

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
 Data File : BM010896.D
 Acq On : 19 Jul 2017 16:49
 Operator : SJ/JU
 Sample : I4234-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 01:09:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	212646	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	790967	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	488533	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1145009	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1114808	20.00	ng	0.00
86) Perylene-d12	23.19	264	1016797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1753435	136.59	ng	0.00
7) Phenol-d6	6.64	99	2157338	121.90	ng	0.00
23) Nitrobenzene-d5	8.59	82	1984837	96.45	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1091965	146.26	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3867583	98.49	ng	0.00
78) Terphenyl-d14	19.51	244	5225675	90.66	ng	0.00

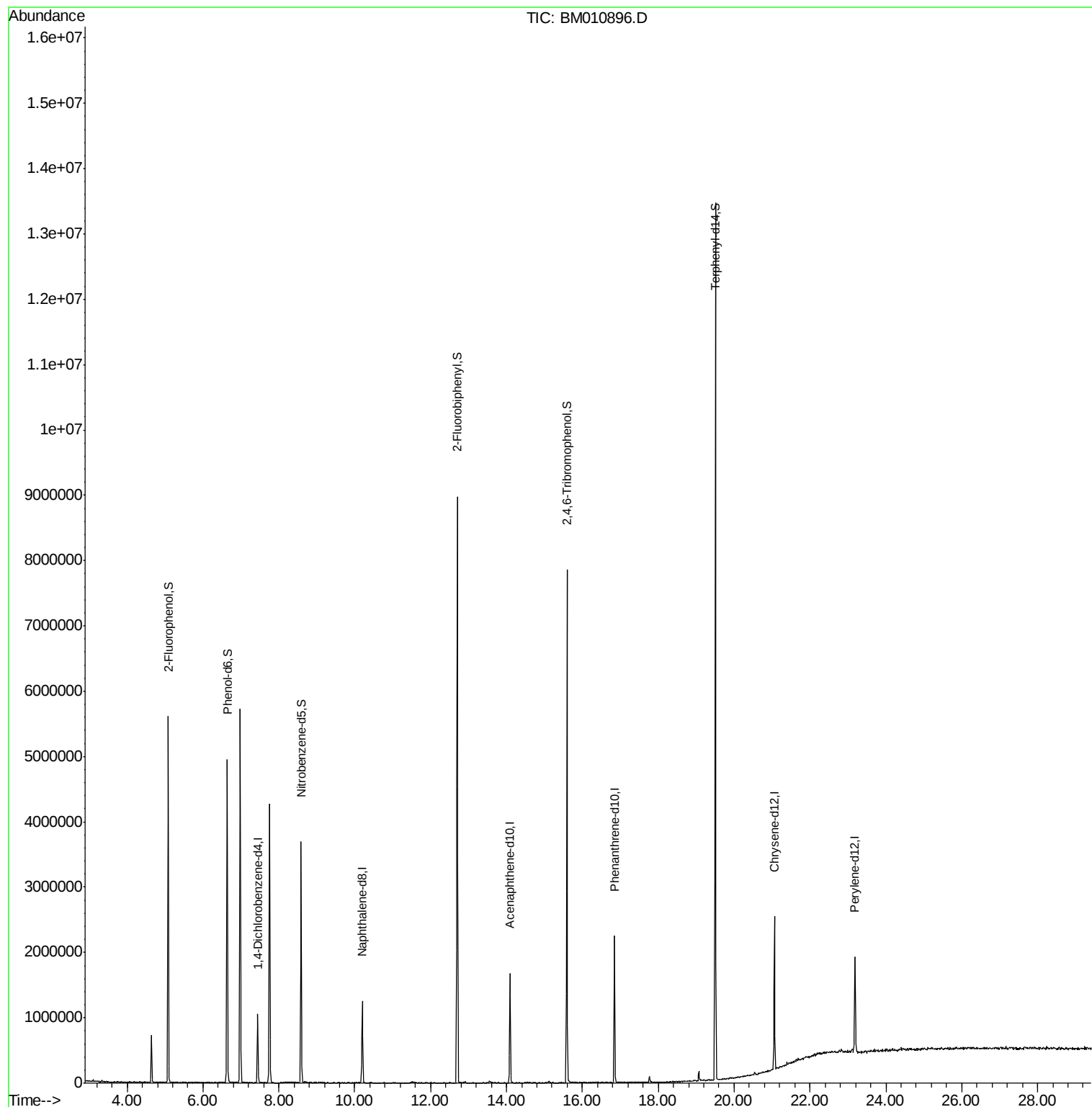
Target Compounds Qvalue

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

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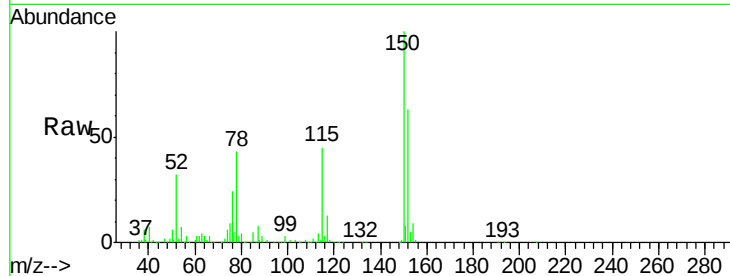


#1

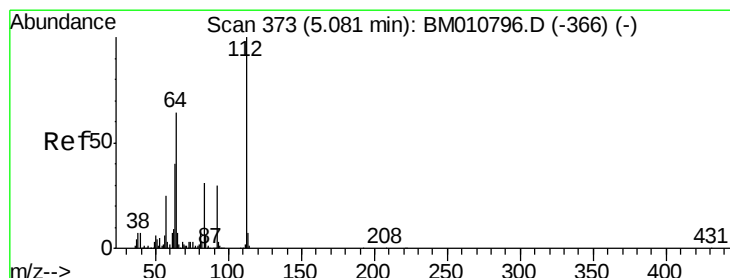
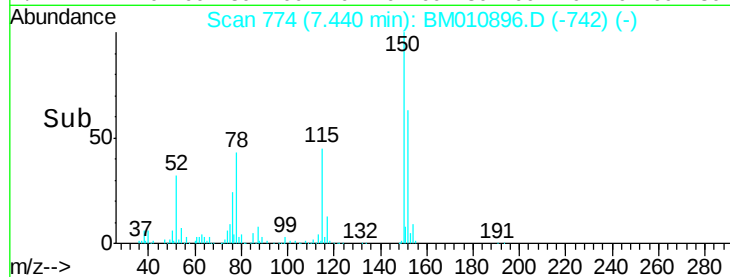
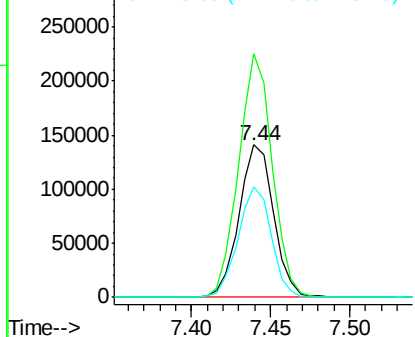
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010896.D
Acq: 19 Jul 2017 16:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 212646
Ion Ratio Lower Upper
152 100
150 160.0 119.5 179.3
115 72.6 43.0 64.4#



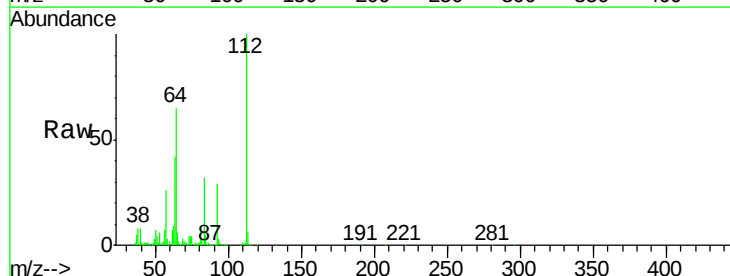
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



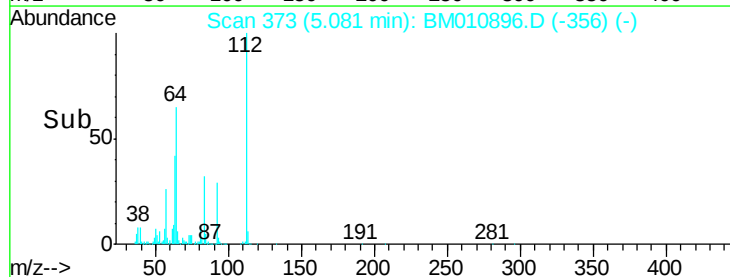
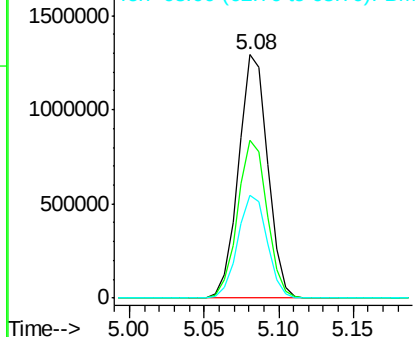
#5

