

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020345.D
 Acq On : 14 May 2019 22:46
 Operator : JU/SJ
 Sample : K2841-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: May 15 03:51:23 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	58761	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	187240	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	116549	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	280727	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	318748	20.00	ng	-0.02
87) Perylene-d12	23.63	264	383806	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	136499	37.97	ng	-0.02
7) Phenol-d6	6.93	99	93286	19.00	ng	-0.02
23) Nitrobenzene-d5	8.93	82	433964	91.50	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	147395	81.48	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	848876	89.61	ng	-0.04
79) Terphenyl-d14	19.78	244	1470972	80.49	ng	-0.03

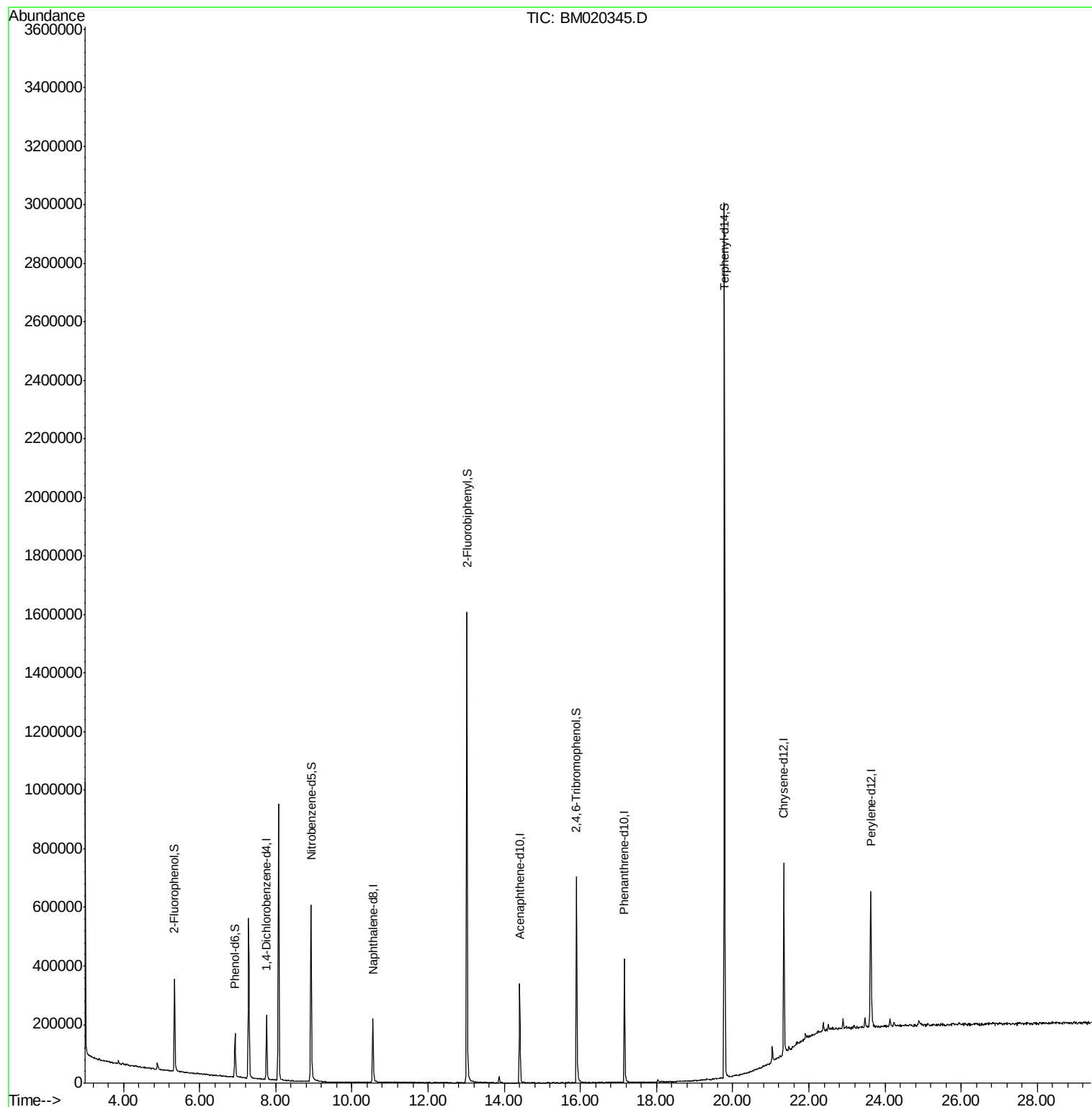
Target Compounds	Qvalue
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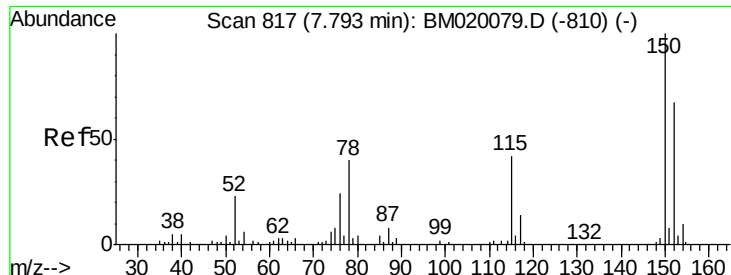
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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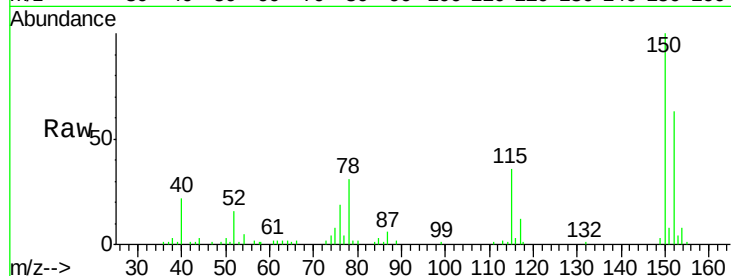


