

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011386.D
 Acq On : 31 Aug 2017 23:45
 Operator : SJ/JU
 Sample : I4963-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3825-SPP2

Quant Time: Sep 01 07:30:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	535160	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2333190	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1341088	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2958045	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3306366	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2948164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2067957	65.04	ng	0.00
7) Phenol-d6	7.13	99	1651779	37.47	ng	0.00
23) Nitrobenzene-d5	9.15	82	3574193	100.95	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2249020	144.95	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8954677	96.25	ng	0.00
78) Terphenyl-d14	19.97	244	11639258	87.35	ng	0.00

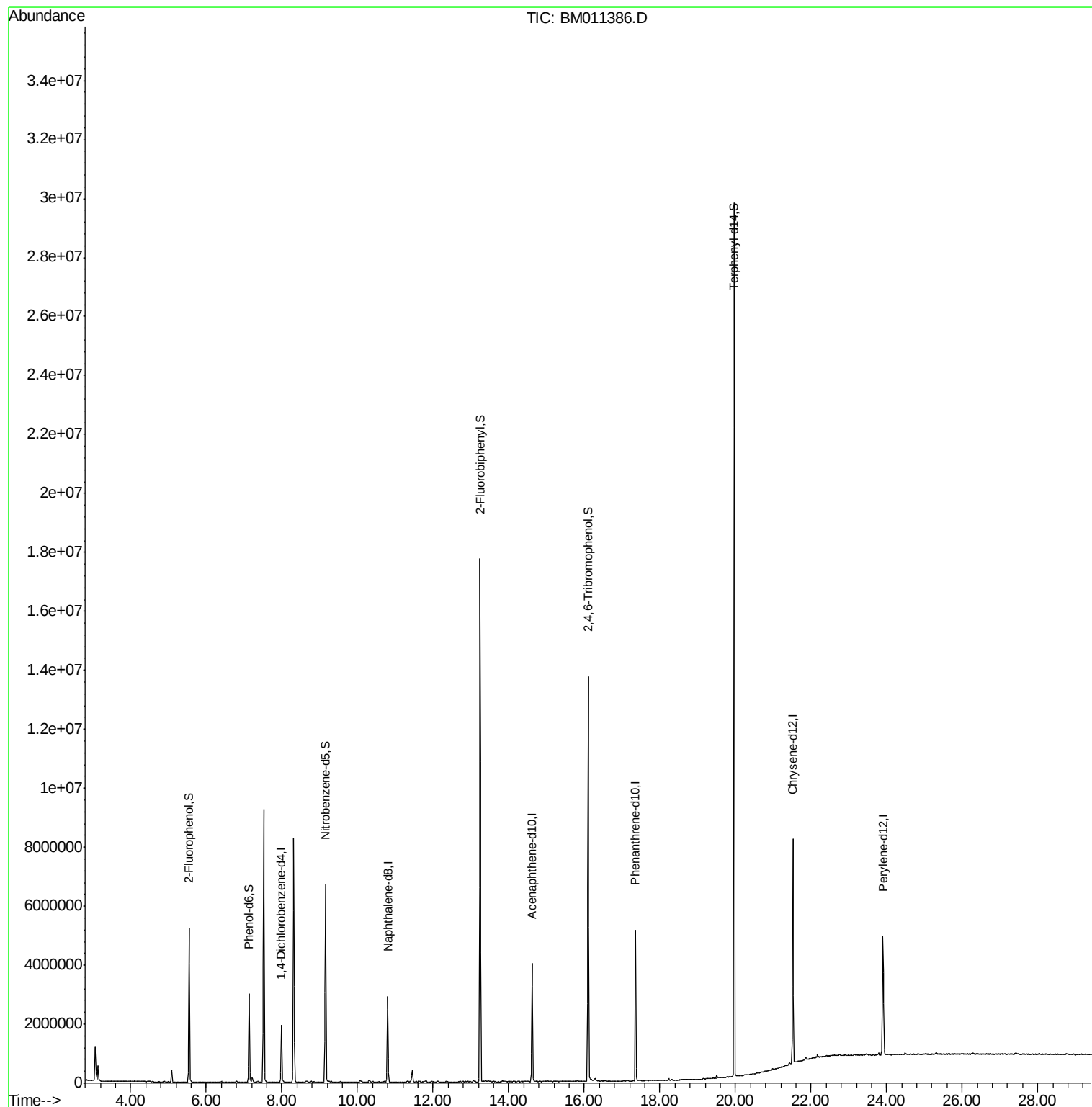
Target Compounds Qvalue

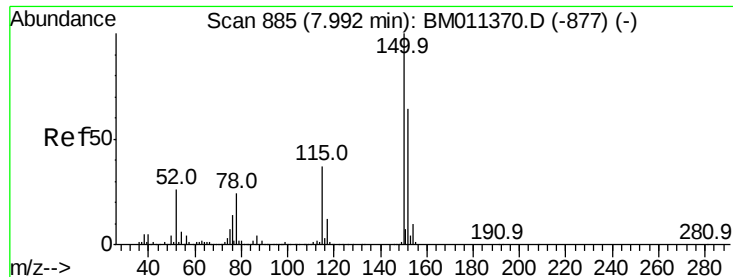
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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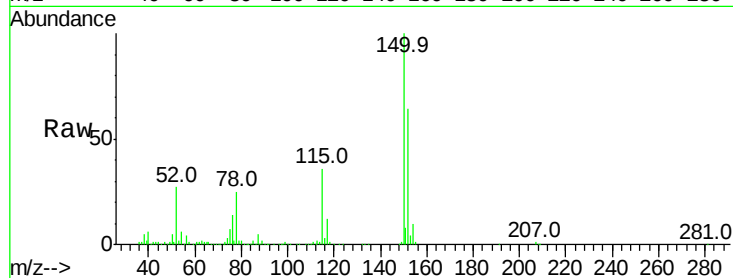


#1

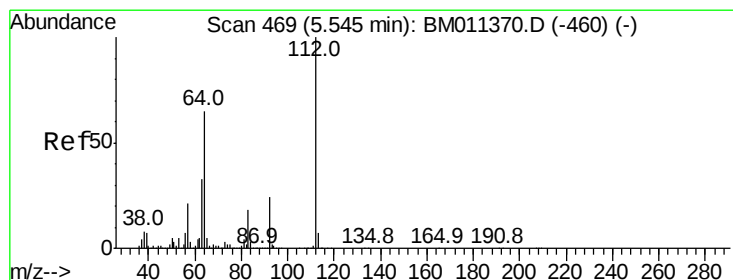
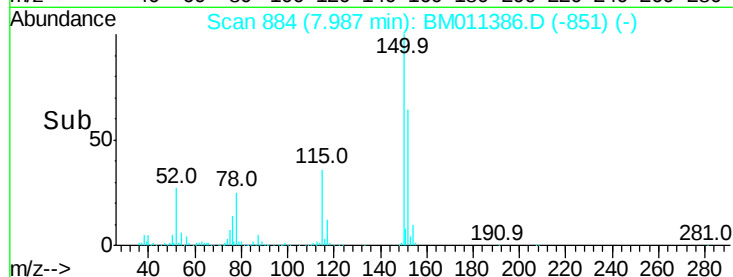
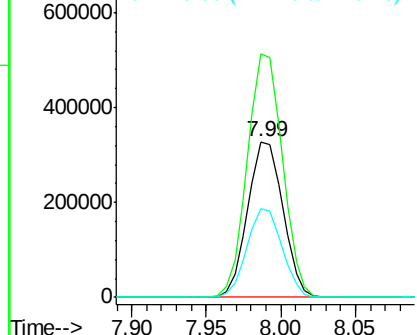
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :
3825-SPP2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	56.9	43.0	64.4



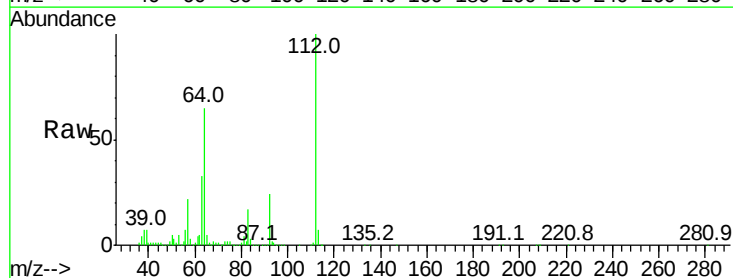
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



