

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011159.D
 Acq On : 07 Aug 2017 19:18
 Operator : SJ/JU
 Sample : I4611-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-A

Quant Time: Aug 08 01:56:13 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	156738	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	574765	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	405700	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1090327	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1334504	20.00	ng	-0.06
86) Perylene-d12	23.04	264	1075688	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1503832	162.19	ng	-0.07
7) Phenol-d6	6.52	99	1949460	147.98	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1867292	121.93	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1124364	172.91	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3462668	107.04	ng	-0.08
78) Terphenyl-d14	19.41	244	7359027	109.23	ng	-0.06

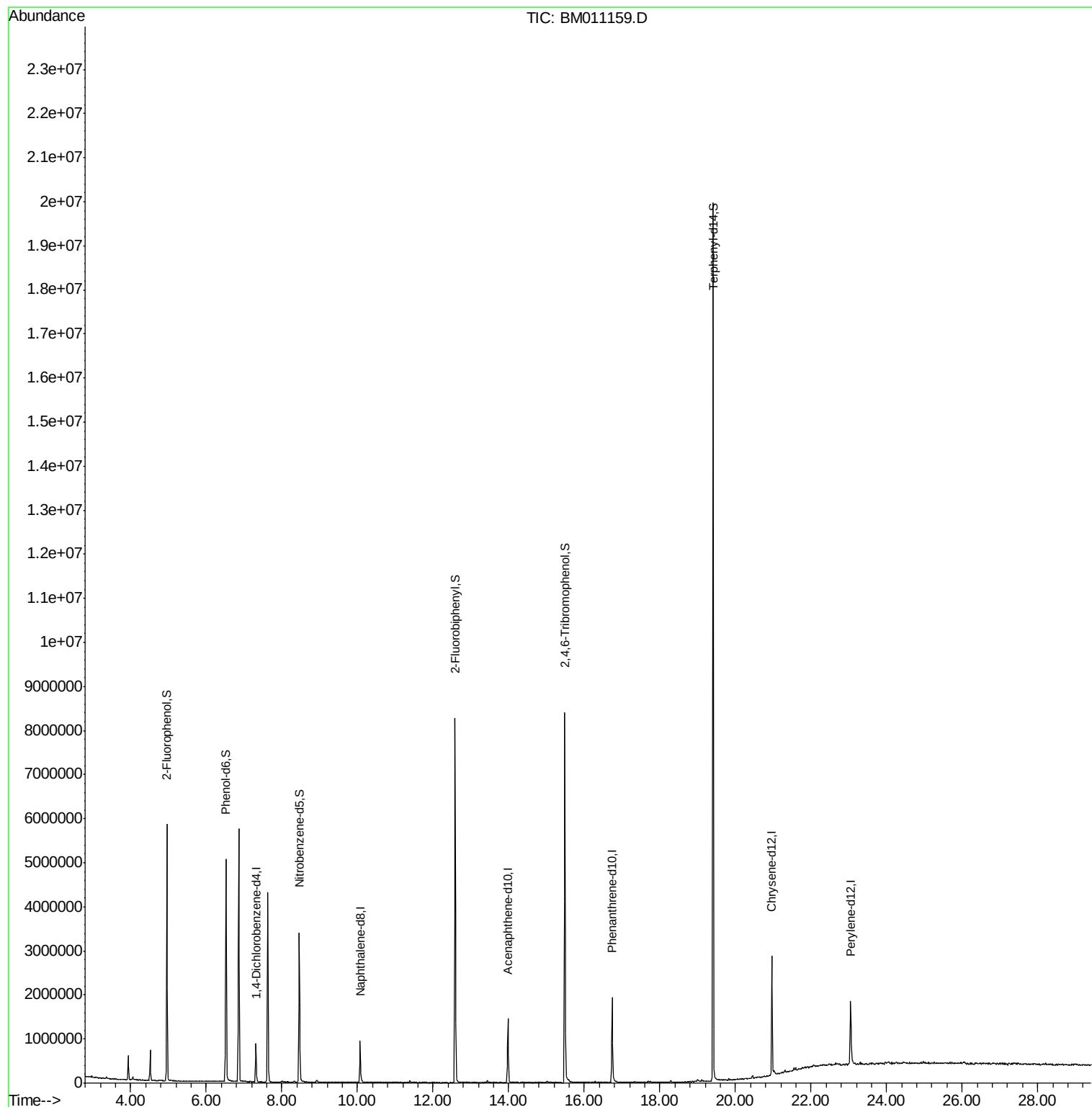
Target Compounds Qvalue

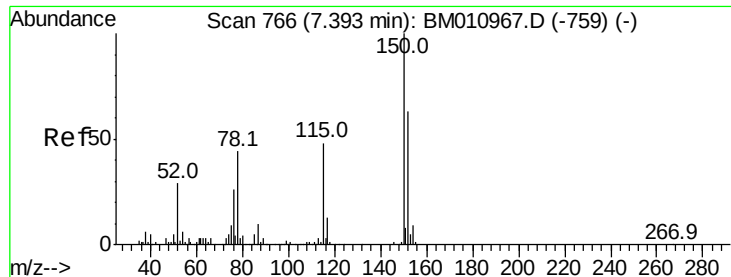
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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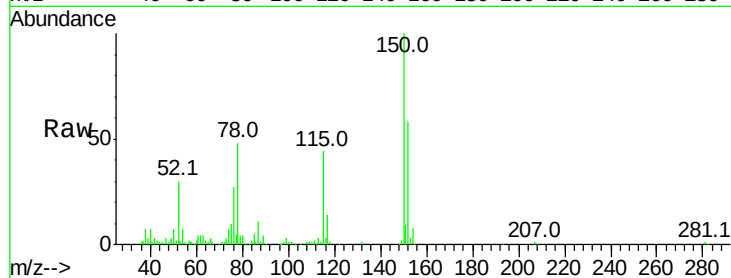


#1

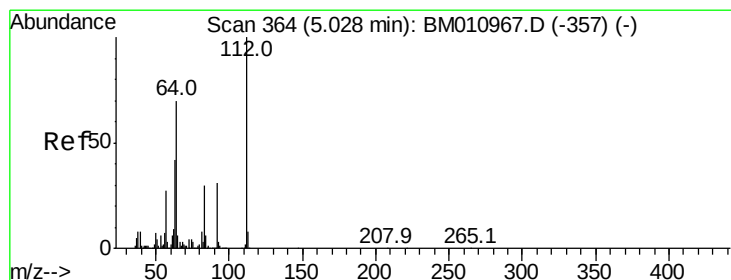
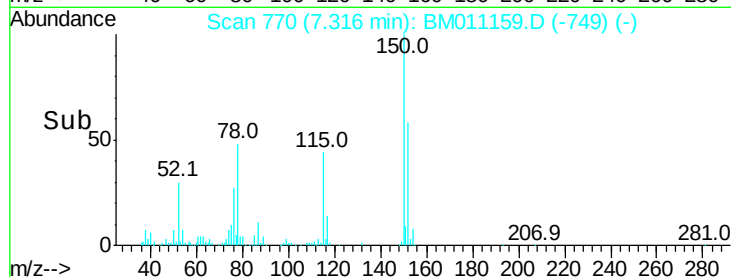
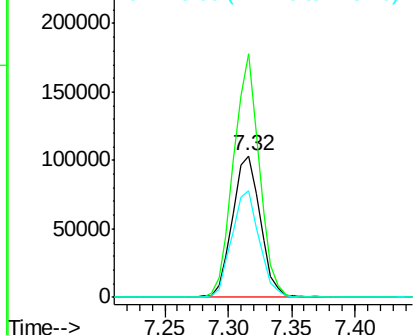
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011159.D
Acq: 07 Aug 2017 19:18

Instrument :
BNA_M
ClientSampleId :
EO-01-080317-A

Tot Ion:152 Resp: 156738
Ion Ratio Lower Upper
152 100
150 172.2 119.5 179.3
115 75.2 43.0 64.4#



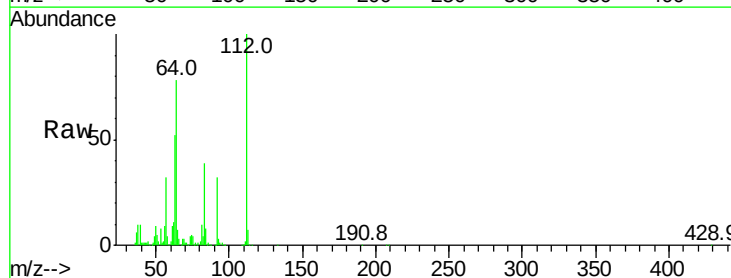
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



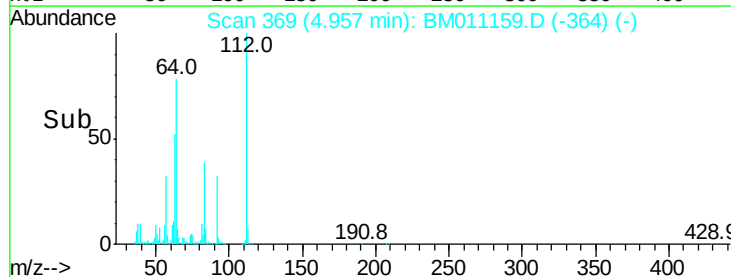
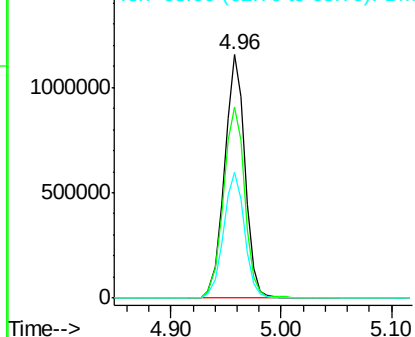
#5

