

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019976.D
 Acq On : 19 Apr 2019 15:43
 Operator : JU/SJ
 Sample : K2475-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 19 23:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

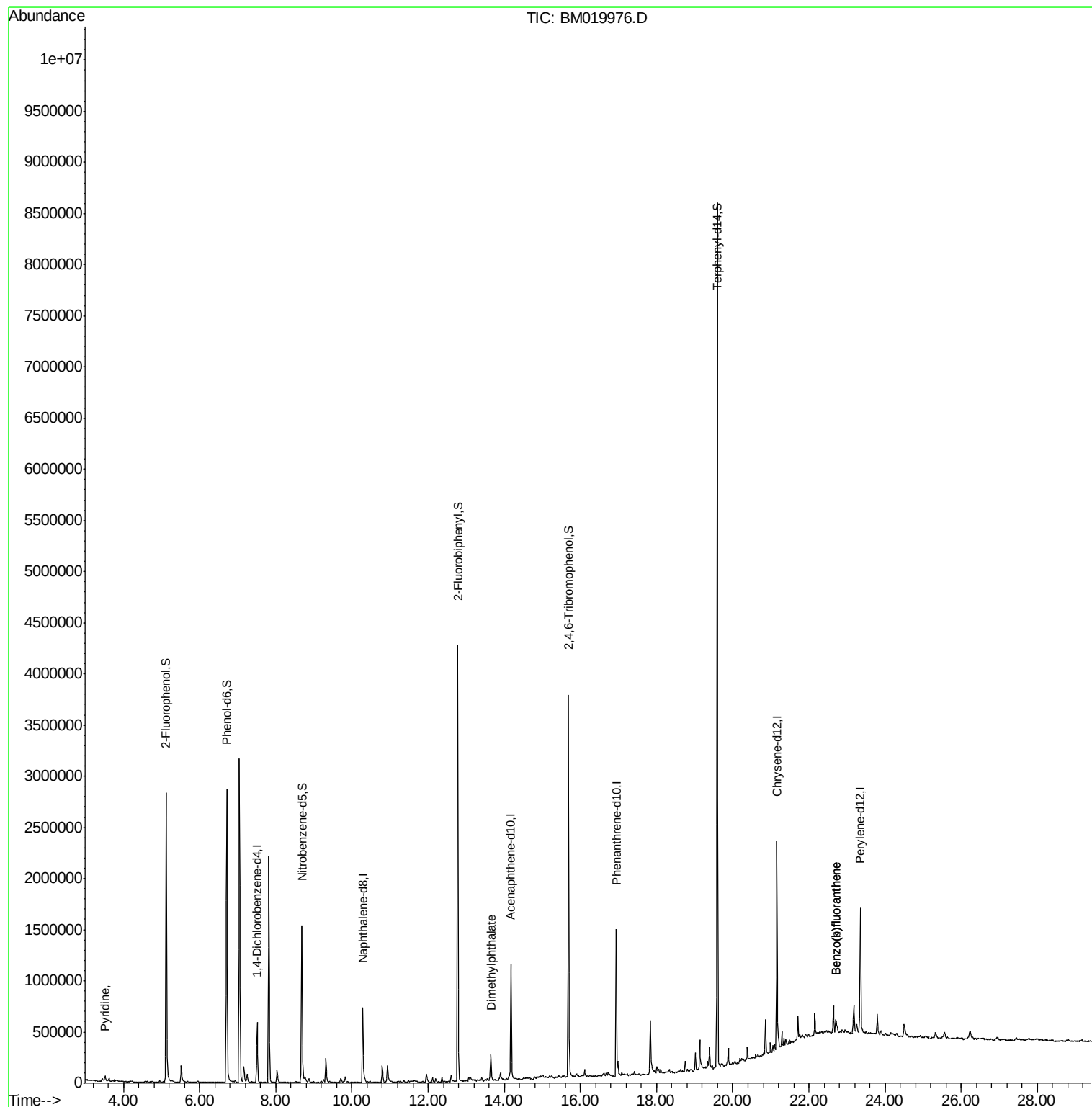
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	148363	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	598061	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	348972	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	775785	20.00	ng	0.00
76) Chrysene-d12	21.16	240	776718	20.00	ng	0.00
87) Perylene-d12	23.36	264	843134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1183203	129.25	ng	0.00
7) Phenol-d6	6.71	99	1624612	117.92	ng	0.00
23) Nitrobenzene-d5	8.69	82	1018778	76.18	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	692954	123.36	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	2053841	73.35	ng	0.00
79) Terphenyl-d14	19.59	244	3373252	76.60	ng	0.00
Target Compounds						
3) Pyridine	3.52	79	24494	2.214	ng	Qvalue # 52
9) Benzaldehyde	6.70	77	4450	Below Cal		# 24
50) Dimethylphthalate	13.65	163	145246	4.719	ng	98
88) Benzo(b)fluoranthene	22.70	252	117954	2.107	ng	# 90
89) Benzo(k)fluoranthene	22.70	252	118744	2.253	ng	# 90

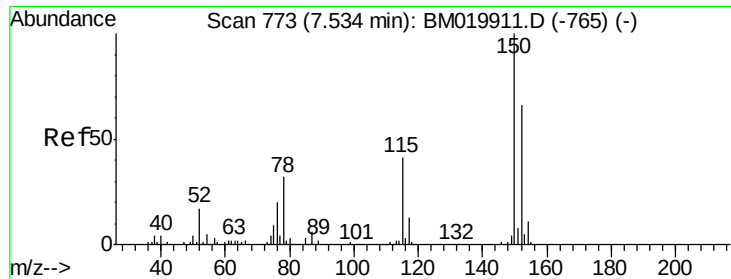
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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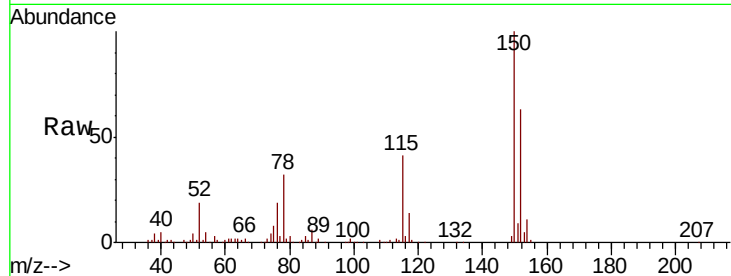