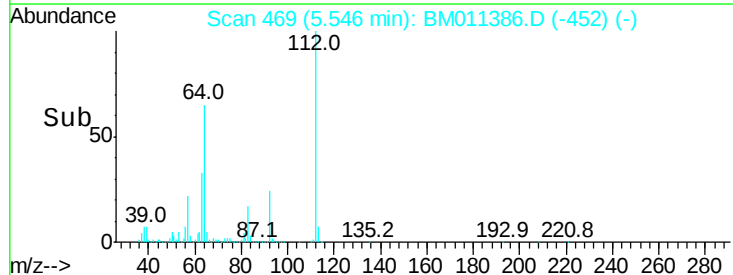
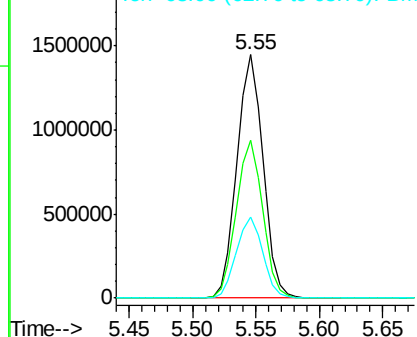
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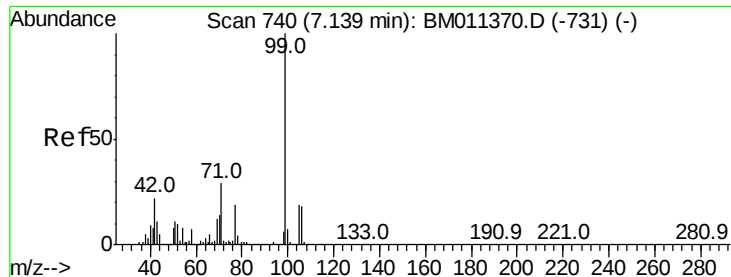
2-Fluorophenol
Concen: 65.045 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	38.6	57.8#
63	33.2	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: 37.469 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011386.D

Acq: 31 Aug 2017 23:45

Instrument :

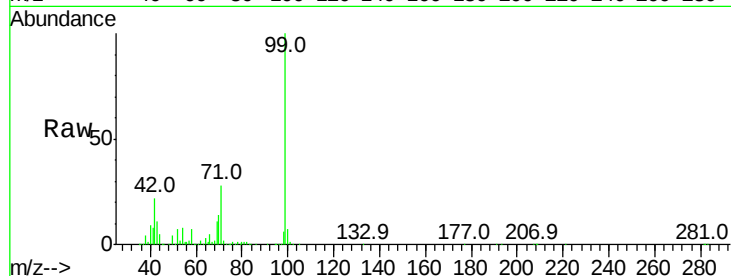
BNA_M

ClientSampled :

3825-SPP2

Tot Ion: 99 Resp: 1651779

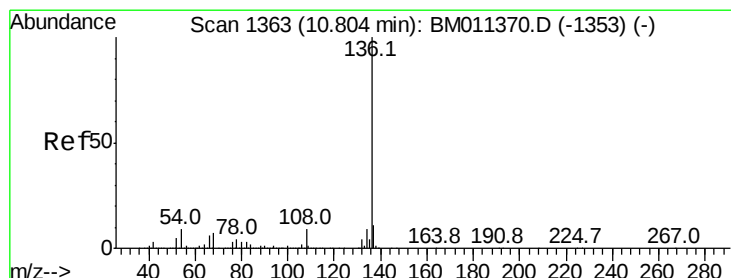
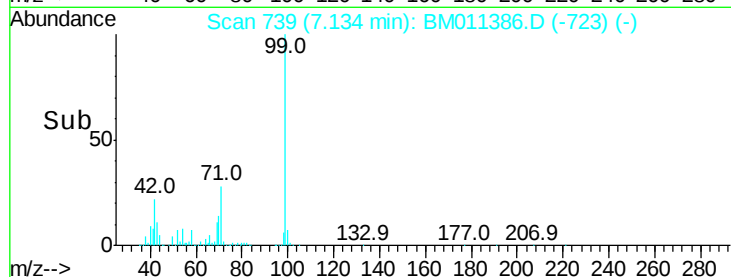
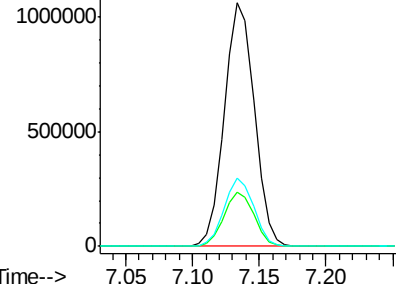
Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.0	16.4#
71	27.9	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

