

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019977.D
 Acq On : 19 Apr 2019 16:21
 Operator : JU/SJ
 Sample : K2475-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 20 04:14:04 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

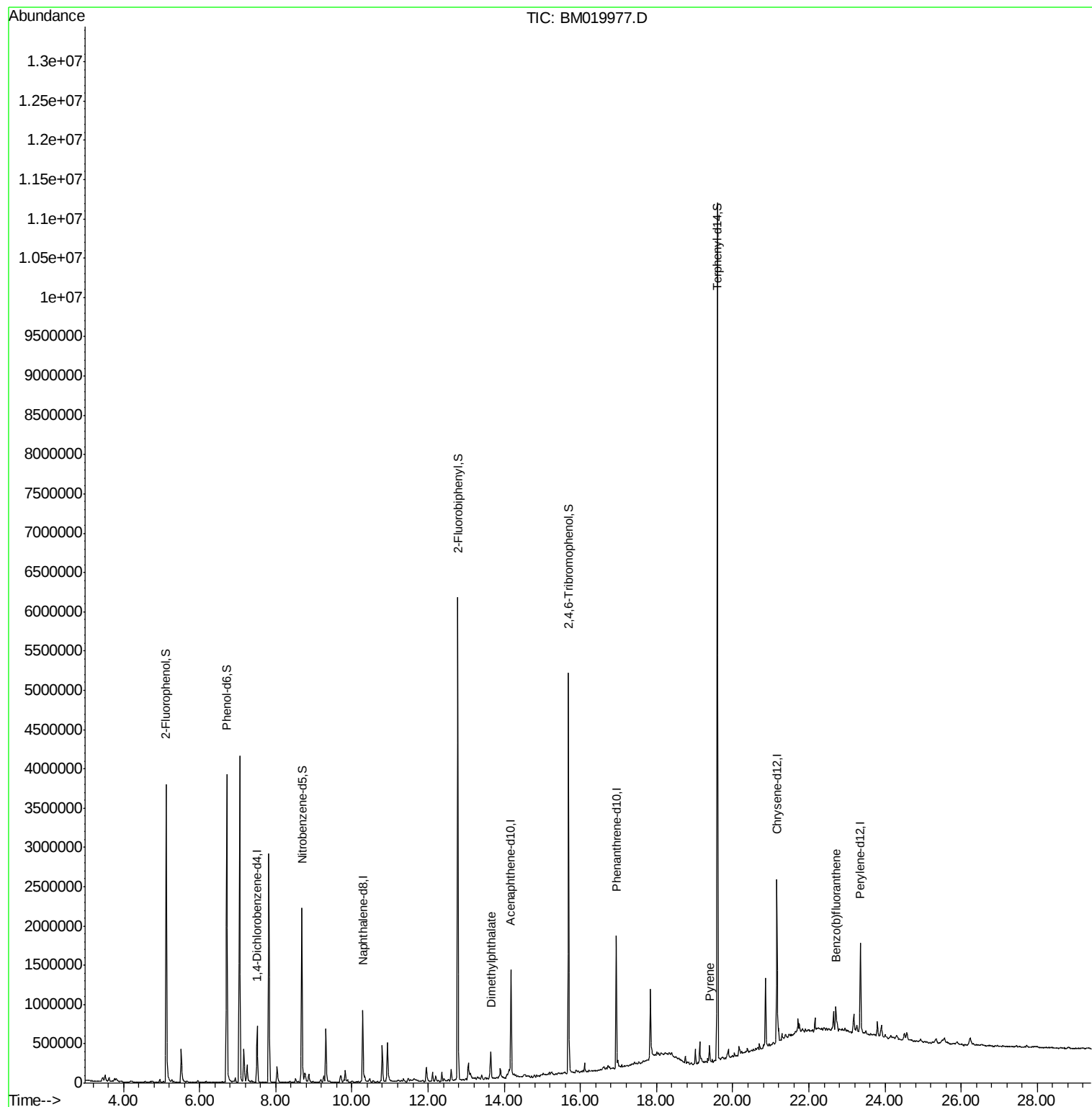
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	178750	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	720521	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	418371	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	899918	20.00	ng	0.00
76) Chrysene-d12	21.16	240	809009	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						
50) Dimethylphthalate	13.65	163	192639	5.220	ng	99
78) Pyrene	19.39	202	114140	2.130	ng	97
88) Benzo(b)fluoranthene	22.70	252	118139	2.336	ng	# 88

