

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011080.D
 Acq On : 01 Aug 2017 13:49
 Operator : SJ/JU
 Sample : I4476-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVE

Quant Time: Aug 01 16:16:09 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

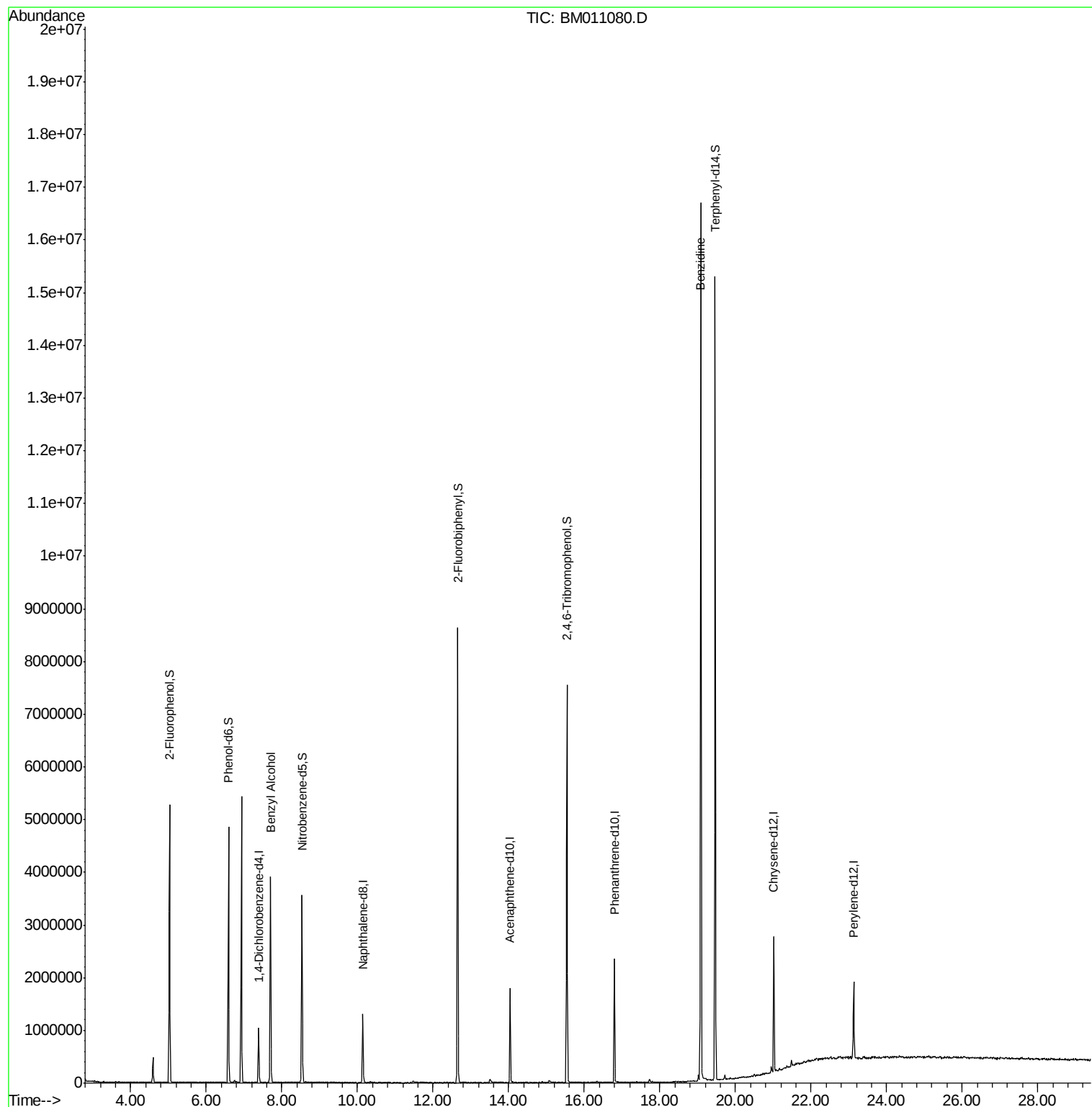
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	203640	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	779398	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	503284	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1203693	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1210042	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1026389	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1600847	132.89	ng	0.00
7) Phenol-d6	6.59	99	2108665	123.20	ng	0.00
23) Nitrobenzene-d5	8.53	82	2026018	97.56	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	1054882	130.77	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3616058	90.11	ng	-0.01
78) Terphenyl-d14	19.46	244	5681245	93.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	34109	2.077	ng	Qvalue # 47
76) Benzidine	19.09	184	7864189	271.670	ng	99

