

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011461.D
 Acq On : 07 Sep 2017 19:04
 Operator : SJ/JU
 Sample : I5105-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517

Quant Time: Sep 08 08:19:05 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	7.98	152	358865	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1450935	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	752843	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	1632122	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	1809875	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1609372	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3373681	158.24	ng	0.00
7) Phenol-d6	7.13	99	4013416	135.76	ng	0.00
23) Nitrobenzene-d5	9.15	82	2566255	116.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1317520	151.26	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	5741492	109.93	ng	-0.02
78) Terphenyl-d14	19.96	244	8121997	111.35	ng	-0.02

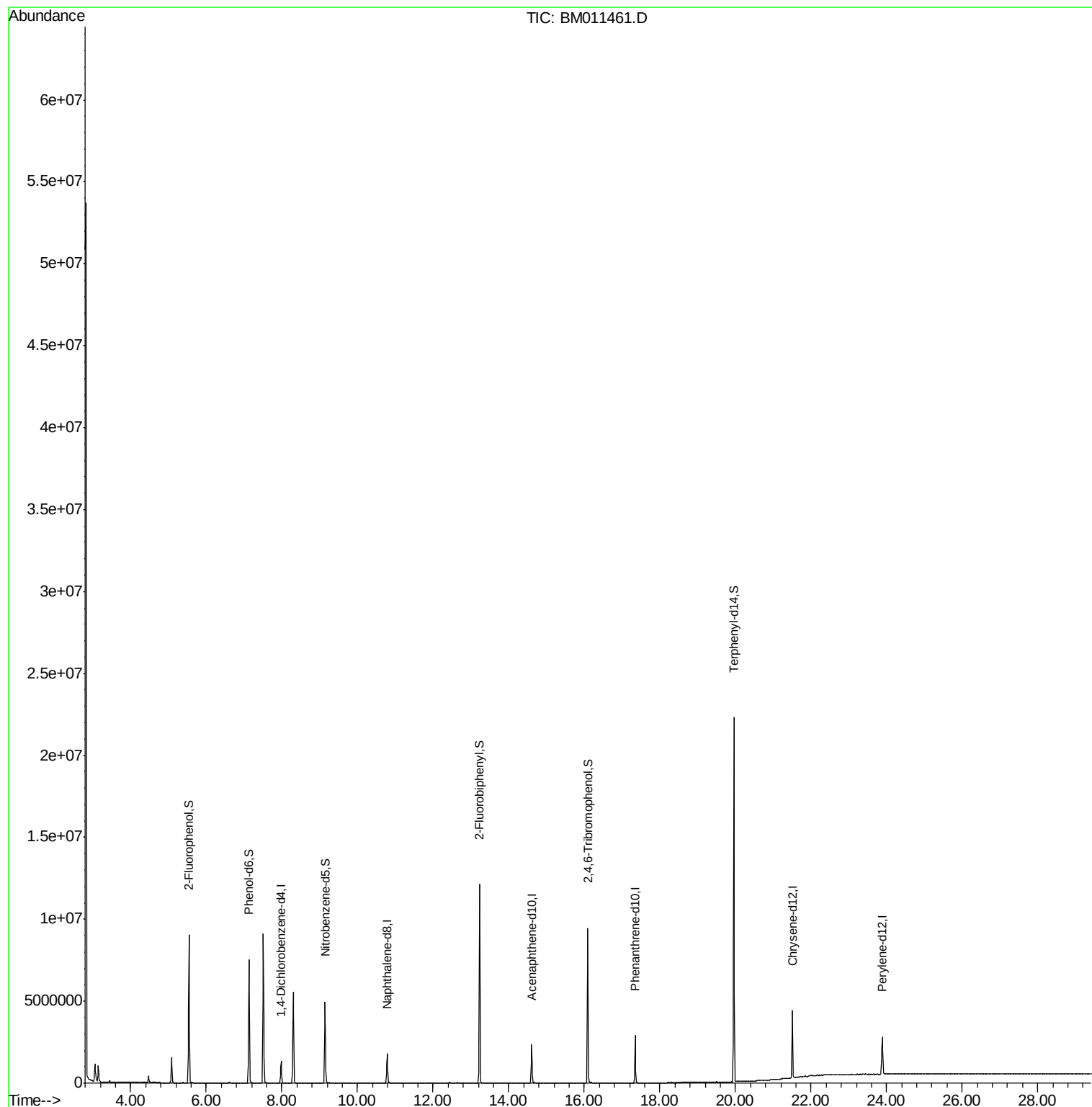
Target Compounds Qvalue

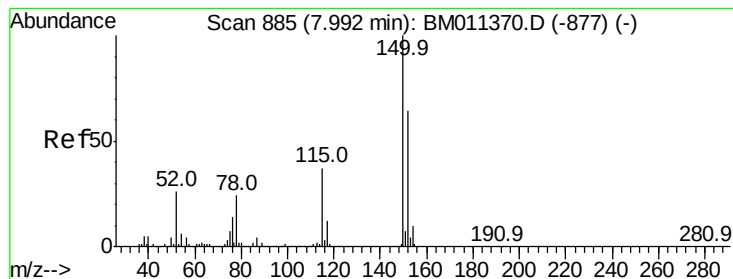
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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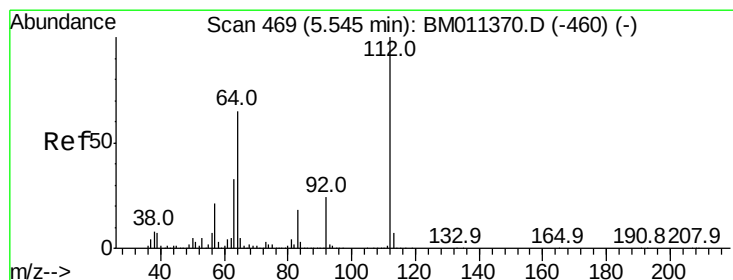
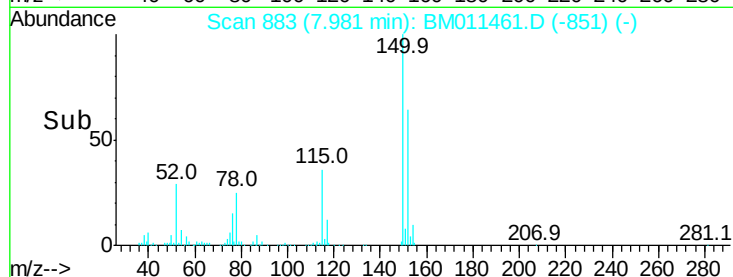
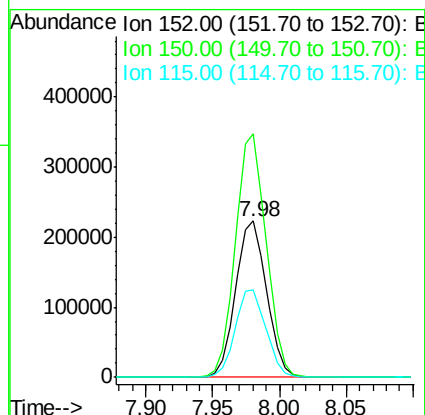
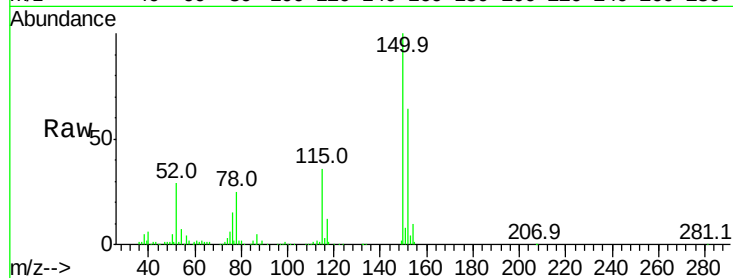


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Instrument :
BNA_M
ClientSampleId :
OK-02-090517

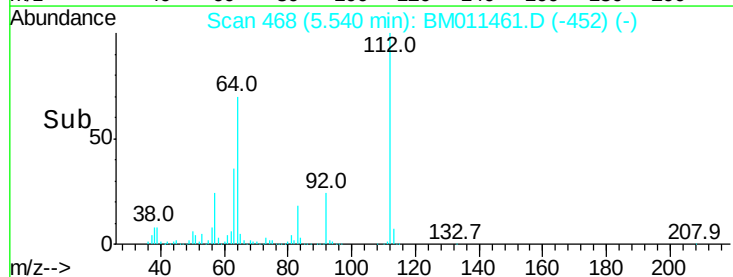
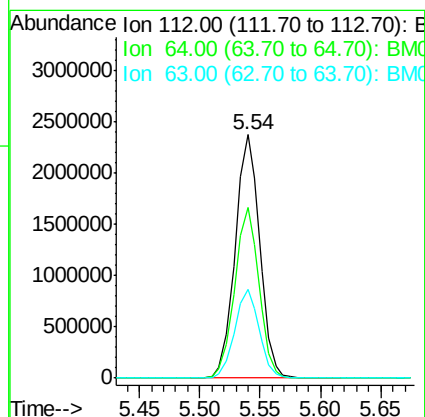
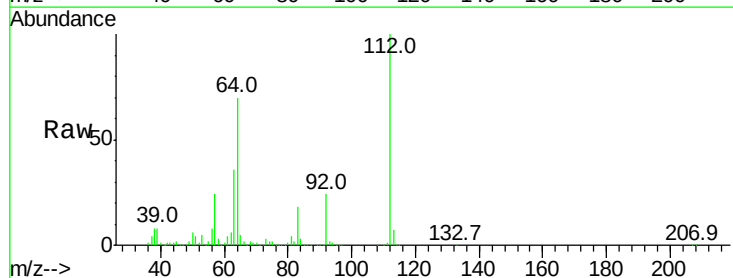
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	56.1	43.0	64.4

