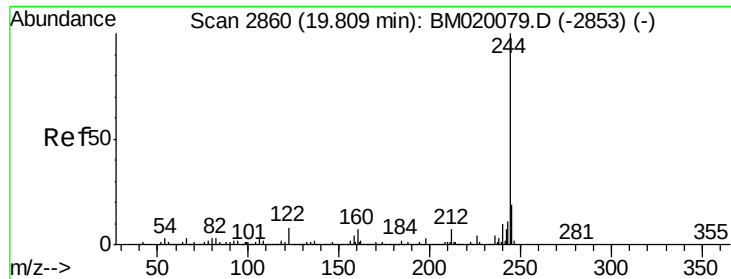


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.742 ng

RT: 19.78 min Scan# 2855

Delta R.T. -0.03 min

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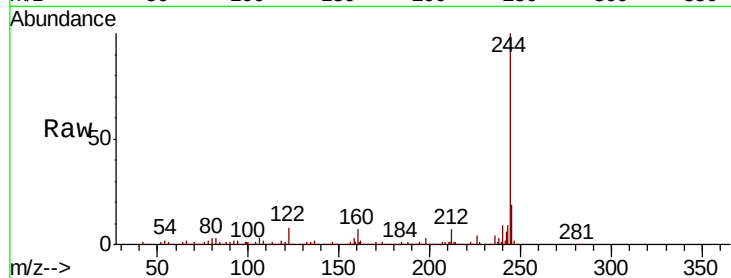
Tgt Ion:244 Resp: 1455808

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

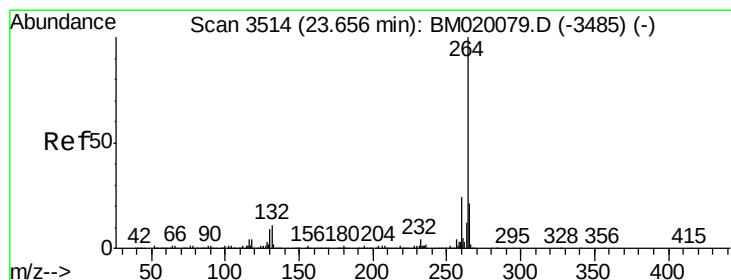
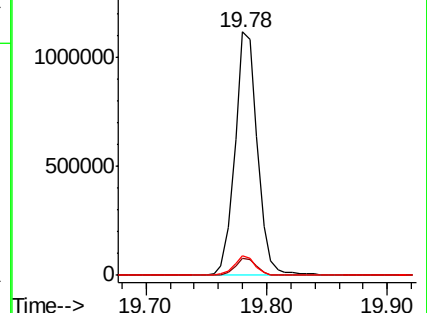
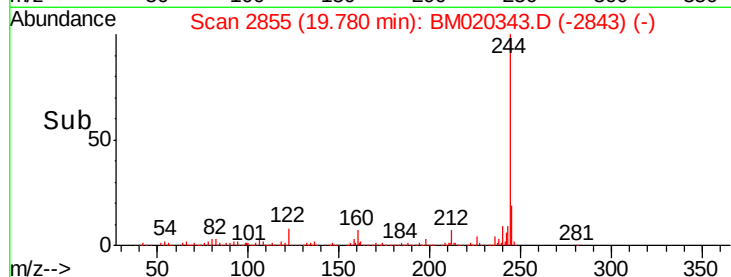
122 8.3 6.2 9.2



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: 23.63 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BM020343.D

Acq: 14 May 2019 21:33

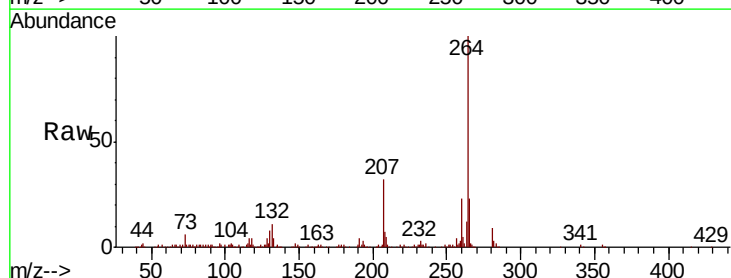
Tgt Ion:264 Resp: 368930

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.5 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