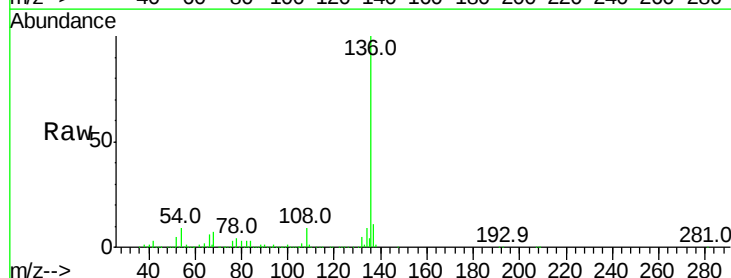
Delta R.T. -0.01 min

Lab File: BM011386.D

Acq: 31 Aug 2017 23:45

Tgt Ion: 136 Resp: 2333190

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	4.6	6.8#
68	7.2	3.7	5.5#

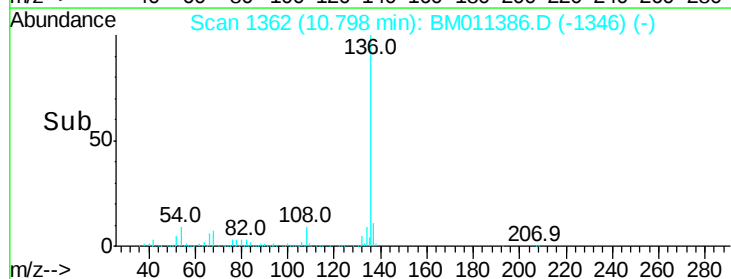
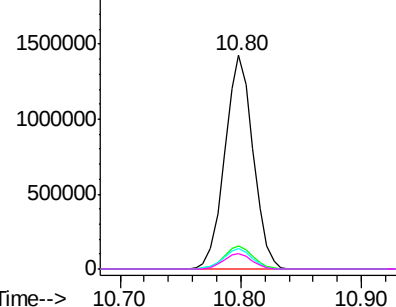


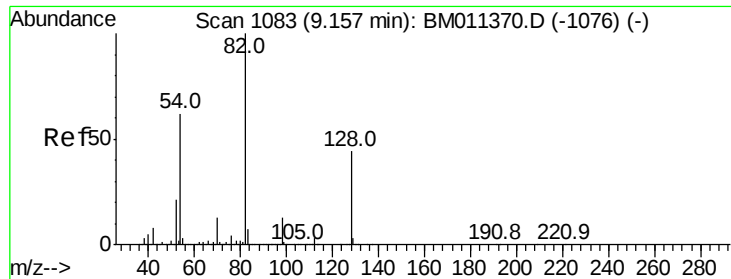
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)



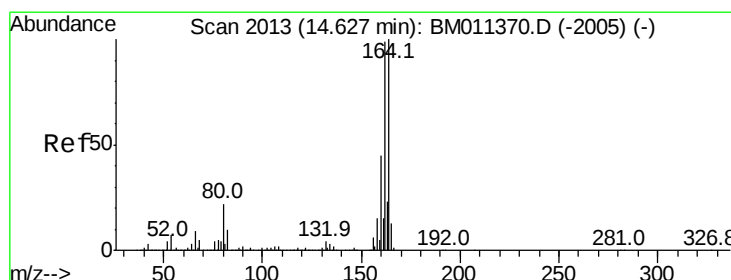
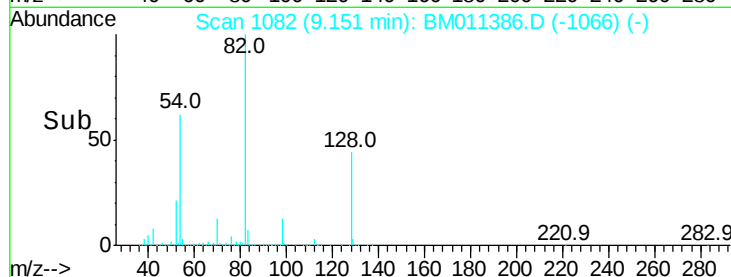
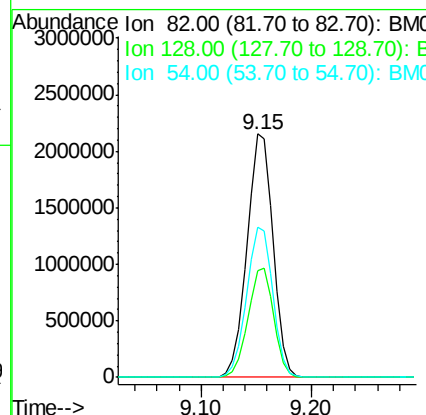
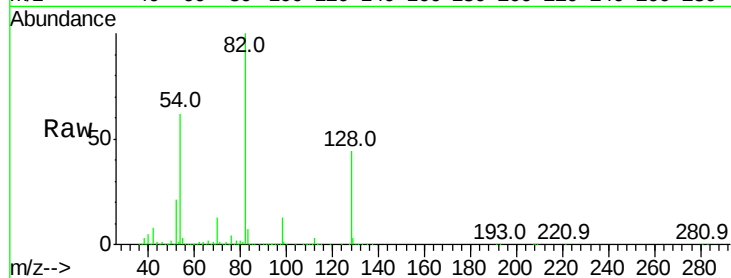