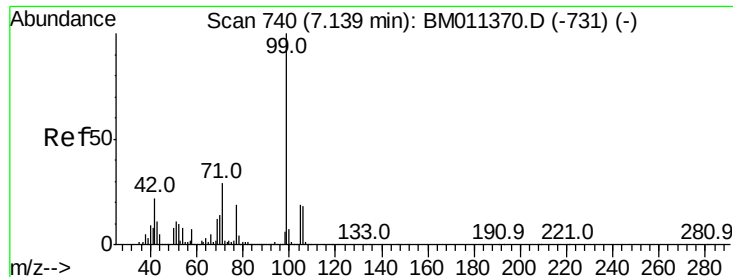


#5

2-Fluorophenol
Concen: 158.244 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	38.6	57.8#
63	36.3	19.3	28.9#





#7

Phenol-d6

Concen: 135.763 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Instrument :

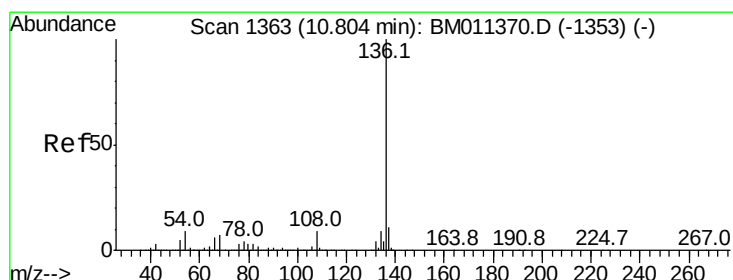
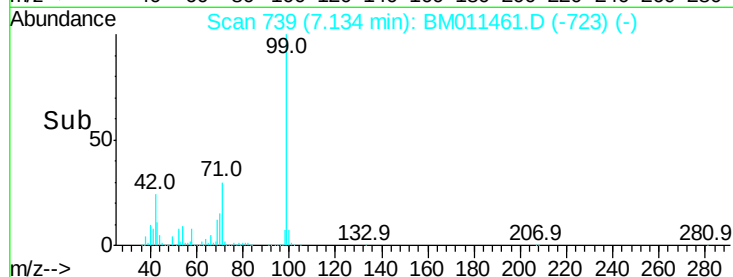
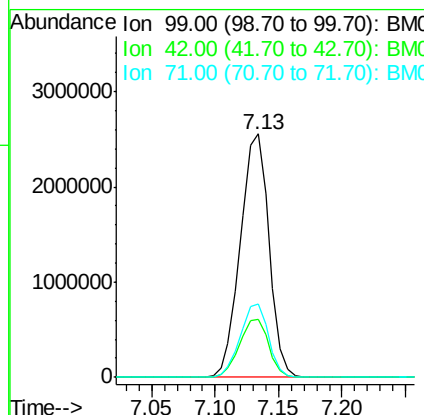
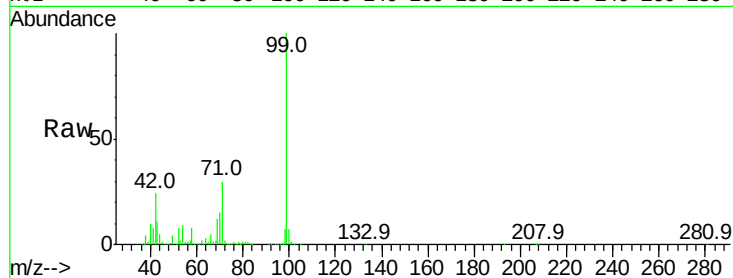
BNA_M

ClientSampleId :

OK-02-090517

Tot Ion: 99 Resp: 4013416

Ion	Ratio	Lower	Upper
99	100		
42	24.1	11.0	16.4#
71	30.1	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

