

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009977.D
 Acq On : 10 May 2017 19:47
 Operator : SJ/MA
 Sample : I3040-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-5-COMP

Quant Time: May 11 09:24:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	61283	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	253810	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	148851	20.00	ng	-0.01
63) Phenanthrene-d10	17.18	188	377701	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	502840	20.00	ng	-0.02
86) Perylene-d12	23.67	264	433666	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	585656	152.14	ng	0.00
7) Phenol-d6	6.96	99	817386	138.53	ng	-0.01
23) Nitrobenzene-d5	8.95	82	700432	99.87	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	308806	151.90	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1096979	96.02	ng	-0.01
78) Terphenyl-d14	19.80	244	2193842	89.50	ng	-0.01

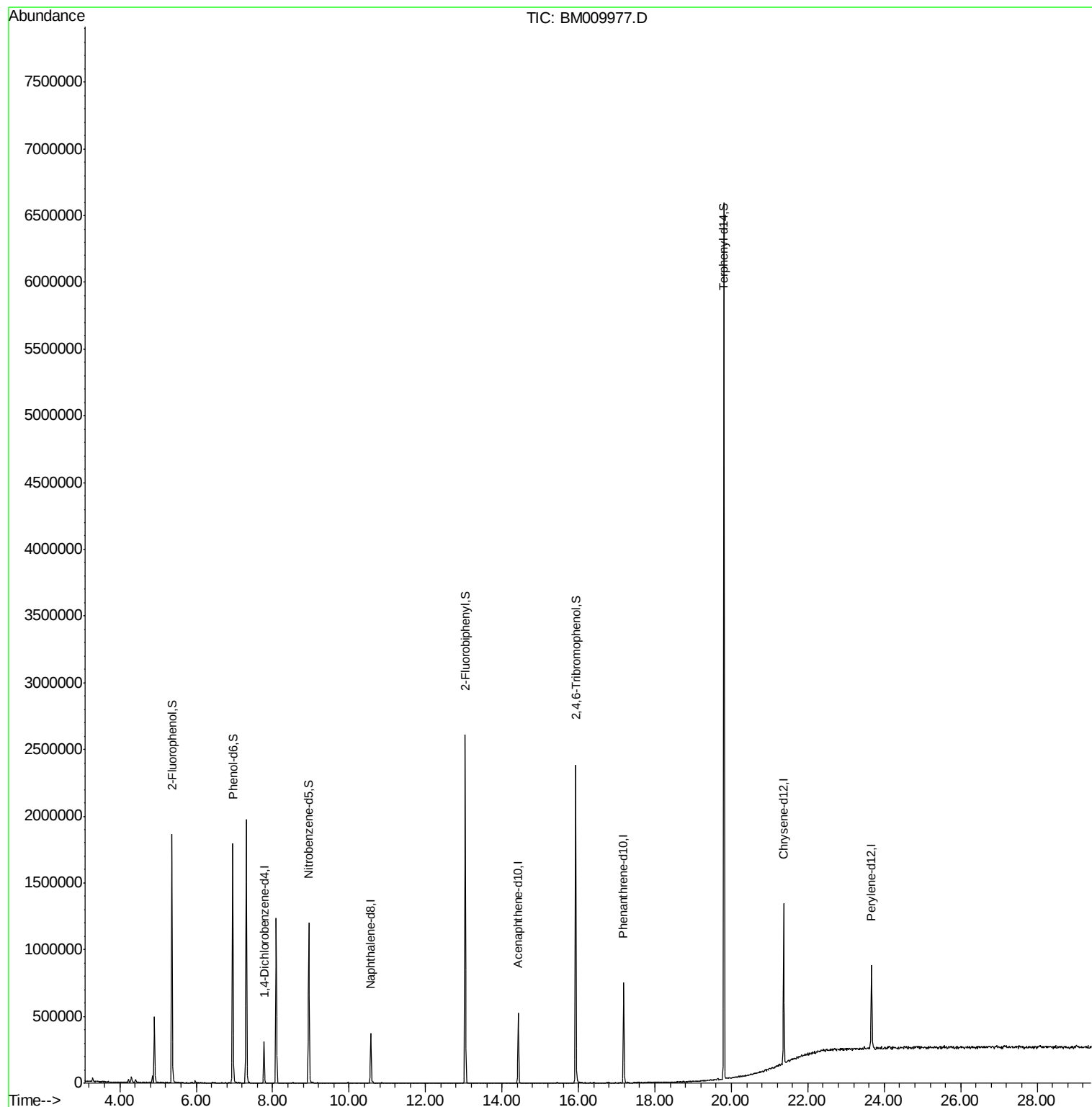
Target Compounds Qvalue

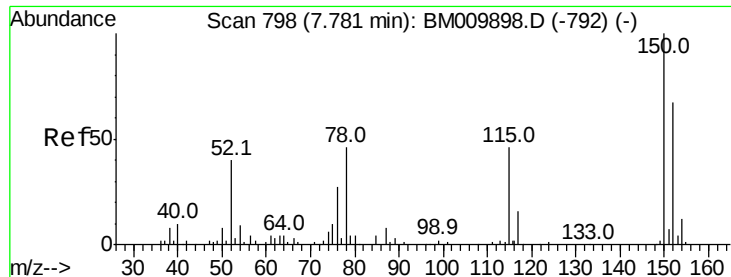
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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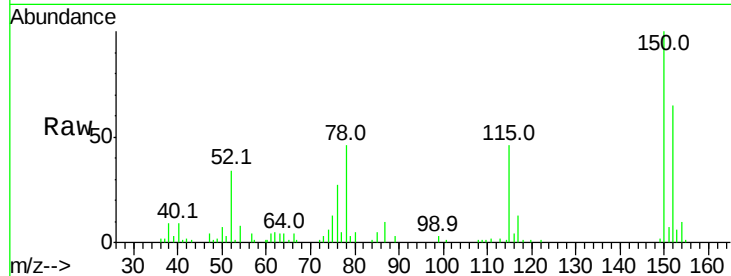


#1

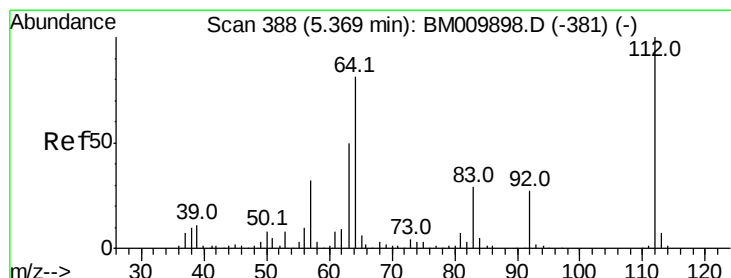
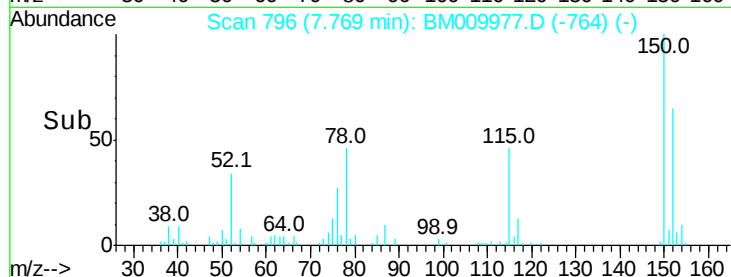
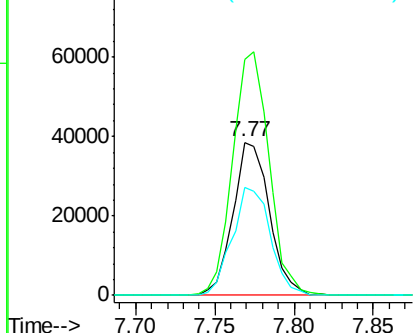
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009977.D
Acq: 10 May 2017 19:47

Instrument :
BNA_M
ClientSampleId :
TP-4-5-COMP

Tot Ion:152 Resp: 61283
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 70.9 43.0 64.4#



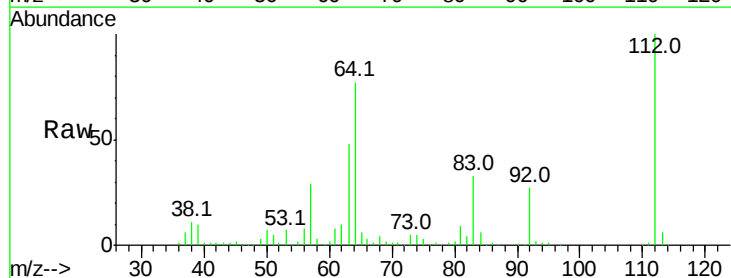
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