#1

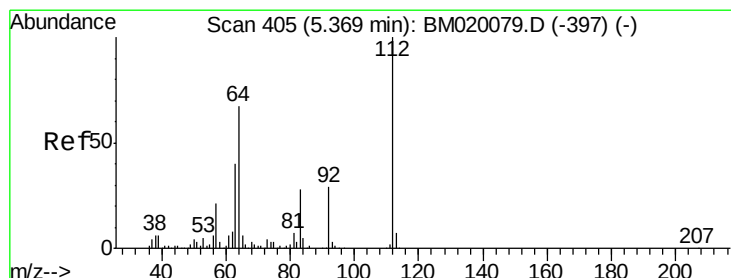
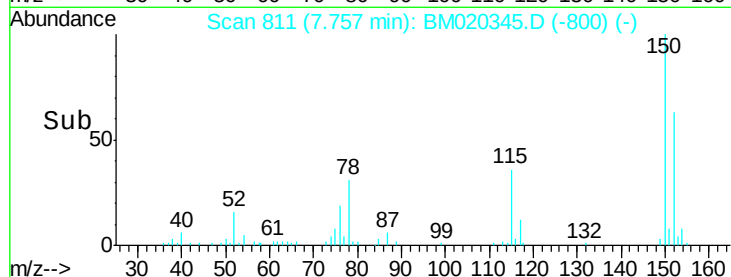
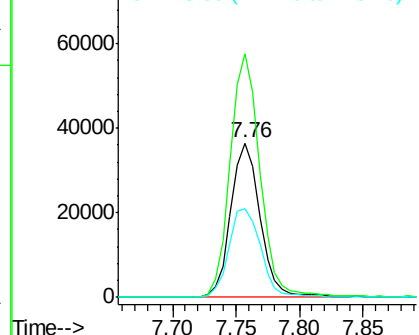
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020345.D
Acq: 14 May 2019 22:46

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

Tgt Ion:152 Resp: 58761
Ion Ratio Lower Upper
152 100
150 157.5 119.8 179.8
115 57.4 50.8 76.2



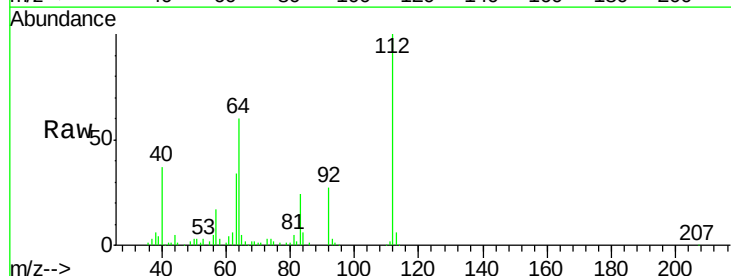
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