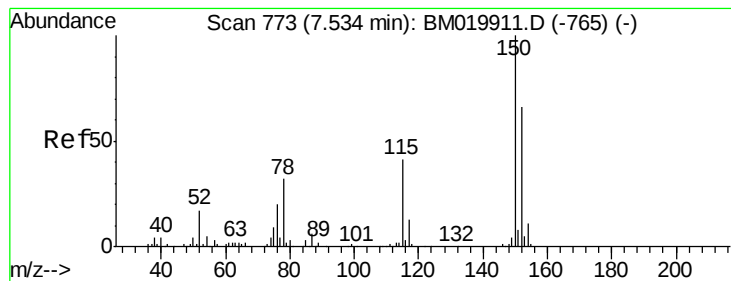
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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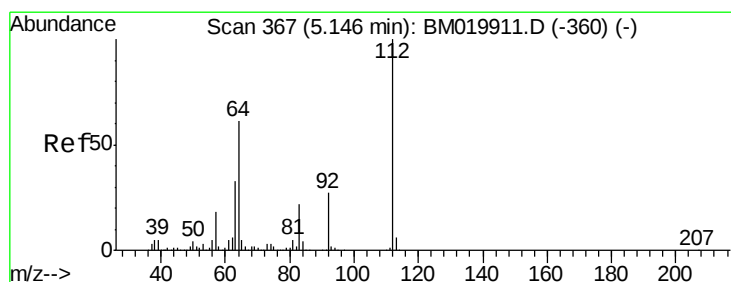
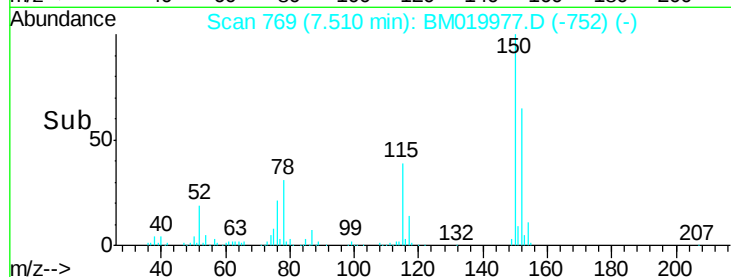
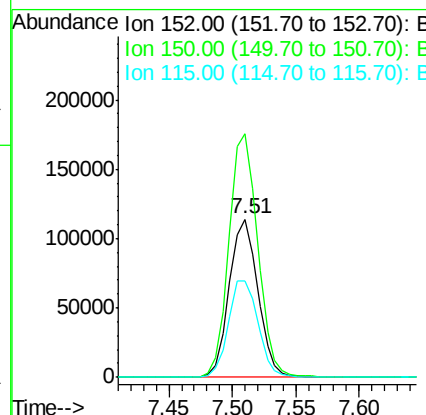
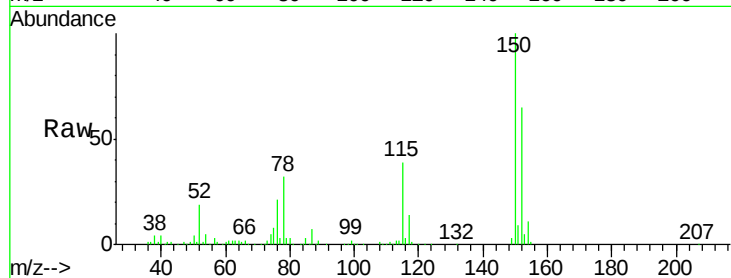


#1

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

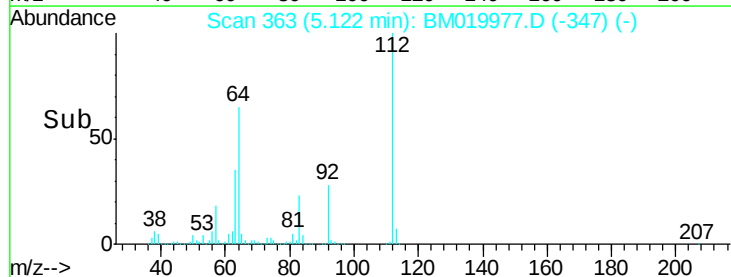
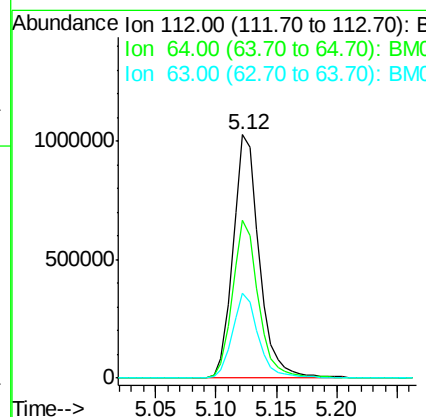
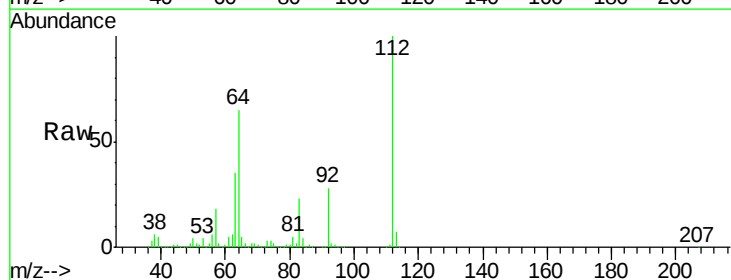
Tgt Ion:152 Resp: 178750
Ion Ratio Lower Upper
152 100
150 153.9 122.1 183.1
115 60.7 50.0 75.0