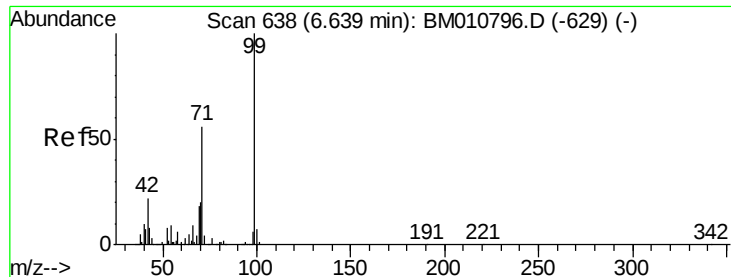
2-Fluorophenol
Concen: 136.59 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010896.D
Acq: 19 Jul 2017 16:49

Tgt Ion:112 Resp: 1753435
Ion Ratio Lower Upper
112 100
64 65.0 38.6 57.8#
63 42.4 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: 121.90 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010896.D

Acq: 19 Jul 2017 16:49

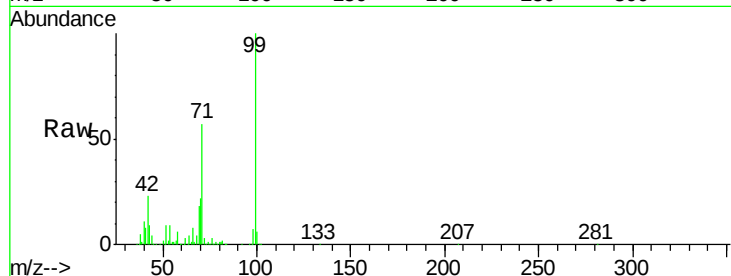
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2157338

Ion	Ratio	Lower	Upper
99	100		
42	22.8	11.0	16.4#
71	57.1	23.4	35.2#

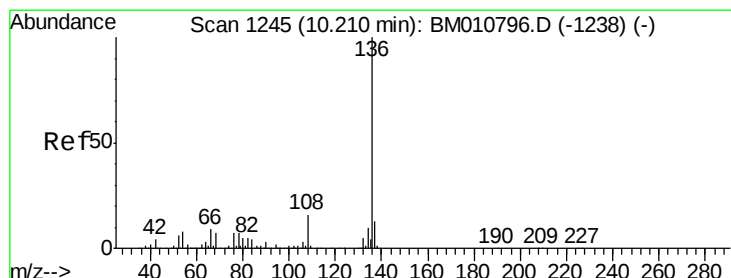
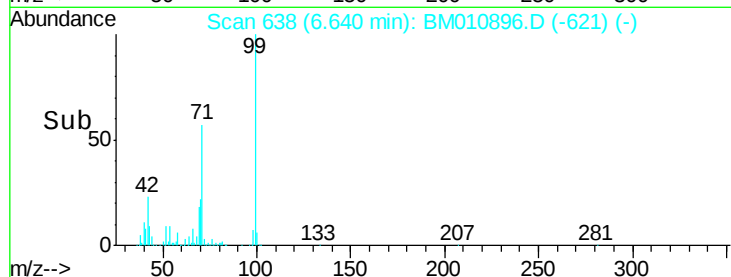
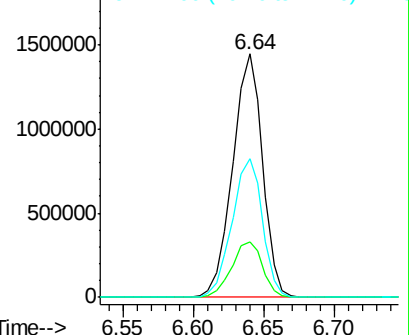


Abundance

Ion 99.00 (98.70 to 99.70): BM010896.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010896.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010896.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

