

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019977.D
 Acq On : 19 Apr 2019 16:21
 Operator : JU/SJ
 Sample : K2474-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-74-75

Quant Time: Apr 19 23:34:32 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

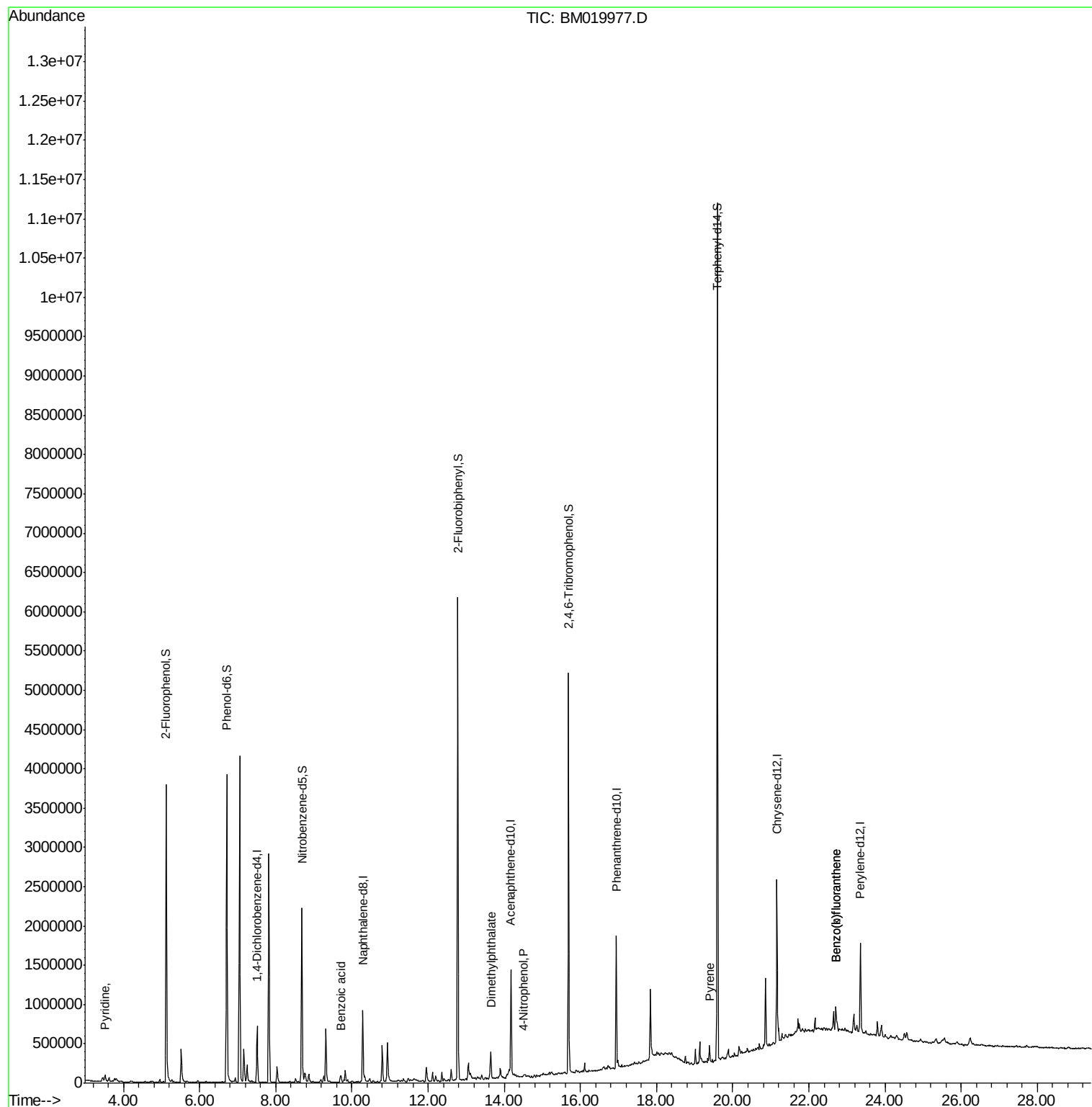
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	178750	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	720521	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	418371	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	899918	20.00	ng	0.00
76) Chrysene-d12	21.16	240	809009	20.00	ng	0.00
87) Perylene-d12	23.35	264	761704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1557078	141.17	ng	0.00
7) Phenol-d6	6.71	99	2190781	131.98	ng	0.00
23) Nitrobenzene-d5	8.69	82	1385702	86.01	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	925350	137.40	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	2883321	85.89	ng	0.00
79) Terphenyl-d14	19.60	244	4465193	97.35	ng	0.00
Target Compounds						
3) Pyridine	3.52	79	48479	3.637	ng	# 48
9) Benzaldehyde	6.71	77	6209	Below Cal		# 44
32) Benzoic acid	9.70	122	430	5.114	ng	# 1
50) Dimethylphthalate	13.65	163	192639	5.220	ng	# 99
56) 4-Nitrophenol	14.51	139	149	5.881	ng	# 1
78) Pyrene	19.39	202	114140	2.130	ng	# 97
88) Benzo(b)fluoranthene	22.70	252	118139	2.336	ng	# 88
89) Benzo(k)fluoranthene	22.70	252	118139	2.481	ng	# 88

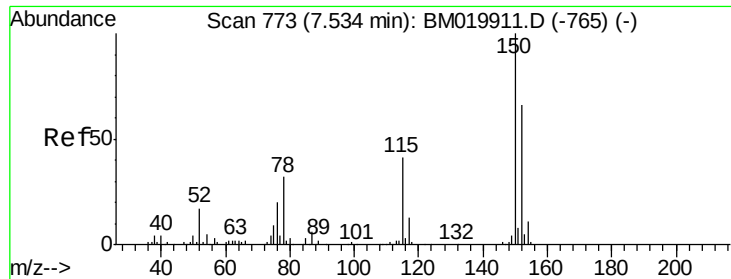
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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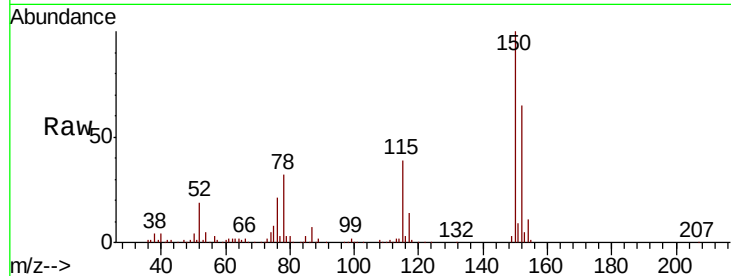