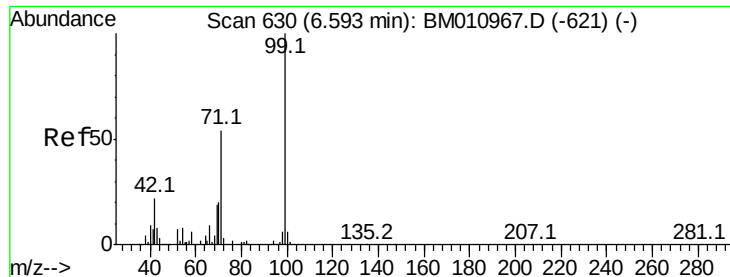
2-Fluorophenol
Concen: 162.190 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011159.D
Acq: 07 Aug 2017 19:18

Tgt Ion:112 Resp: 1503832
Ion Ratio Lower Upper
112 100
64 78.4 38.6 57.8#
63 51.5 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: 147.980 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011159.D

Acq: 07 Aug 2017 19:18

Instrument :

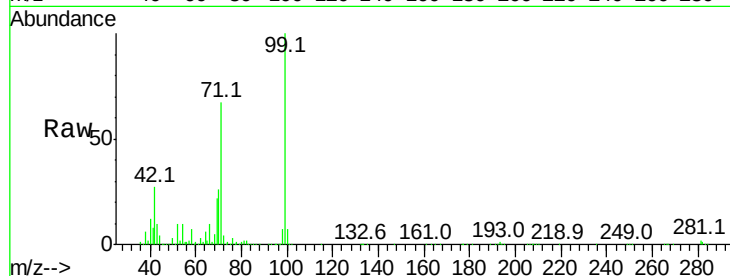
BNA_M

ClientSampleId :

EO-01-080317-A

Tot Ion: 99 Resp: 1949460

Ion	Ratio	Lower	Upper
99	100		
42	26.9	11.0	16.4#
71	66.8	23.4	35.2#

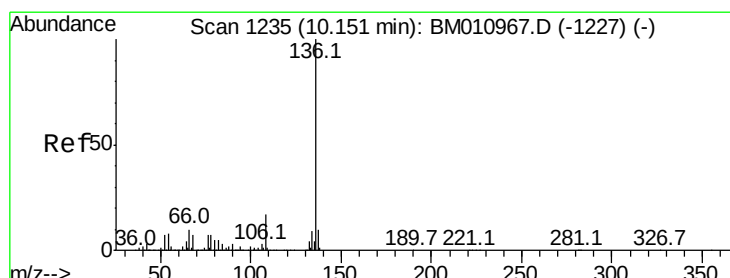
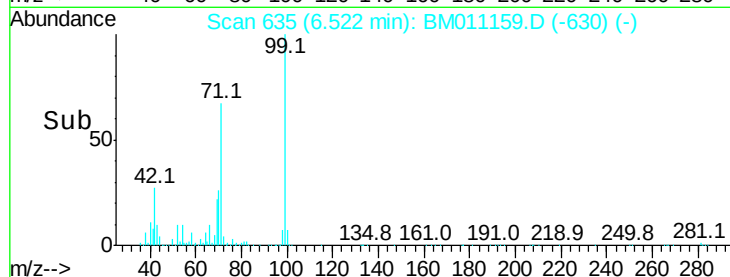
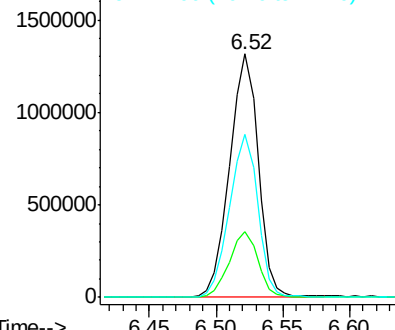


Abundance

Ion 99.00 (98.70 to 99.70): BM011159.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011159.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011159.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