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019976.D
Acq: 19 Apr 2019 15:43

Instrument :
BNA_M
ClientSampleId :
TP-TRACK-70-71

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.1	183.1
115	65.7	50.0	75.0

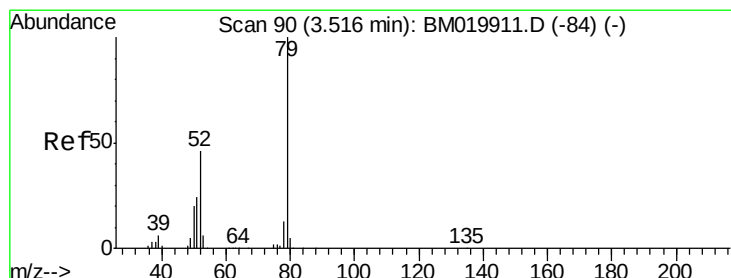
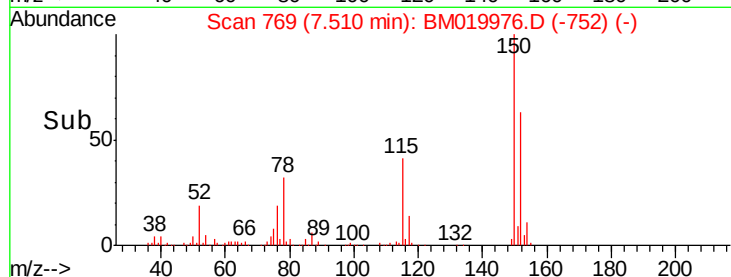
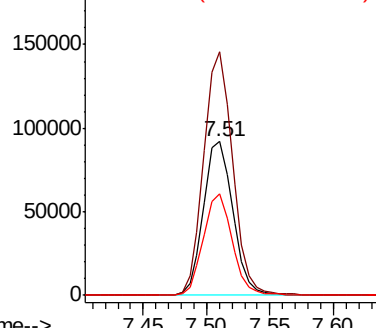


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

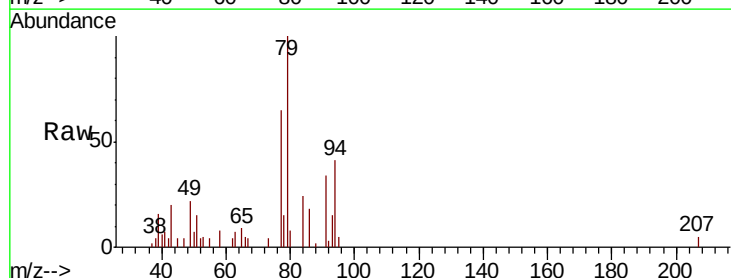
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 2.214 ng
RT: 3.52 min Scan# 90
Delta R.T. 0.01 min
Lab File: BM019976.D
Acq: 19 Apr 2019 15:43

Tgt Ion	Ratio	Lower	Upper
79	100		
52	4.0	36.9	55.3#
51	15.2	20.0	30.0#

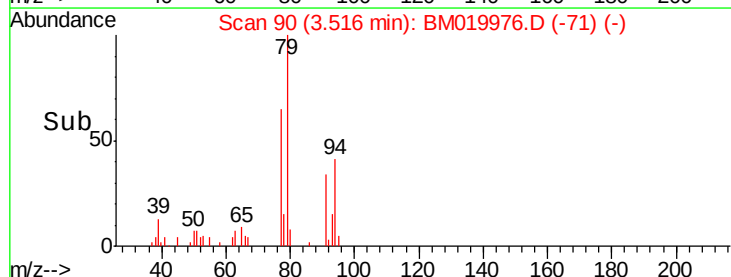
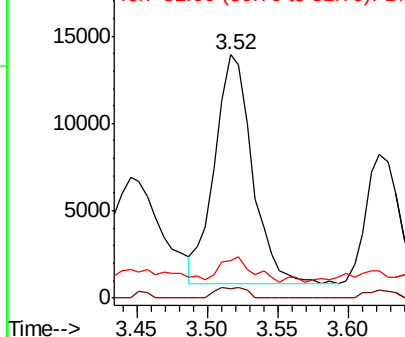


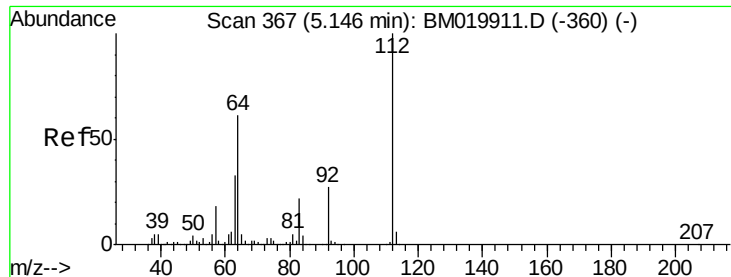
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 129.248 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