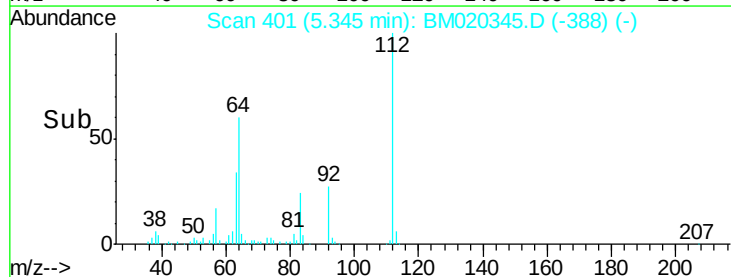
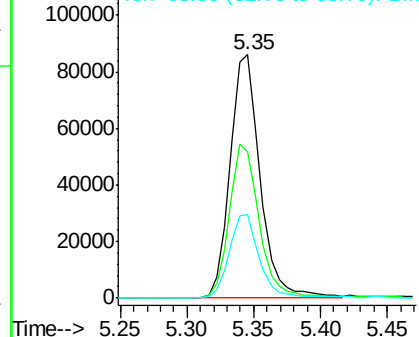
#5

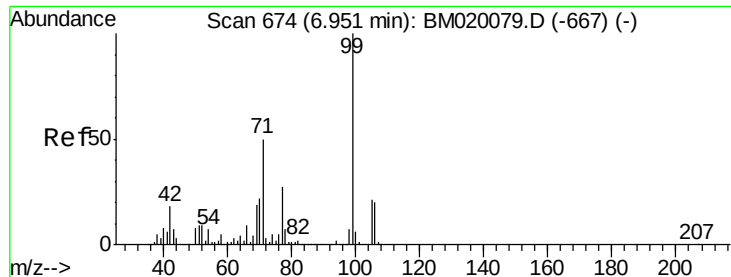
2-Fluorophenol
Concen: 37.971 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020345.D
Acq: 14 May 2019 22:46

Tgt Ion:112 Resp: 136499
Ion Ratio Lower Upper
112 100
64 59.9 53.8 80.6
63 34.1 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: 18.995 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020345.D

Acq: 14 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-U-B

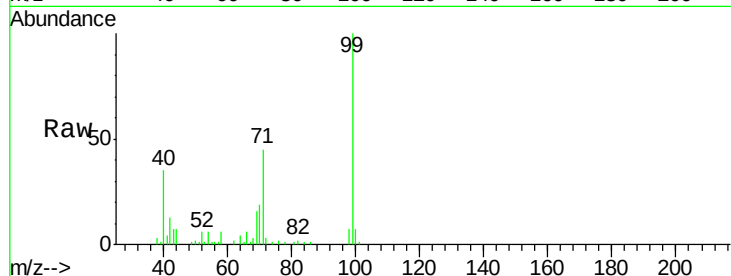
Tgt Ion: 99 Resp: 93286

Ion Ratio Lower Upper

99 100

42 13.4 14.2 21.2#

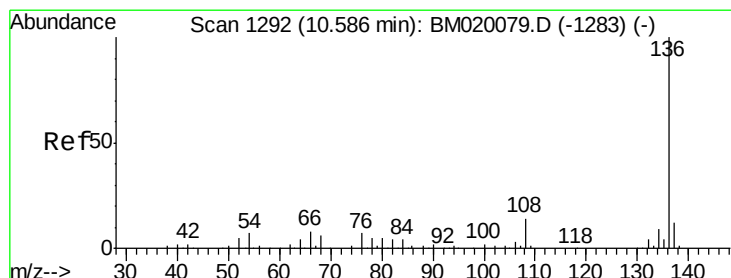
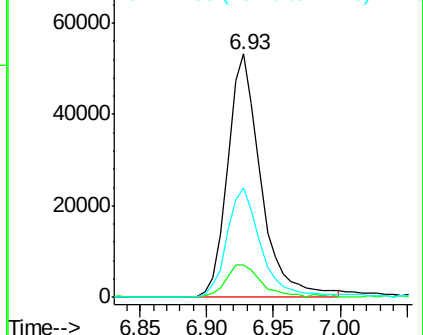
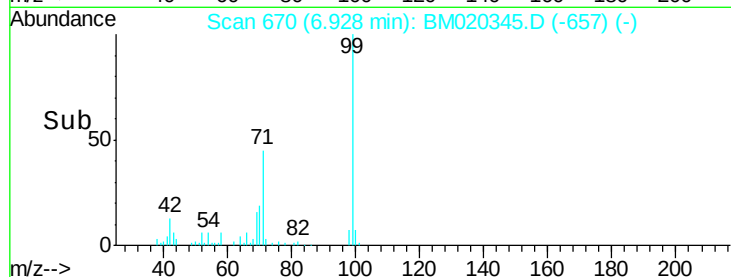
71 44.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020345.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020345.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020345.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020345.D