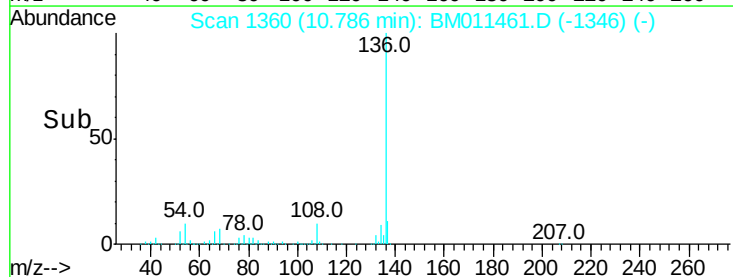
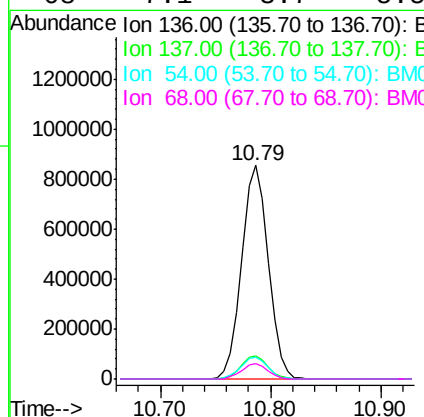
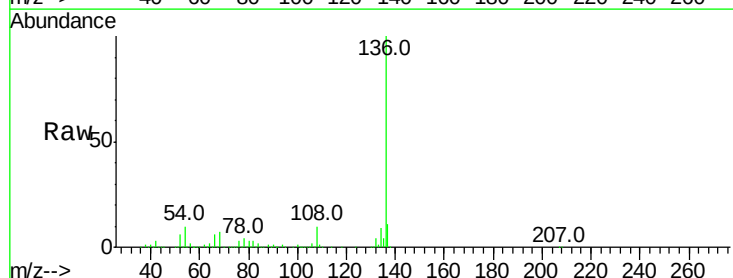
Delta R.T. -0.02 min

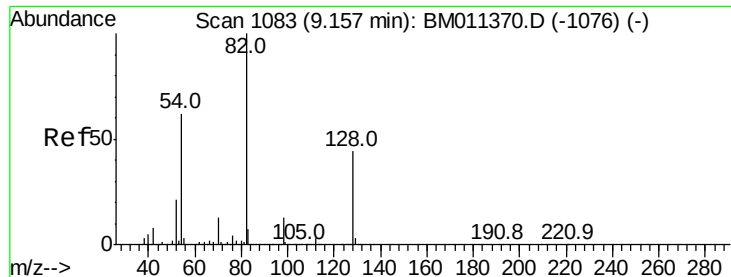
Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Tgt Ion: 136 Resp: 1450935

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.3	4.6	6.8#
68	7.1	3.7	5.5#



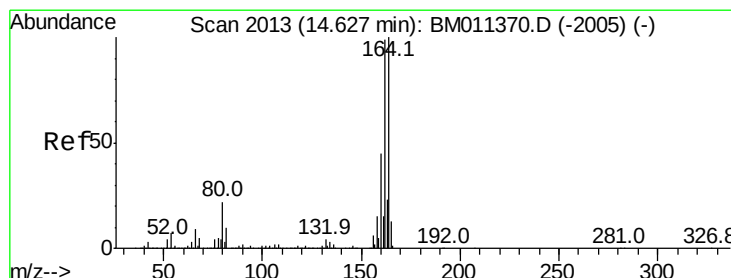
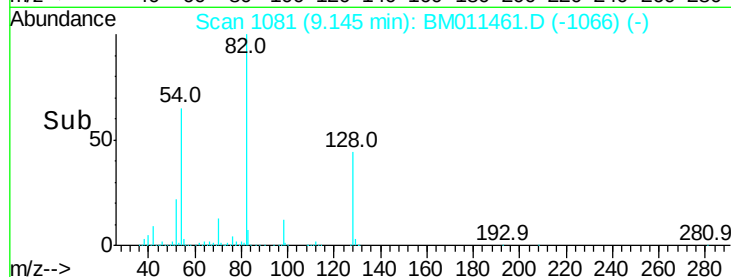
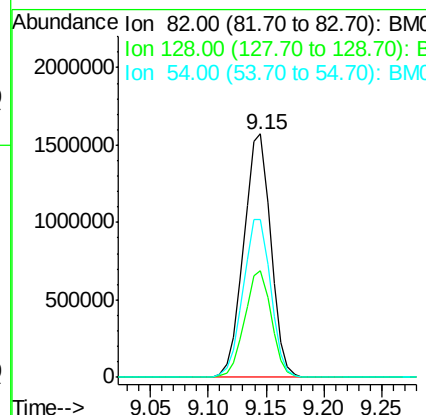
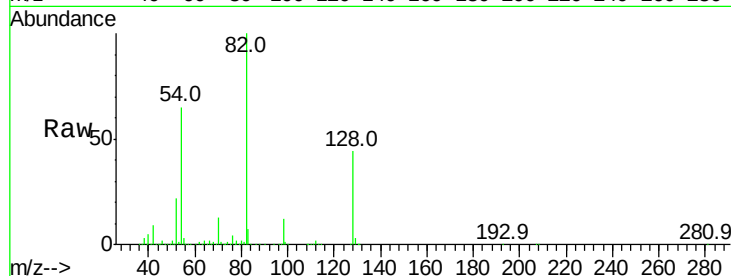


