

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011129.D
 Acq On : 04 Aug 2017 22:12
 Operator : SJ/JU
 Sample : I4562-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 05 03:21:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	100990	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	302602	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	294097	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	682284	20.00	ng	-0.06
75) Chrysene-d12	20.97	240	872881	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1192437	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	639461	107.04	ng	-0.07
7) Phenol-d6	6.52	99	708837	83.51	ng	-0.08
23) Nitrobenzene-d5	8.46	82	576397	71.49	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	561071	119.03	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	1402706	59.82	ng	-0.08
78) Terphenyl-d14	19.41	244	3426923	77.77	ng	-0.06

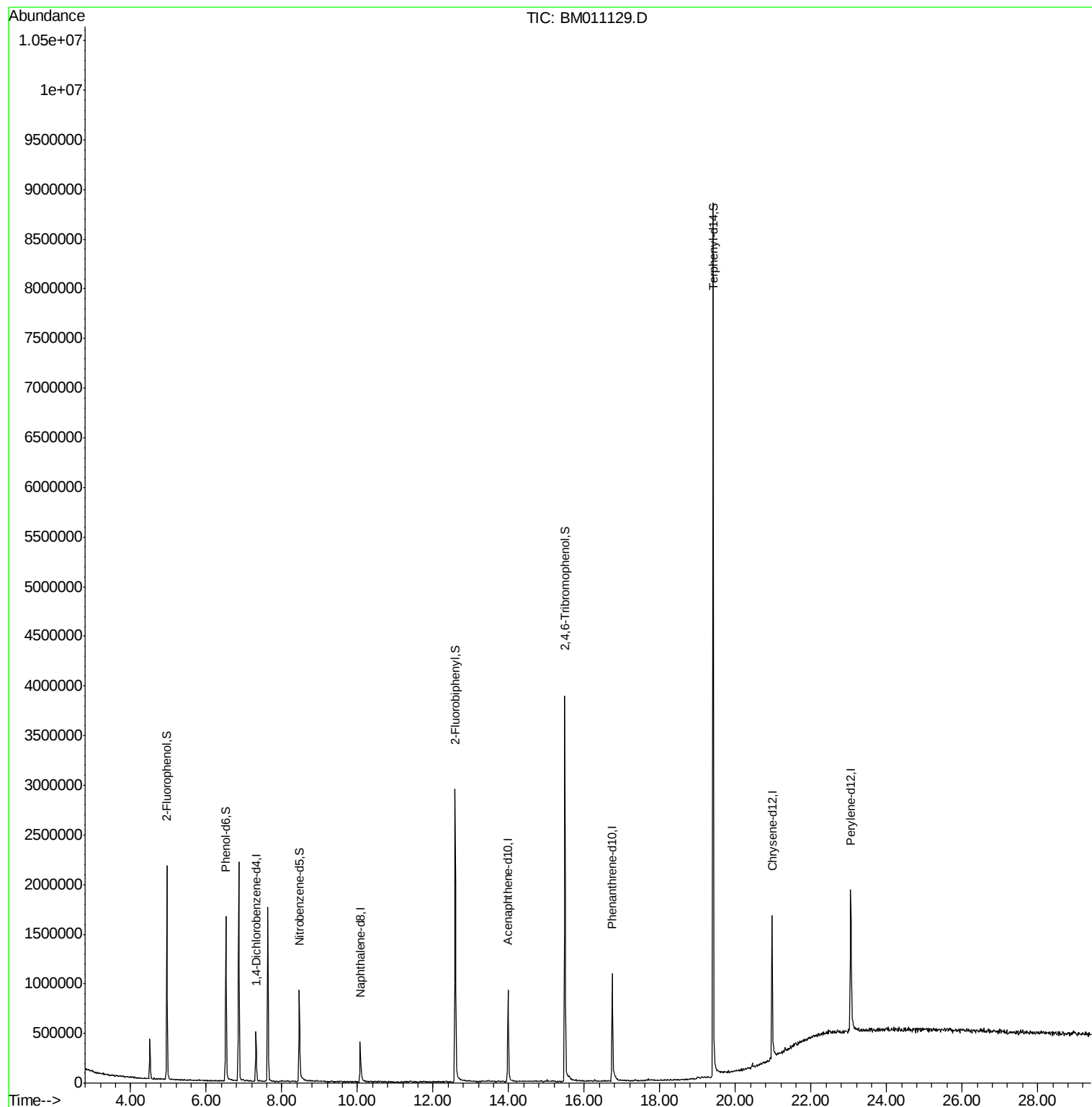
Target Compounds Qvalue

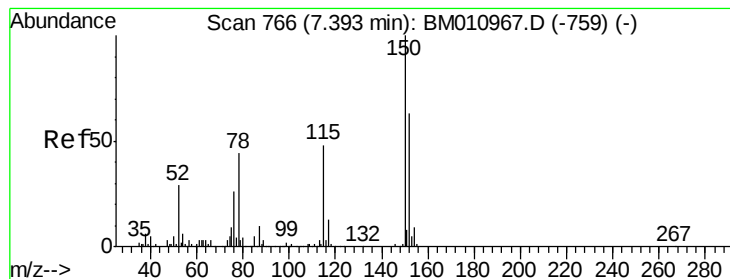
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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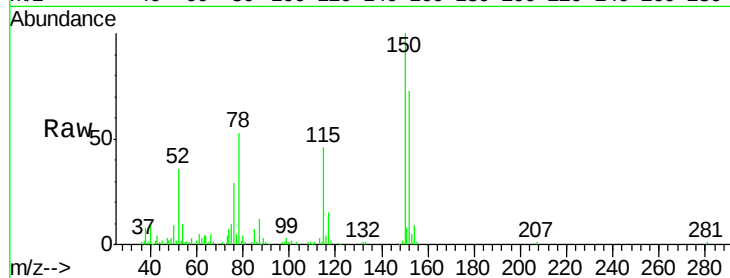


#1

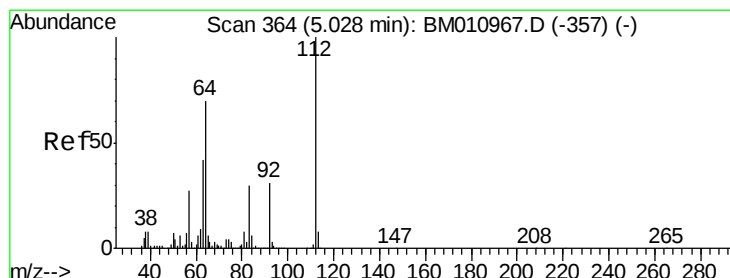
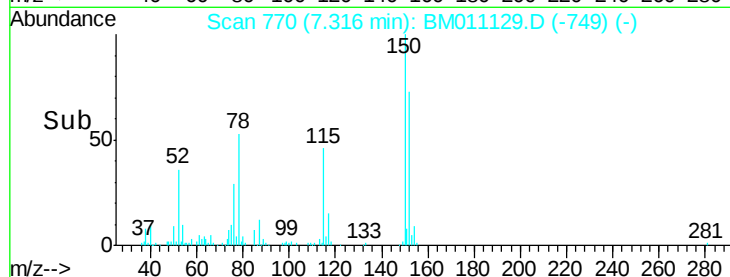
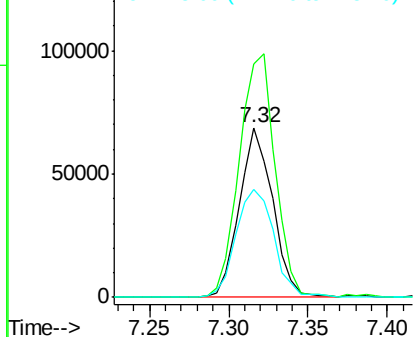
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011129.D
Acq: 04 Aug 2017 22:12

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.9	119.5	179.3
115	63.6	43.0	64.4



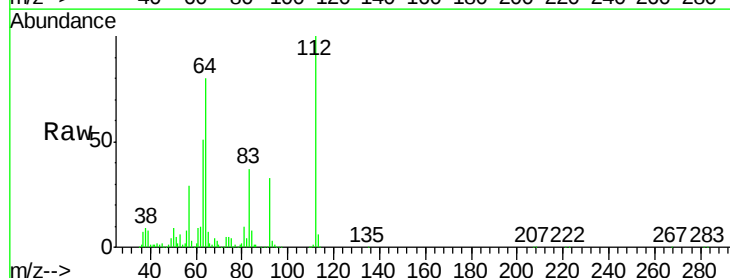
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