Acq: 14 May 2019 22:46

Tgt Ion: 136 Resp: 187240

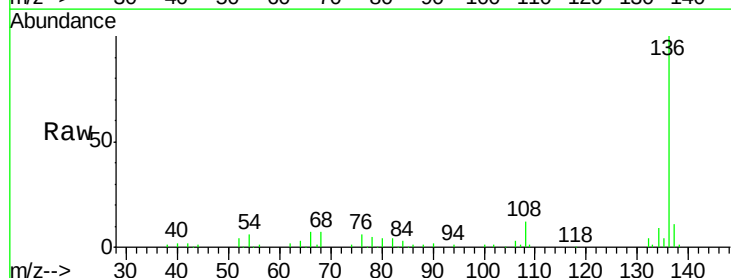
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 5.9 5.5 8.3

68 7.3 4.6 6.8#

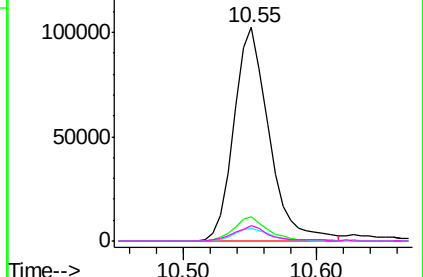
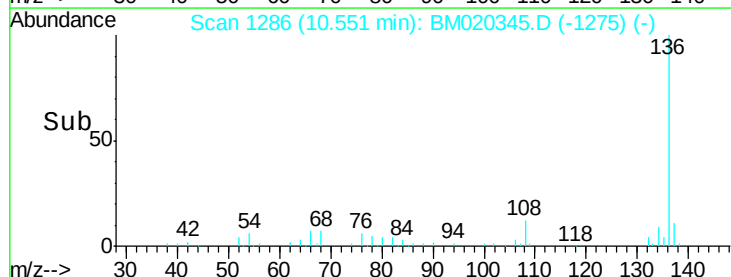


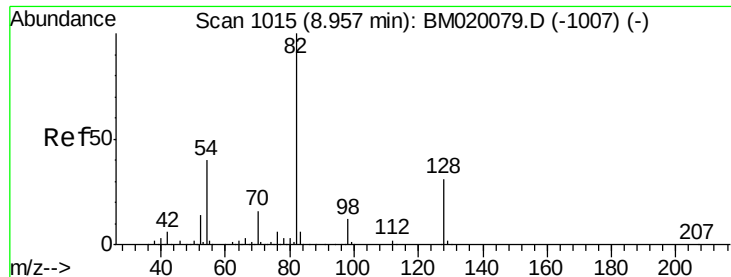
Abundance Ion 136.00 (135.70 to 136.70): BM020345.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020345.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020345.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020345.D (-1275) (-)

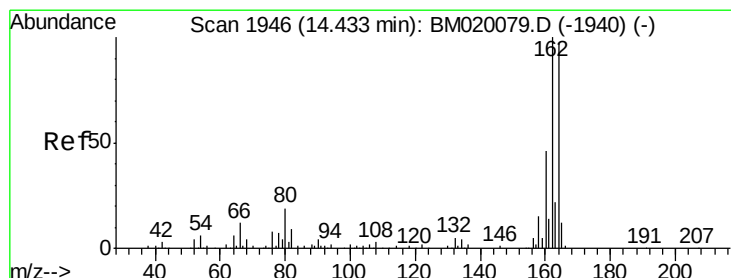
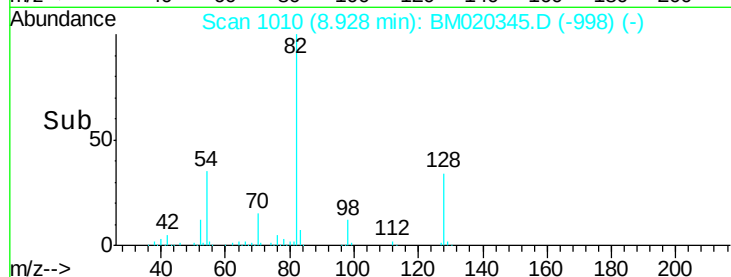
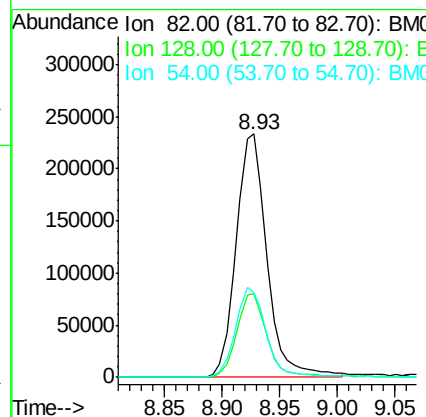
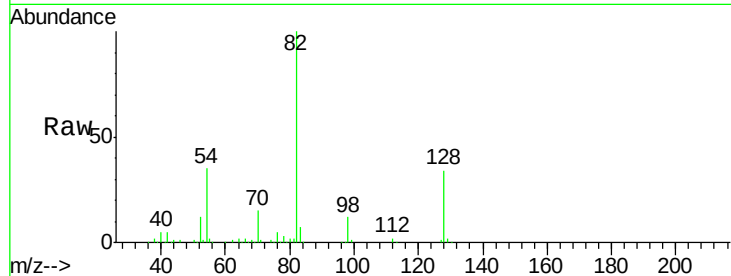