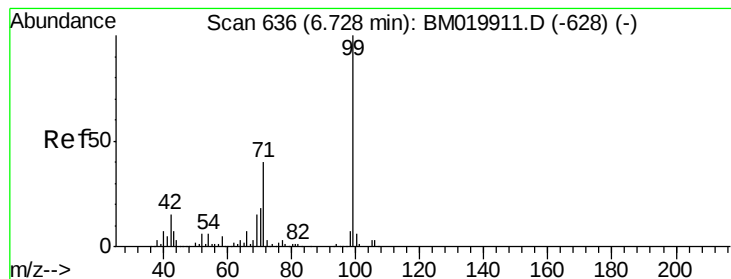


#5

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

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





#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

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-74-75

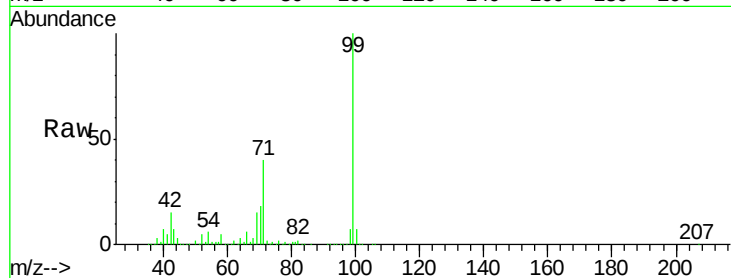
Tgt Ion: 99 Resp: 2190781

Ion Ratio Lower Upper

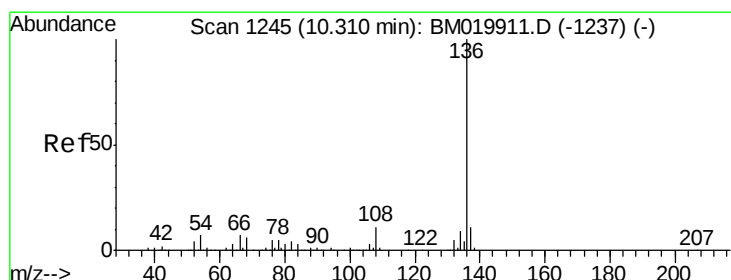
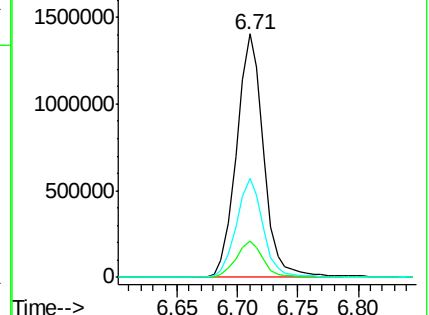
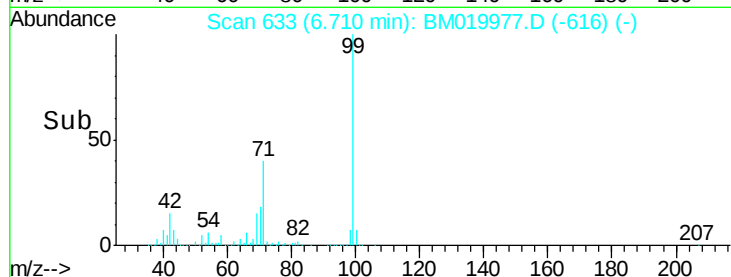
99 100

42 14.9 11.8 17.8

71 40.4 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019977.D (-616) (-)



#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

Tgt Ion: 136 Resp: 720521

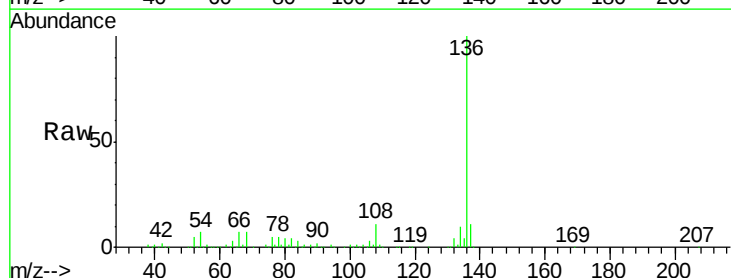
Ion Ratio Lower Upper

136 100

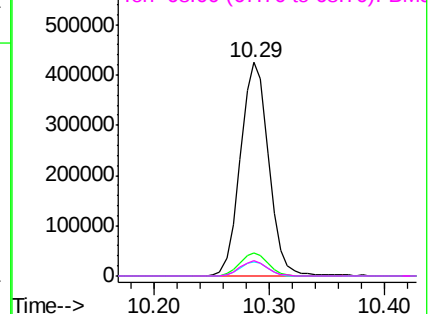
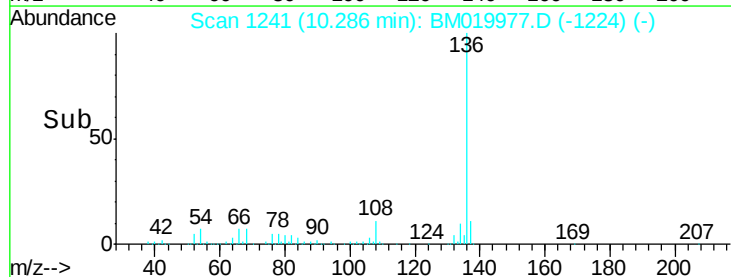
137 10.8 9.0 13.6

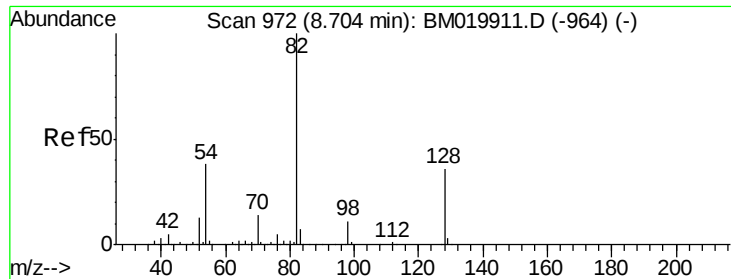
54 6.8 5.3 7.9

68 7.0 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM019977.D (-1224) (-)