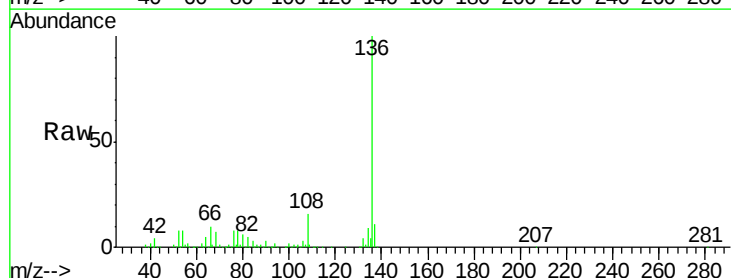
Delta R.T. -0.01 min

Lab File: BM010896.D

Acq: 19 Jul 2017 16:49

Tgt Ion: 136 Resp: 790967

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	4.6	6.8#
68	7.0	3.7	5.5#



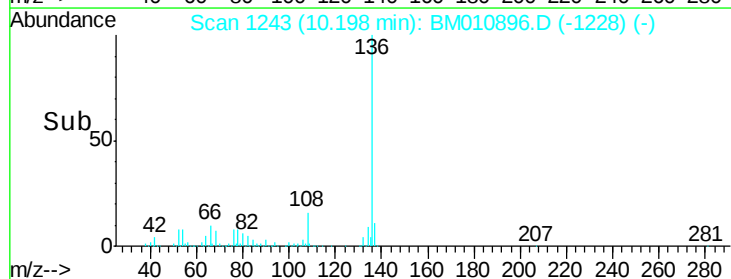
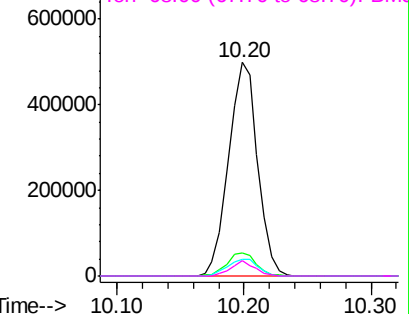
Abundance

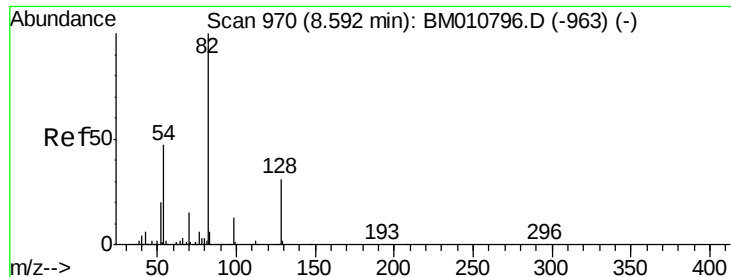
Ion 136.00 (135.70 to 136.70): BM010896.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010896.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010896.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010896.D (-1228) (-)

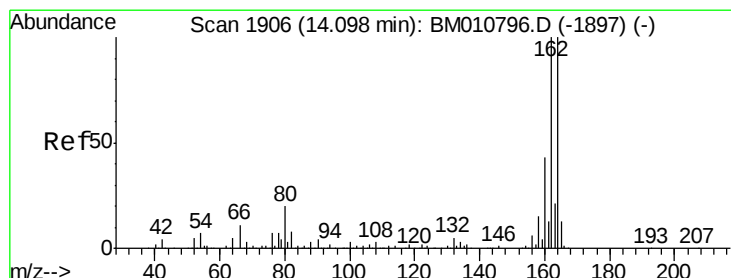
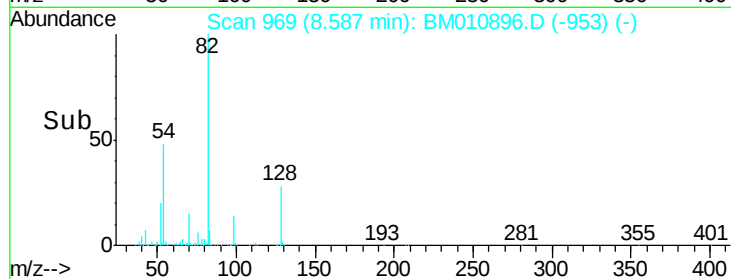
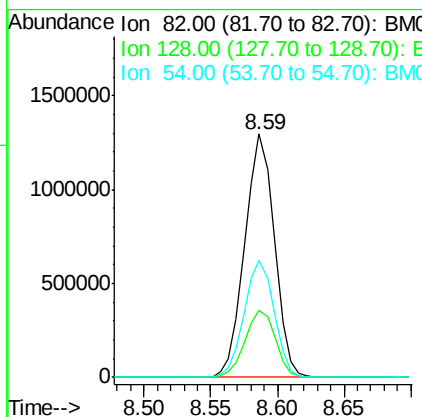
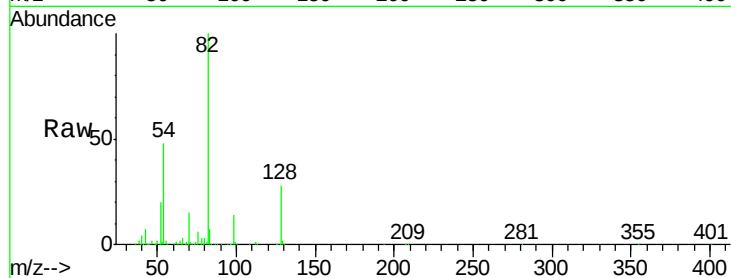