#1

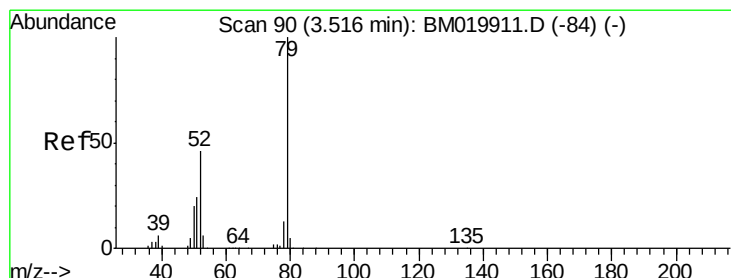
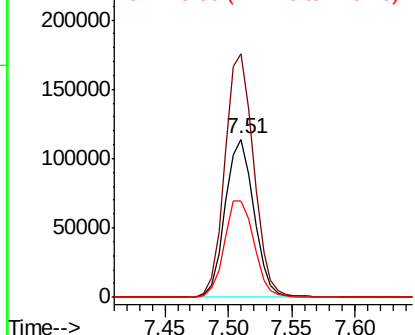
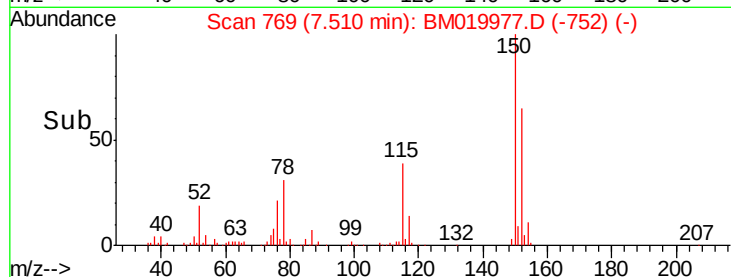
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

Instrument :
BNA_M
ClientSampleId :
TP-TRACK-74-75

Tgt Ion:152 Resp: 178750
Ion Ratio Lower Upper
152 100
150 153.9 122.1 183.1
115 60.7 50.0 75.0



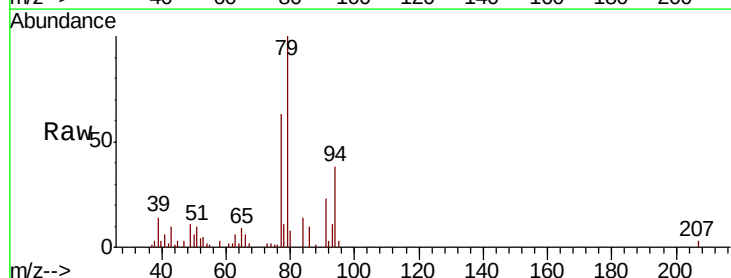
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



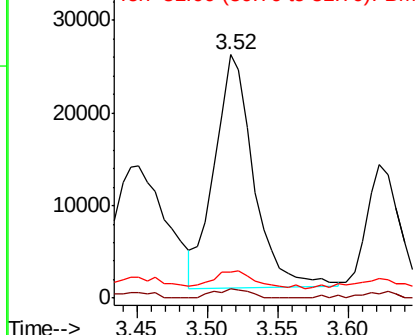
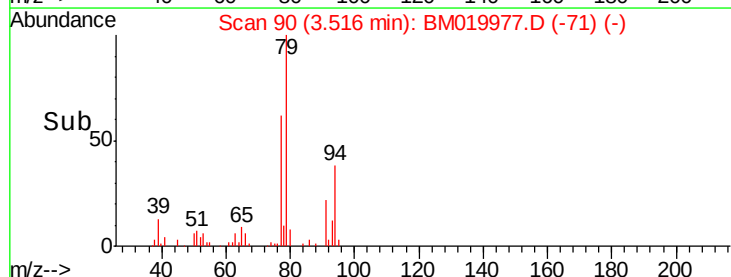
#3

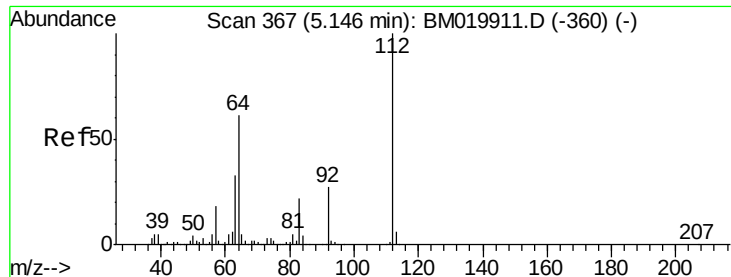
Pyridine
Concen: 3.637 ng
RT: 3.52 min Scan# 90
Delta R.T. 0.01 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

Tgt Ion: 79 Resp: 48479
Ion Ratio Lower Upper
79 100
52 3.6 36.9 55.3#
51 10.5 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: 141.174 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-74-75

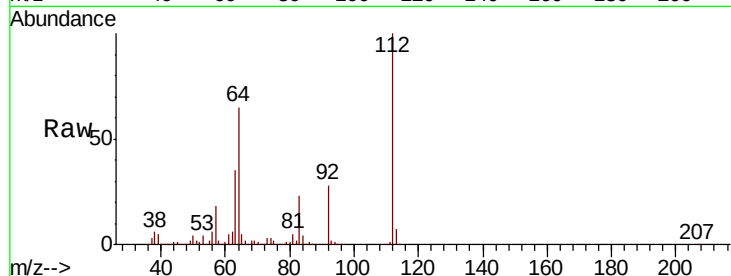
Tgt Ion:112 Resp: 1557078

Ion Ratio Lower Upper

112 100

64 64.9 49.1 73.7

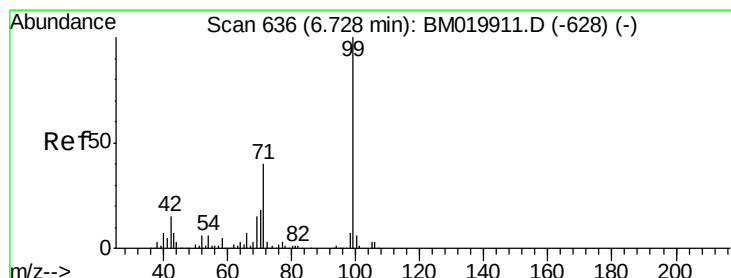
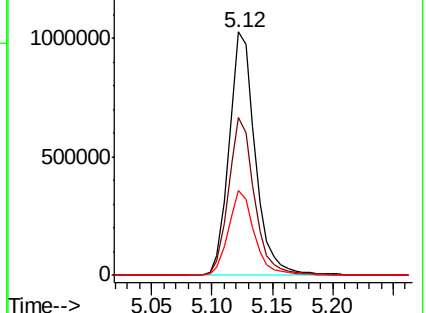
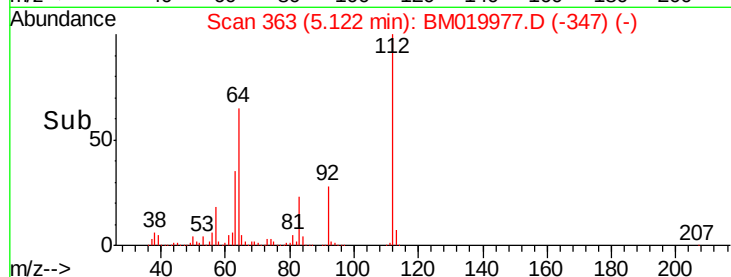
63 34.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 131.981 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