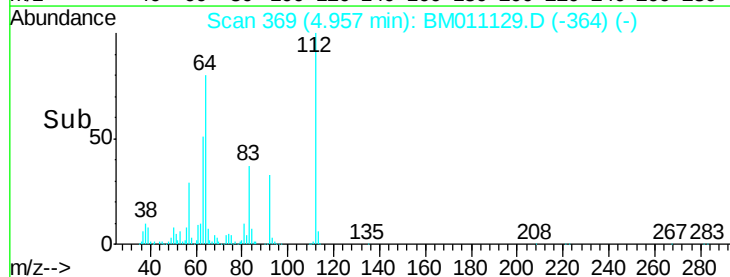
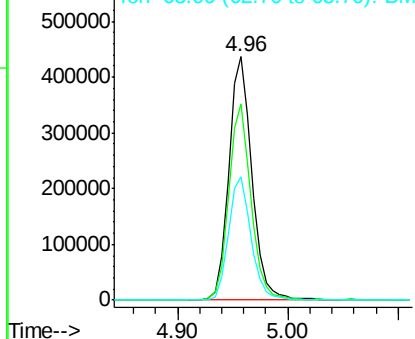
#5

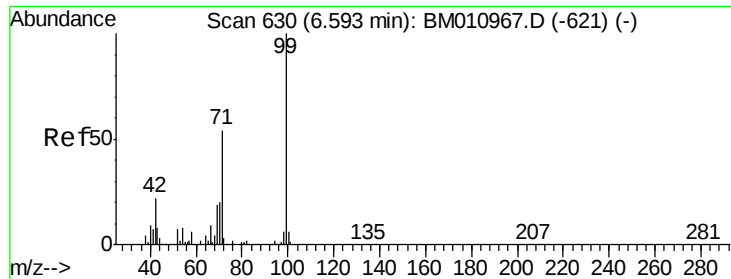
2-Fluorophenol
Concen: 107.04 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011129.D
Acq: 04 Aug 2017 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.4	38.6	57.8#
63	50.7	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: 83.51 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011129.D

Acq: 04 Aug 2017 22:12

Instrument :

BNA_M

ClientSampled :

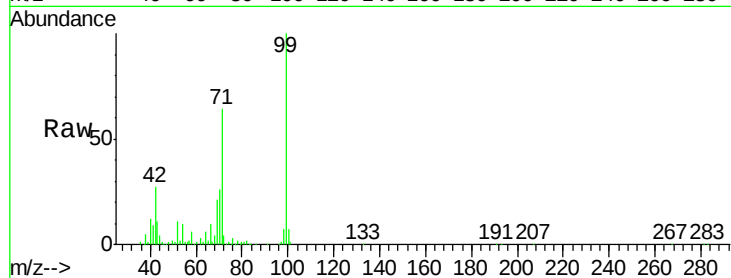
Tot Ion: 99 Resp: 708837

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

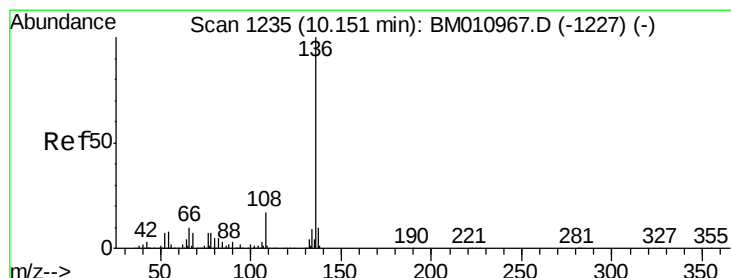
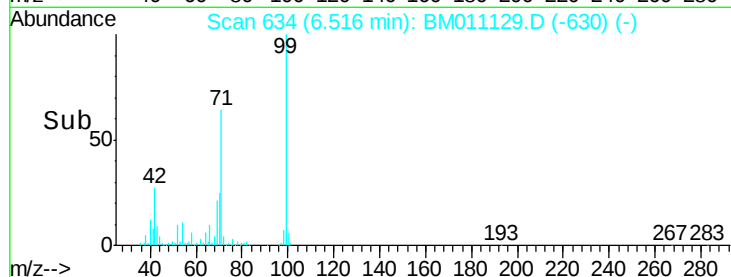
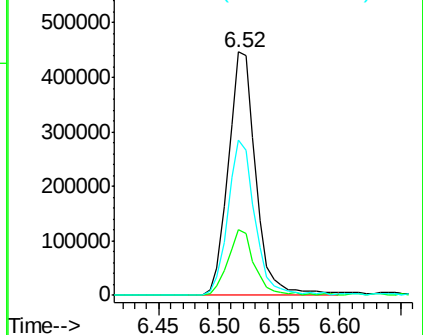
71 63.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011129.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011129.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011129.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011129.D