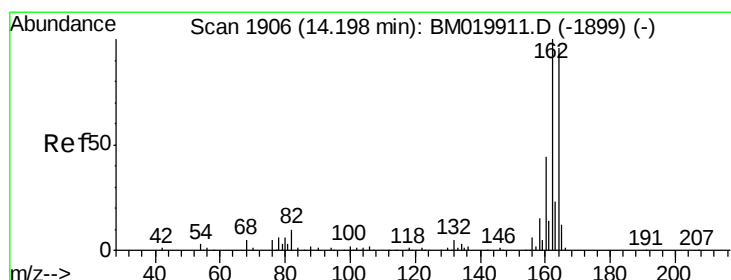
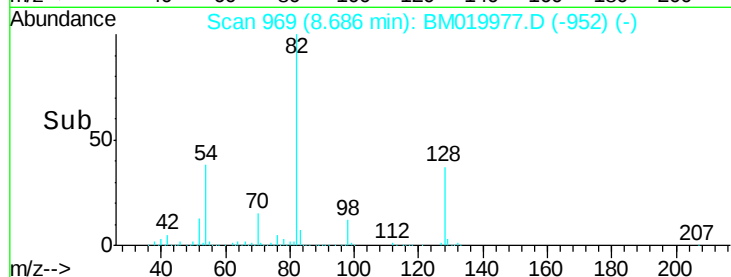
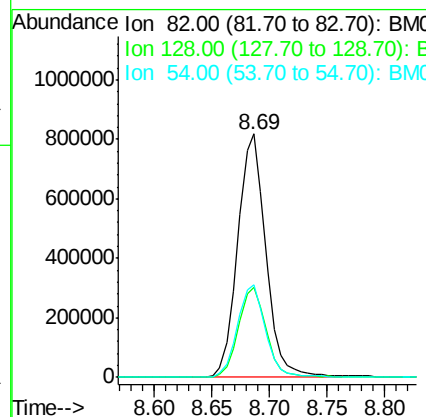
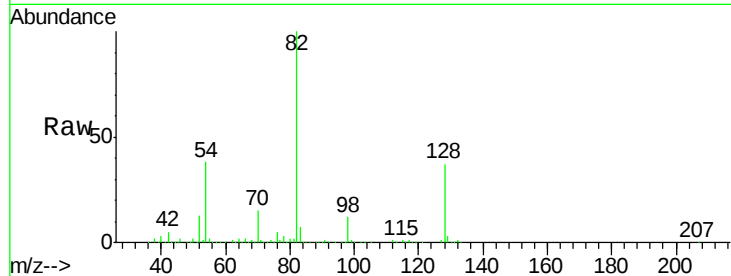




#23
 Nitrobenzene-d5
 Concen: 86.008 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

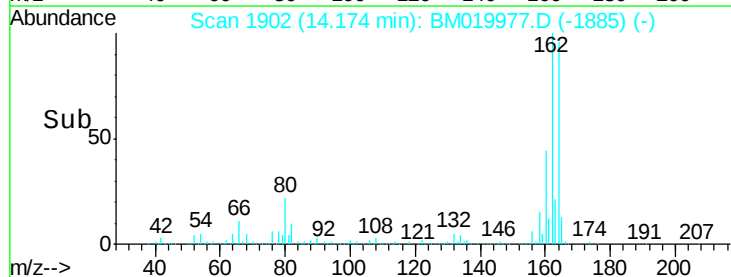
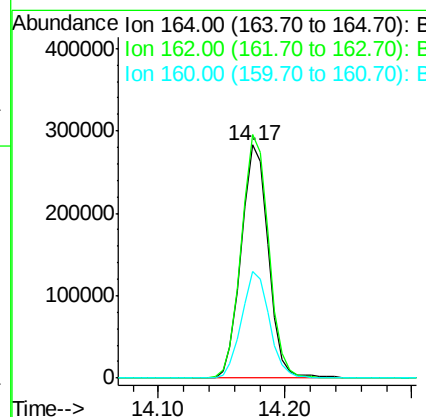
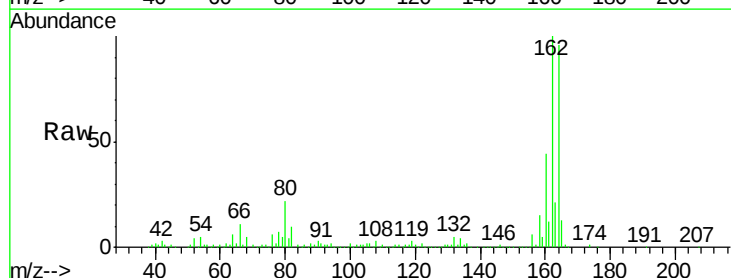
Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-74-75

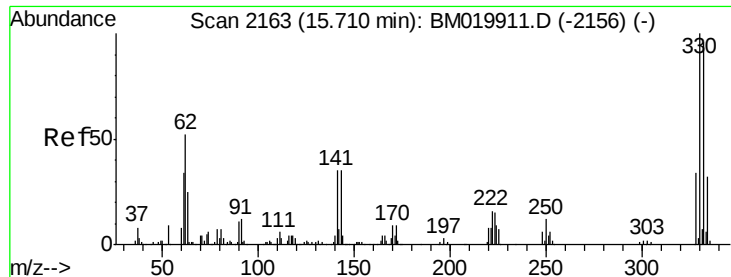
Tgt Ion: 82 Resp: 1385702
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.0 43.4
 54 37.8 30.2 45.4