#23
 Nitrobenzene-d5
 Concen: 91.503 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020345.D
 Acq: 14 May 2019 22:46

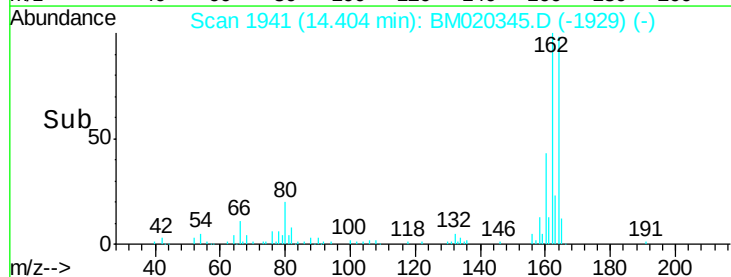
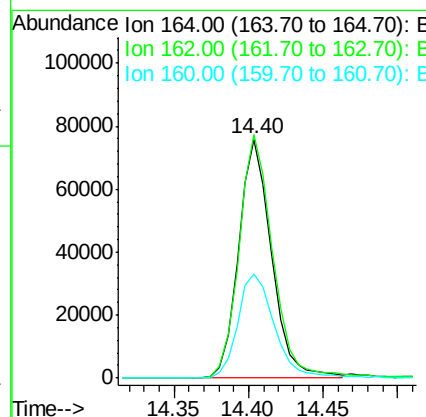
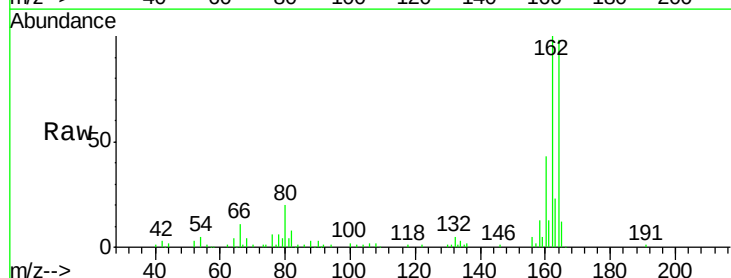
Instrument :
 BNA_M
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 051019-LIFT-F-U-B

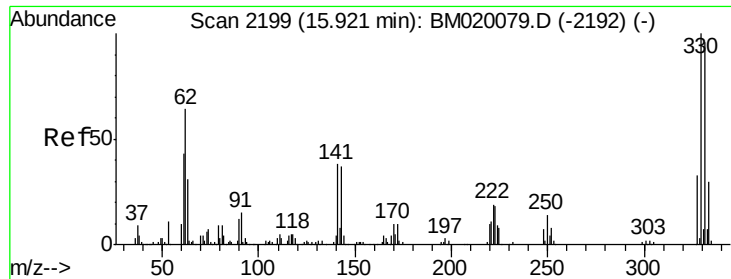
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.2	25.2	37.8
54	34.9	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020345.D
 Acq: 14 May 2019 22:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	43.7	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 81.476 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020345.D