Acq: 04 Aug 2017 22:12

Tgt Ion: 136 Resp: 302602

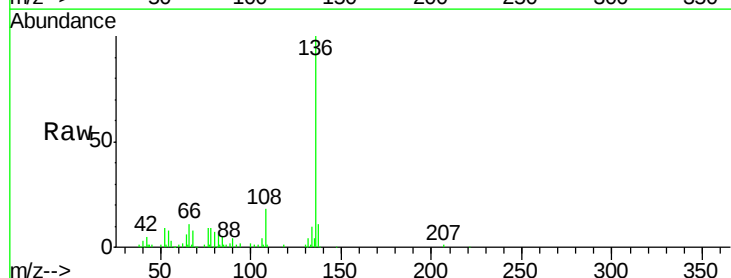
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.4 4.6 6.8#

68 8.0 3.7 5.5#

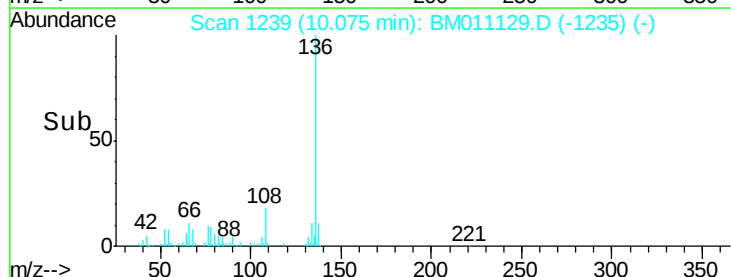
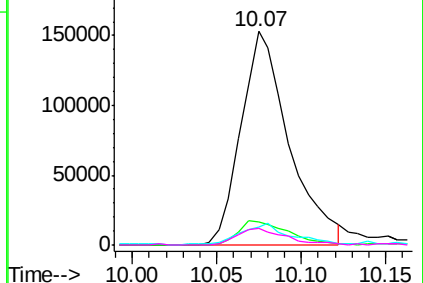


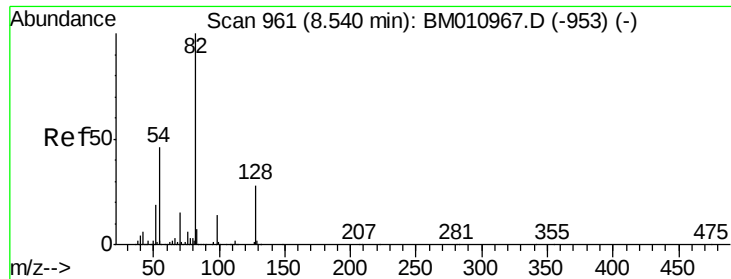
Abundance Ion 136.00 (135.70 to 136.70): BM011129.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011129.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011129.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011129.D (-1235) (-)

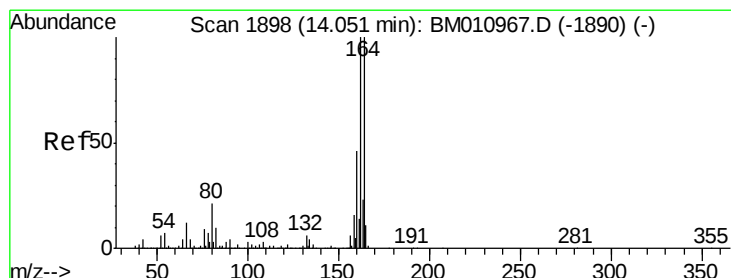
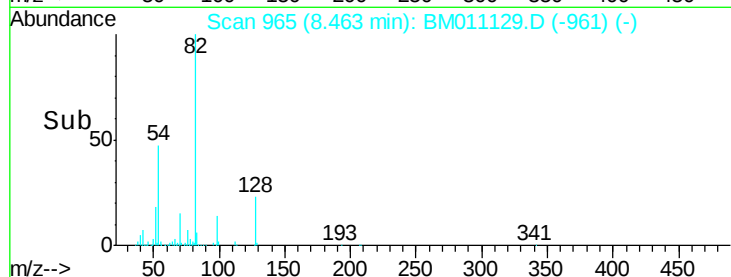
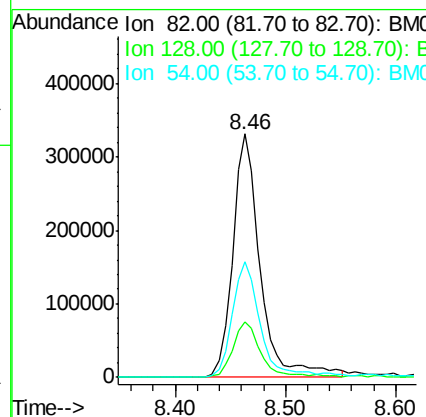
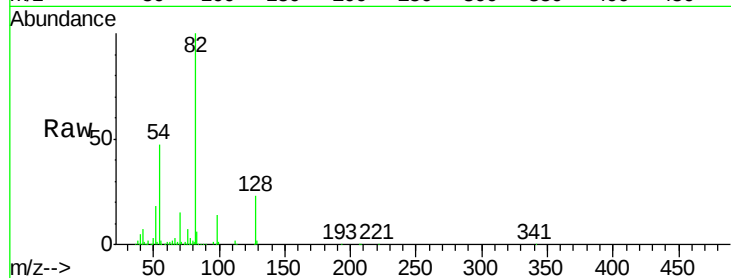