#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

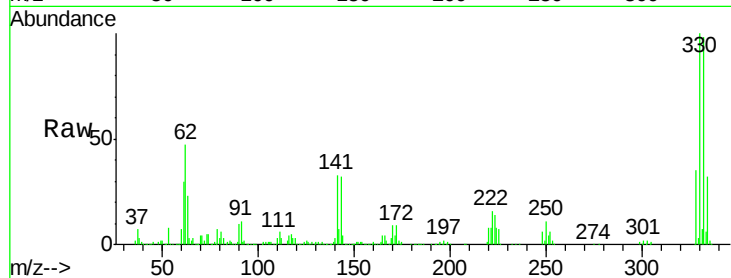




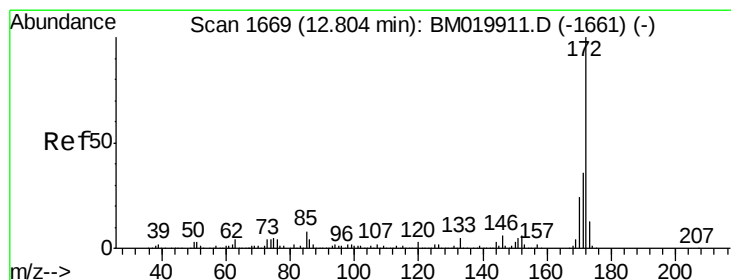
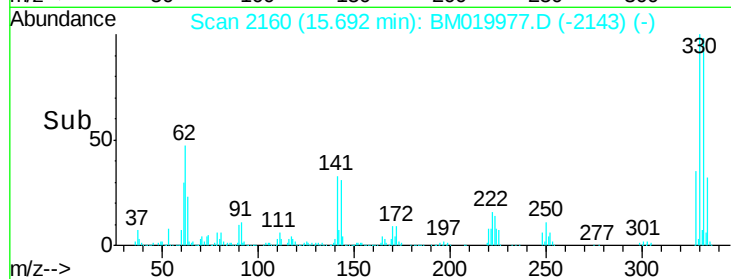
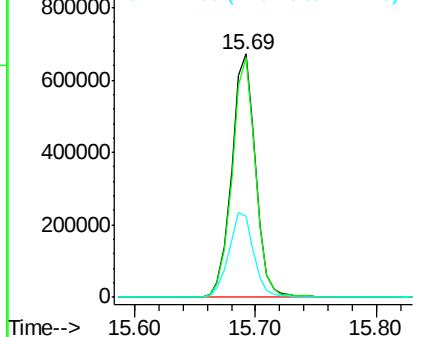
#42
 2,4,6-Tribromophenol
 Concen: 137.402 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

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

Tgt Ion:330 Resp: 925350
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 36.3 29.0 43.4

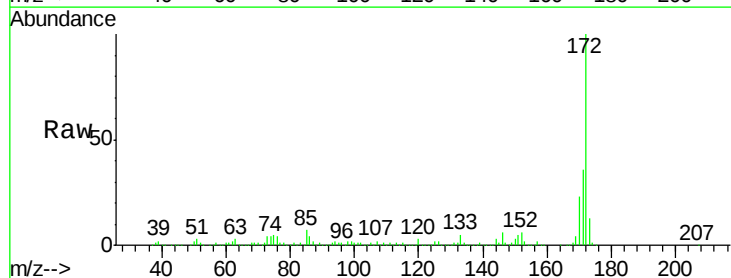


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

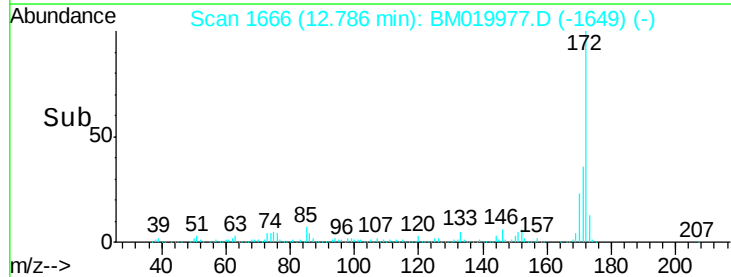
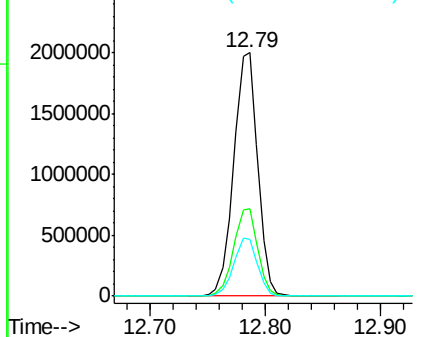


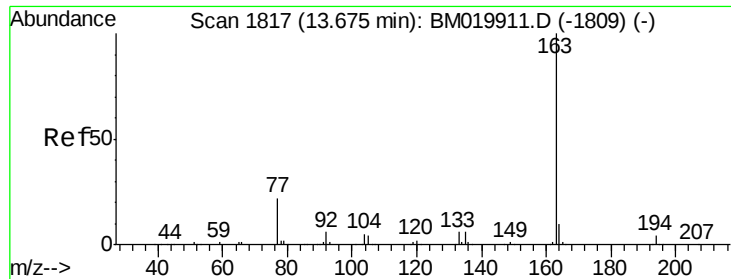
#45
 2-Fluorobiphenyl
 Concen: 85.888 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