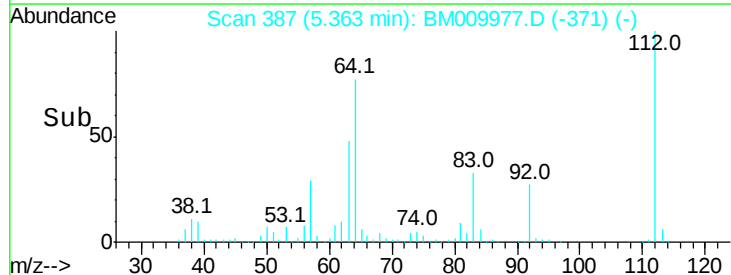
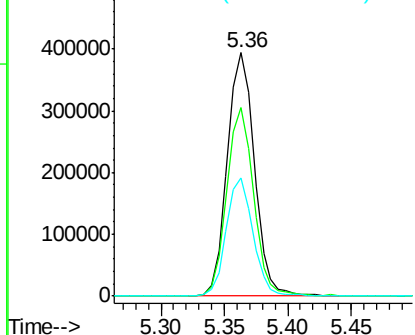
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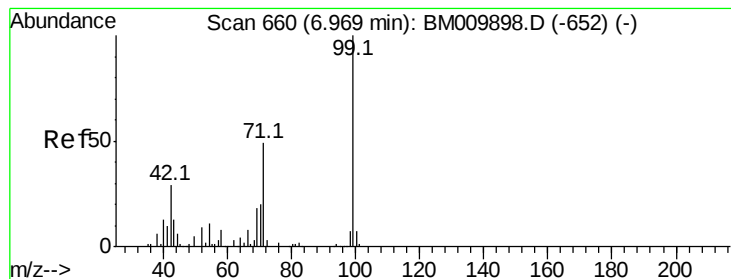
2-Fluorophenol
Concen: 152.14 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009977.D
Acq: 10 May 2017 19:47

Tgt Ion:112 Resp: 585656
Ion Ratio Lower Upper
112 100
64 77.4 38.6 57.8#
63 48.4 19.3 28.9#



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: 138.53 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009977.D

Acq: 10 May 2017 19:47

Instrument :

BNA_M

ClientSampleId :

TP-4-5-COMP

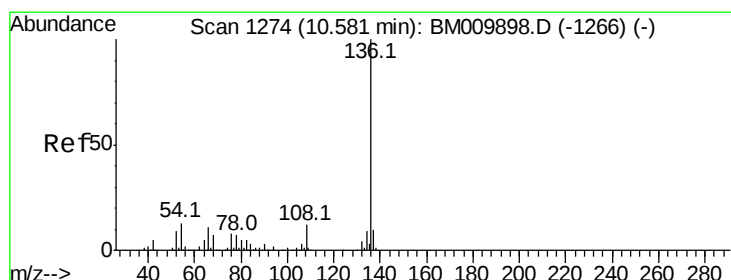
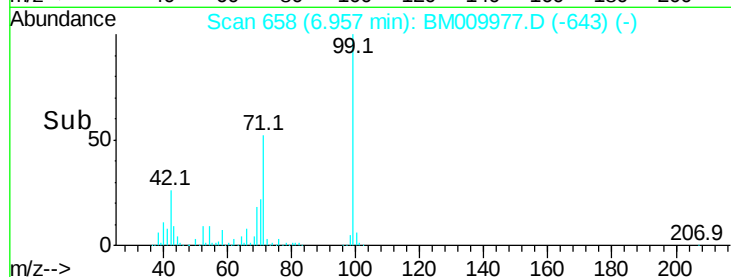
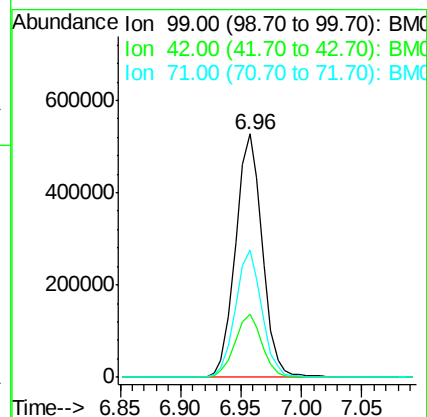
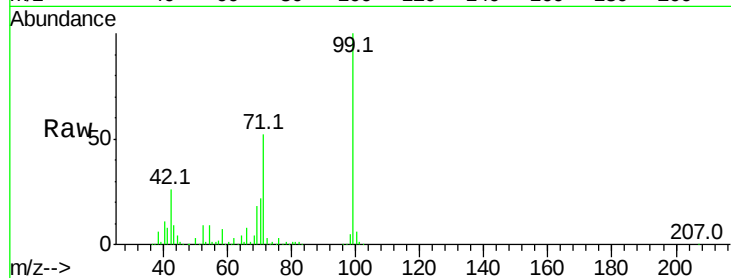
Tot Ion: 99 Resp: 817386