Acq: 14 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-U-B

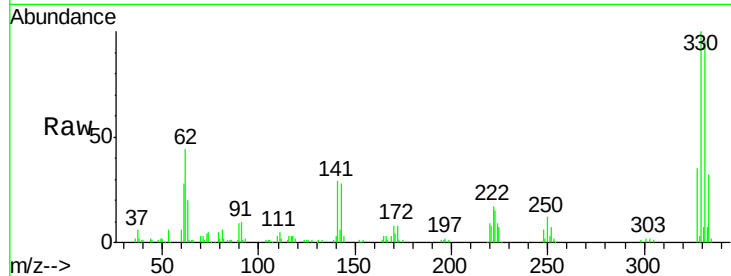
Tgt Ion:330 Resp: 147395

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

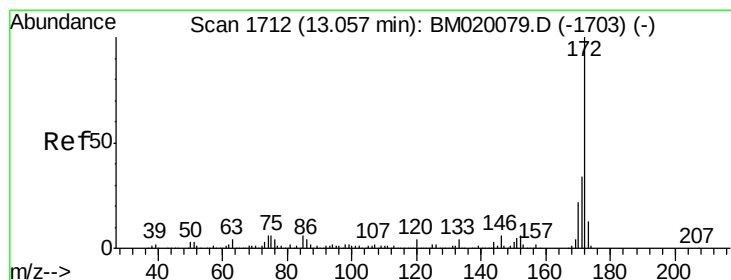
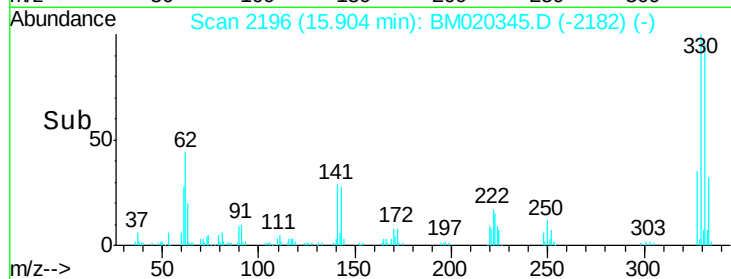
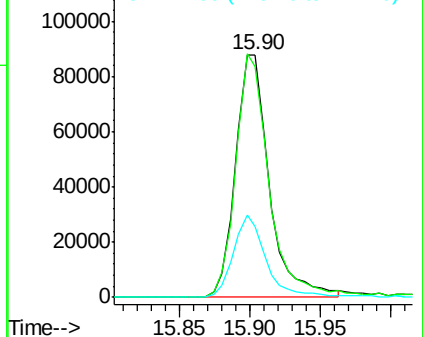
141 32.5 29.2 43.8



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: 89.613 ng

RT: 13.02 min Scan# 1706

Delta R.T. -0.04 min

Lab File: BM020345.D

Acq: 14 May 2019 22:46

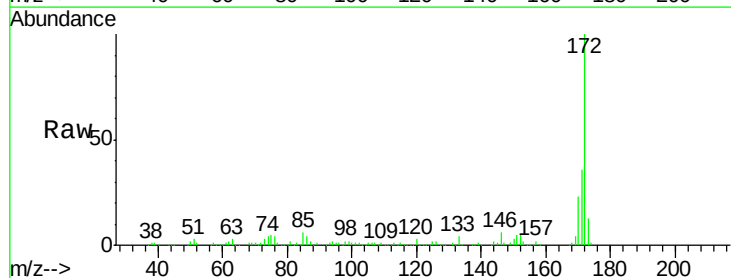
Tgt Ion:172 Resp: 848876

Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

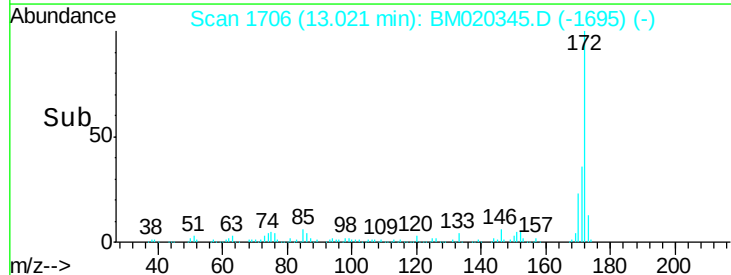
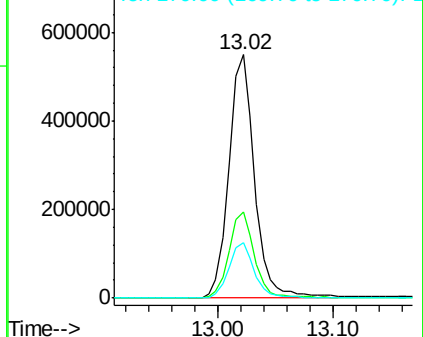
170 22.8 17.9 26.9