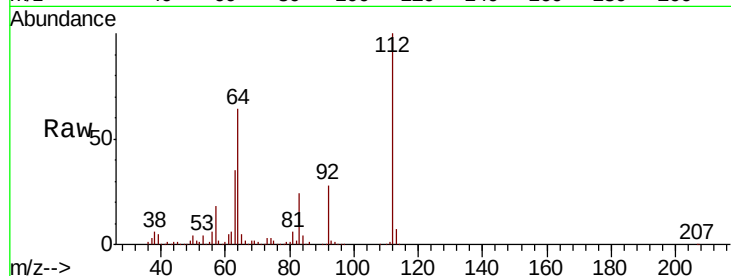
Tgt Ion: 112 Resp: 1183203

Ion Ratio Lower Upper

112 100

64 63.9 49.1 73.7

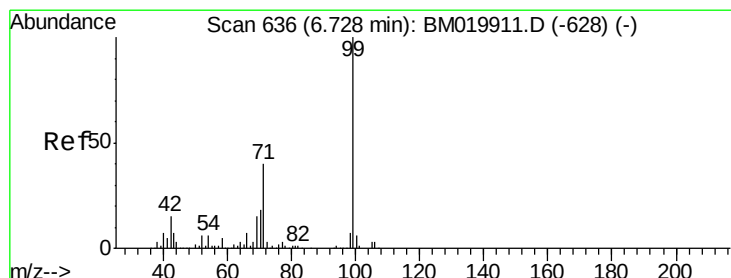
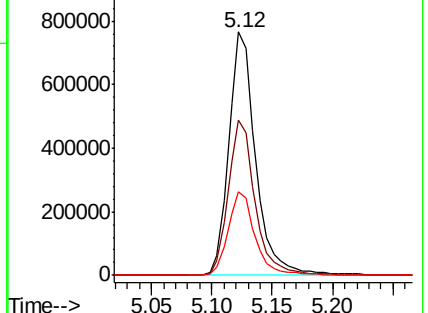
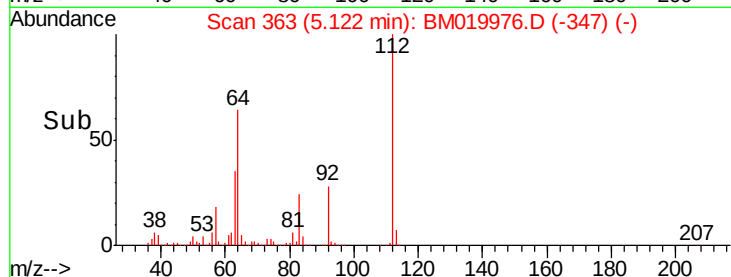
63 34.6 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 117.918 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

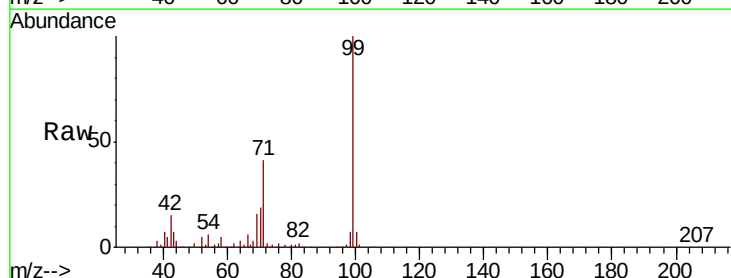
Tgt Ion: 99 Resp: 1624612

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

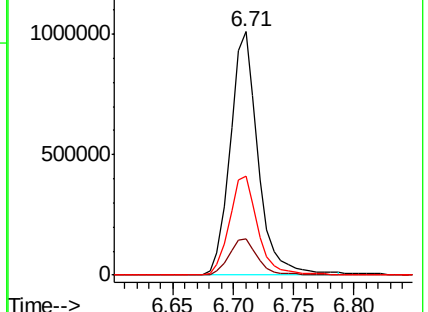
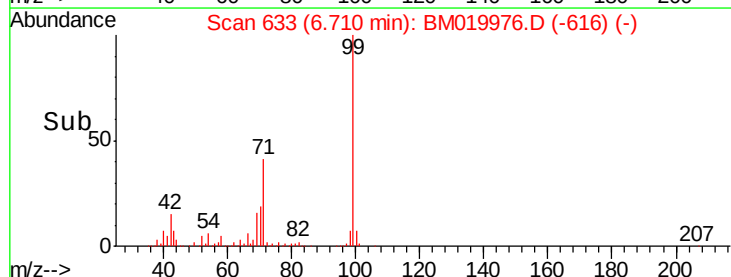
71 40.8 32.0 48.0

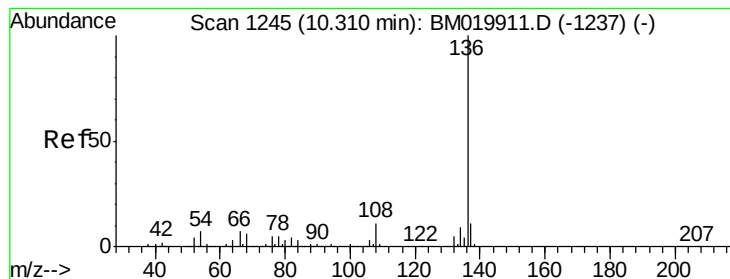


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

Tgt Ion:136 Resp: 598061

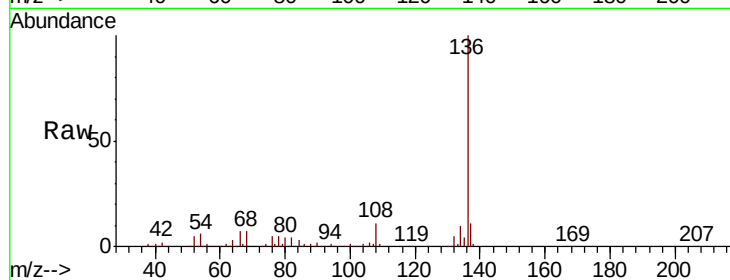
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.4 5.3 7.9