#23
 Nitrobenzene-d5
 Concen: 116.554 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011461.D
 Acq: 07 Sep 2017 19:04

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517

Tot Ion: 82 Resp: 2566255

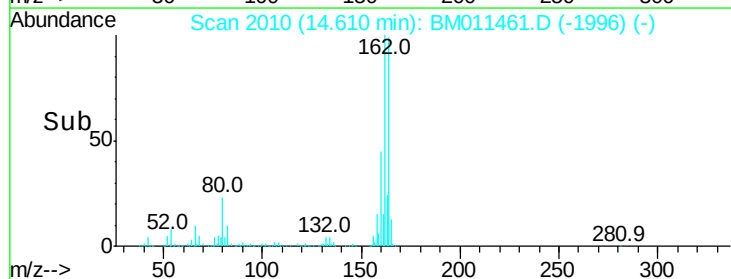
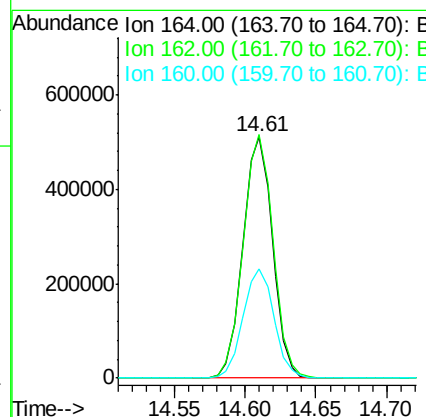
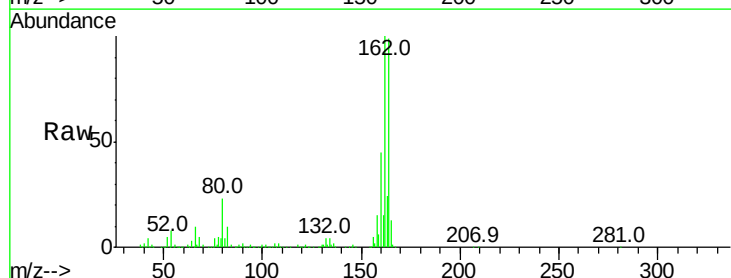
Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.8	49.2
54	65.1	40.6	60.8#

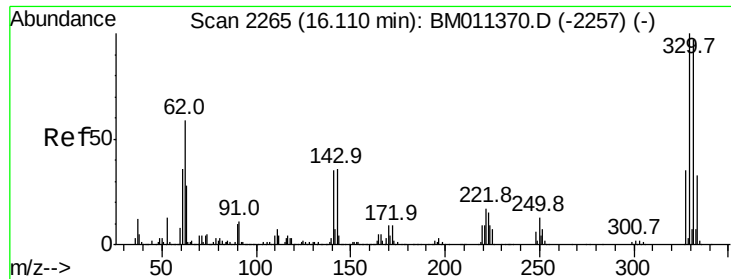


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011461.D
 Acq: 07 Sep 2017 19:04