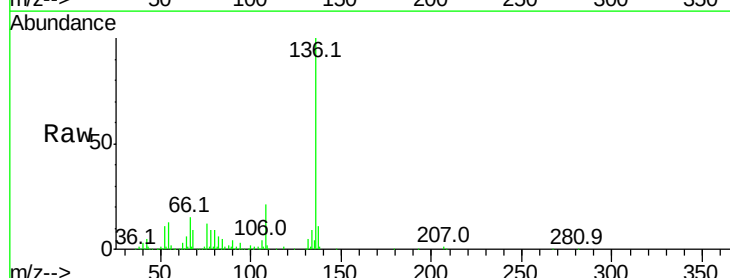
Delta R.T. -0.08 min

Lab File: BM011159.D

Acq: 07 Aug 2017 19:18

Tgt Ion: 136 Resp: 574765

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.7	4.6	6.8#
68	8.7	3.7	5.5#



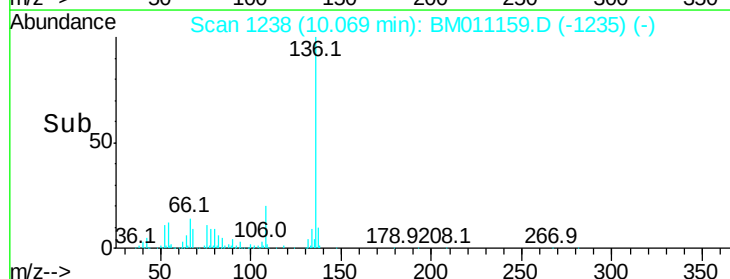
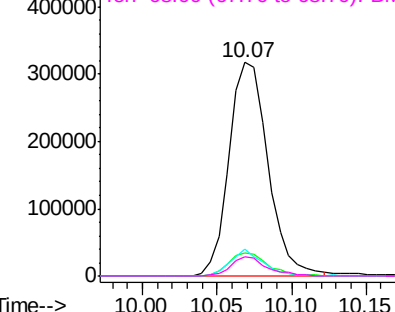
Abundance

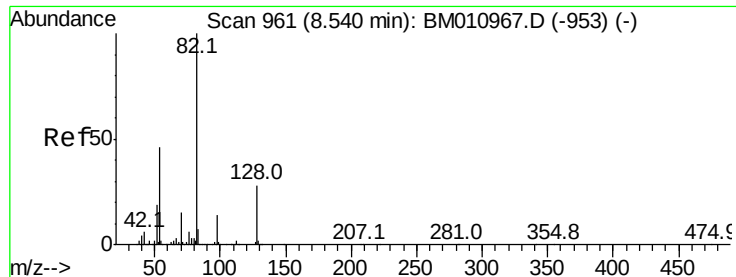
Ion 136.00 (135.70 to 136.70): BM011159.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011159.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011159.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011159.D (-1235) (-)



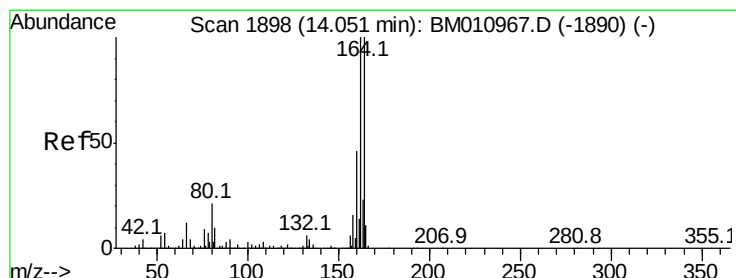
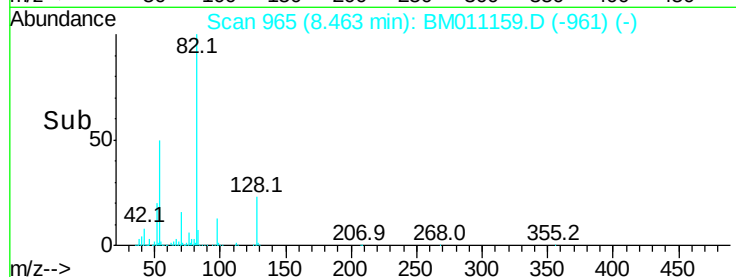
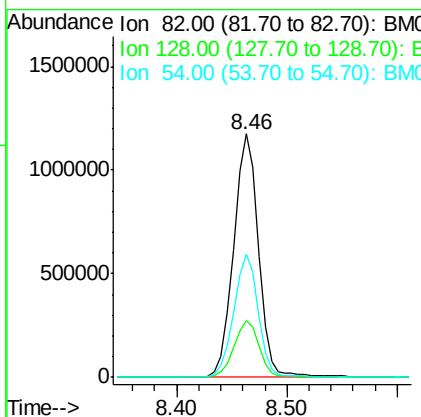
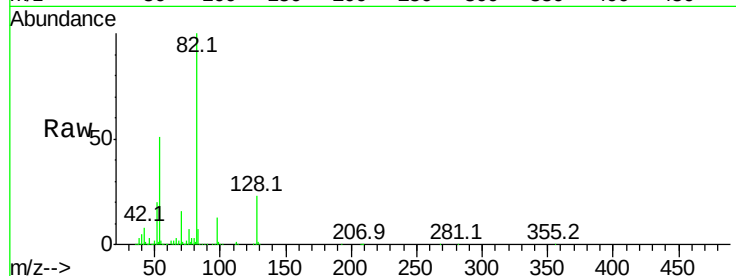