68 6.8 5.2 7.8

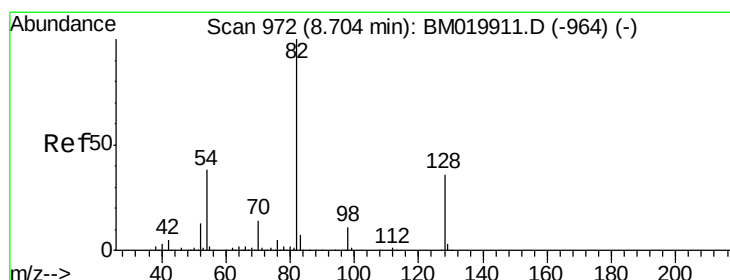
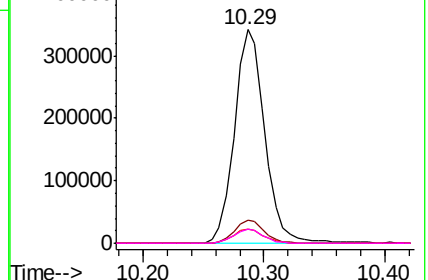
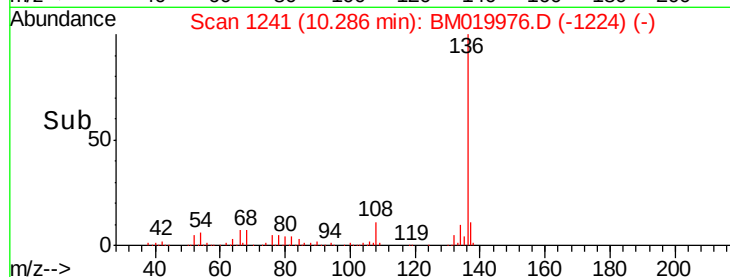


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 76.181 ng

RT: 8.69 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

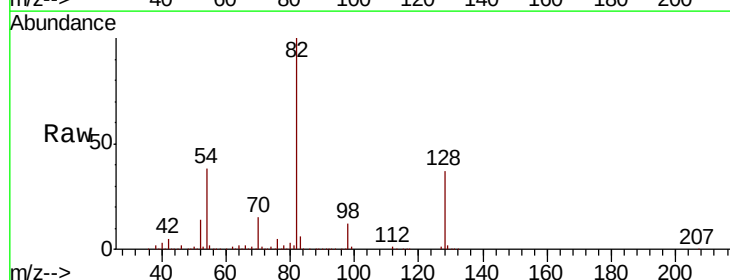
Tgt Ion: 82 Resp: 1018778

Ion Ratio Lower Upper

82 100

128 37.2 29.0 43.4

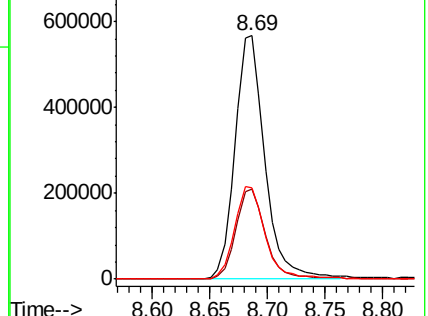
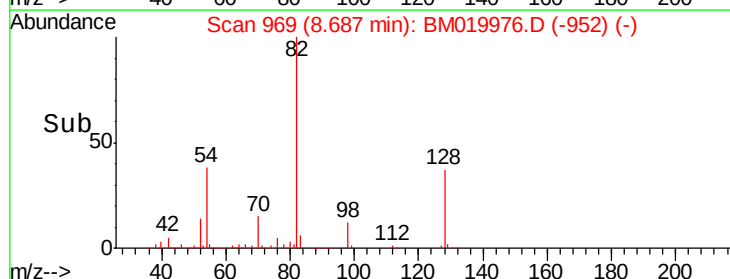
54 37.7 30.2 45.4