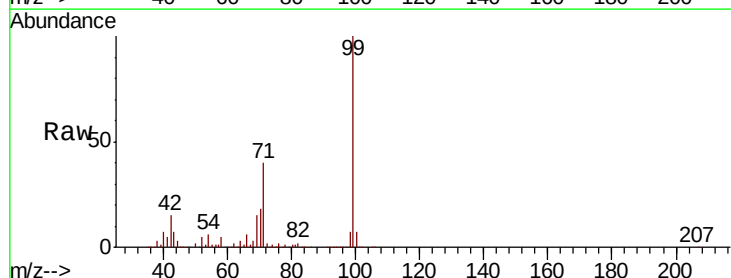
Tgt Ion: 99 Resp: 2190781

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

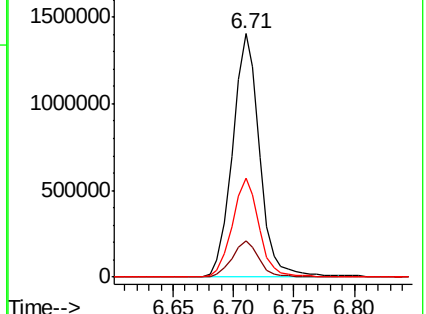
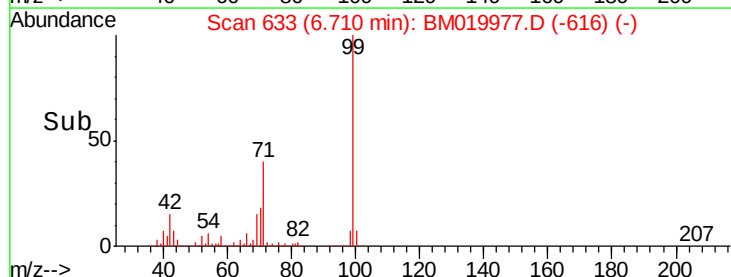
71 40.4 32.0 48.0

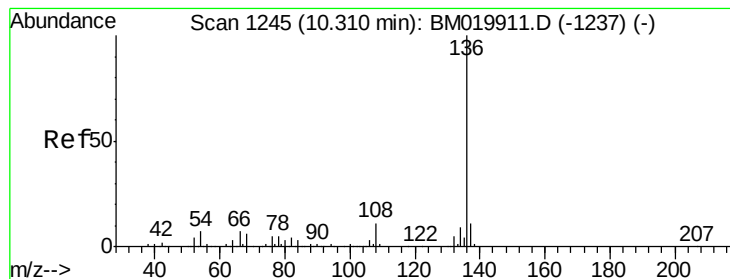


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-74-75

Tgt Ion:136 Resp: 720521

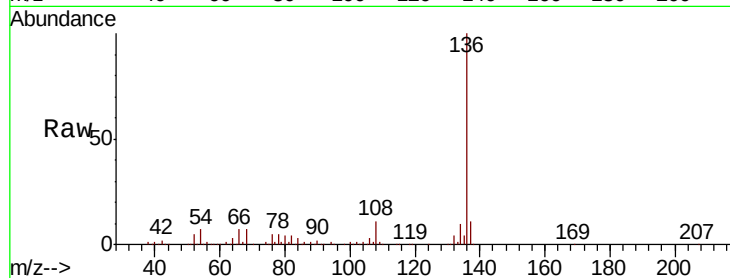
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.8 5.3 7.9

68 7.0 5.2 7.8

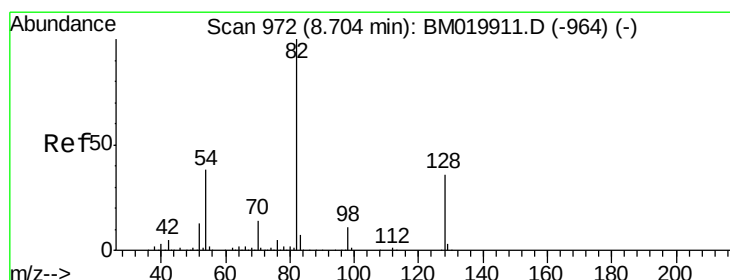
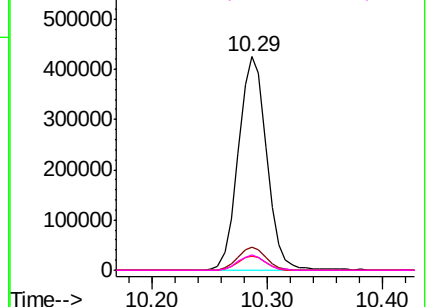
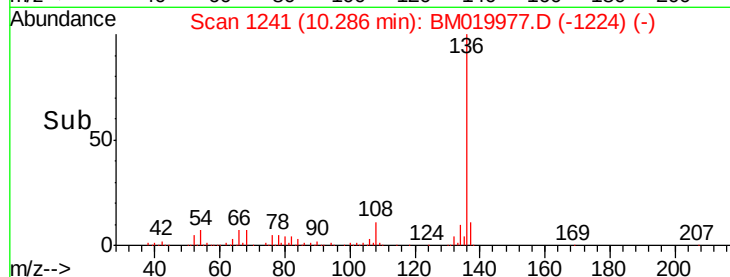


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.008 ng

RT: 8.69 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

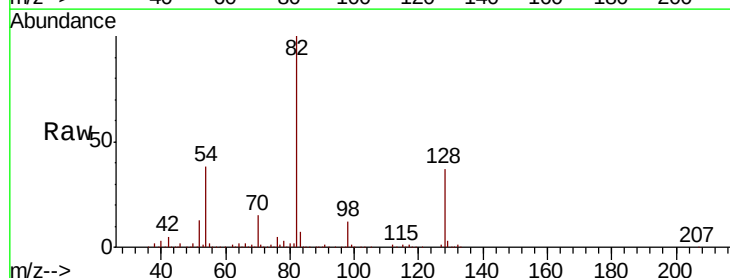
Tgt Ion: 82 Resp: 1385702

Ion Ratio Lower Upper

82 100

128 37.0 29.0 43.4

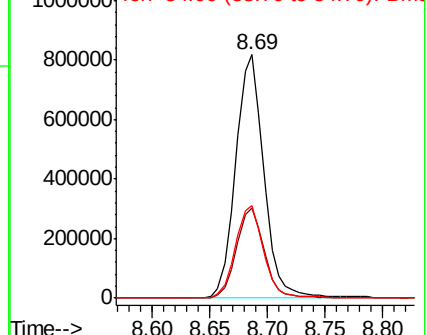
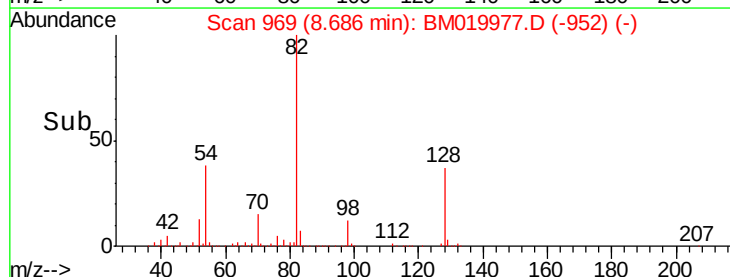
54 37.8 30.2 45.4