#23
Nitrobenzene-d5
Concen: 121.932 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011159.D
Acq: 07 Aug 2017 19:18

Instrument :
BNA_M
ClientSampleId :
EO-01-080317-A

Tot Ion: 82 Resp: 1867292

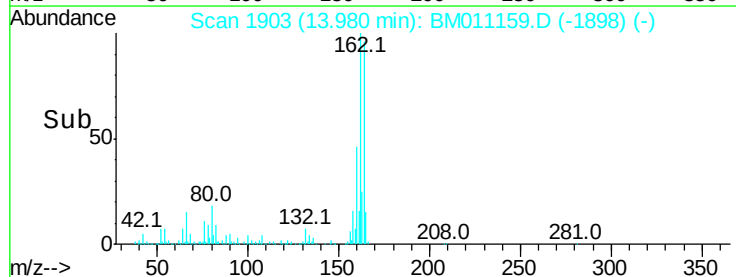
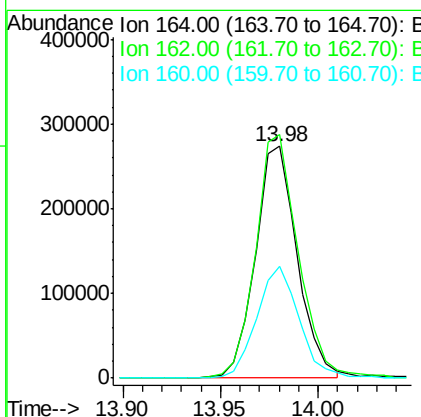
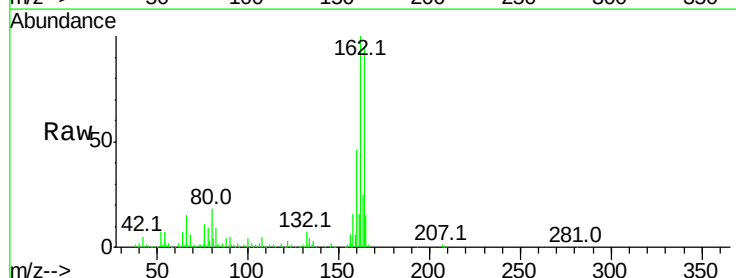
Ion	Ratio	Lower	Upper
82	100		
128	23.2	32.8	49.2#
54	50.8	40.6	60.8

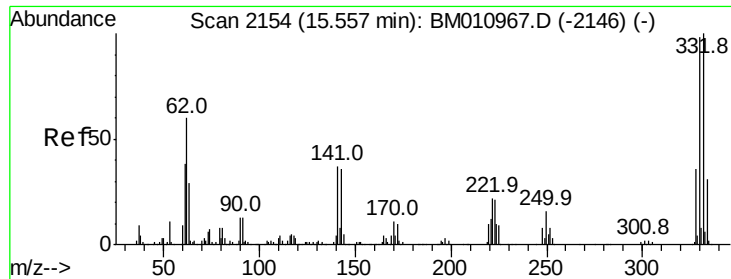


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011159.D
Acq: 07 Aug 2017 19:18