Ion Ratio Lower Upper

99 100

42 25.7 11.0 16.4#

71 52.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009977.D

Acq: 10 May 2017 19:47

Tgt Ion: 136 Resp: 253810

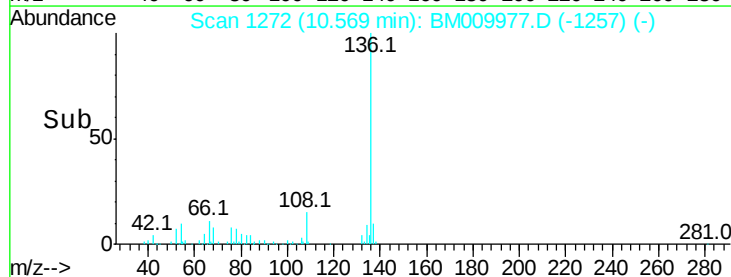
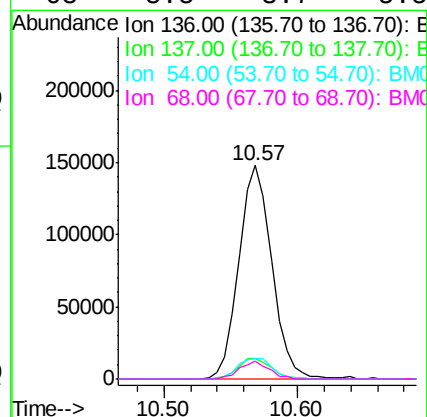
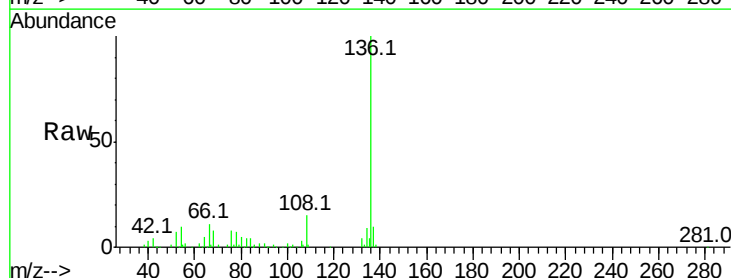
Ion Ratio Lower Upper

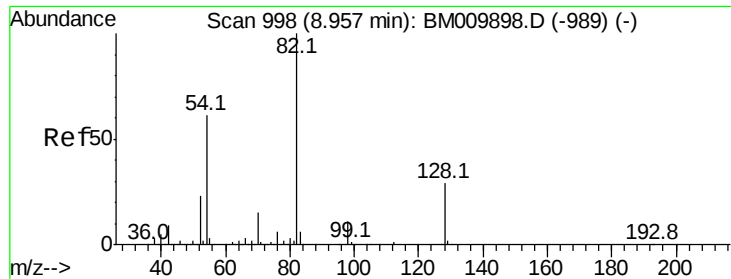
136 100

137 9.5 8.7 13.1

54 9.6 4.6 6.8#

68 8.5 3.7 5.5#

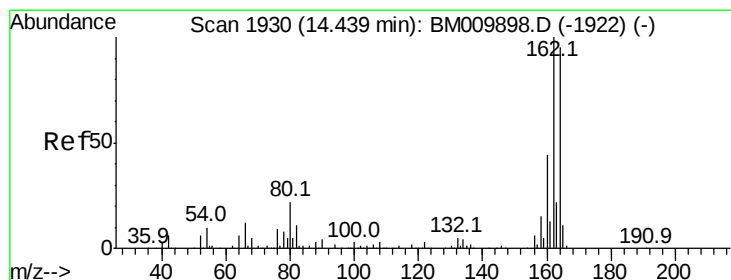
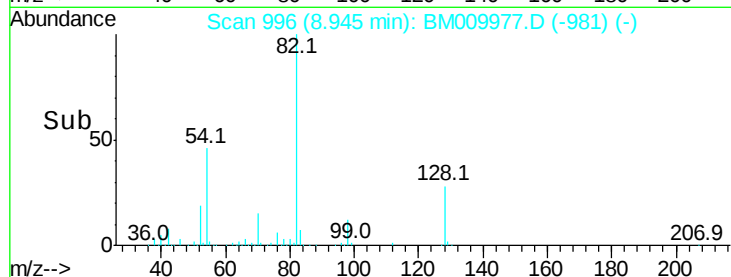
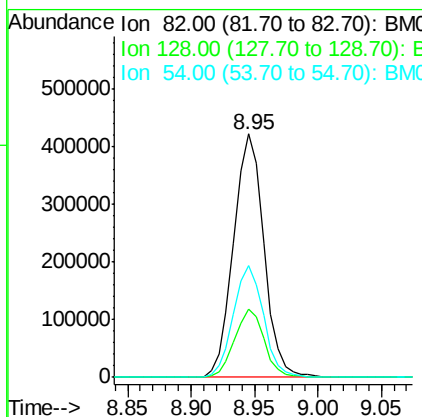
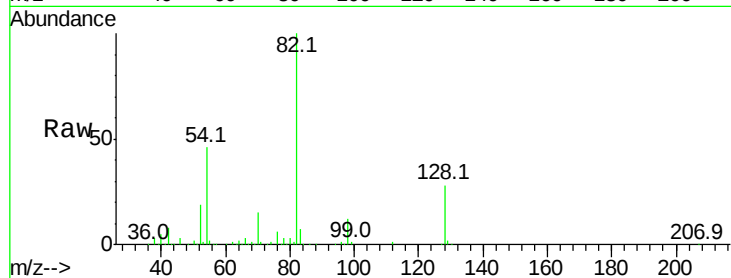