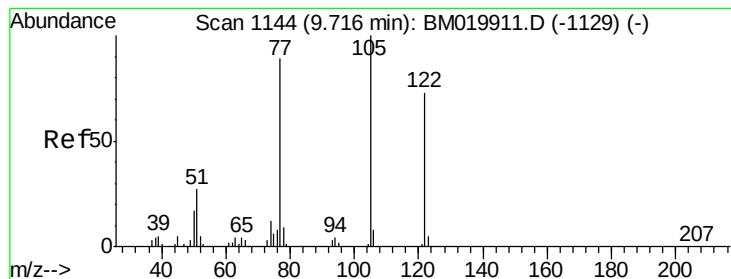


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#32

Benzoic acid

Concen: 5.114 ng

RT: 9.70 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

Instrument :

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TP-TRACK-74-75

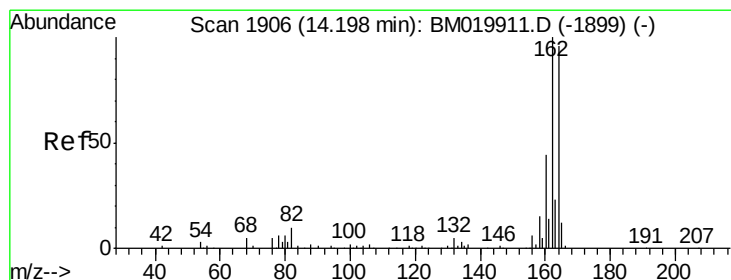
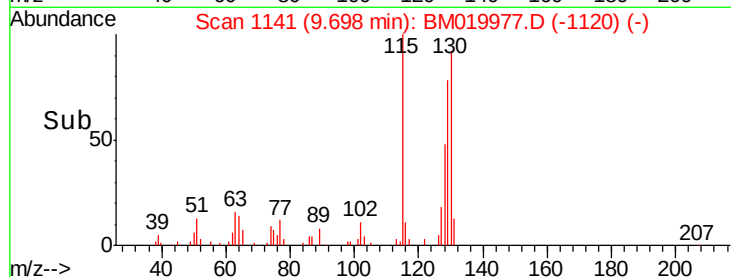
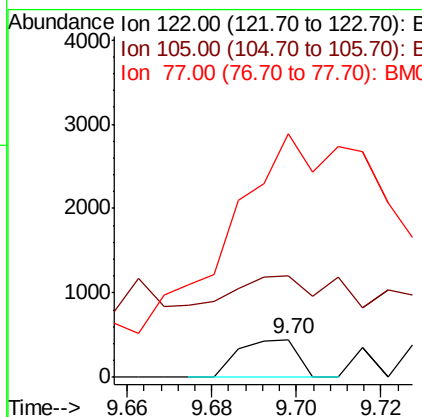
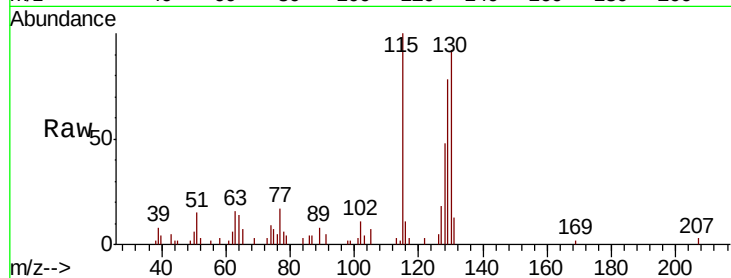
Tgt Ion:122 Resp: 430

Ion Ratio Lower Upper

122 100

105 267.0 114.8 154.8#

77 642.5 100.2 140.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

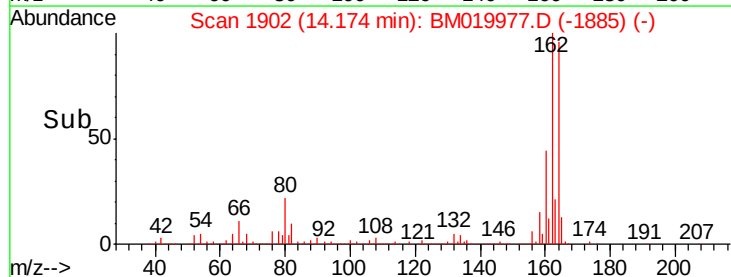
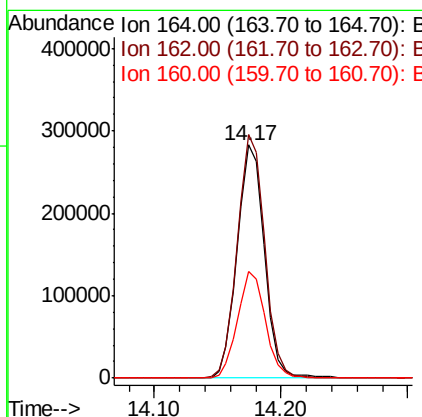
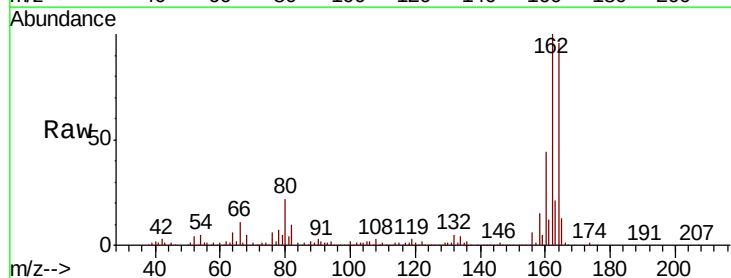
Tgt Ion:164 Resp: 418371

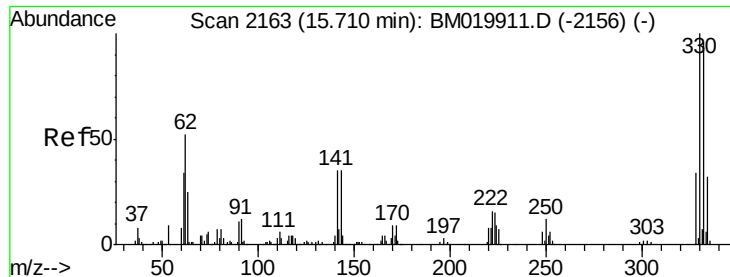
Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