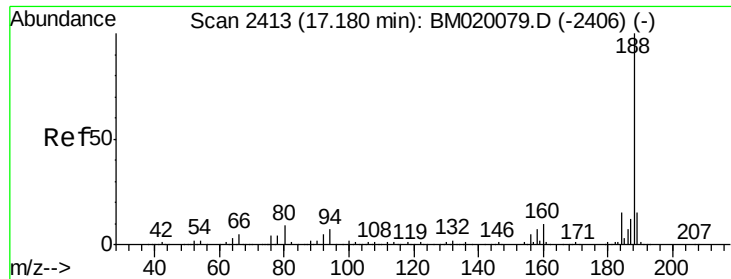


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

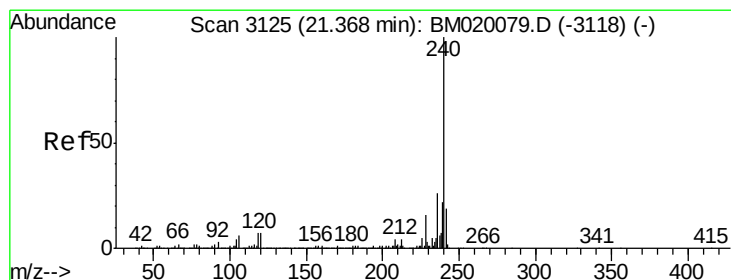
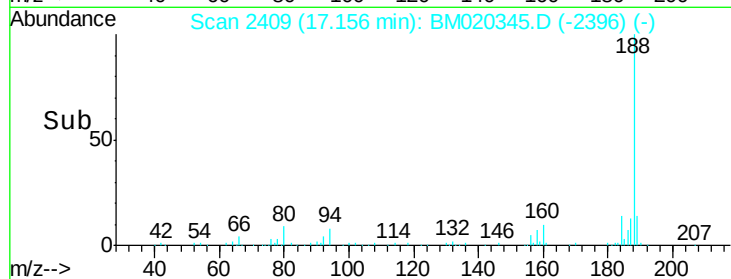
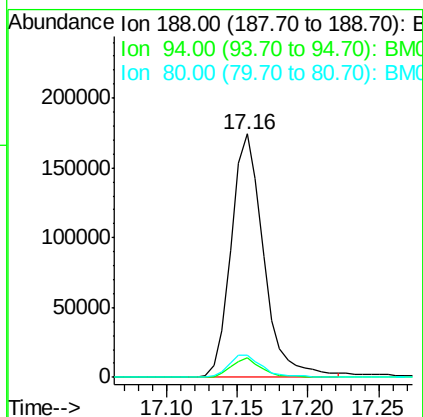
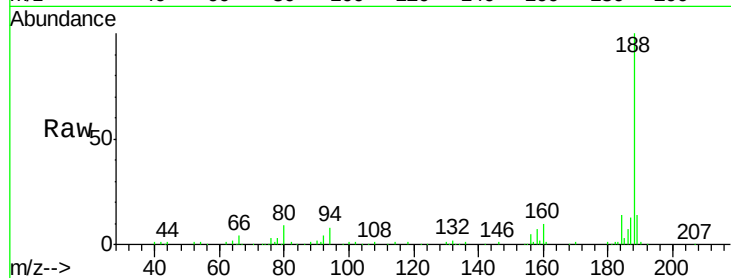




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020345.D
Acq: 14 May 2019 22:46

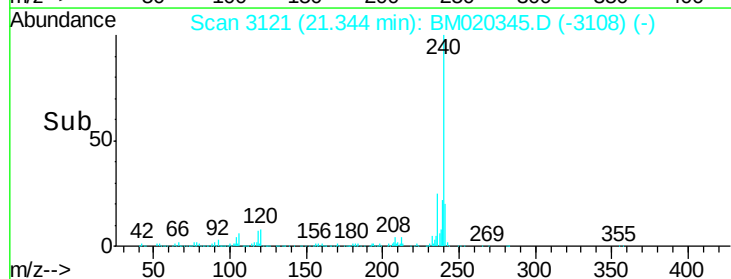
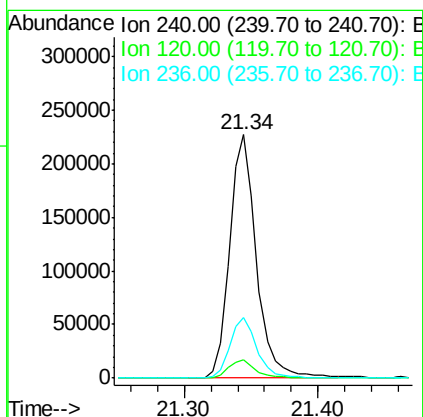
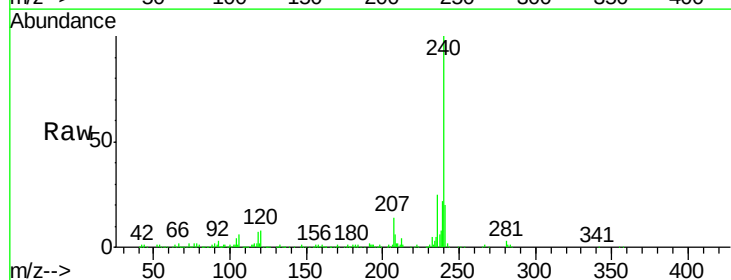
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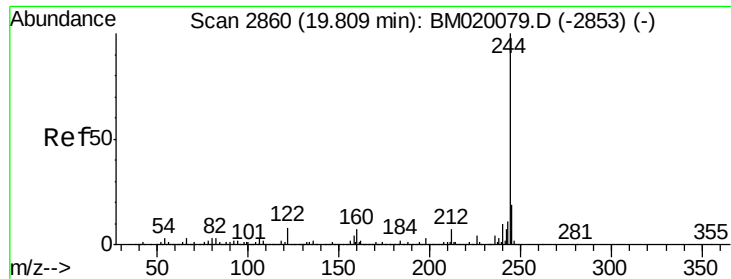
Tgt Ion:188 Resp: 280727
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 9.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BM020345.D
Acq: 14 May 2019 22:46