#23
Nitrobenzene-d5
Concen: 99.87 ng
RT: 8.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM009977.D
Acq: 10 May 2017 19:47

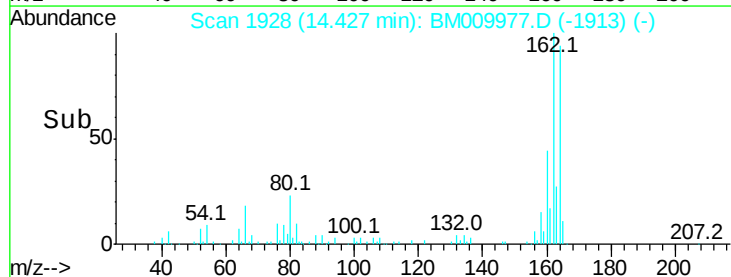
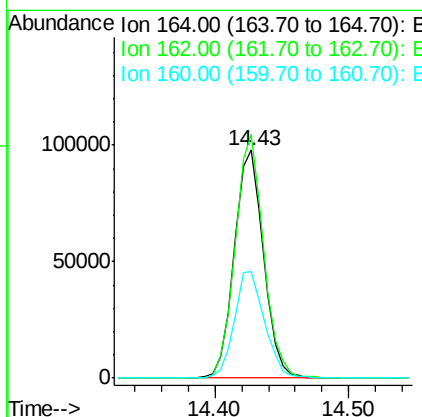
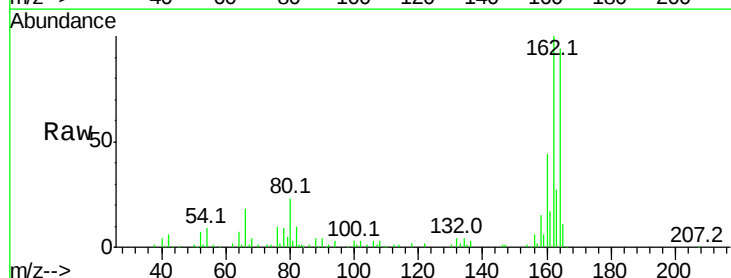
Instrument :
BNA_M
ClientSampled :
TP-4-5-COMP

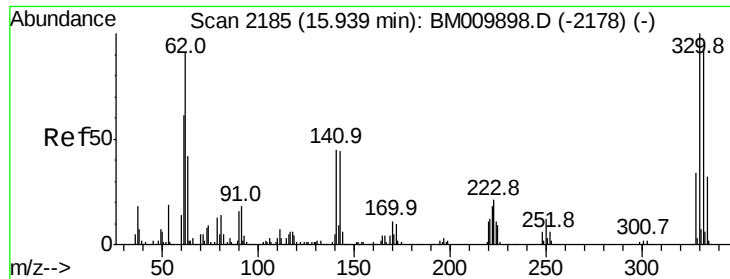
Tot Ion: 82 Resp: 700432
Ion Ratio Lower Upper
82 100
128 28.0 32.8 49.2#
54 46.1 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM009977.D
Acq: 10 May 2017 19:47

Tgt Ion: 164 Resp: 148851
Ion Ratio Lower Upper
164 100
162 106.9 82.4 123.6
160 46.7 35.8 53.6