#23
 Nitrobenzene-d5
 Concen: 100.949 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011386.D
 Acq: 31 Aug 2017 23:45

Instrument :
 BNA_M
 ClientSampleId :
 3825-SPP2

Tot Ion: 82 Resp: 3574193

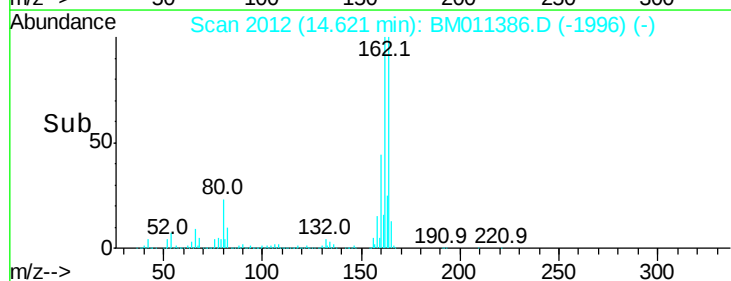
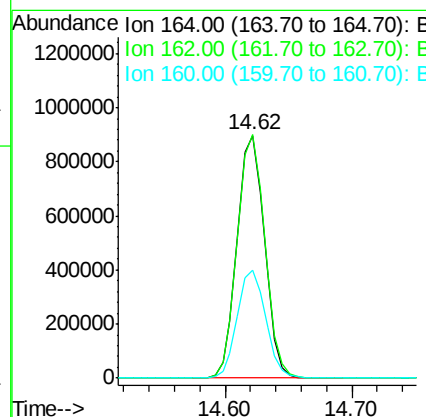
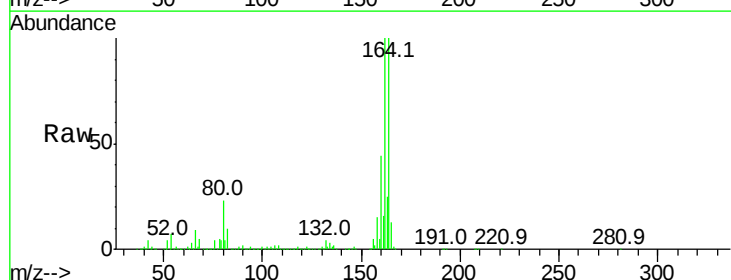
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	61.8	40.6	60.8#

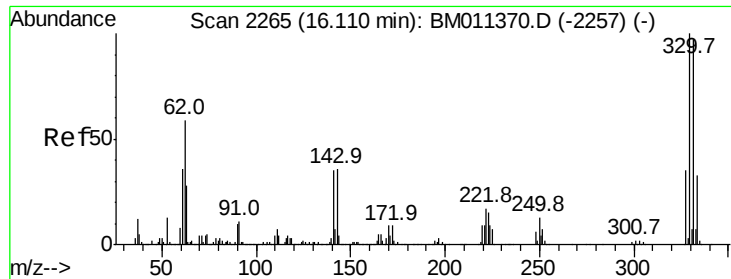


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011386.D
 Acq: 31 Aug 2017 23:45