160 45.9 36.6 55.0

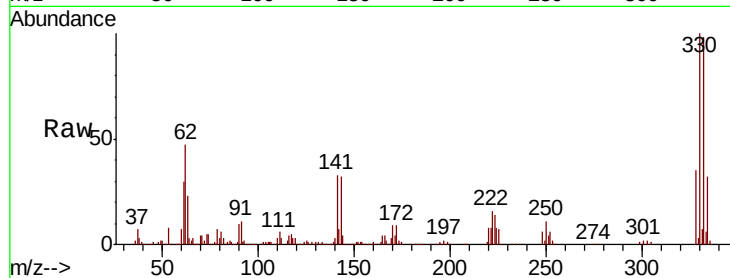




#42
 2,4,6-Tribromophenol
 Concen: 137.402 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

Instrument :
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 TP-TRACK-74-75

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	36.3	29.0	43.4

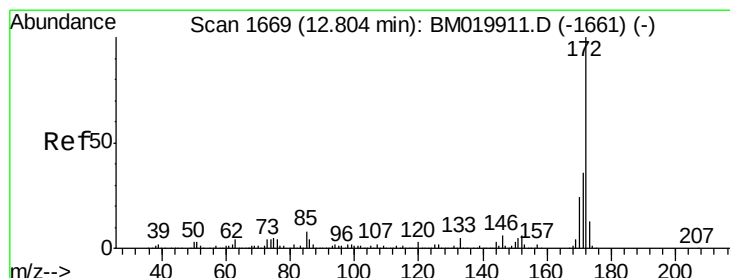
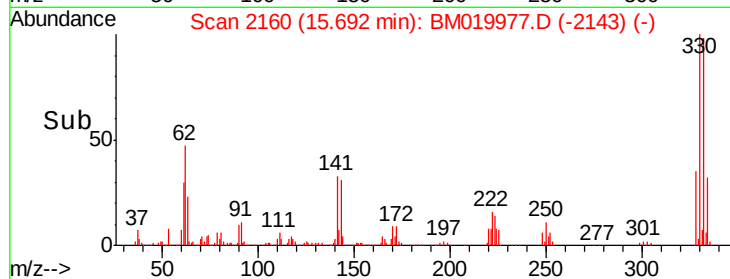
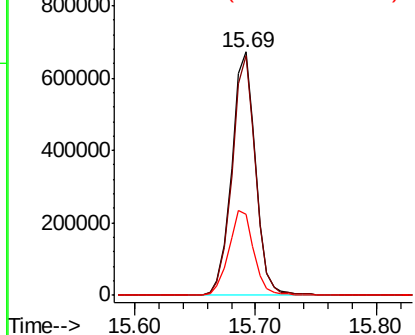


Abundance

Ion 329.80 (329.50 to 330.50): E

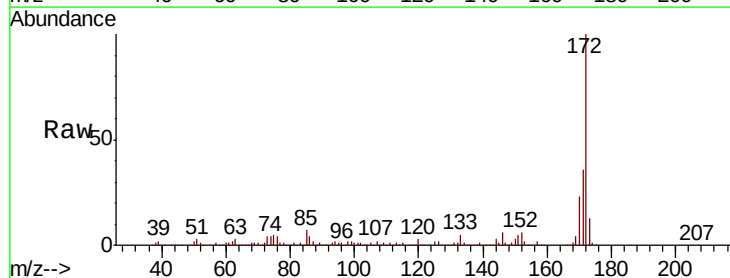
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.888 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	19.0	28.4

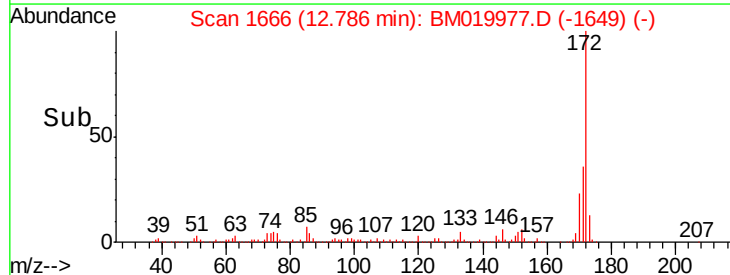
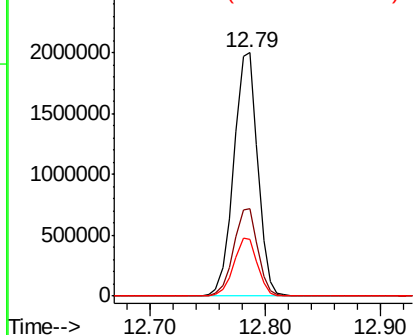


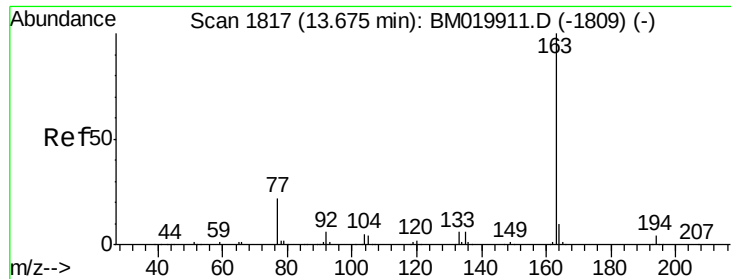
Abundance

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

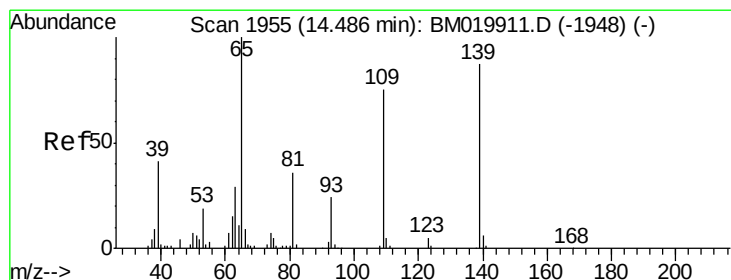
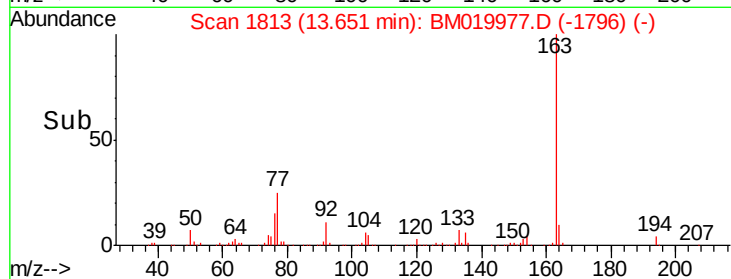
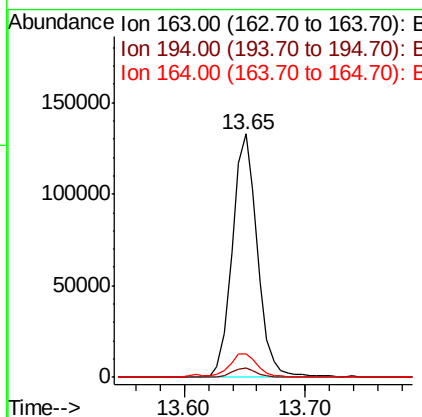
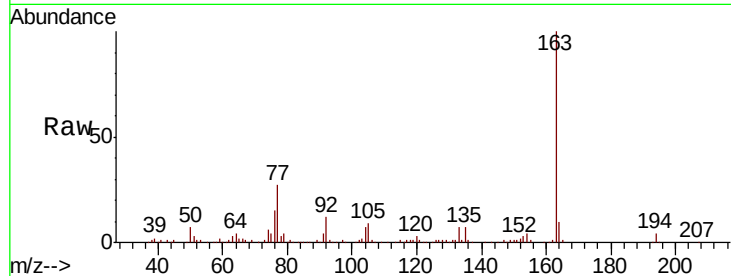