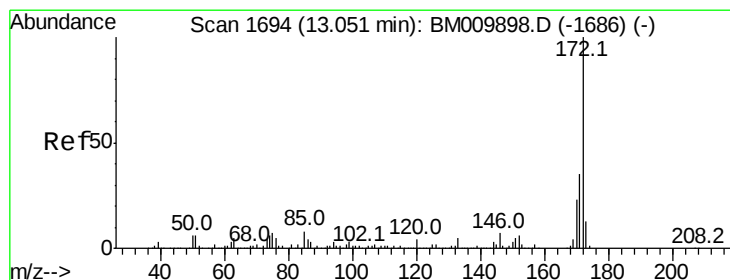
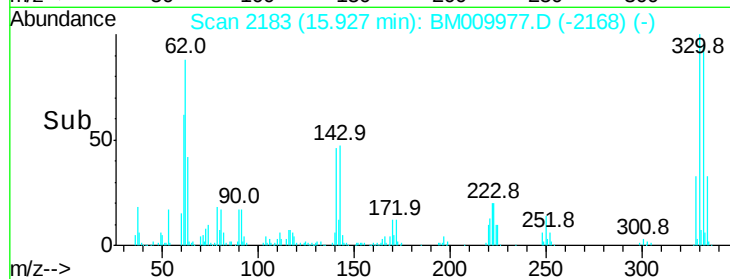
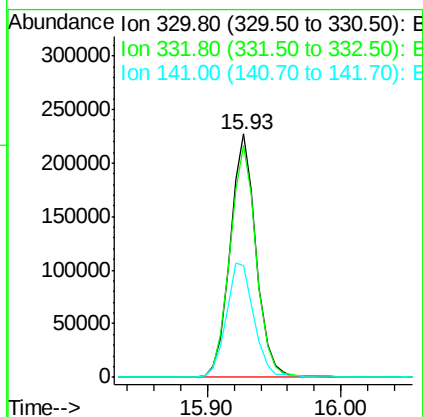
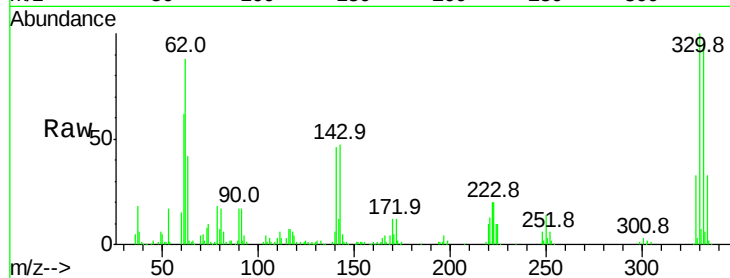




#41
 2,4,6-Tribromophenol
 Concen: 151.90 ng
 RT: 15.93 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM009977.D
 Acq: 10 May 2017 19:47

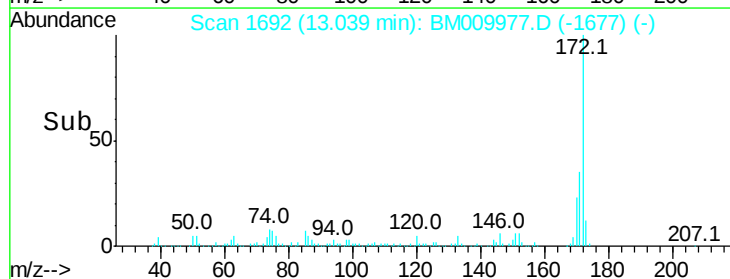
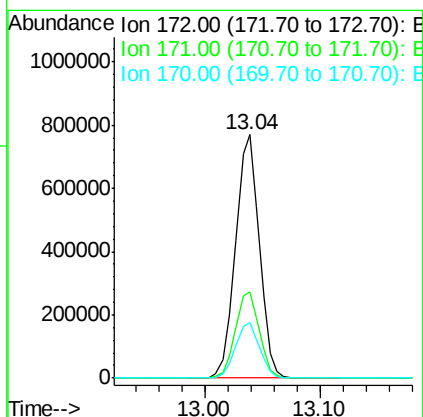
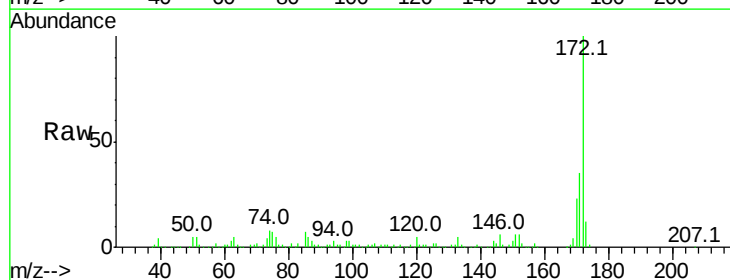
Instrument :
 BNA_M
 ClientSampleId :
 TP-4-5-COMP

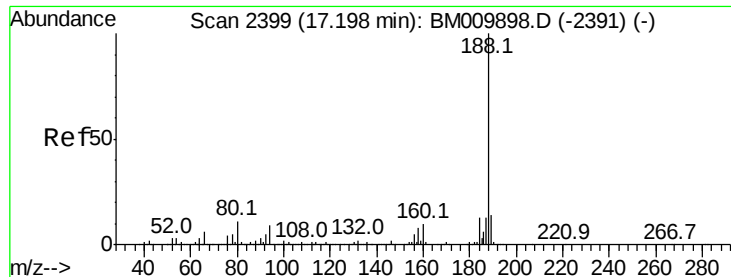
Tot Ion:330 Resp: 308806
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 50.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.02 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009977.D
 Acq: 10 May 2017 19:47