Tgt Ion: 164 Resp: 752843

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	45.1	35.8	53.6

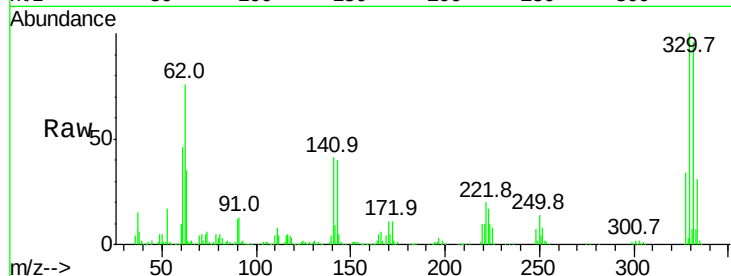




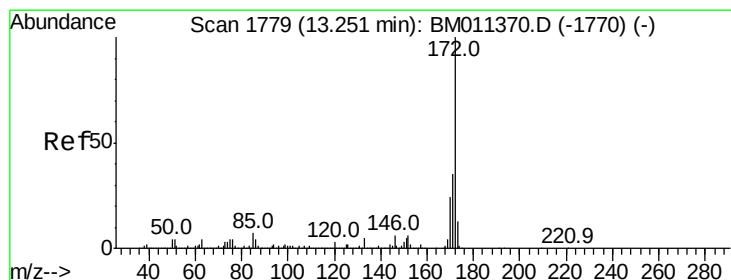
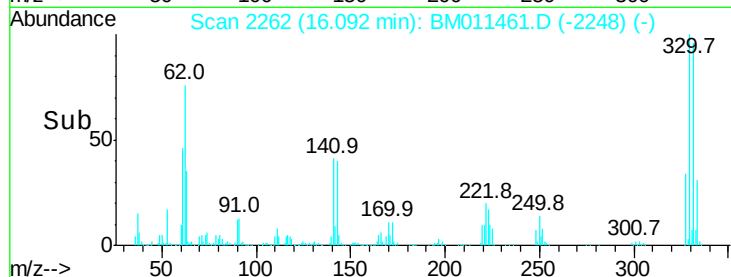
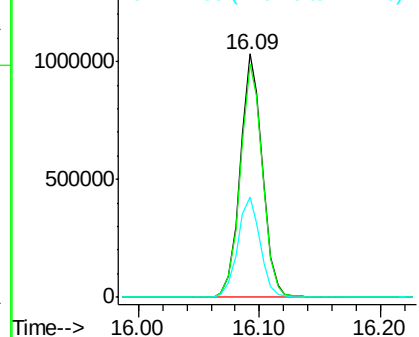
#41
 2,4,6-Tribromophenol
 Concen: 151.264 ng
 RT: 16.09 min Scan# 2262
 Delta R.T. -0.02 min
 Lab File: BM011461.D
 Acq: 07 Sep 2017 19:04

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517

Tot Ion:330 Resp: 1317520
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 42.1 0.0 0.0#

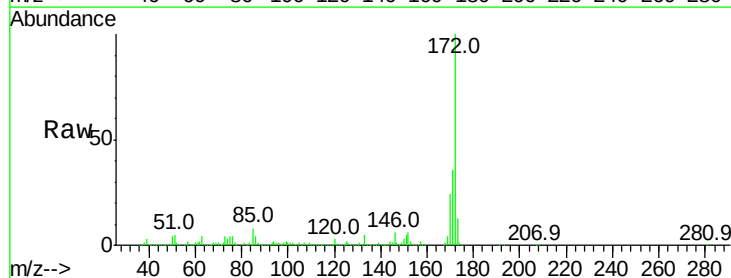


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

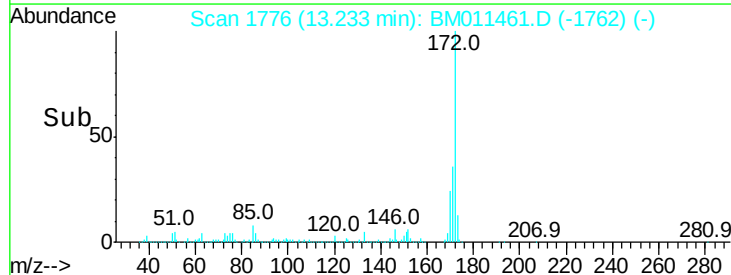
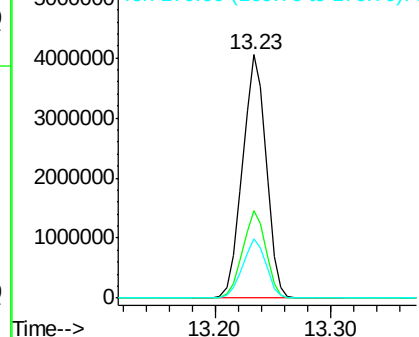


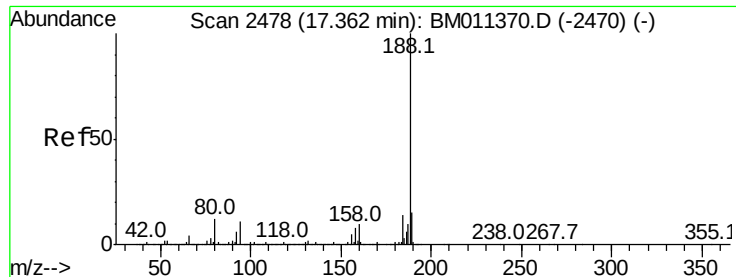
#44
 2-Fluorobiphenyl
 Concen: 109.933 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011461.D
 Acq: 07 Sep 2017 19:04