Tgt Ion:172 Resp: 2883321
 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

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-74-75

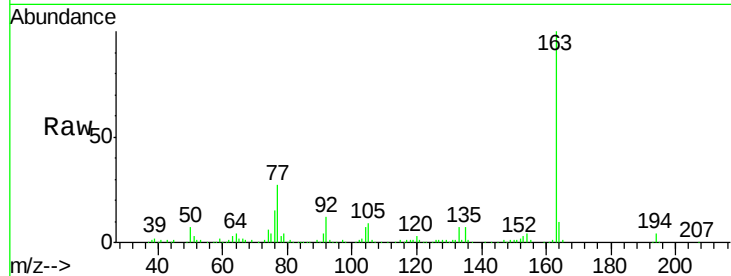
Tgt Ion:163 Resp: 192639

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

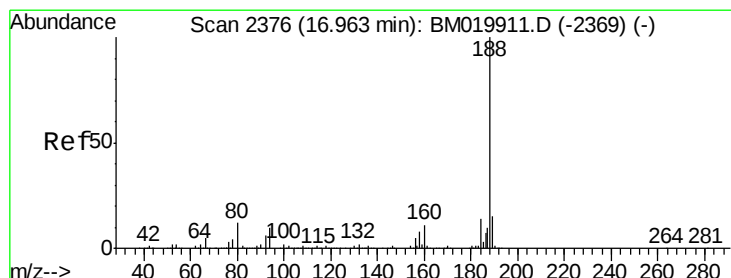
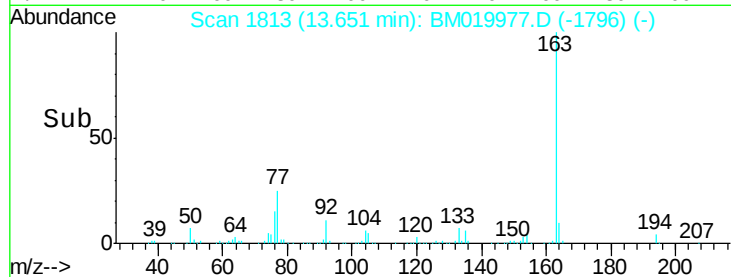
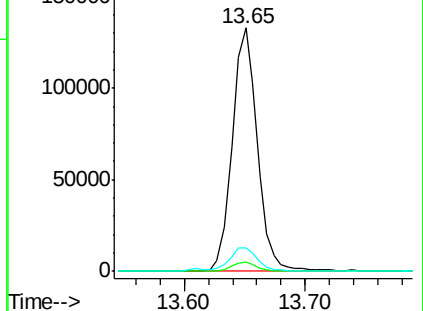
164 9.6 7.9 11.9



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: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM019977.D

Acq: 19 Apr 2019 16:21

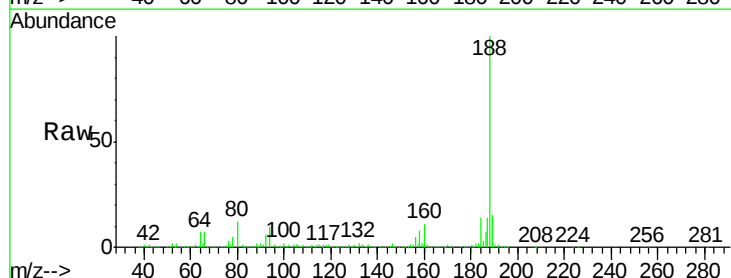
Tgt Ion:188 Resp: 899918

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

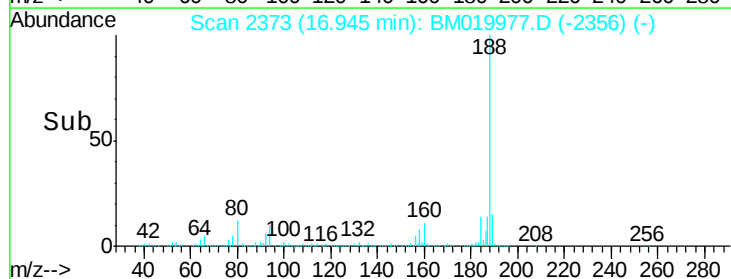
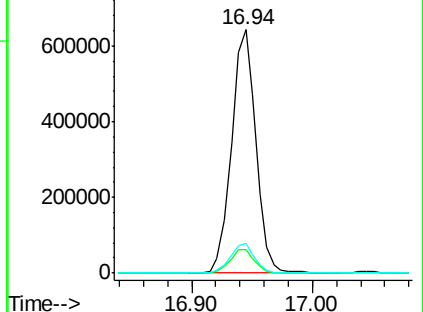
80 12.0 9.4 14.0