Tgt Ion: 164 Resp: 1341088

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	44.4	35.8	53.6

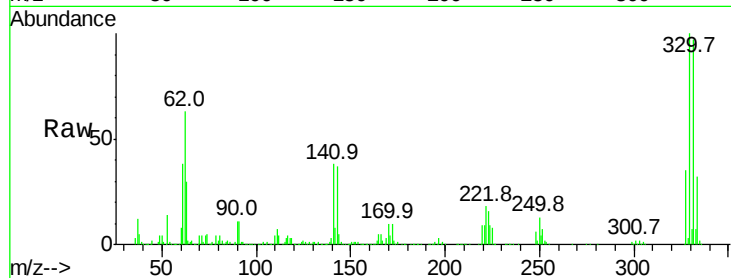




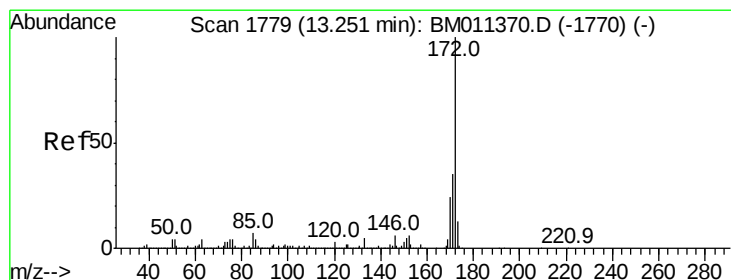
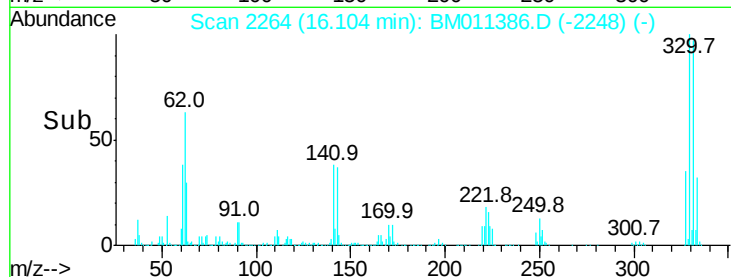
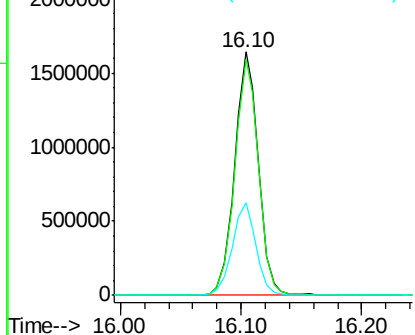
#41
 2,4,6-Tribromophenol
 Concen: 144.950 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011386.D
 Acq: 31 Aug 2017 23:45

Instrument :
 BNA_M
 ClientSampled :
 3825-SPP2

Tot Ion:330 Resp: 2249020
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 38.0 0.0 0.0#

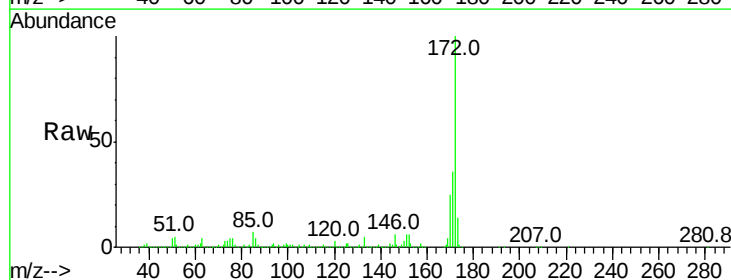


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

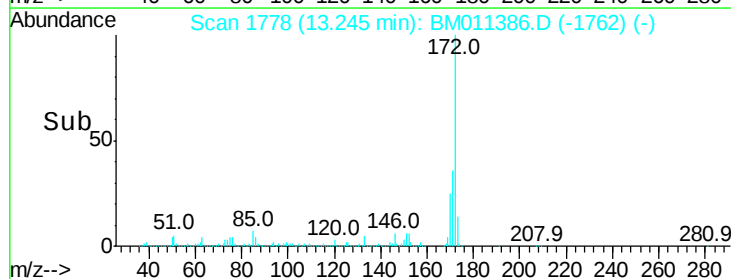
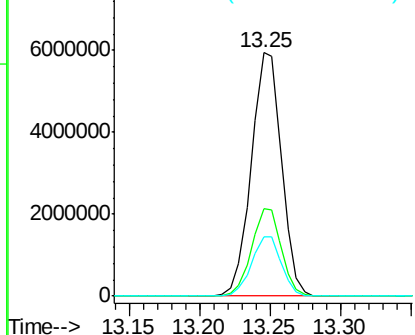


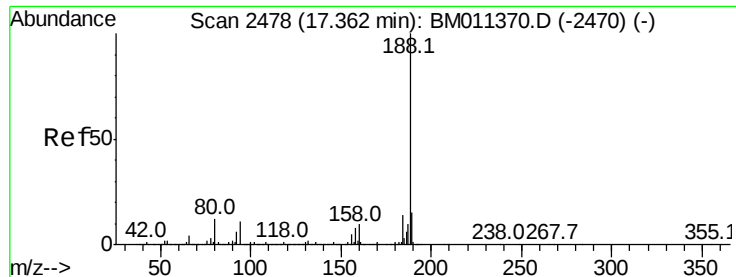
#44
 2-Fluorobiphenyl
 Concen: 96.250 ng
 RT: 13.25 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011386.D
 Acq: 31 Aug 2017 23:45