#23
 Nitrobenzene-d5
 Concen: 96.45 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010896.D
 Acq: 19 Jul 2017 16:49

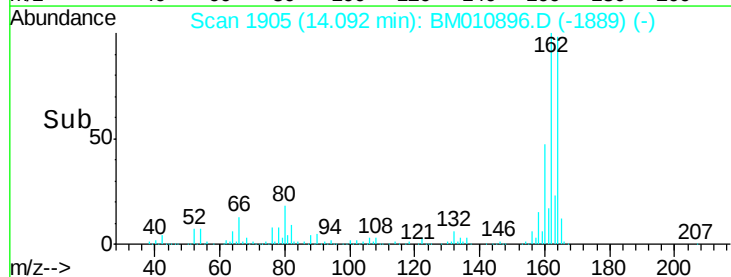
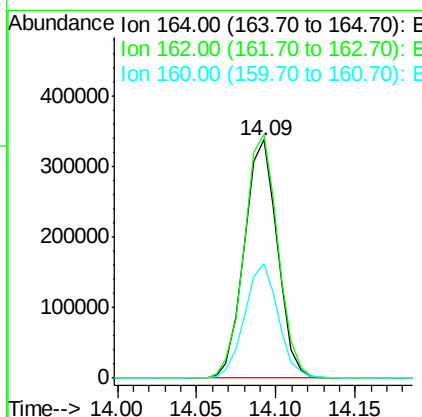
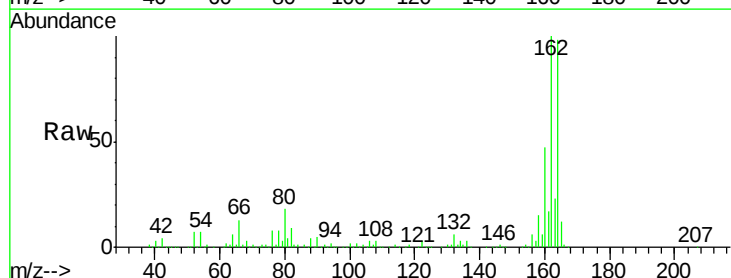
Instrument :
 BNA_M
 ClientSampleId :

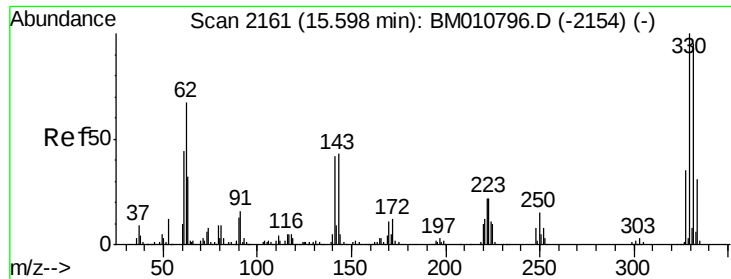
Tot Ion: 82 Resp: 1984837
 Ion Ratio Lower Upper
 82 100
 128 27.5 32.8 49.2#
 54 47.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010896.D
 Acq: 19 Jul 2017 16:49

Tgt Ion: 164 Resp: 488533
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.4 123.6
 160 47.8 35.8 53.6