#50
Dimethylphthalate
Concen: 5.220 ng
RT: 13.65 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

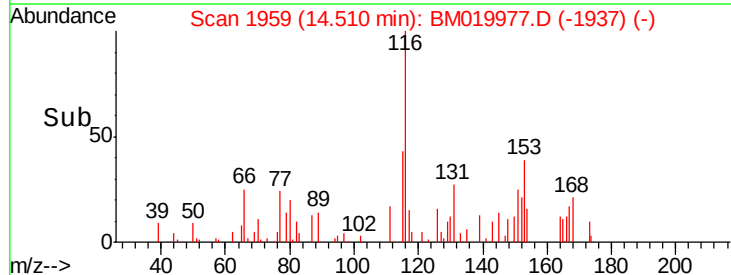
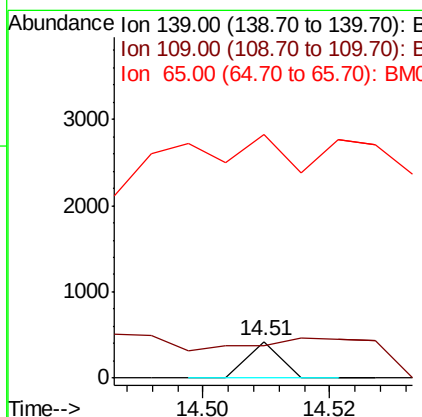
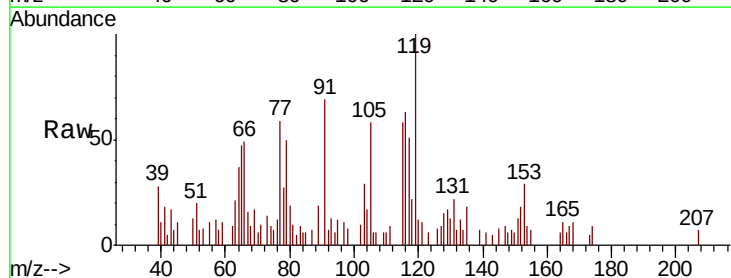
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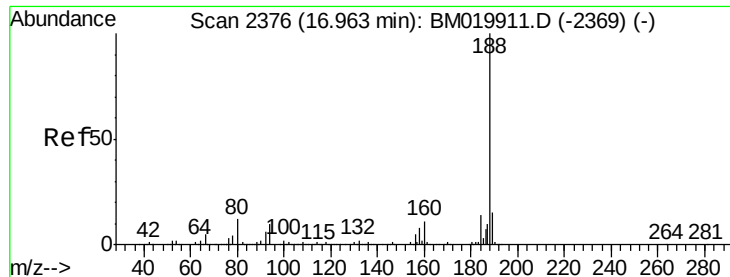
Tgt Ion:163 Resp: 192639
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.6 7.9 11.9



#56
4-Nitrophenol
Concen: 5.881 ng
RT: 14.51 min Scan# 1959
Delta R.T. 0.03 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

Tgt Ion:139 Resp: 149
Ion Ratio Lower Upper
139 100
109 89.5 65.3 105.3
65 670.8 94.9 134.9#

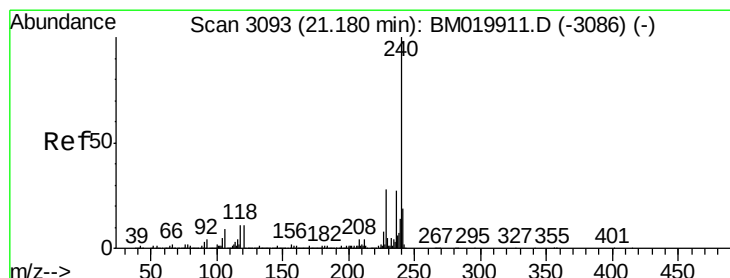
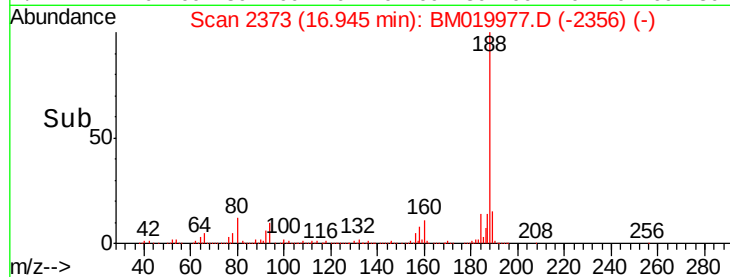
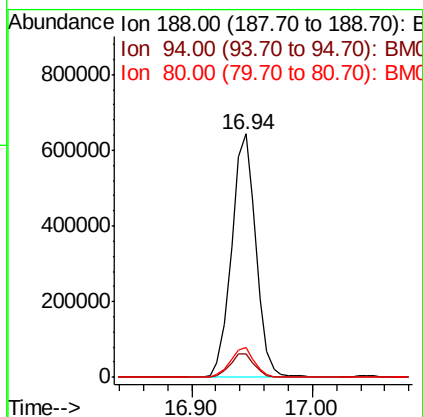
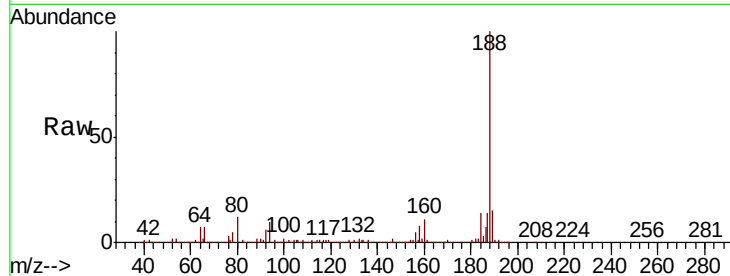