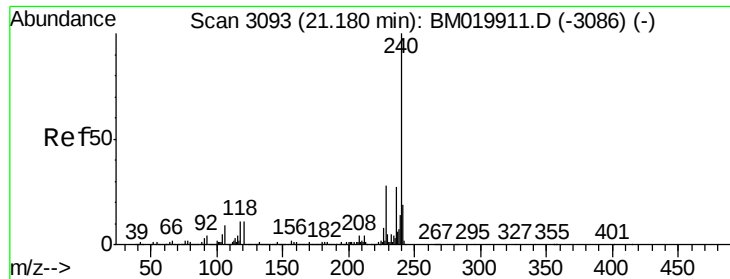


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

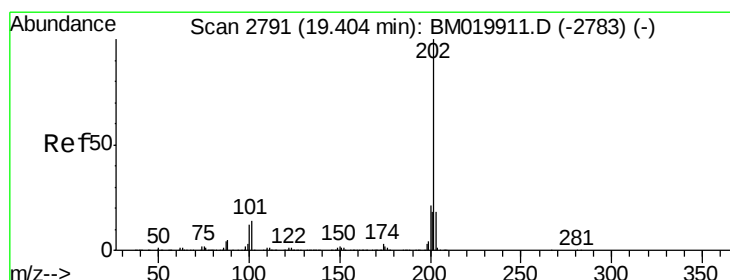
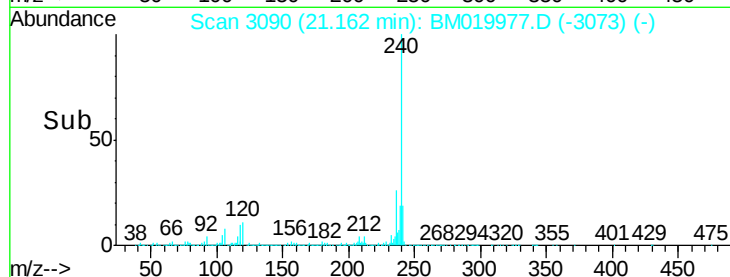
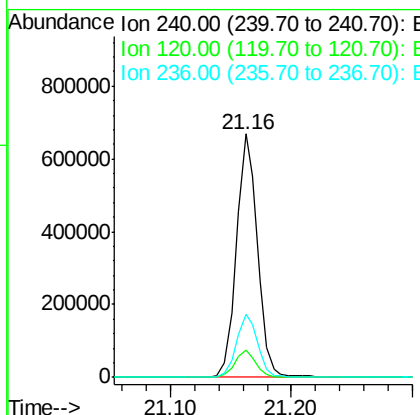
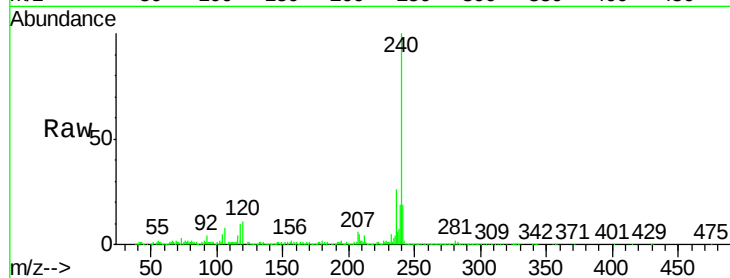




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019977.D
Acq: 19 Apr 2019 16:21

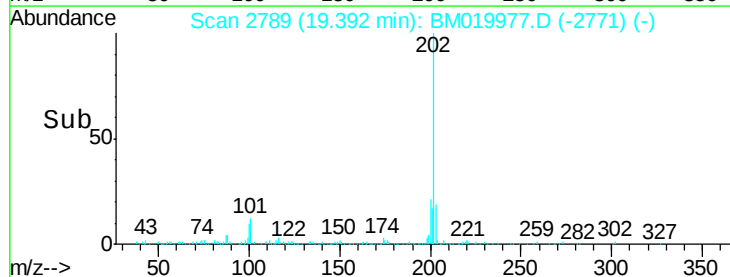
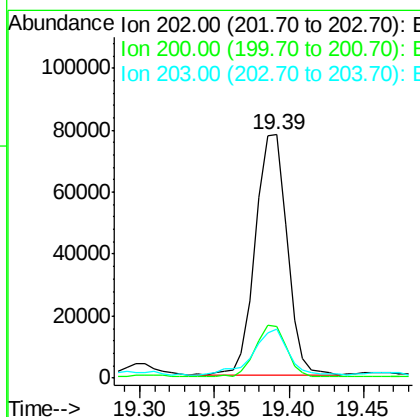
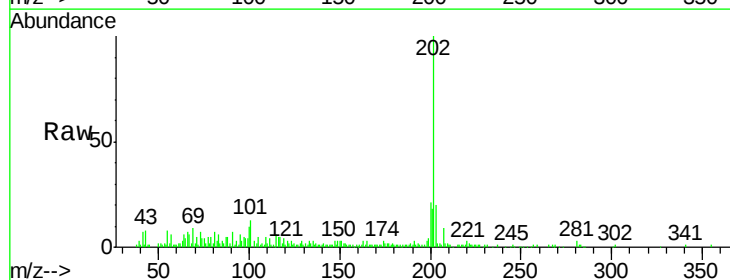
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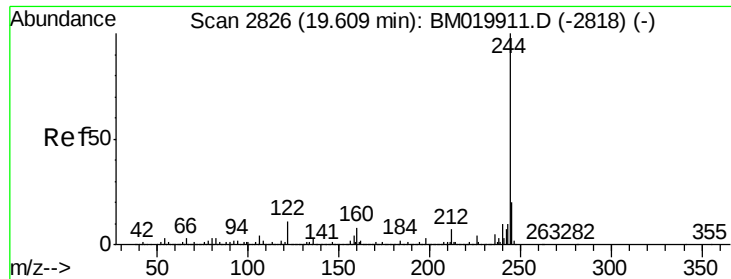
Tgt Ion:240 Resp: 809009
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 26.0 21.4 32.2



#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

Tgt Ion:202 Resp: 114140
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 20.1 14.0 21.0