Tgt Ion:172 Resp: 8954677
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.6 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

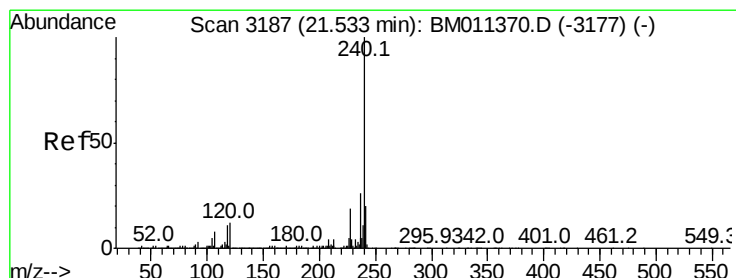
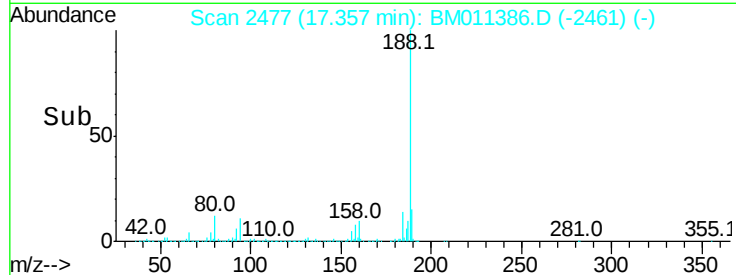
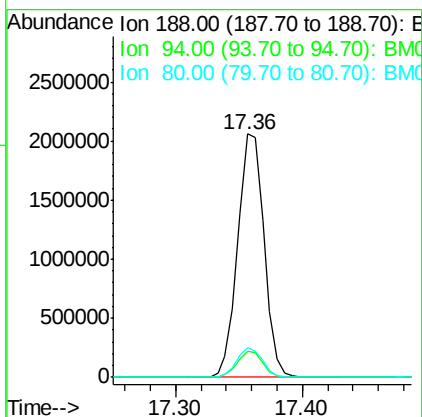
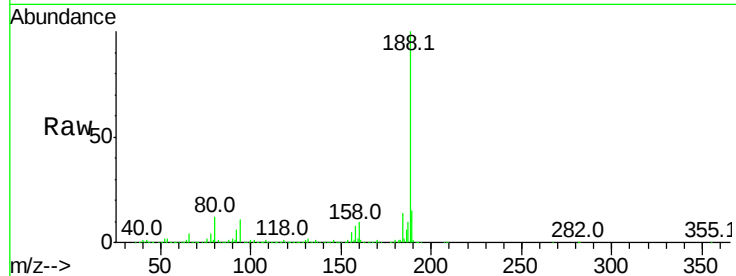




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

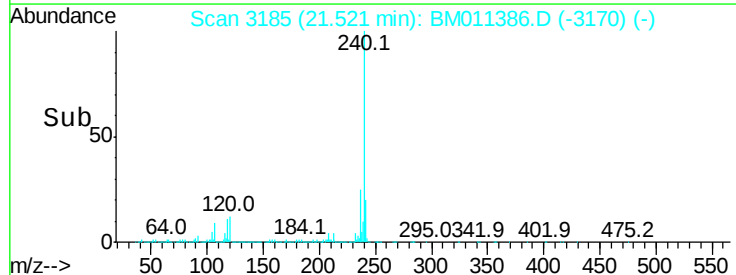
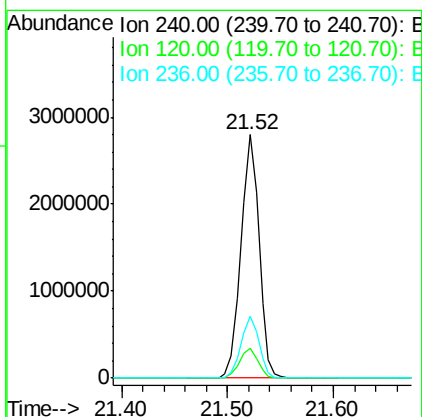
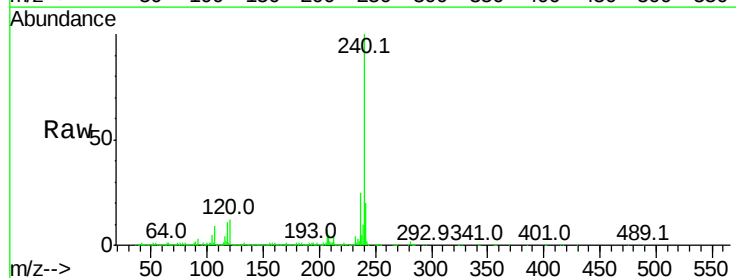
Instrument :
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3825-SPP2