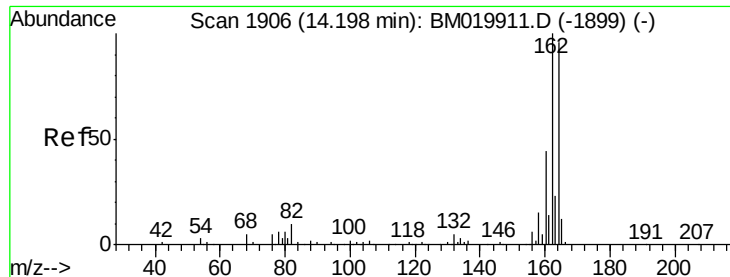


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

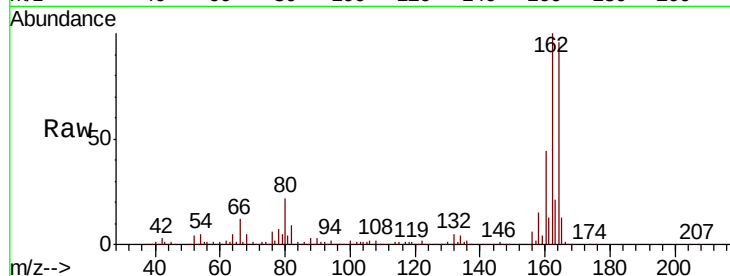
Tgt Ion:164 Resp: 348972

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

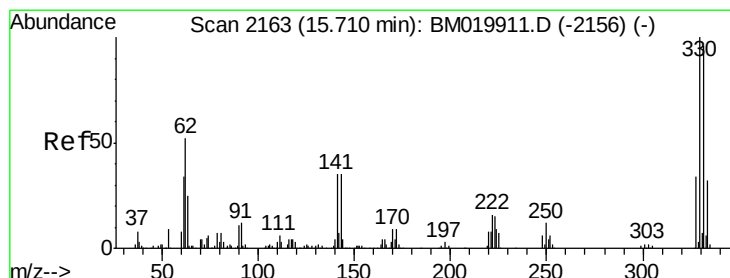
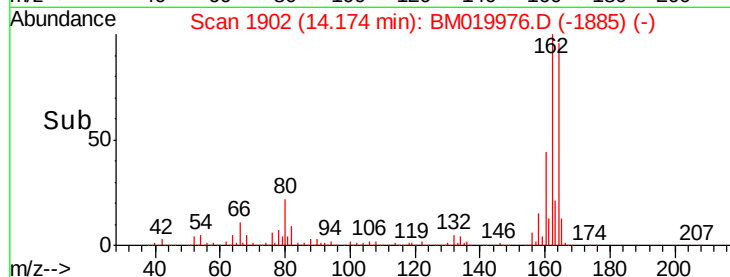
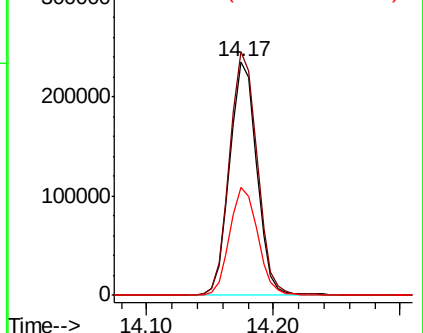
160 46.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 123.357 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

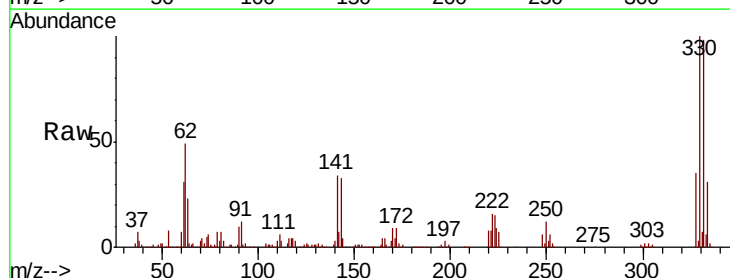
Tgt Ion:330 Resp: 692954

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

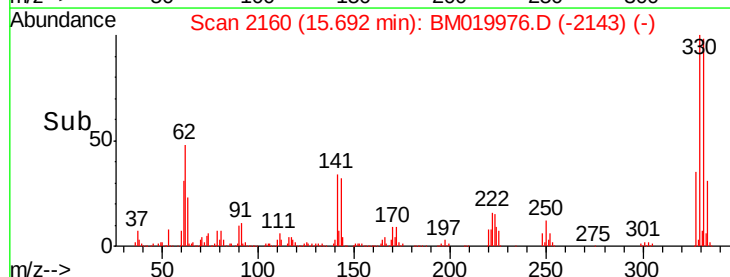
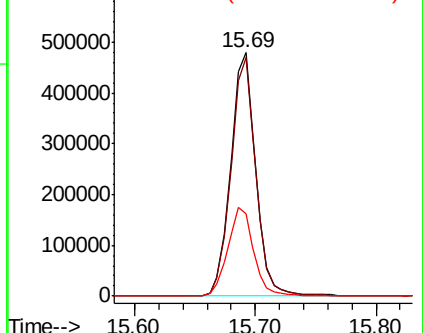
141 37.7 29.0 43.4

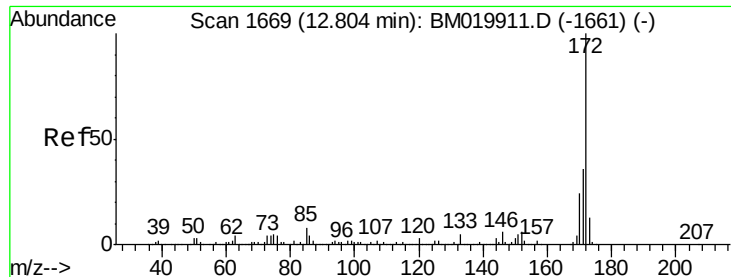


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

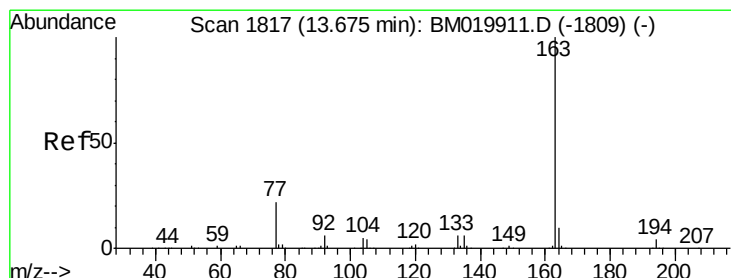
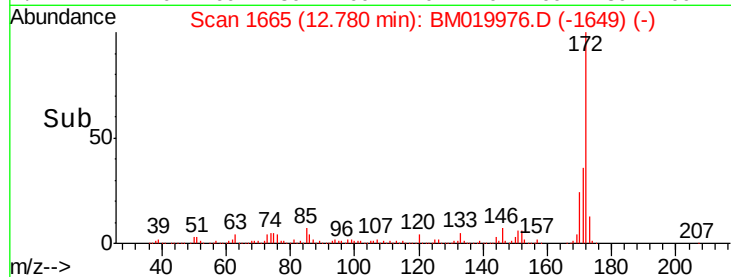
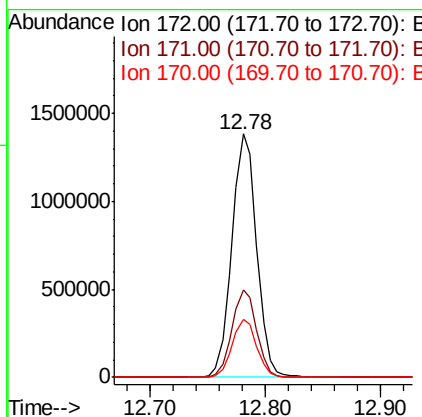
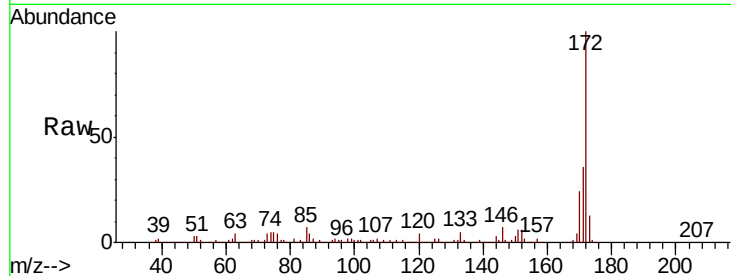