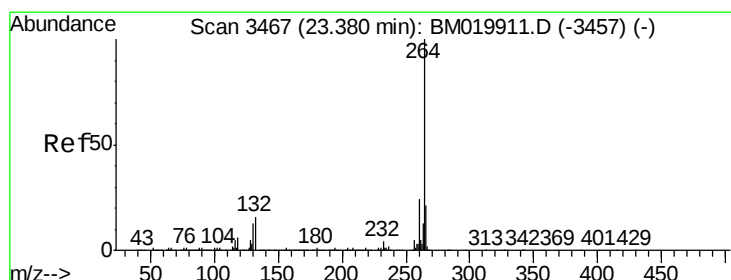
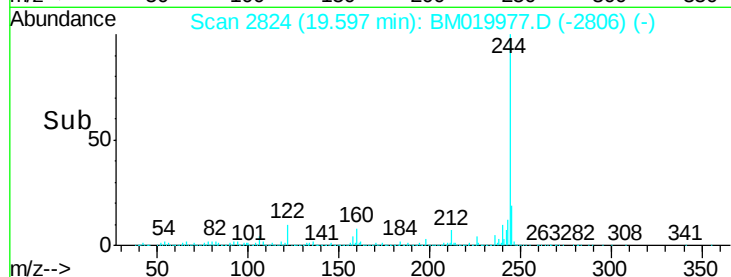
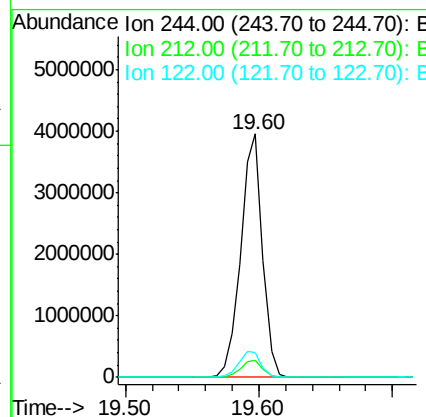
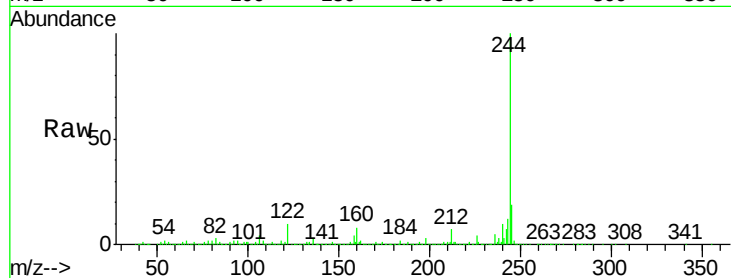




#79
 Terphenyl-d14
 Concen: 97.351 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. 0.01 min
 Lab File: BM019977.D
 Acq: 19 Apr 2019 16:21

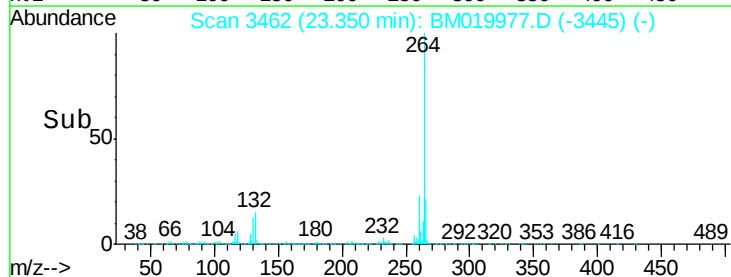
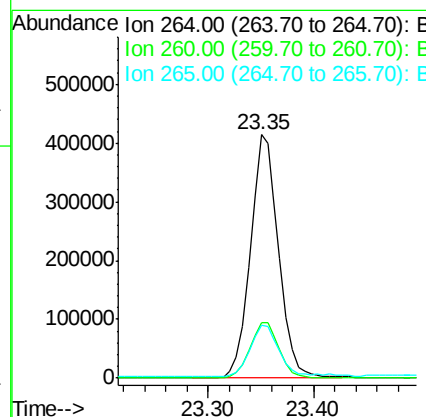
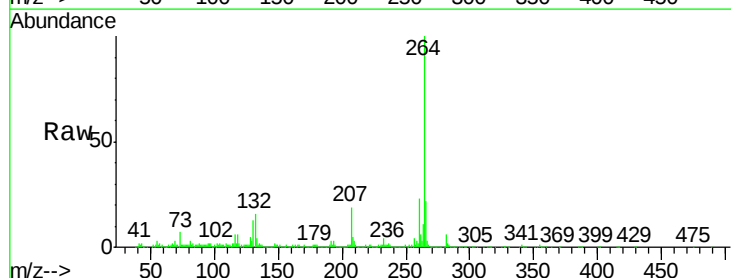
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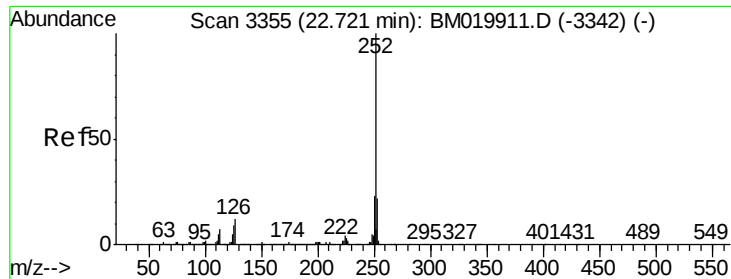
Tgt Ion:244 Resp: 4465193
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 9.1 13.7



#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

Tgt Ion:264 Resp: 761704
 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

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-74-75

Tgt Ion: 252 Resp: 118139

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

125 19.5 7.6 11.4#