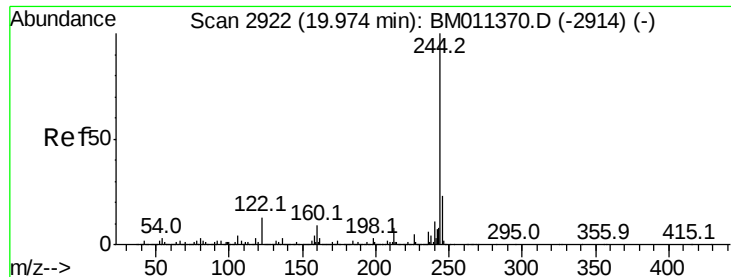
Tot Ion:188 Resp: 2958045
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 12.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:240 Resp: 3306366
Ion Ratio Lower Upper
240 100
120 12.5 8.2 12.2#
236 25.4 20.0 30.0

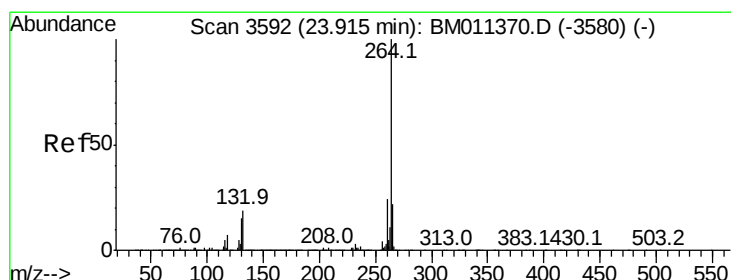
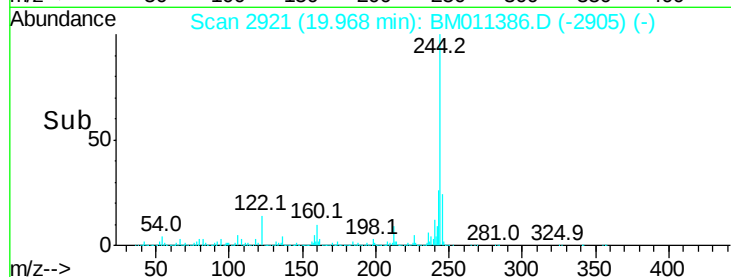
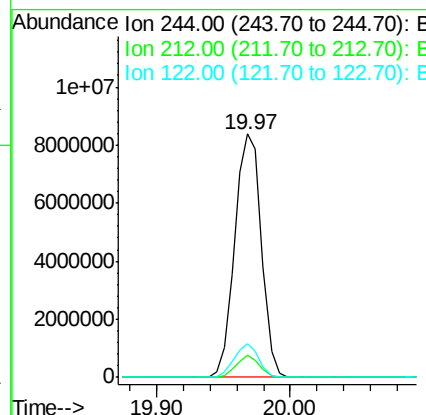
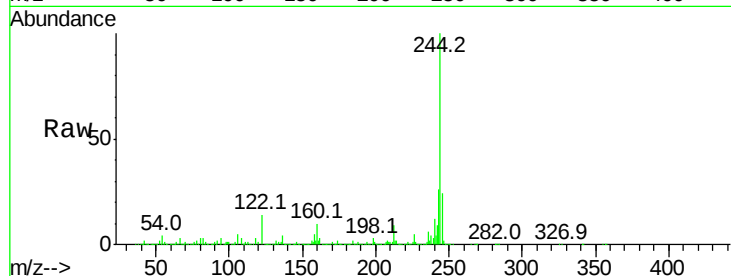




#78
 Terphenyl-d14
 Concen: 87.345 ng
 RT: 19.97 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: BM011386.D
 Acq: 31 Aug 2017 23:45

Instrument :
 BNA_M
 ClientSampled :
 3825-SPP2

Tot Ion:244 Resp:11639258
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 13.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3590
 Delta R.T. -0.01 min
 Lab File: BM011386.D
 Acq: 31 Aug 2017 23:45

Tgt Ion:264 Resp: 2948164
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 22.1 17.3 25.9