#23
 Nitrobenzene-d5
 Concen: 71.49 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011129.D
 Acq: 04 Aug 2017 22:12

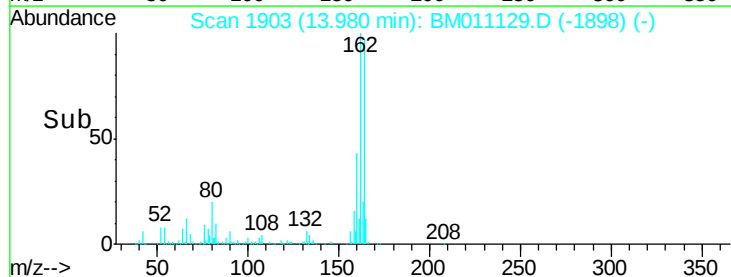
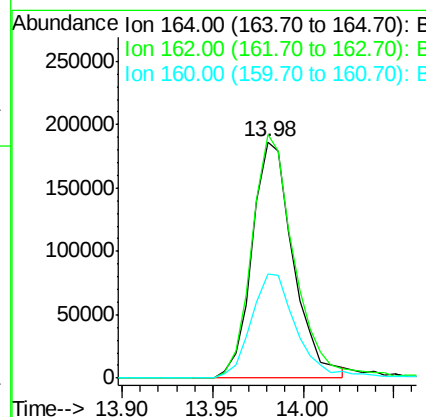
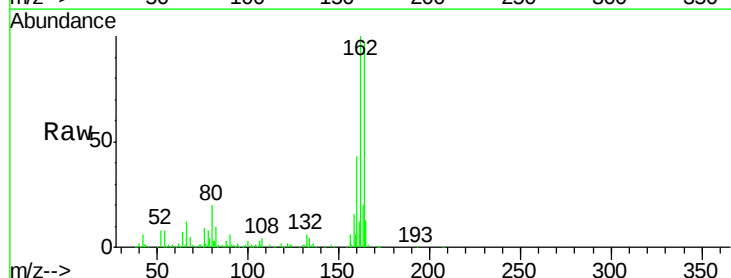
Instrument :
 BNA_M
 ClientSampled :

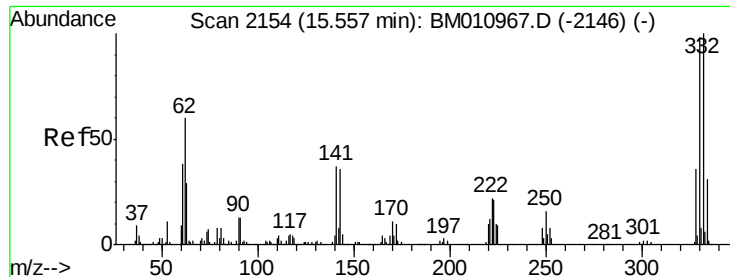
Tot Ion	82	Resp	576397
Ion	Ratio	Lower	Upper
82	100		
128	22.6	32.8	49.2#
54	47.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011129.D
 Acq: 04 Aug 2017 22:12

Tgt Ion	164	Resp	294097
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	43.8	35.8	53.6