Tgt Ion:164 Resp: 405700

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	48.1	35.8	53.6

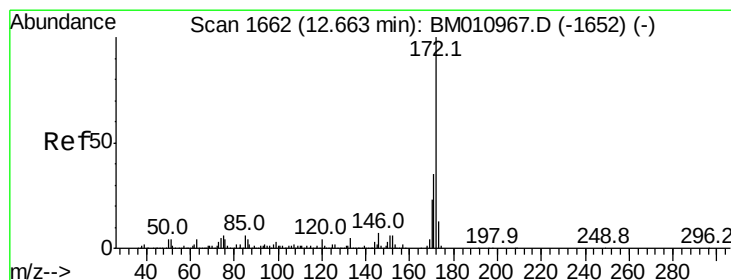
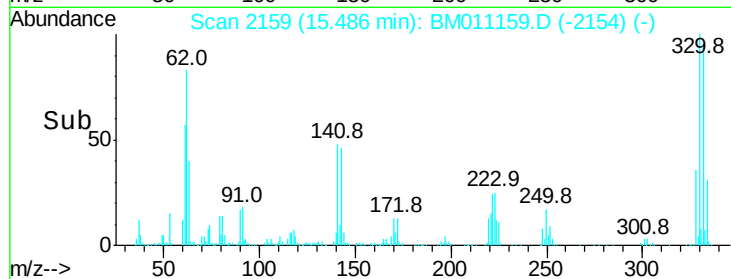
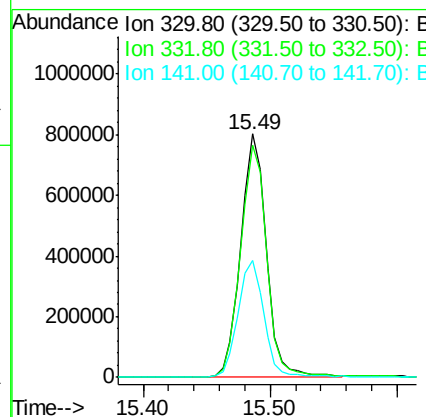
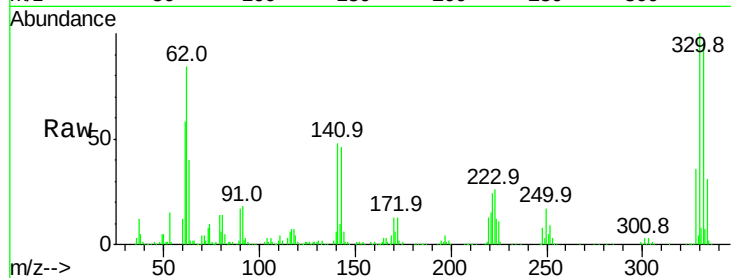




#41
 2,4,6-Tribromophenol
 Concen: 172.912 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011159.D
 Acq: 07 Aug 2017 19:18

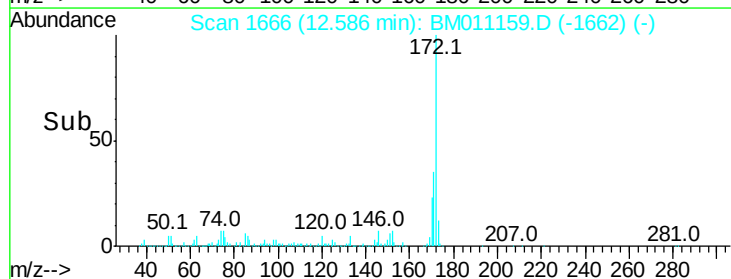
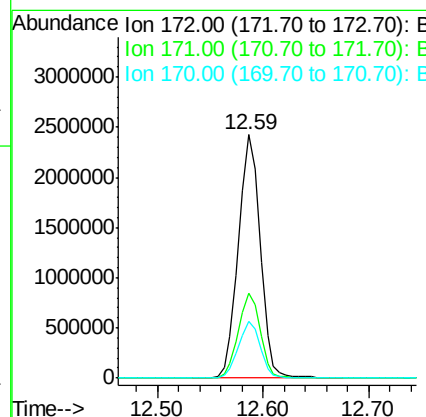
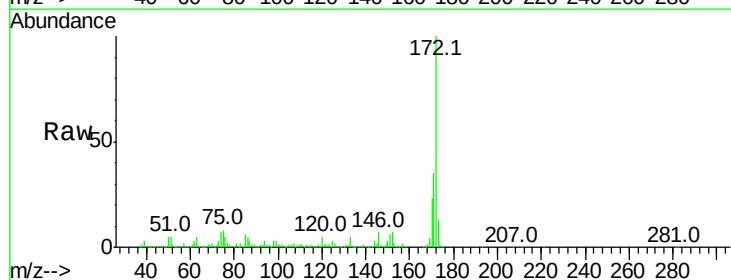
Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-A

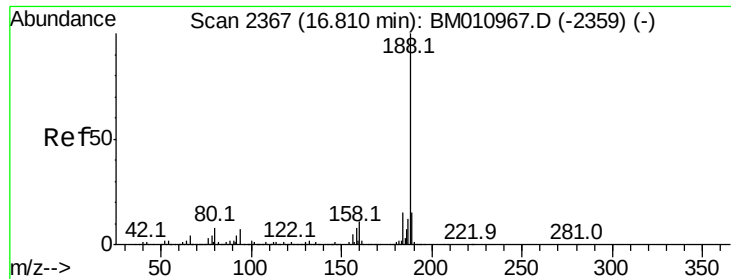
Tot Ion:330 Resp: 1124364
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 48.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 107.041 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011159.D
 Acq: 07 Aug 2017 19:18