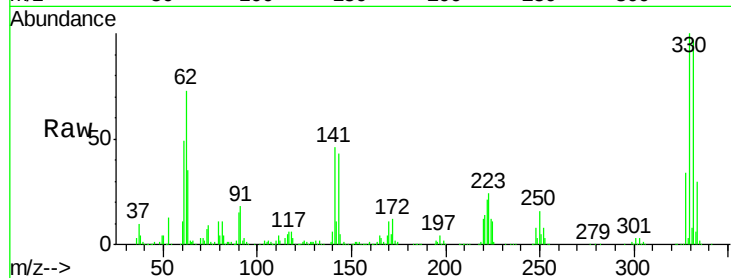




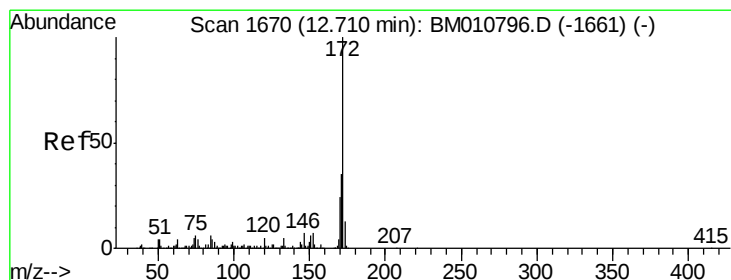
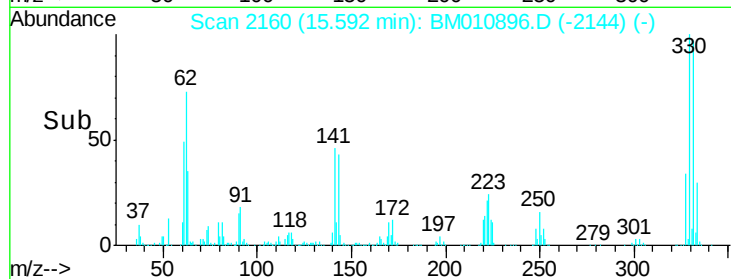
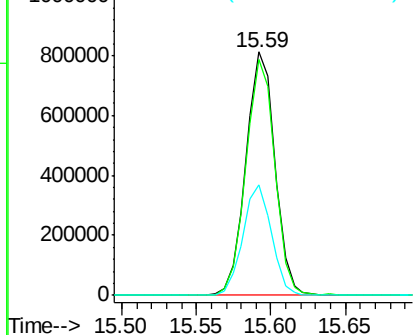
#41
 2,4,6-Tribromophenol
 Concen: 146.26 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010896.D
 Acq: 19 Jul 2017 16:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1091965
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 44.6 0.0 0.0#

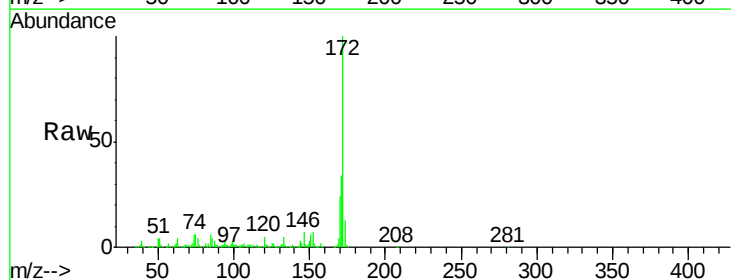


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

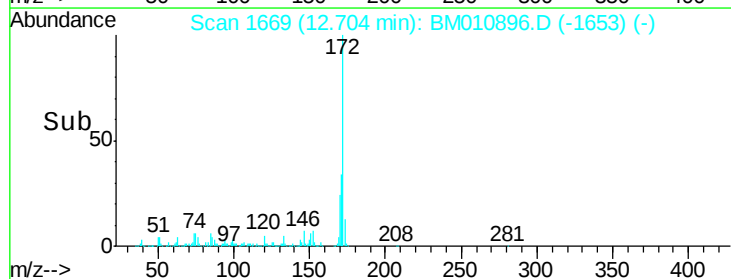
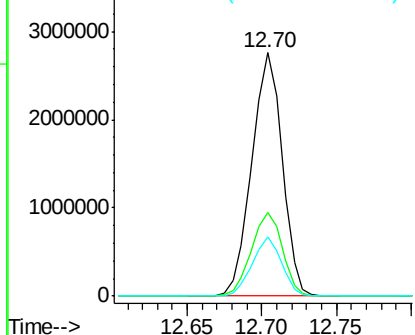


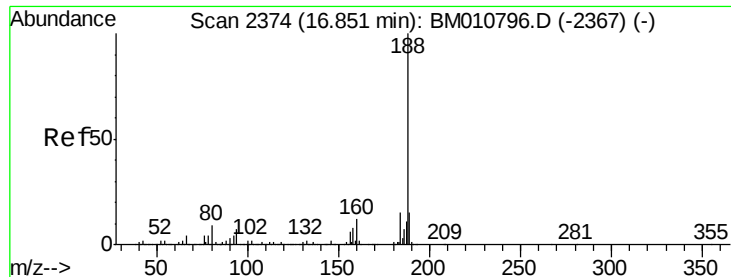
#44
 2-Fluorobiphenyl
 Concen: 98.49 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010896.D
 Acq: 19 Jul 2017 16:49

Tgt Ion:172 Resp: 3867583
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 24.3 18.8 28.2