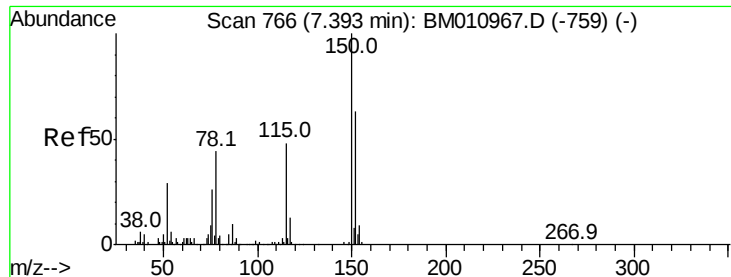
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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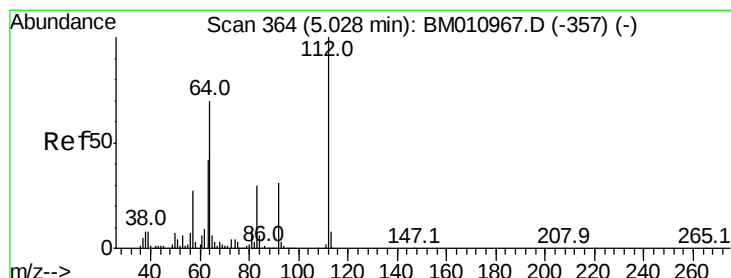
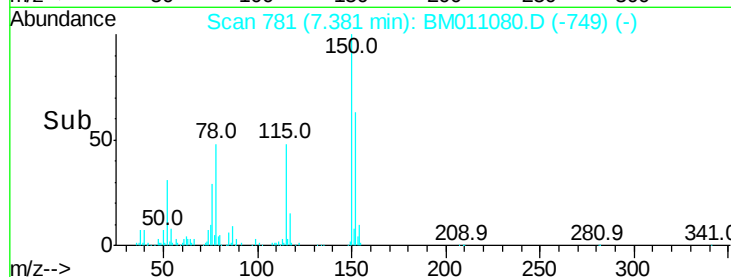
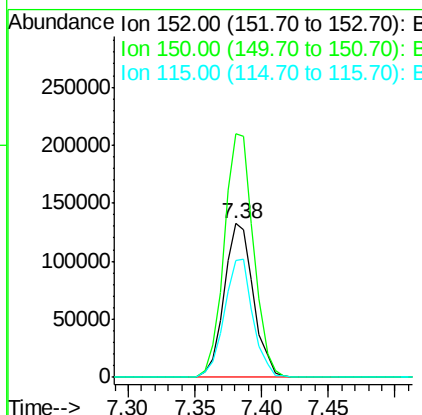
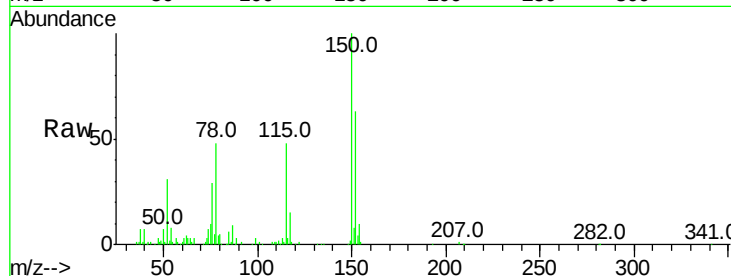


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011080.D
Acq: 01 Aug 2017 13:49

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVE

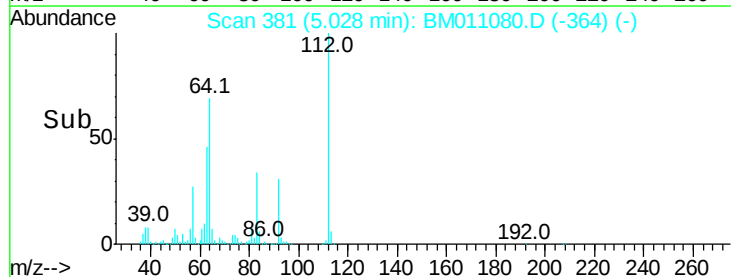
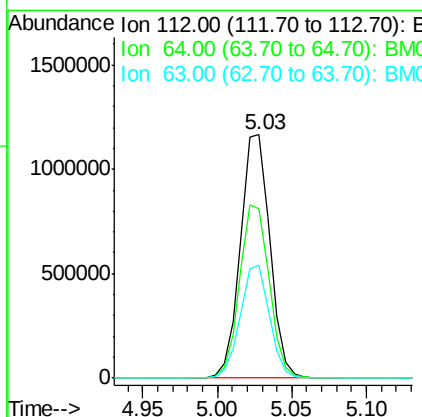
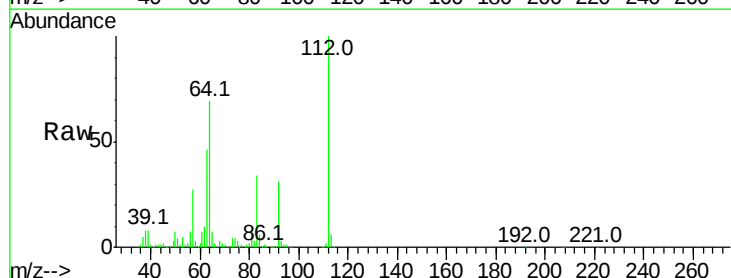
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	119.5	179.3
115	75.9	43.0	64.4

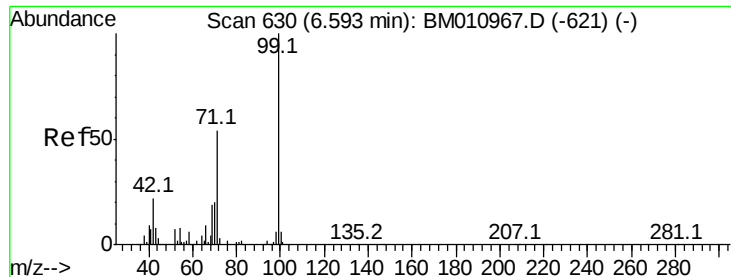


#5

2-Fluorophenol
Concen: 132.888 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011080.D
Acq: 01 Aug 2017 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	38.6	57.8
63	46.2	19.3	28.9