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

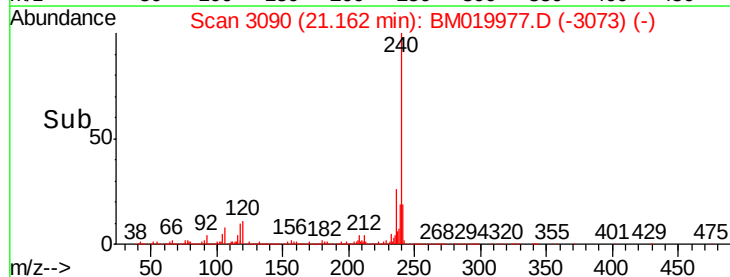
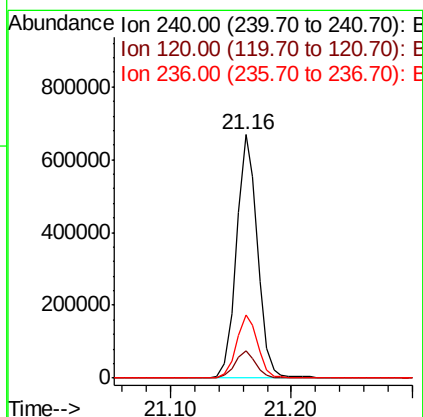
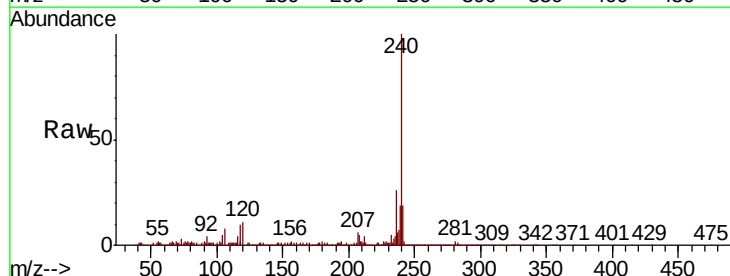
Instrument :
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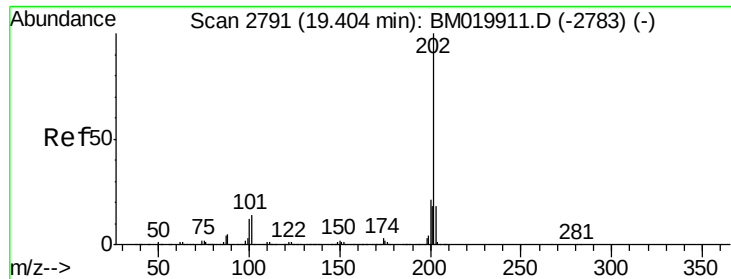
Tgt Ion:188 Resp: 899918
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 12.0 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

Tgt Ion:240 Resp: 809009
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 26.0 21.4 32.2

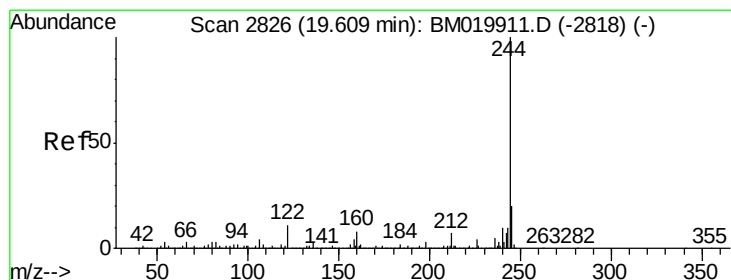
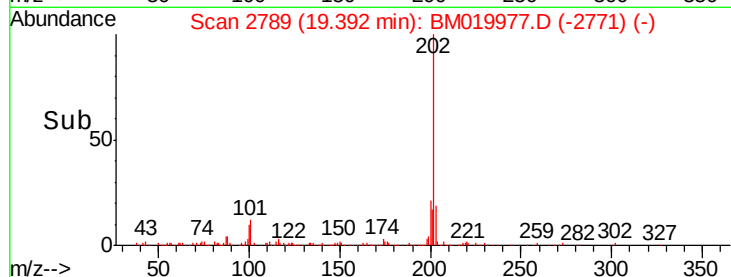
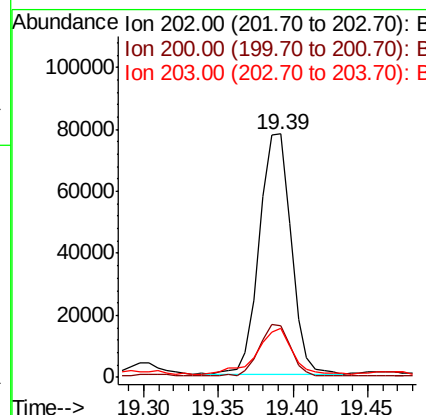
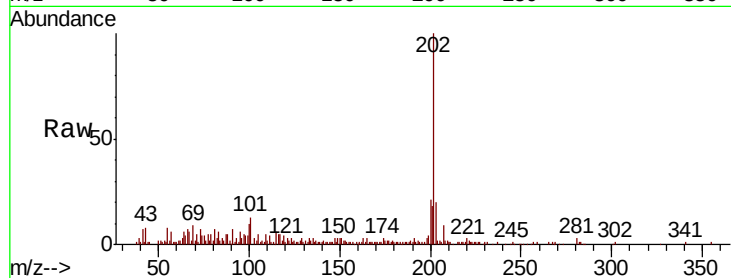




#78
 Pyrene
 Concen: 2.130 ng
 RT: 19.39 min Scan# 2789
 Delta R.T. 0.01 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

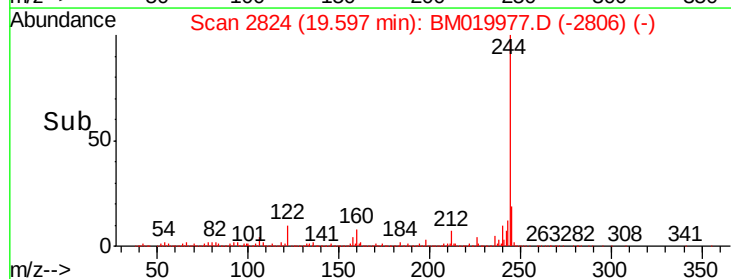
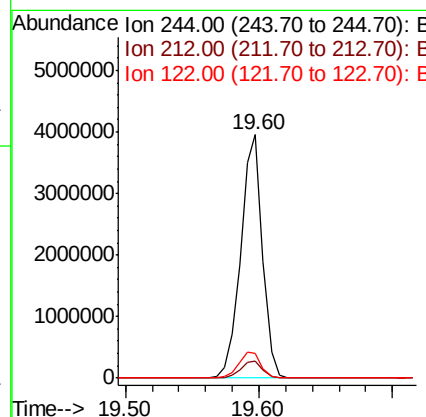
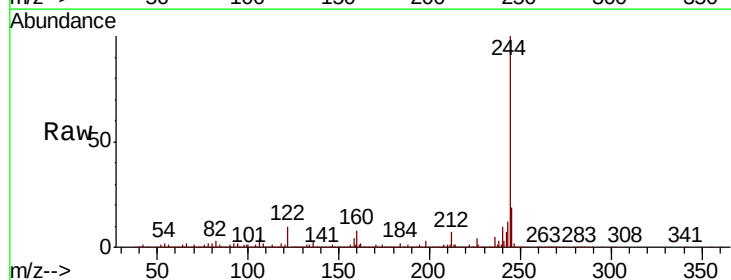
Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-74-75