Tgt Ion:172 Resp: 1096979
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 22.9 18.8 28.2

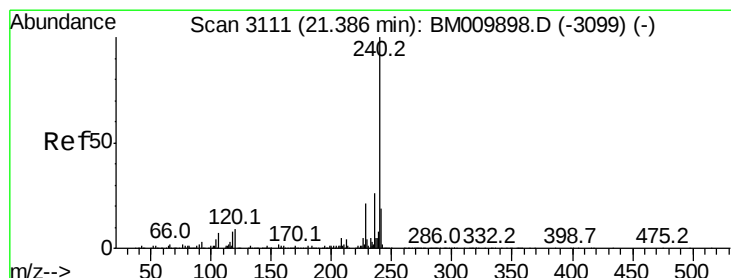
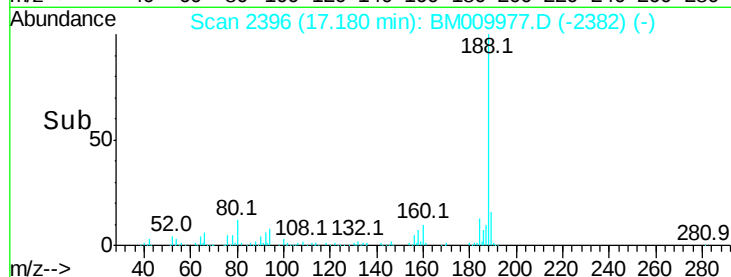
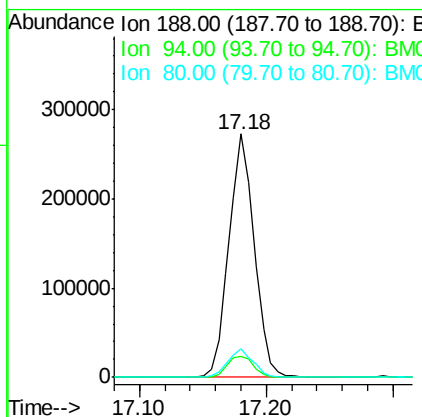
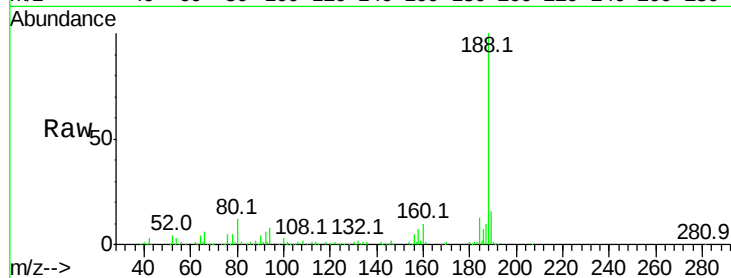




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009977.D
Acq: 10 May 2017 19:47

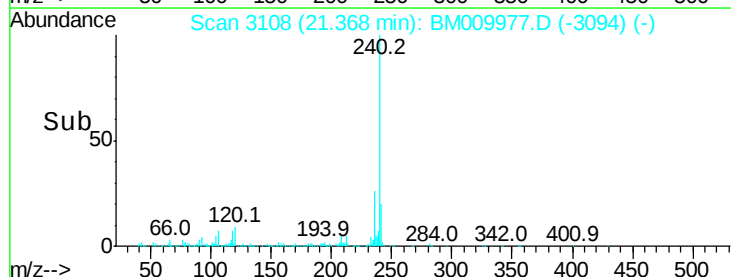
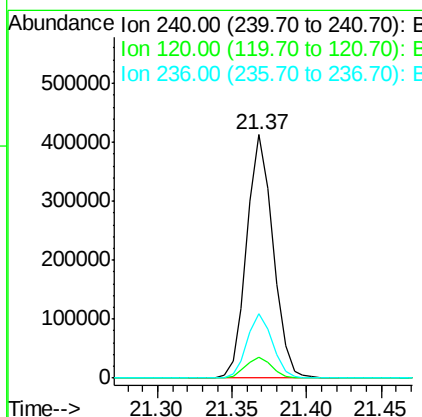
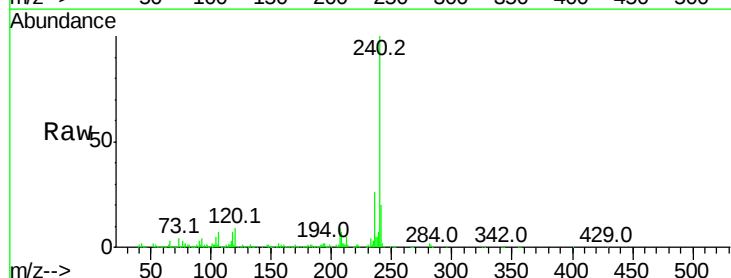
Instrument :
BNA_M
ClientSampleId :
TP-4-5-COMP