#7

Phenol-d6

Concen: 123.199 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011080.D

Acq: 01 Aug 2017 13:49

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVE

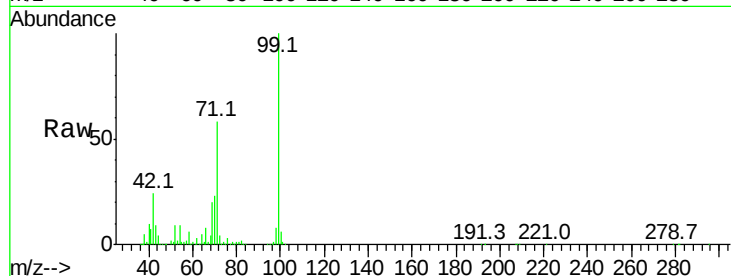
Tot Ion: 99 Resp: 2108665

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

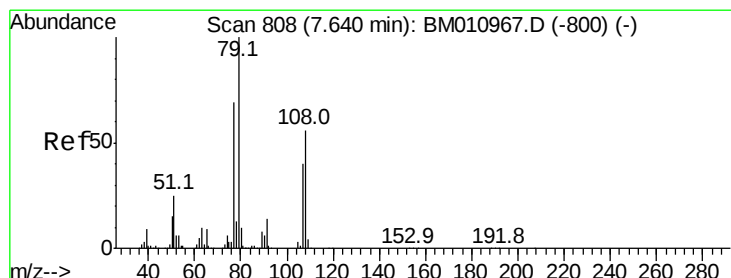
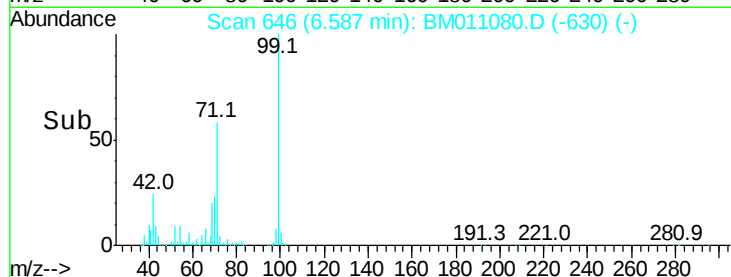
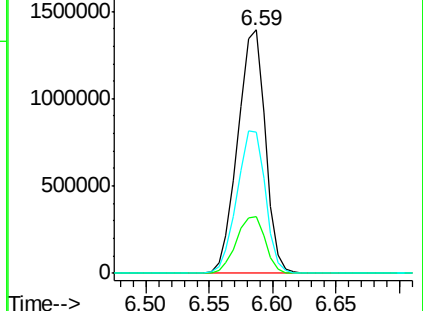
71 57.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011080.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011080.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011080.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011080.D

Acq: 01 Aug 2017 13:49

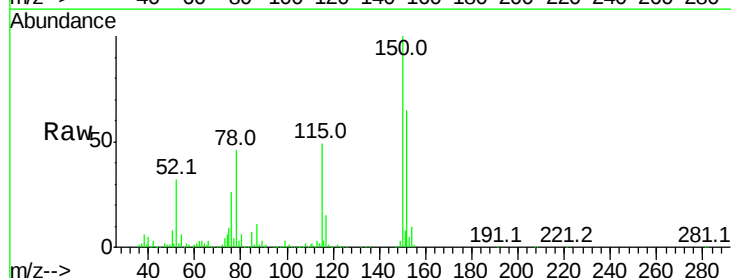
Tgt Ion: 79 Resp: 34109

Ion Ratio Lower Upper

79 100

108 46.8 65.0 97.4#

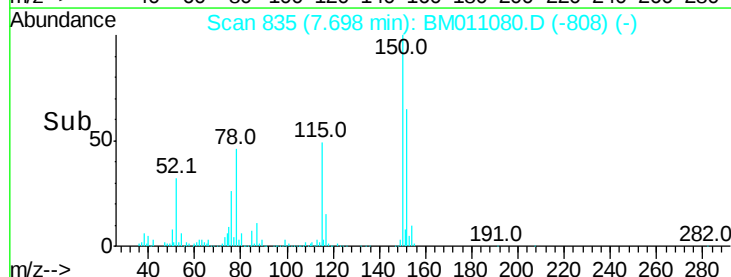
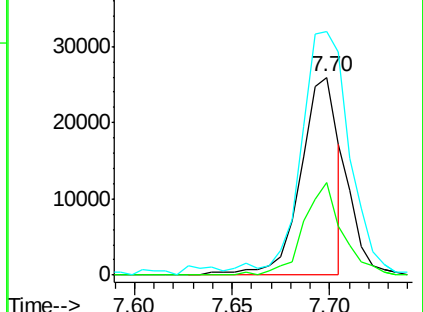
77 123.2 53.0 79.6#