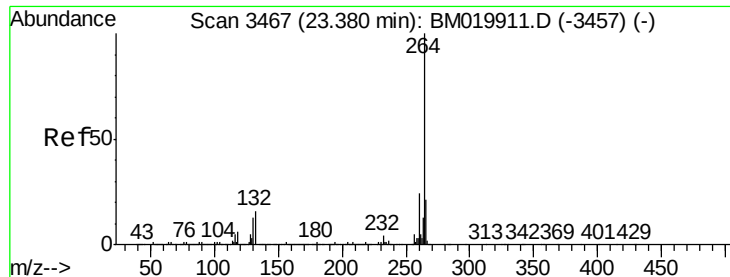
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	20.1	14.0	21.0



#79
 Terphenyl-d14
 Concen: 97.351 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. 0.01 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.0	9.1	13.7

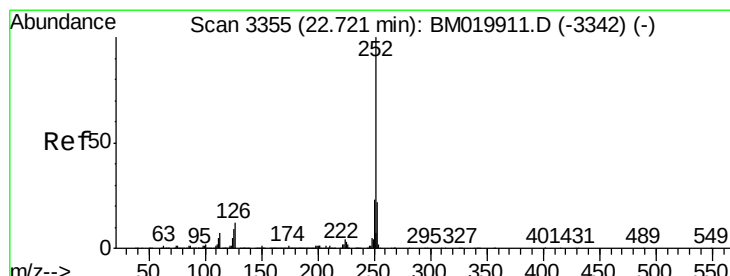
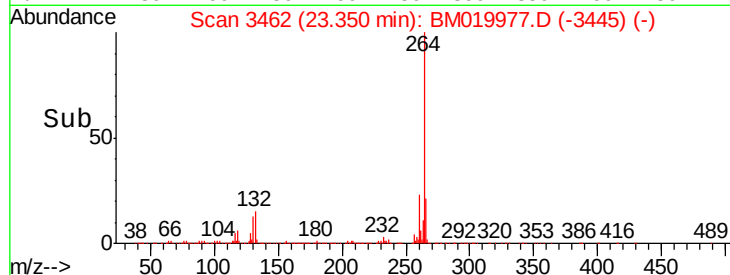
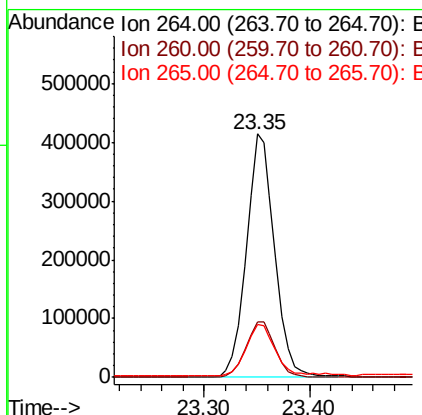
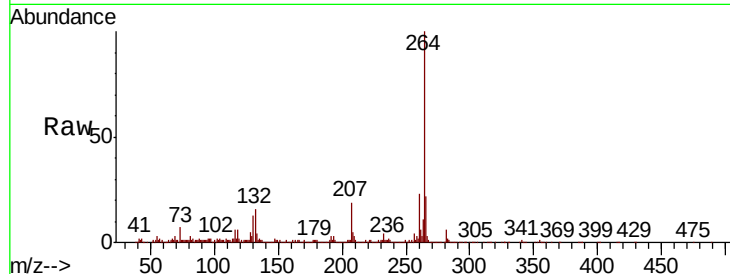




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

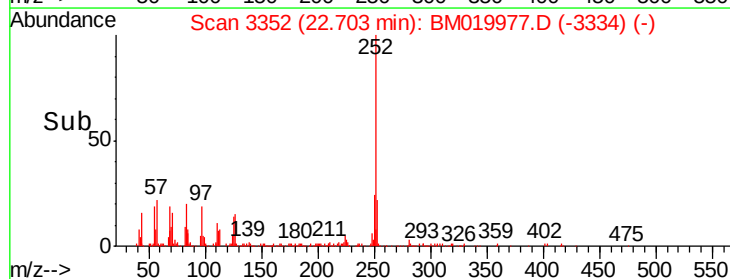
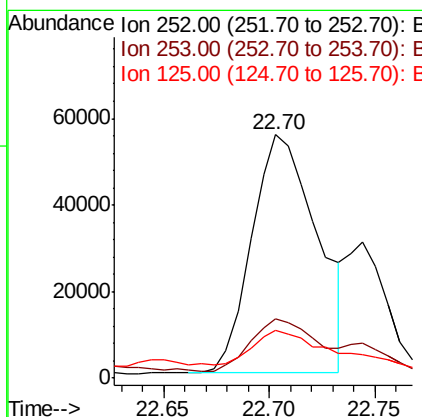
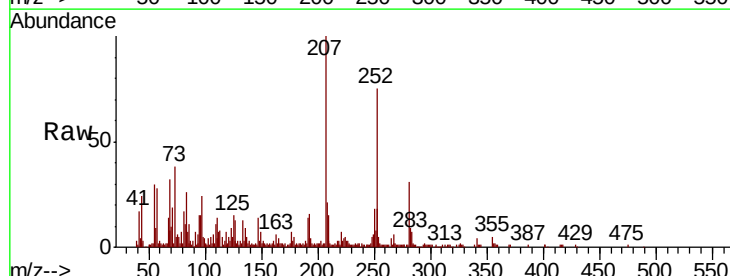
Instrument :
BNA_M
ClientSampleId :
TP-TRACK-74-75

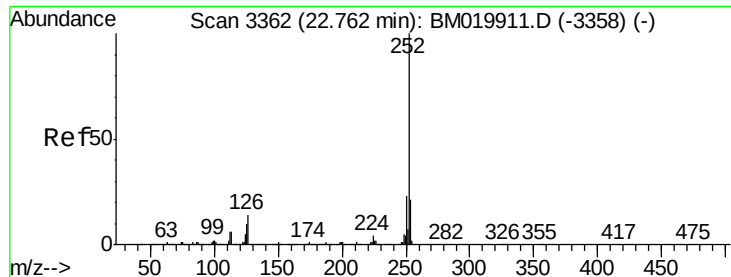
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 2.336 ng
RT: 22.70 min Scan# 3352
Delta R.T. 0.01 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	19.5	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 2.481 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.04 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-74-75

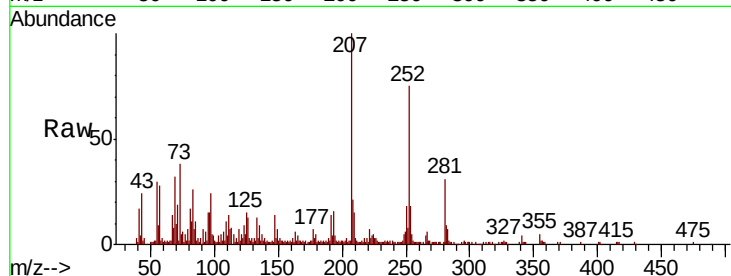
Tgt Ion: 252 Resp: 118139

Ion Ratio Lower Upper

252 100

253 24.5 17.3 25.9

125 19.5 8.2 12.4



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