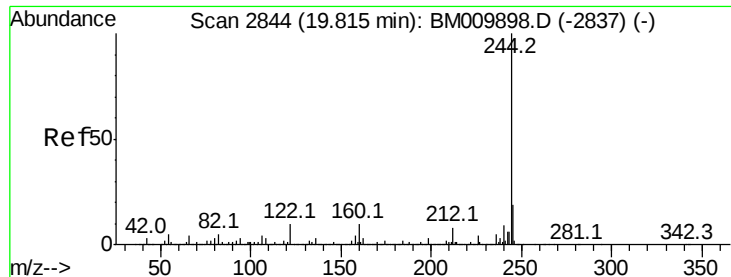
Tot Ion:188 Resp: 377701
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 11.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009977.D
Acq: 10 May 2017 19:47

Tgt Ion:240 Resp: 502840
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 26.4 20.0 30.0





#78

Terphenyl-d14

Concen: 89.50 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009977.D

Acq: 10 May 2017 19:47

Instrument :

BNA_M

ClientSampleId :

TP-4-5-COMP

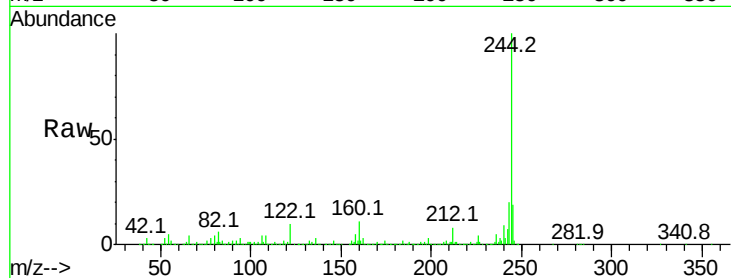
Tot Ion:244 Resp: 2193842

Ion Ratio Lower Upper

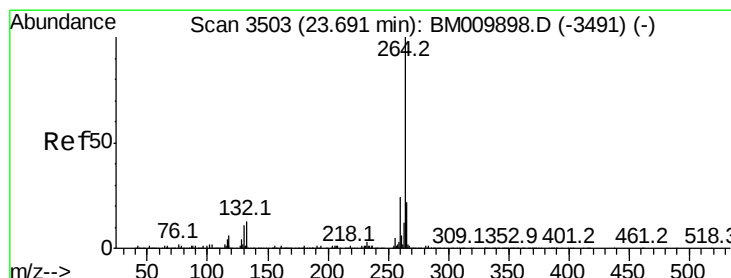
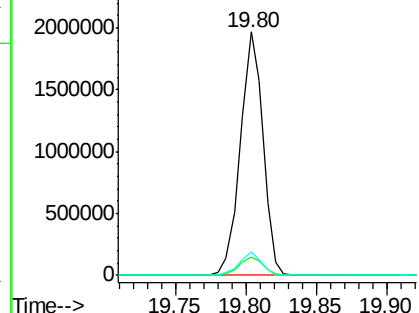
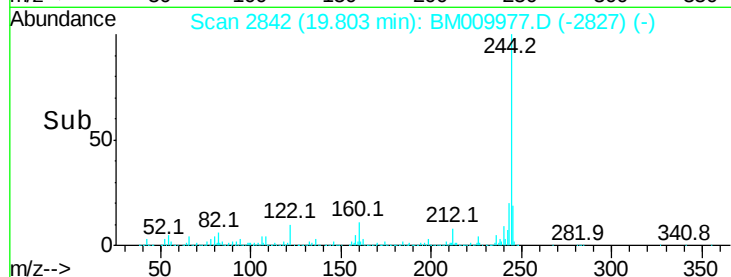
244 100

212 7.7 4.9 7.3#

122 9.7 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM009977.D

Acq: 10 May 2017 19:47

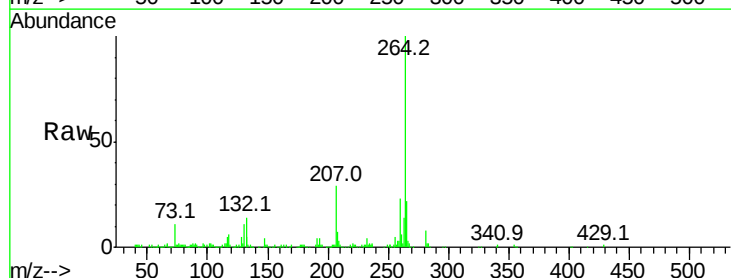
Tgt Ion:264 Resp: 433666

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.1 17.3 25.9



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