#45
 2-Fluorobiphenyl
 Concen: 73.346 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019976.D
 Acq: 19 Apr 2019 15:43

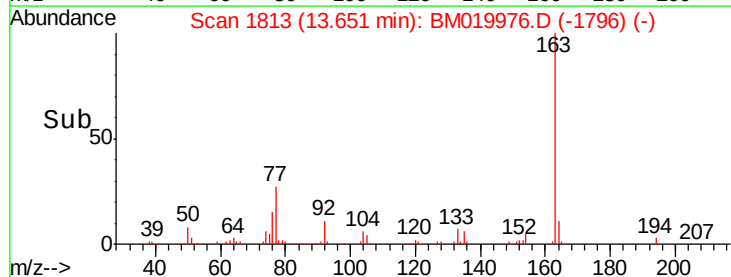
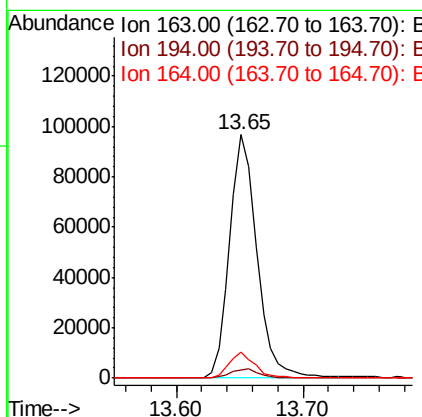
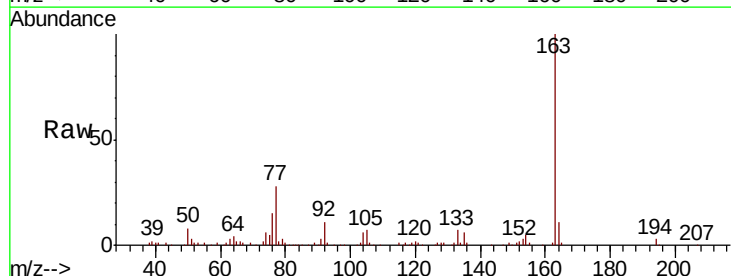
Instrument :
 BNA_M
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 TP-TRACK-70-71

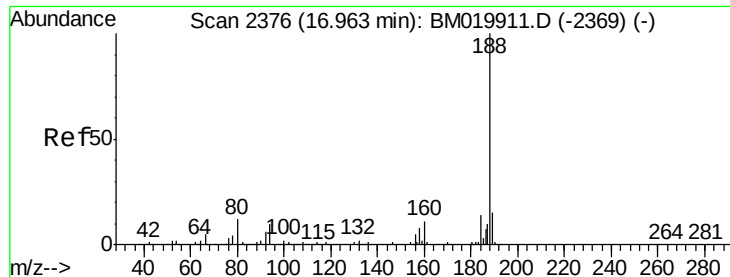
Tgt Ion:172 Resp: 2053841
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.6 19.0 28.4



#50
 Dimethylphthalate
 Concen: 4.719 ng
 RT: 13.65 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BM019976.D
 Acq: 19 Apr 2019 15:43

Tgt Ion:163 Resp: 145246
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.1 4.7
 164 10.5 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

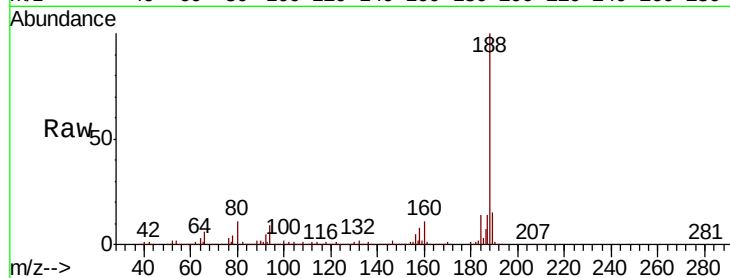
Tgt Ion:188 Resp: 775785

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

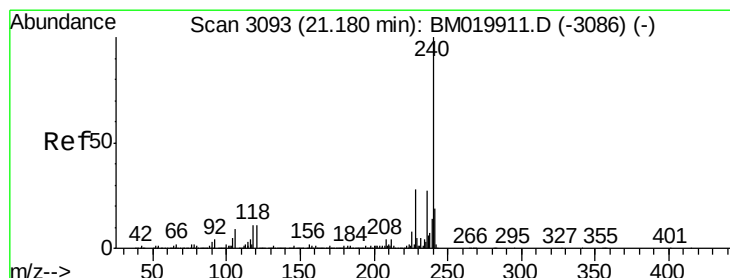
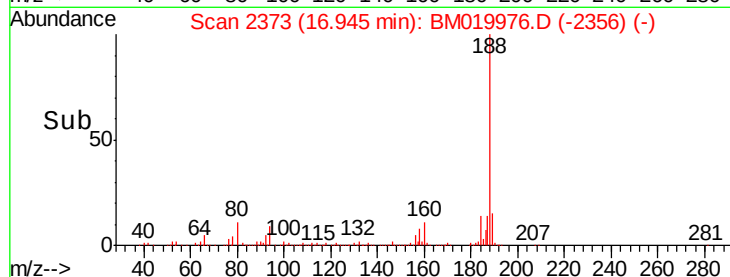
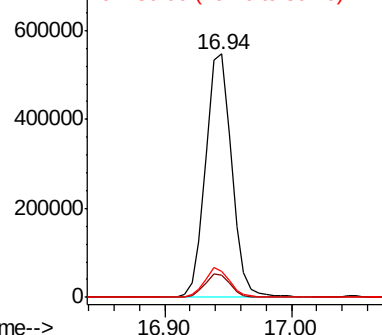
80 10.6 9.4 14.0