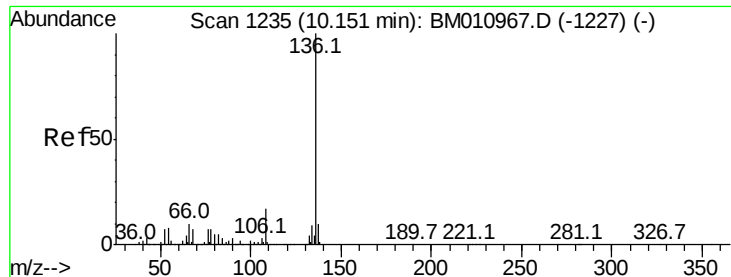


Abundance Ion 79.00 (78.70 to 79.70): BM011080.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011080.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011080.D (-808) (-)

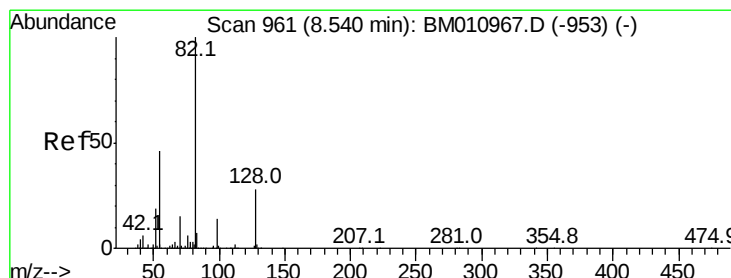
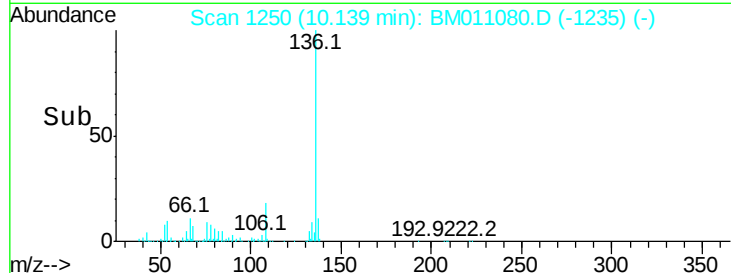
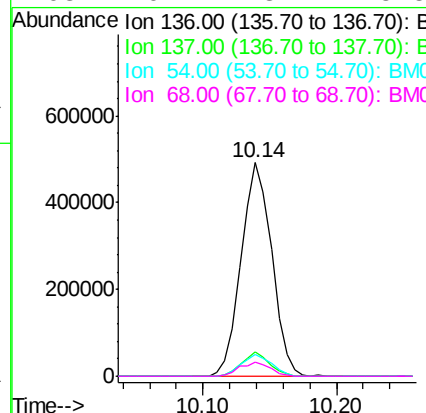
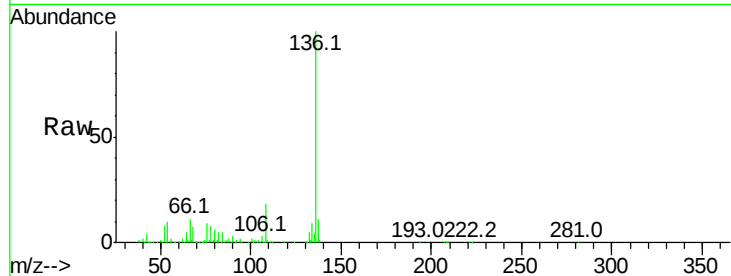




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011080.D
Acq: 01 Aug 2017 13:49

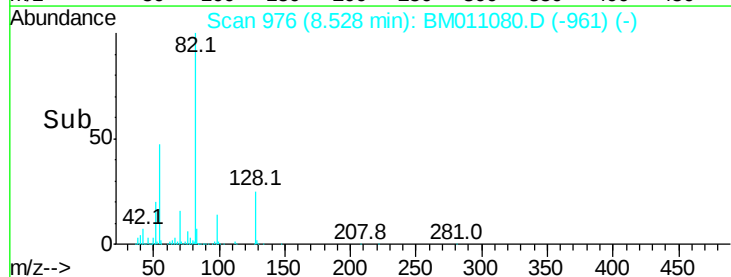
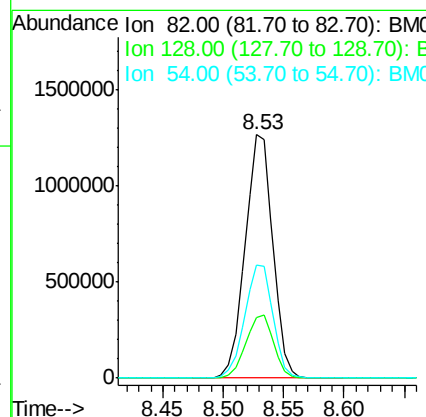
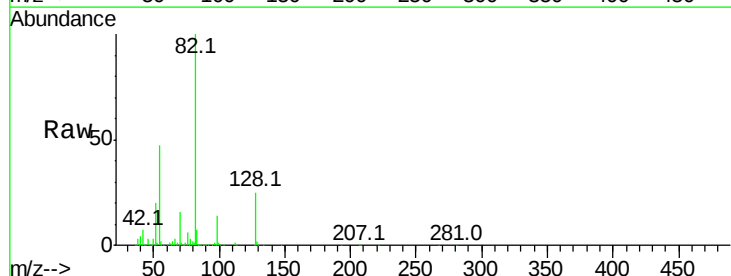
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVE