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

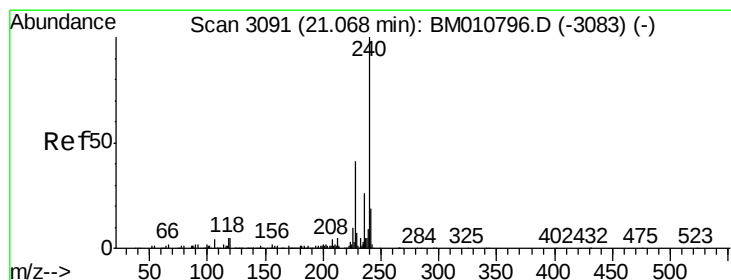
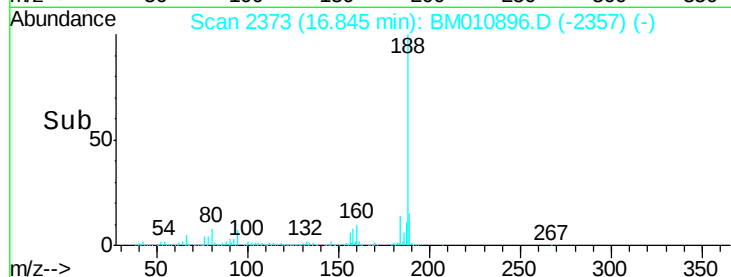
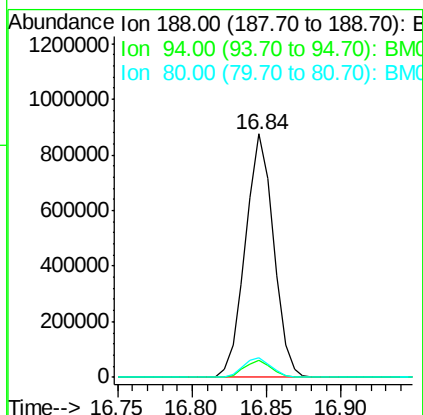
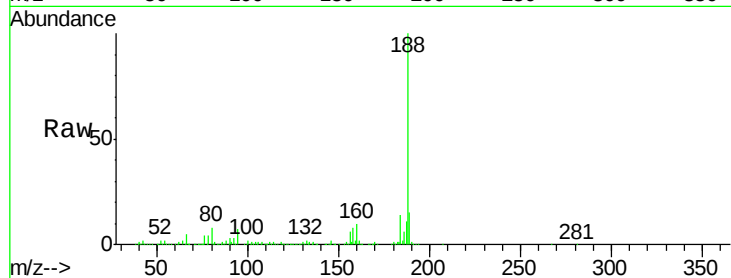




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010896.D
Acq: 19 Jul 2017 16:49

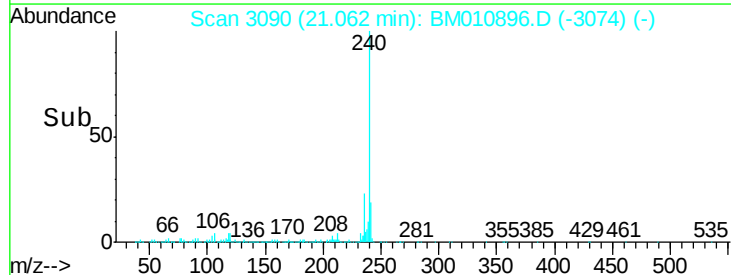
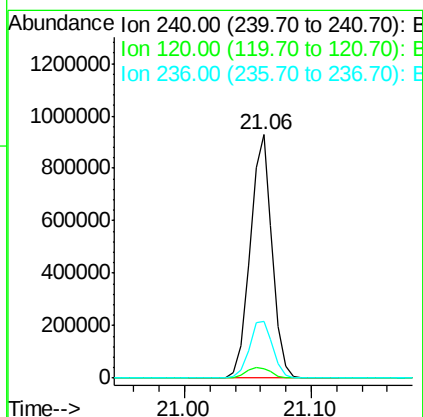
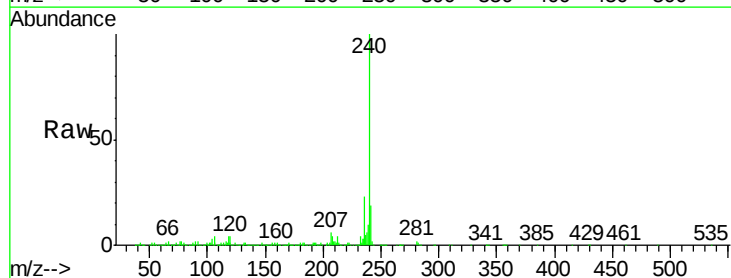
Instrument :
BNA_M
ClientSampleId :