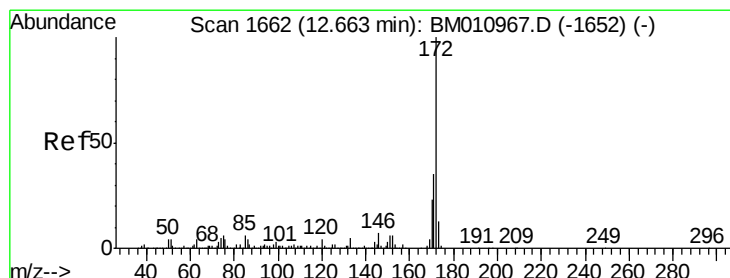
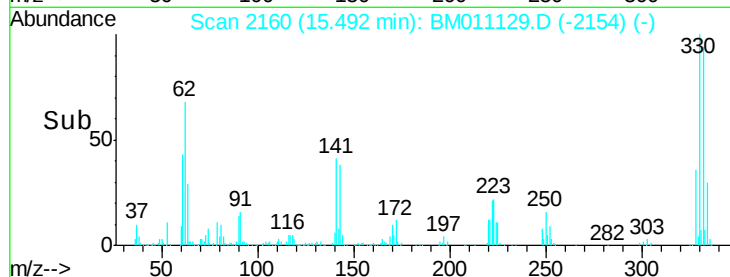
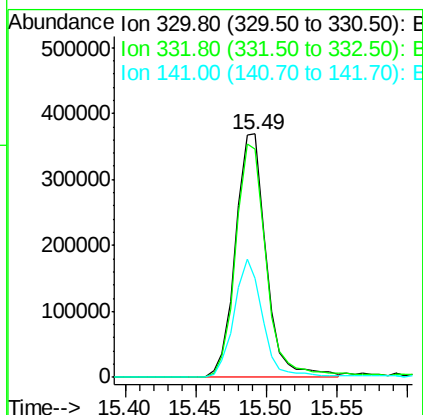
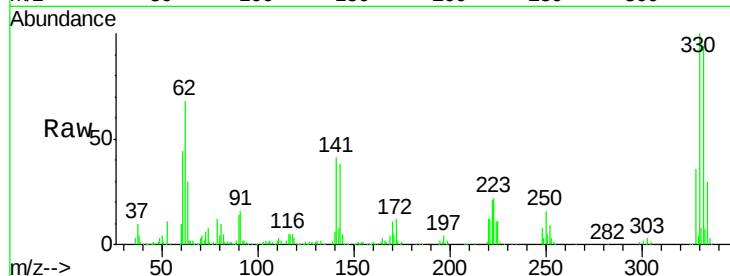




#41
 2,4,6-Tribromophenol
 Concen: 119.03 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011129.D
 Acq: 04 Aug 2017 22:12

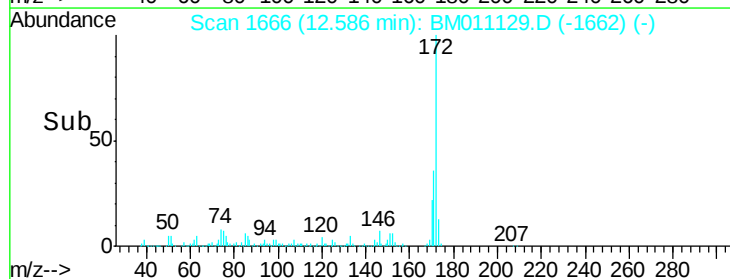
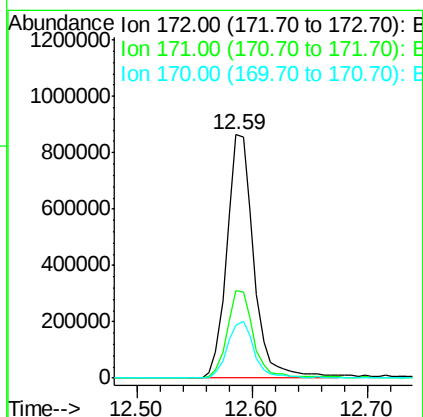
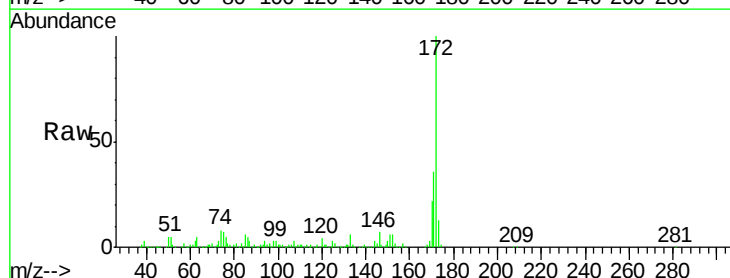
Instrument :
 BNA_M
 ClientSampled :