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: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

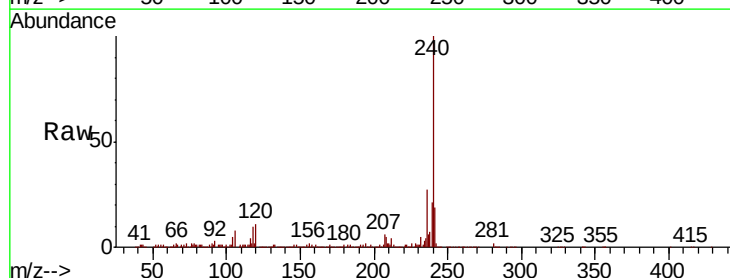
Tgt Ion:240 Resp: 776718

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

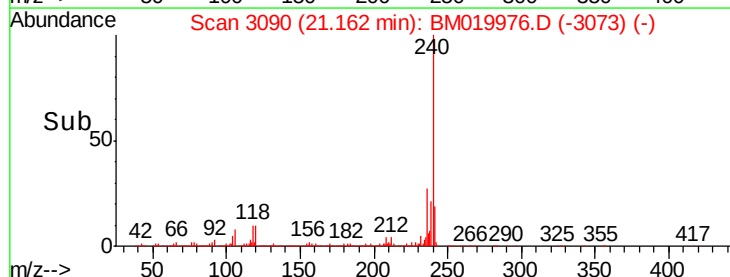
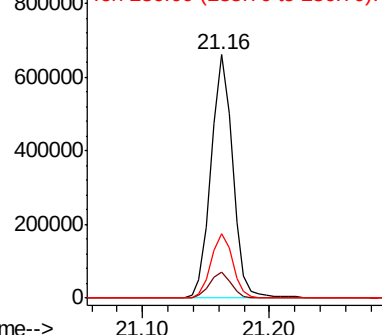
236 26.6 21.4 32.2

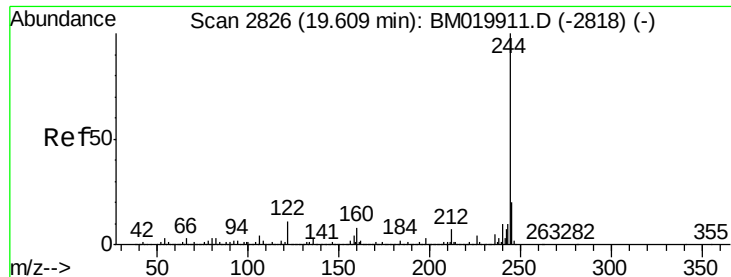


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.602 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

Instrument :

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TP-TRACK-70-71

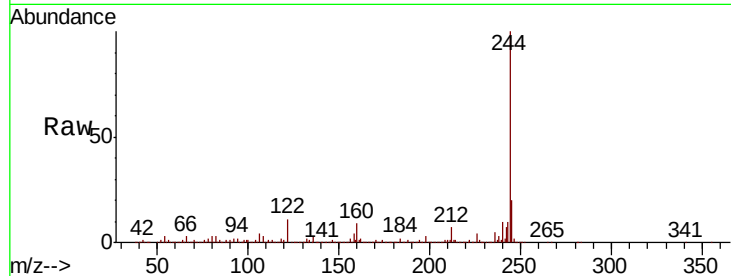
Tgt Ion:244 Resp: 3373252

Ion Ratio Lower Upper

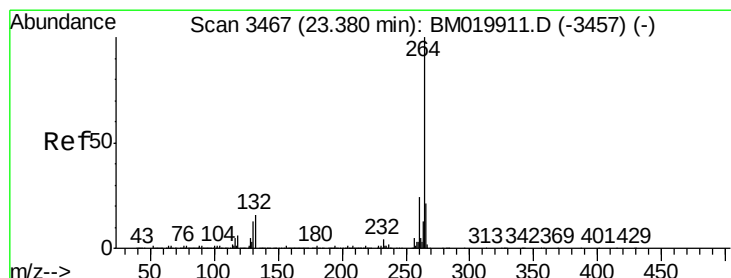
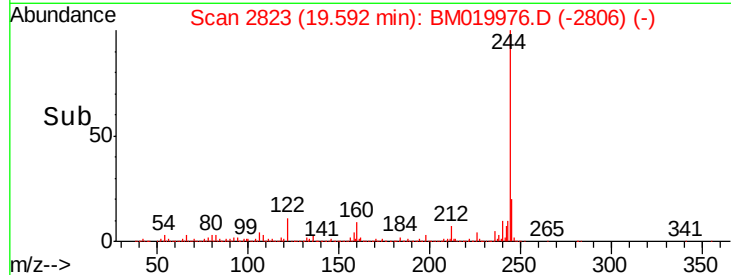
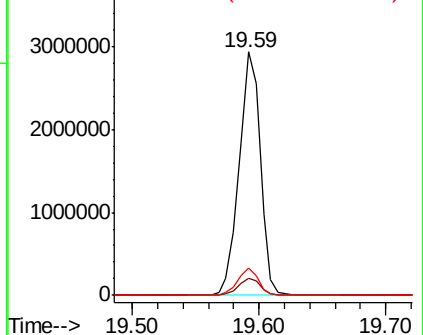
244 100

212 7.3 5.7 8.5

122 11.3 9.1 13.7



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: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