Tgt Ion:172 Resp: 3462668
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.1 18.8 28.2

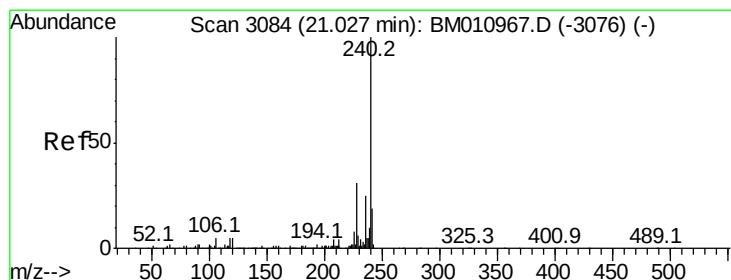
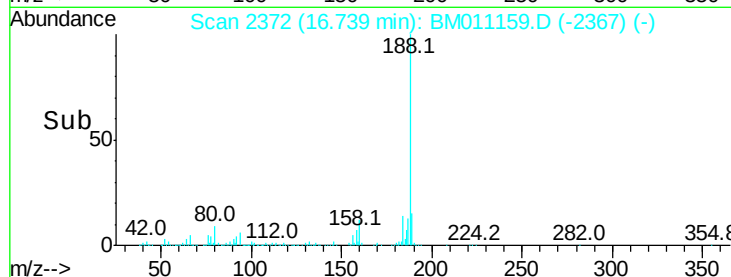
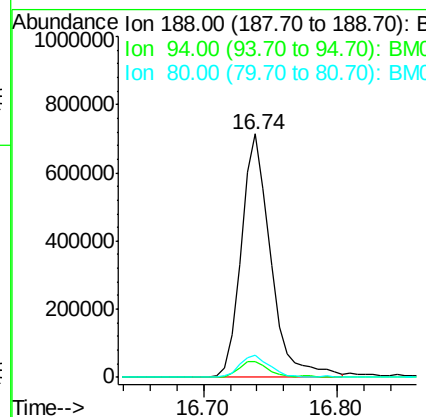
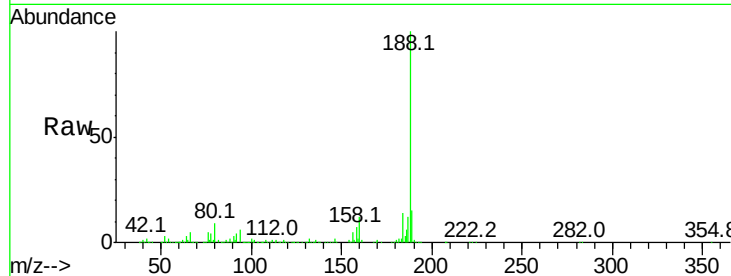




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011159.D
Acq: 07 Aug 2017 19:18

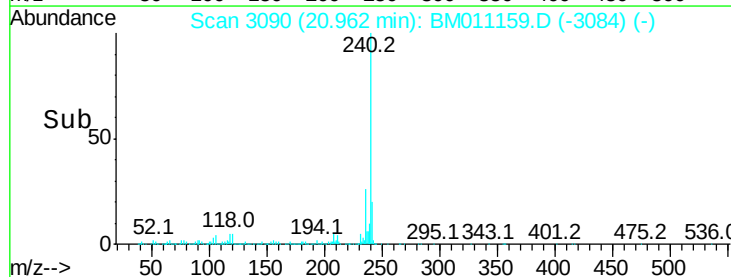
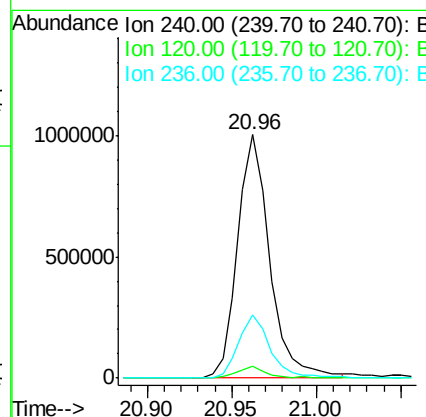
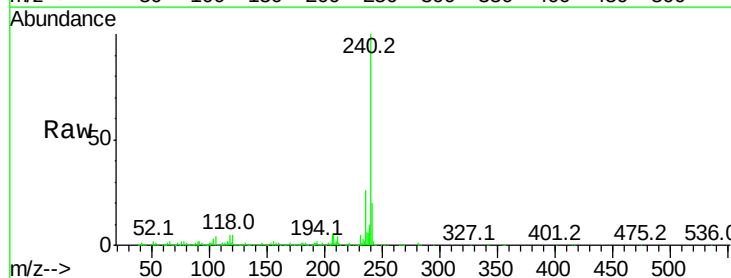
Instrument :
BNA_M
ClientSampleId :
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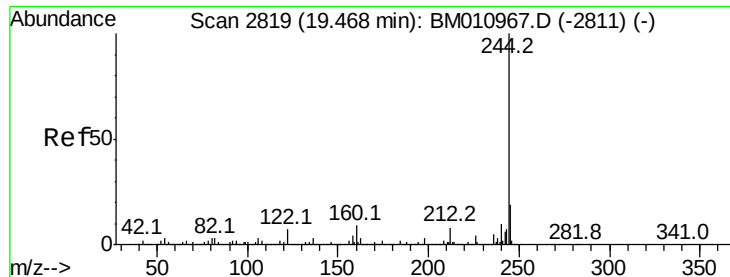
Tot Ion:188 Resp: 1090327
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011159.D
Acq: 07 Aug 2017 19:18