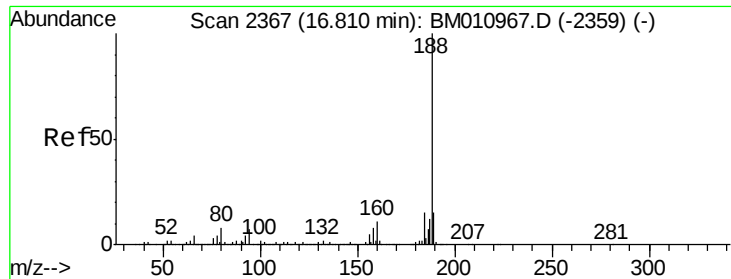
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	45.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 59.82 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011129.D
 Acq: 04 Aug 2017 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.0	18.8	28.2

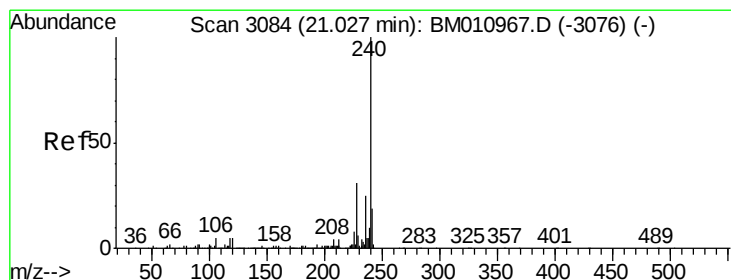
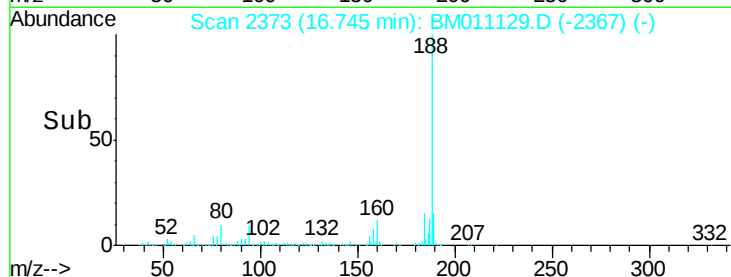
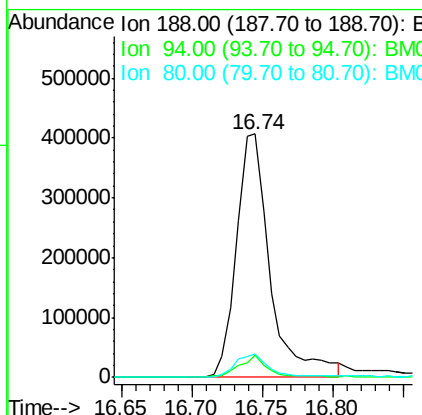
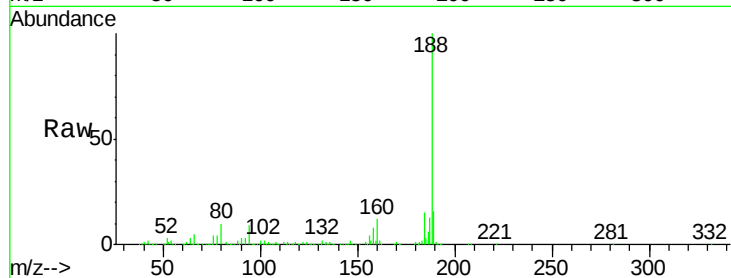




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011129.D
Acq: 04 Aug 2017 22:12

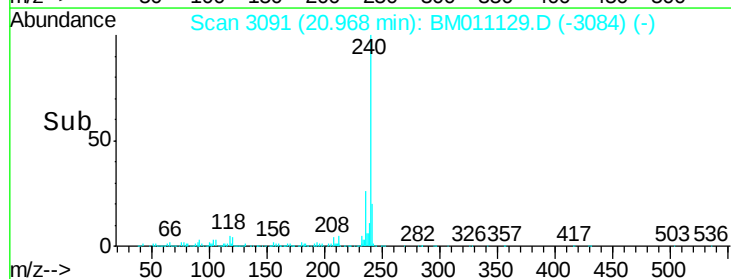
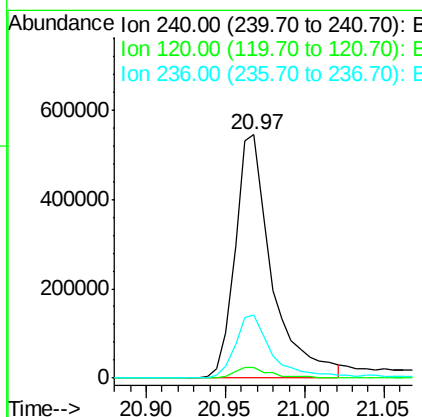
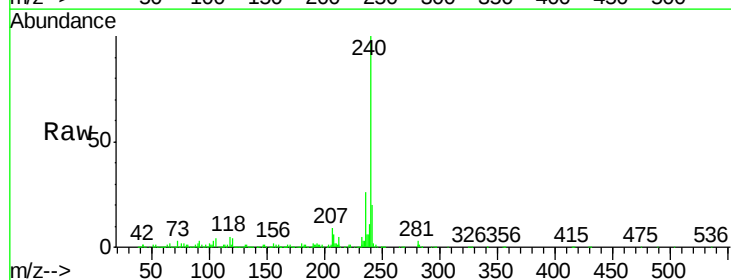
Instrument :
BNA_M
ClientSampled :