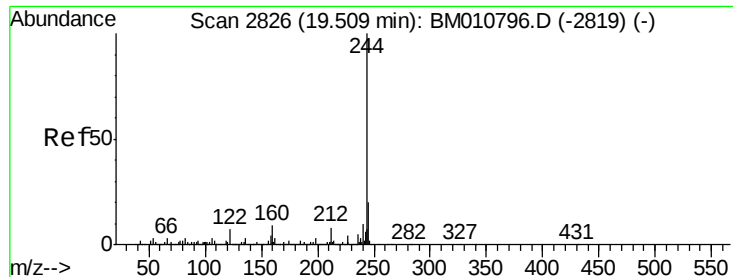
Tot Ion:188 Resp: 1145009
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010896.D
Acq: 19 Jul 2017 16:49

Tgt Ion:240 Resp: 1114808
Ion Ratio Lower Upper
240 100
120 4.1 8.2 12.2#
236 23.4 20.0 30.0





#78

Terphenyl-d14

Concen: 90.66 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010896.D

Acq: 19 Jul 2017 16:49

Instrument :

BNA_M

ClientSampled :

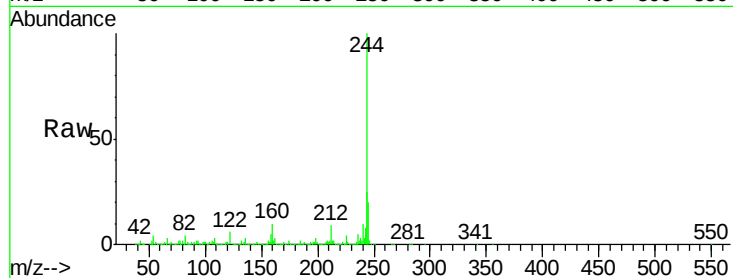
Tot Ion:244 Resp: 5225675

Ion Ratio Lower Upper

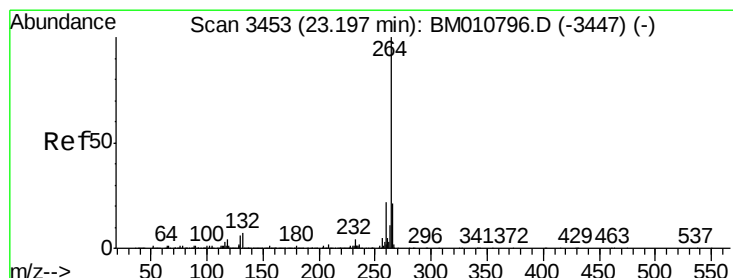
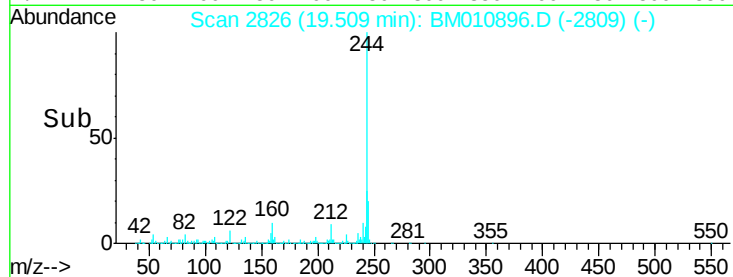
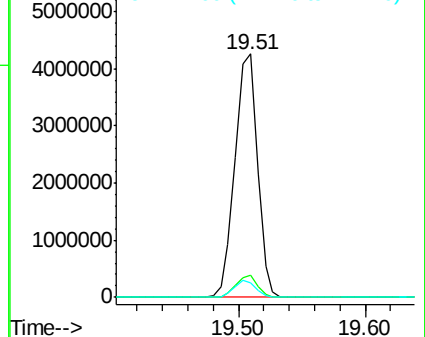
244 100

212 8.9 4.9 7.3#

122 6.1 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: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010896.D

Acq: 19 Jul 2017 16:49

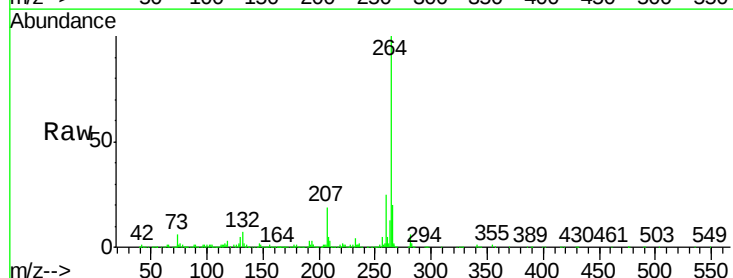
Tgt Ion:264 Resp: 1016797

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 20.1 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