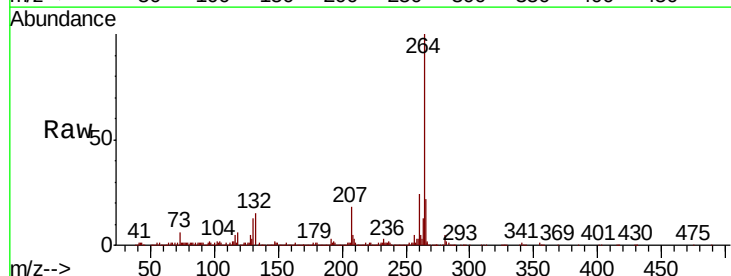
Tgt Ion:264 Resp: 843134

Ion Ratio Lower Upper

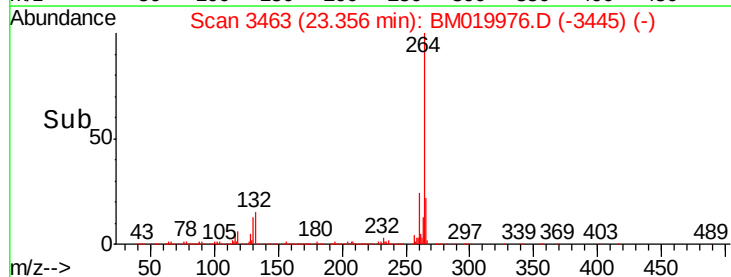
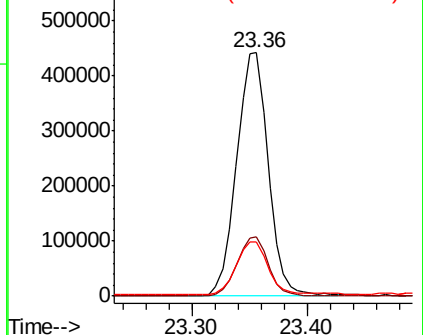
264 100

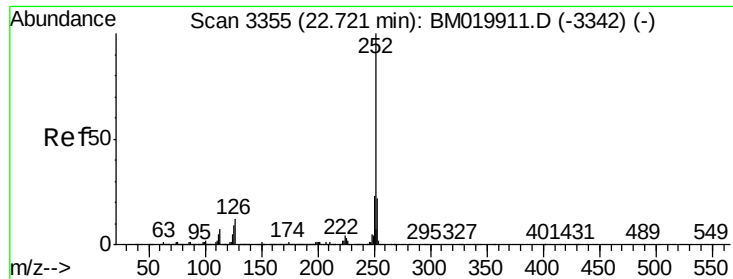
260 24.2 19.2 28.8

265 22.2 17.2 25.8



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





#88

Benzo(b)fluoranthene

Concen: 2.107 ng

RT: 22.70 min Scan# 3352

Delta R.T. 0.01 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

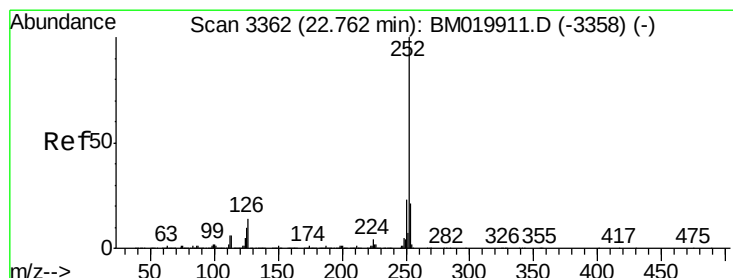
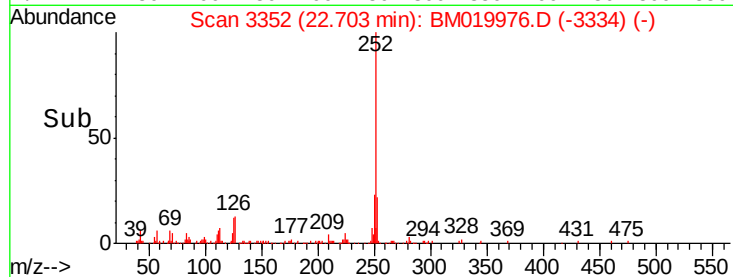
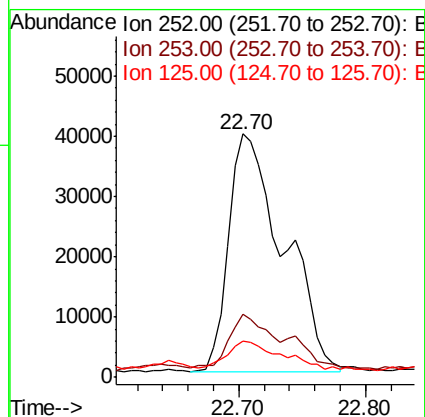
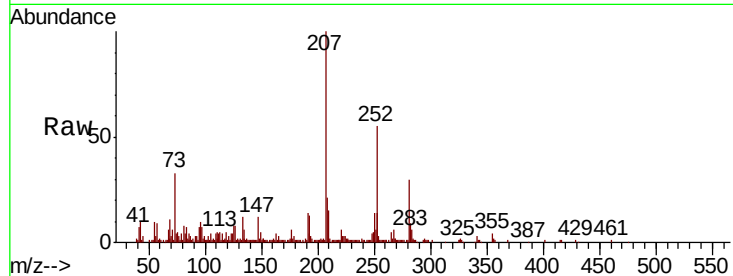
Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

Tgt Ion:	252	Resp:	117954
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.5	26.3
125	14.7	7.6	11.4#



#89

Benzo(k)fluoranthene

Concen: 2.253 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.04 min

Lab File: BM019976.D

Acq: 19 Apr 2019 15:43

Tgt Ion:	252	Resp:	118744
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.3	25.9
125	14.7	8.2	12.4#