Tgt Ion:172 Resp: 5741492
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.1 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



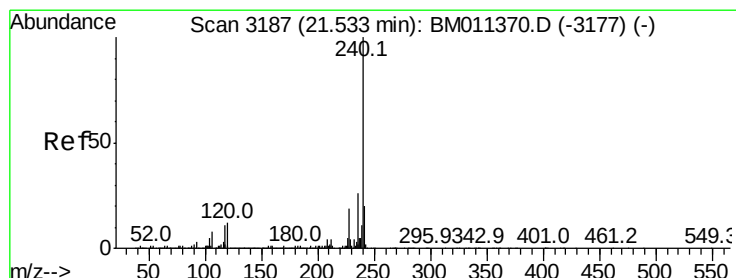
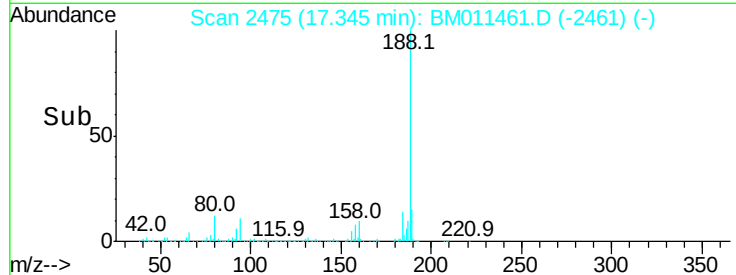
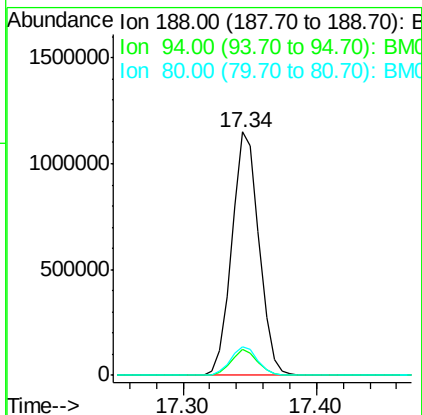
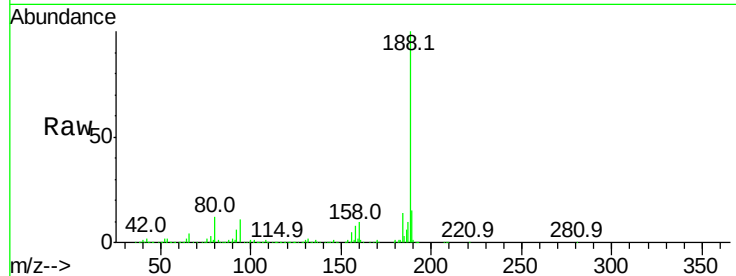


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Instrument :
BNA_M
ClientSampleId :
OK-02-090517

Tot Ion:188 Resp: 1632122

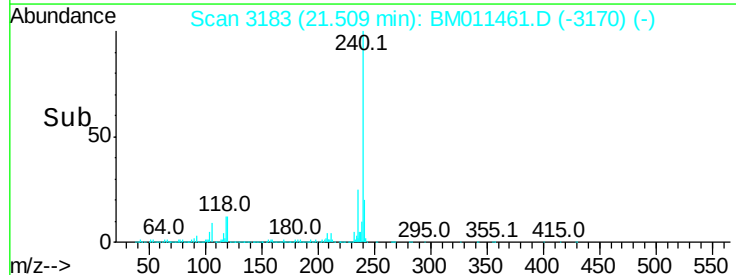
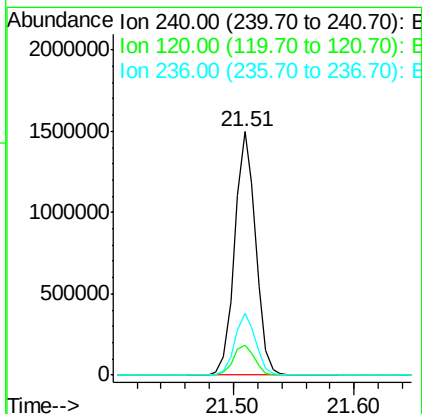
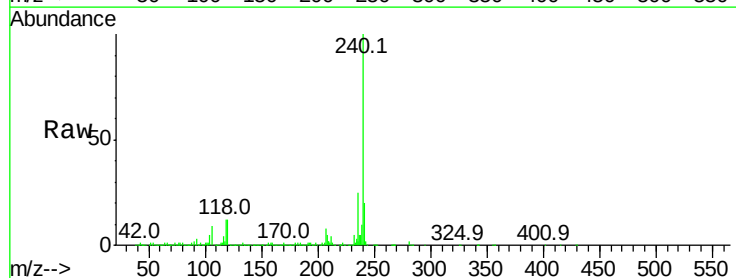
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	11.6	9.3	13.9