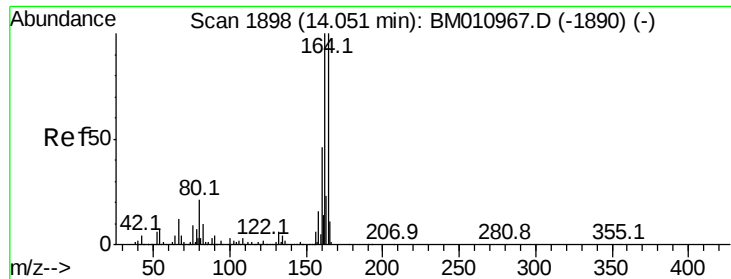
Tot Ion:136	Resp:	779398
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	10.1	4.6 6.8#
68	6.7	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 97.562 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011080.D
Acq: 01 Aug 2017 13:49

Tgt Ion: 82	Resp:	2026018
Ion	Ratio	Lower Upper
82	100	
128	25.1	32.8 49.2#
54	46.6	40.6 60.8

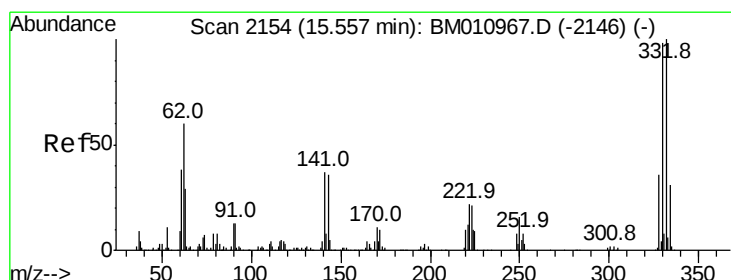
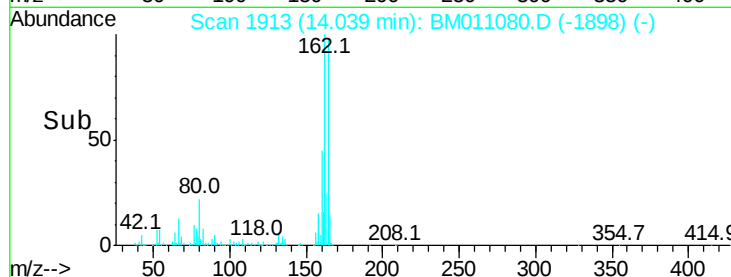
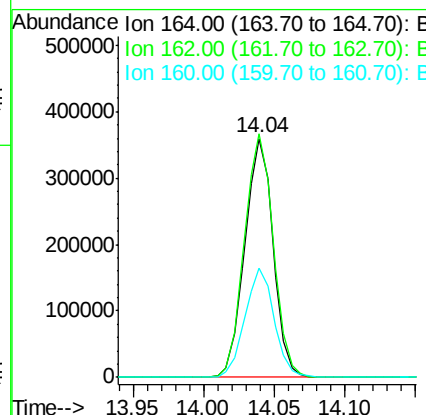
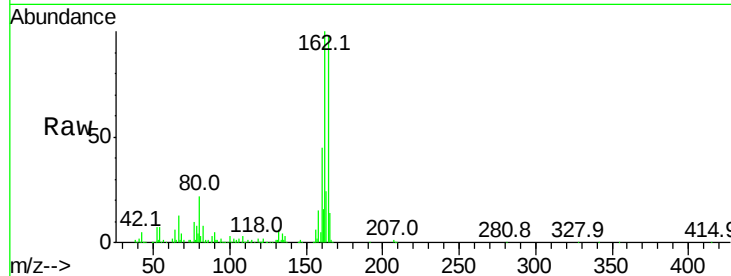




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011080.D
 Acq: 01 Aug 2017 13:49

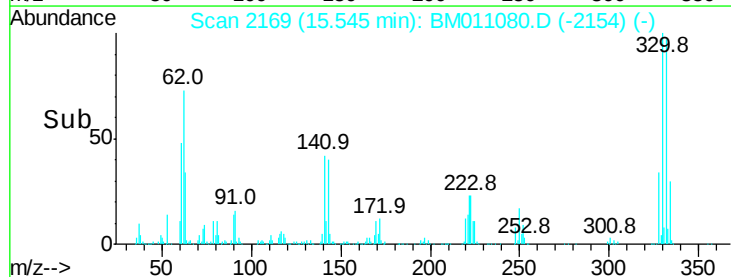
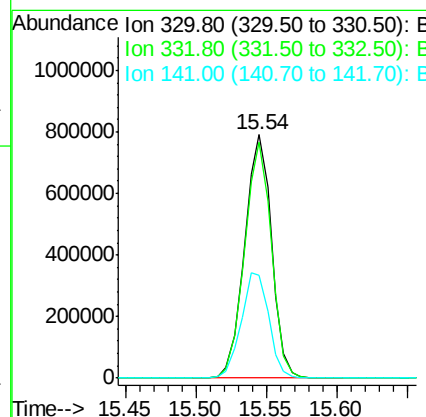
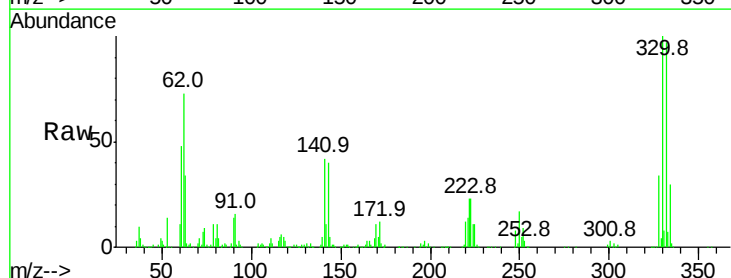
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVE