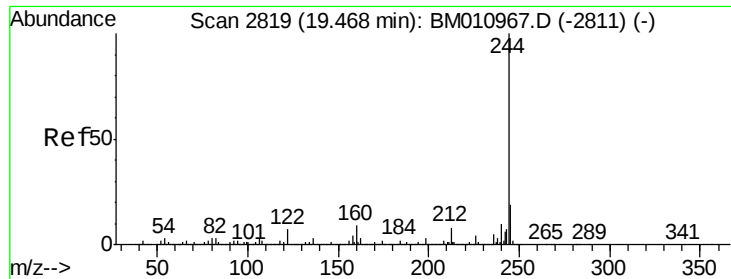
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.7	13.1
80	9.5	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011129.D
Acq: 04 Aug 2017 22:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	26.0	20.0	30.0

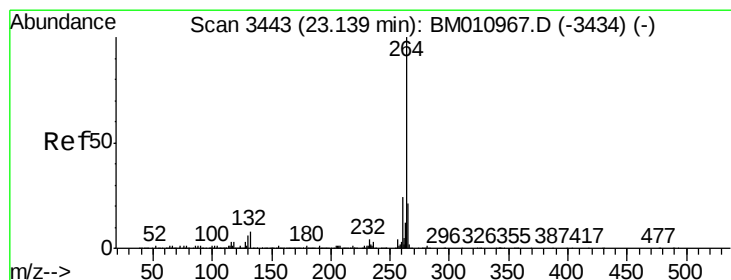
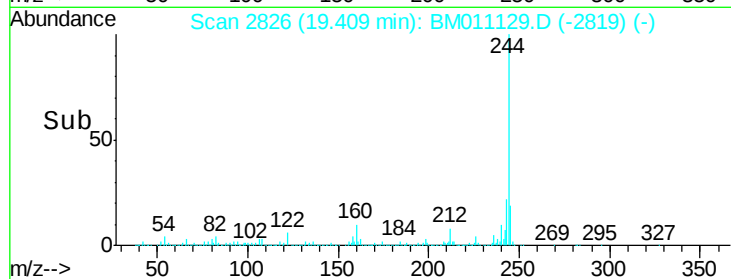
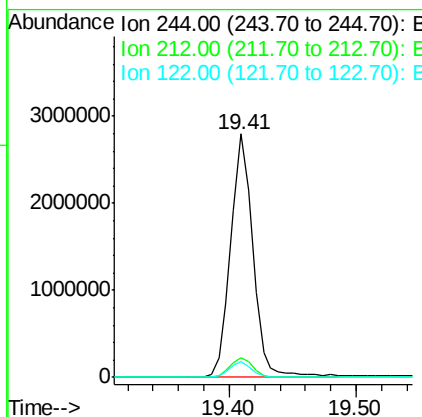
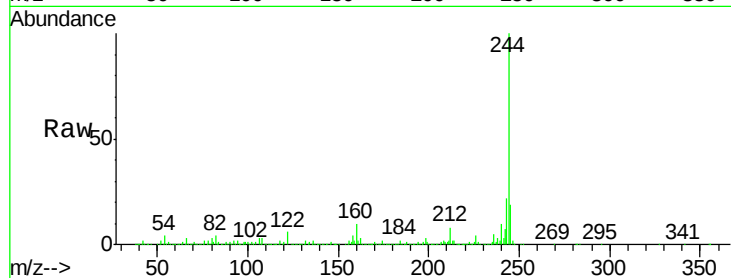




#78
 Terphenyl-d14
 Concen: 77.77 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011129.D
 Acq: 04 Aug 2017 22:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3426923
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 6.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011129.D
 Acq: 04 Aug 2017 22:12

Tgt Ion:264 Resp: 1192437
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 22.2 17.3 25.9