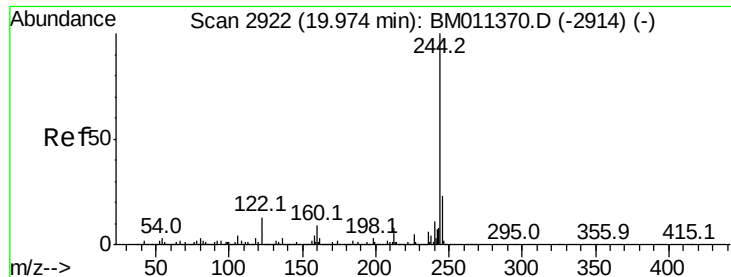


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Tgt Ion:240 Resp: 1809875

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.2	12.2#
236	25.2	20.0	30.0





#78

Terphenyl-d14

Concen: 111.347 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Instrument :

BNA_M

ClientSampleId :

OK-02-090517

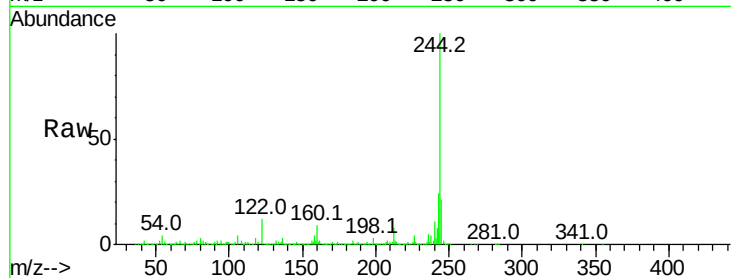
Tot Ion:244 Resp: 8121997

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

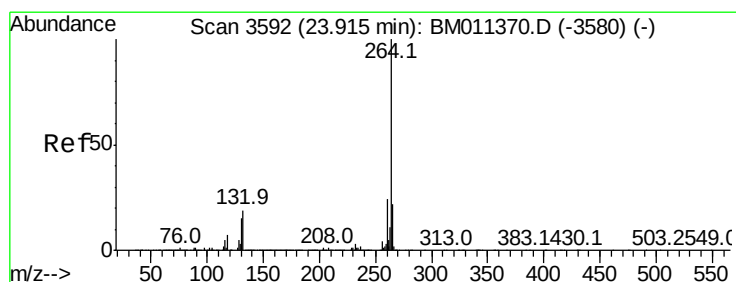
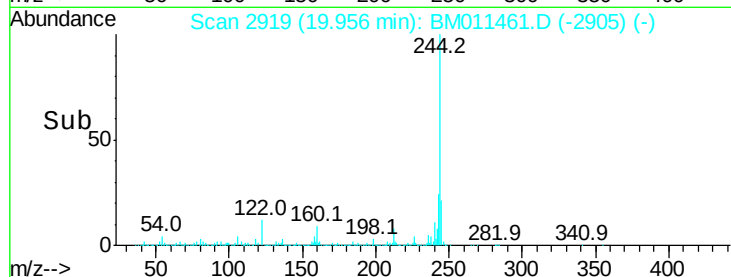
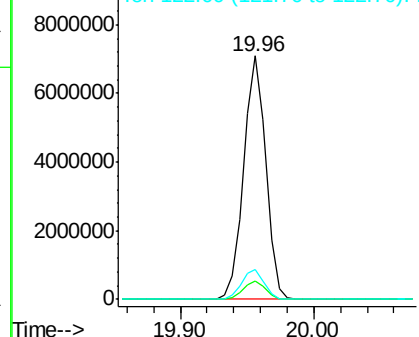
122 12.2 6.2 9.4#



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: 23.89 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

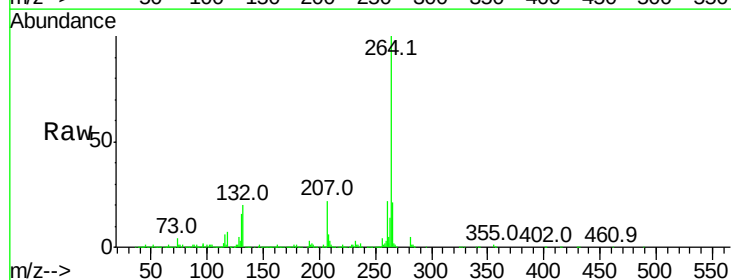
Tgt Ion:264 Resp: 1609372

Ion Ratio Lower Upper

264 100

260 22.4 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