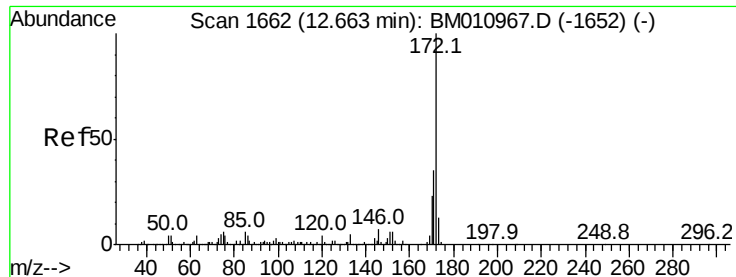
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	46.0	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: 130.772 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011080.D
 Acq: 01 Aug 2017 13:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	44.5	0.0	0.0#



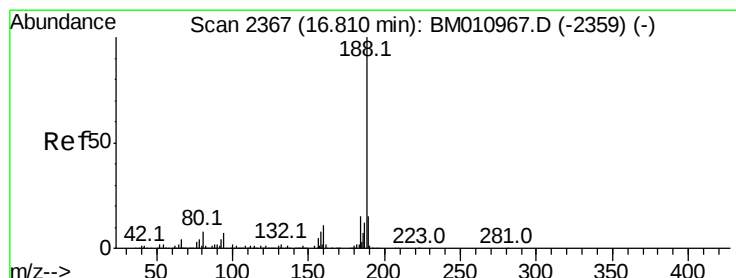
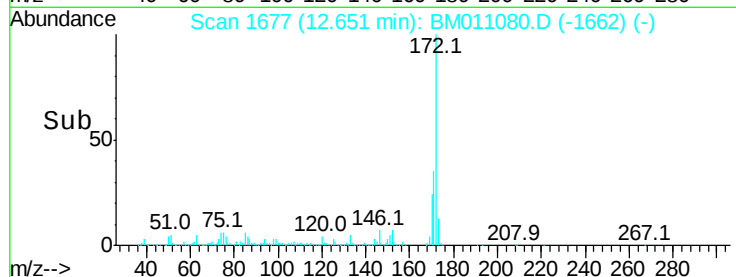
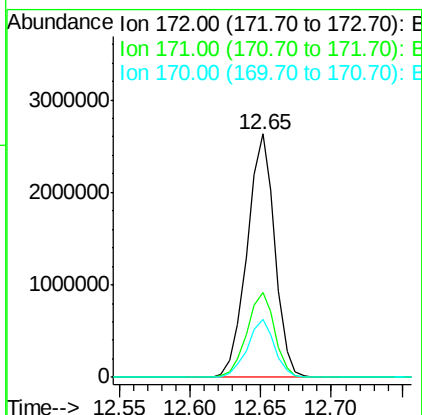
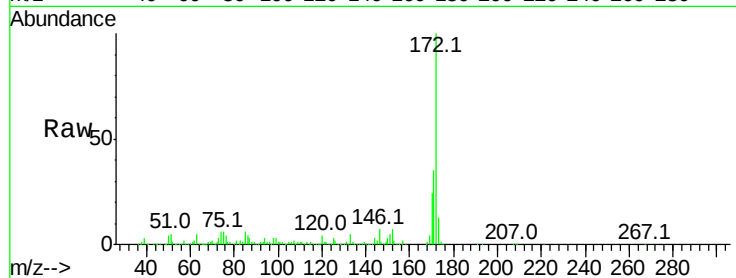


#44
 2-Fluorobiphenyl
 Concen: 90.109 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011080.D
 Acq: 01 Aug 2017 13:49