Tgt Ion:240 Resp: 1334504
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 109.234 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011159.D

Acq: 07 Aug 2017 19:18

Instrument :

BNA_M

ClientSampleId :

EO-01-080317-A

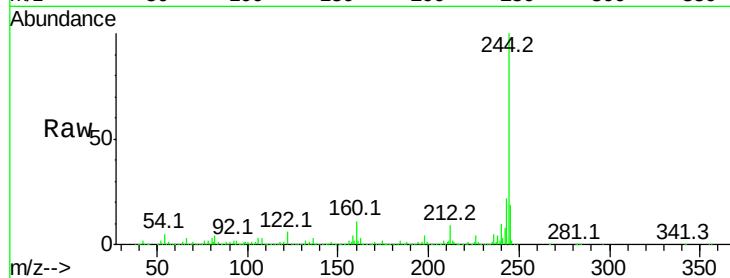
Tot Ion:244 Resp: 7359027

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

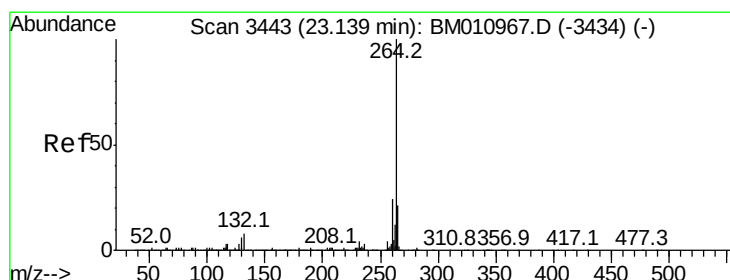
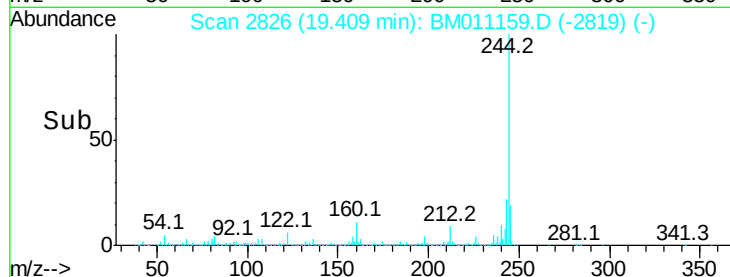
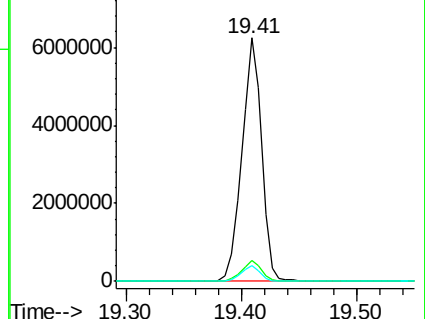
122 6.5 6.2 9.4



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: 20.000 ng

RT: 23.04 min Scan# 3444

Delta R.T. -0.09 min

Lab File: BM011159.D

Acq: 07 Aug 2017 19:18

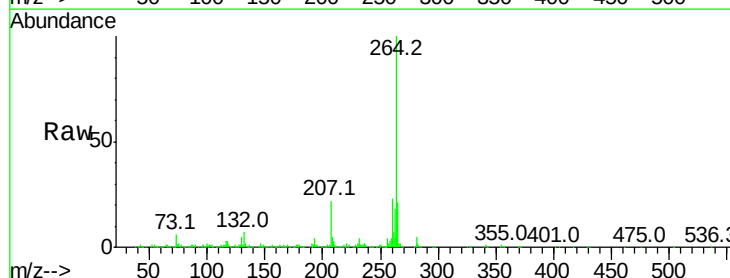
Tgt Ion:264 Resp: 1075688

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.4 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