Tgt Ion:240 Resp: 318748
Ion Ratio Lower Upper
240 100
120 7.8 5.6 8.4
236 24.8 20.9 31.3





#79

Terphenyl-d14

Concen: 80.493 ng

RT: 19.78 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BM020345.D

Acq: 14 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

051019-LIFT-F-U-B

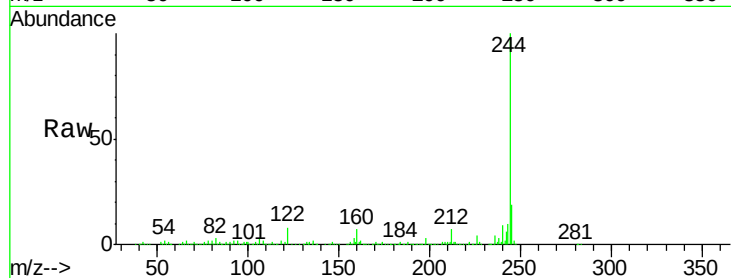
Tgt Ion:244 Resp: 1470972

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

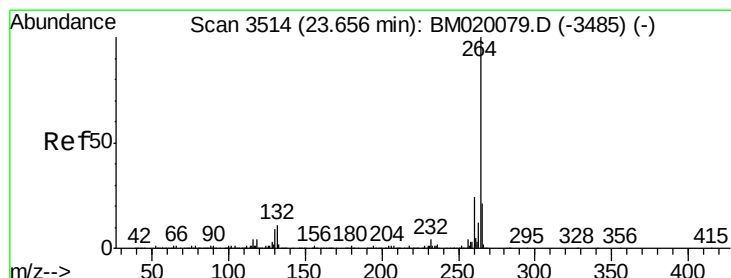
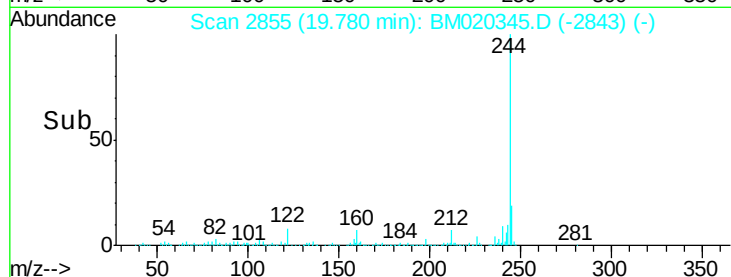
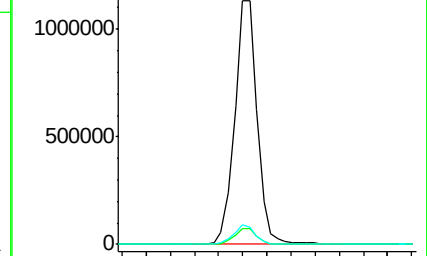
122 8.0 6.2 9.2



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: BM020345.D

Acq: 14 May 2019 22:46

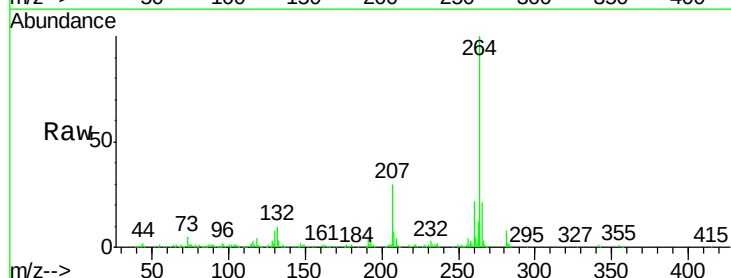
Tgt Ion:264 Resp: 383806

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 21.1 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