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVE

Tot Ion:172 Resp: 3616058

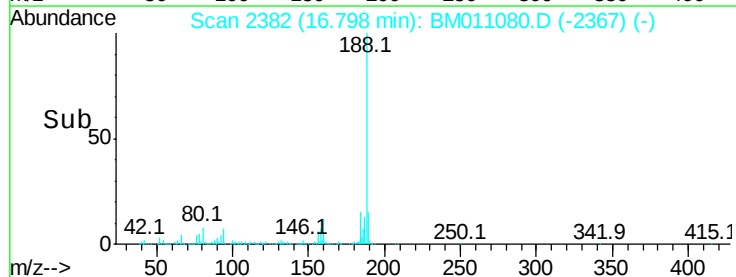
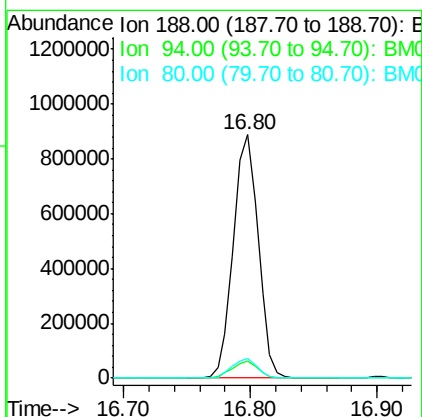
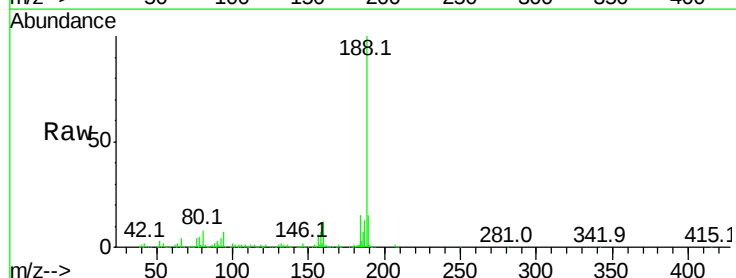
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.8	18.8	28.2

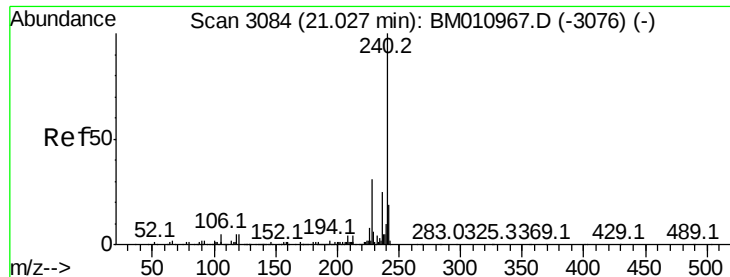


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM011080.D
 Acq: 01 Aug 2017 13:49

Tgt Ion:188 Resp: 1203693

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	8.0	9.3	13.9#

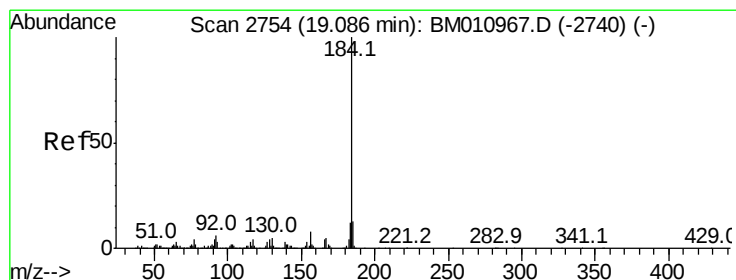
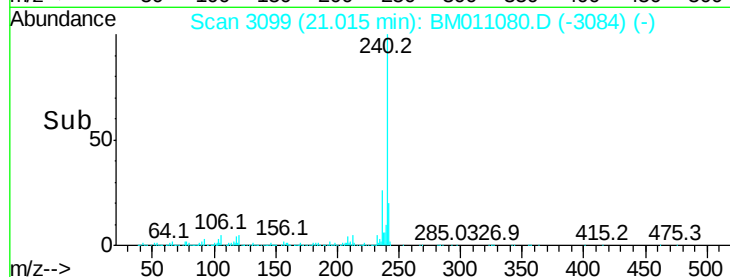
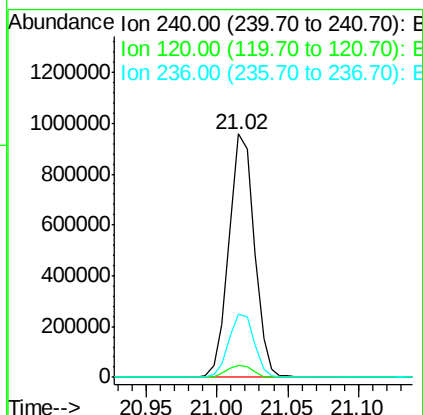
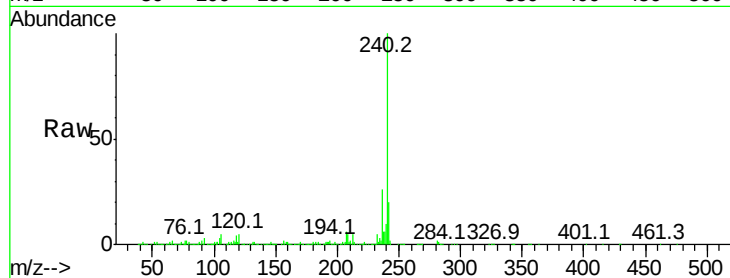




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011080.D
 Acq: 01 Aug 2017 13:49

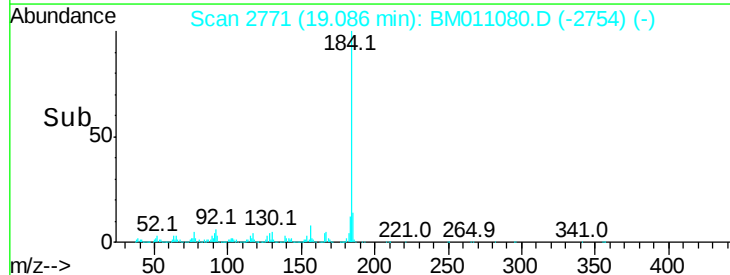
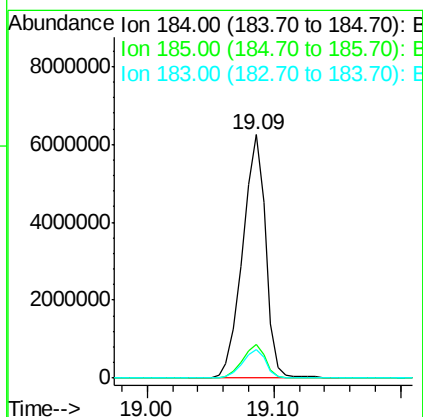
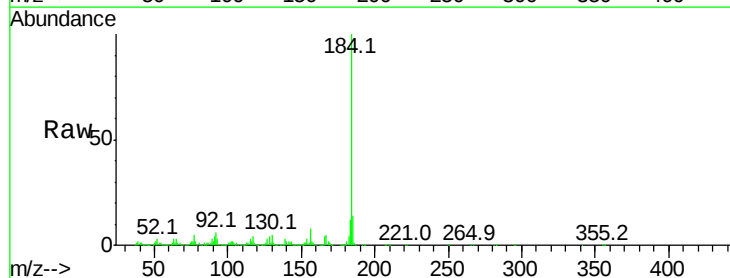
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVE

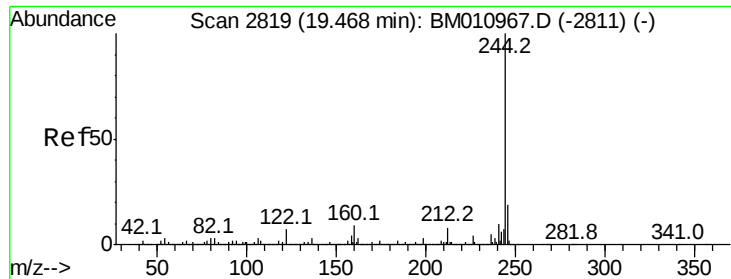
Tot Ion:240 Resp: 1210042
 Ion Ratio Lower Upper
 240 100
 120 5.1 8.2 12.2#
 236 26.0 20.0 30.0



#76
 Benzidine
 Concen: 271.670 ng
 RT: 19.09 min Scan# 2771
 Delta R.T. -0.00 min
 Lab File: BM011080.D
 Acq: 01 Aug 2017 13:49

Tgt Ion:184 Resp: 7864189
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.3 16.9
 183 11.8 8.9 13.3





#78

Terphenyl-d14

Concen: 93.003 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011080.D

Acq: 01 Aug 2017 13:49

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVE

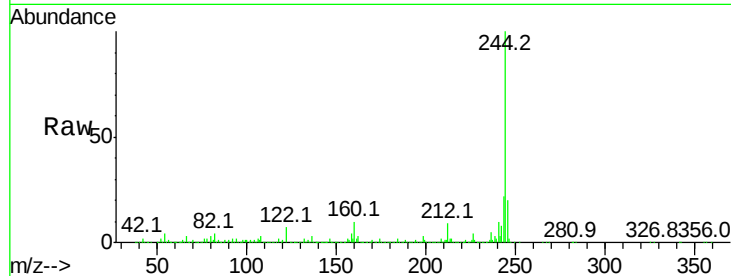
Tot Ion:244 Resp: 5681245

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

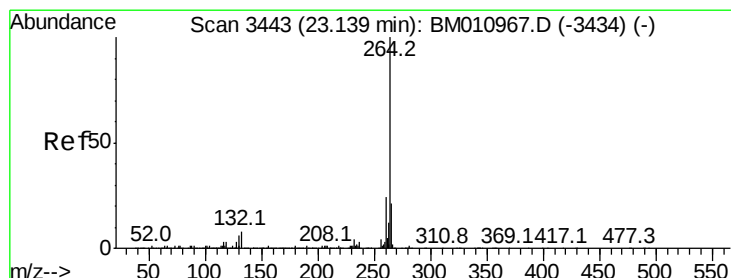
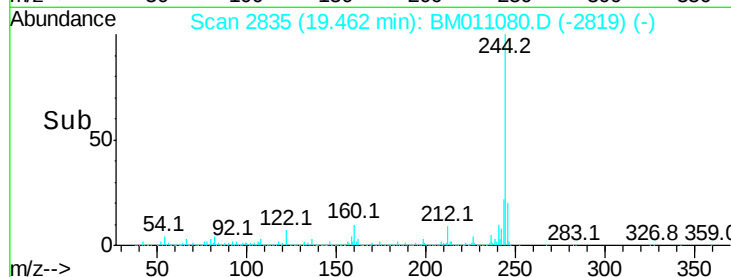
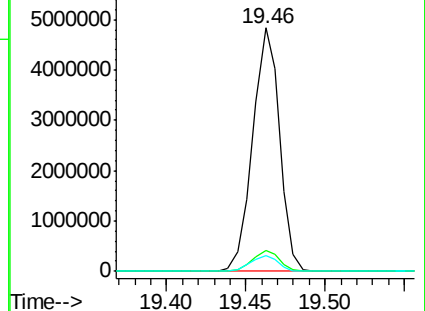
122 6.6 6.2 9.4



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: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011080.D

Acq: 01 Aug 2017 13:49

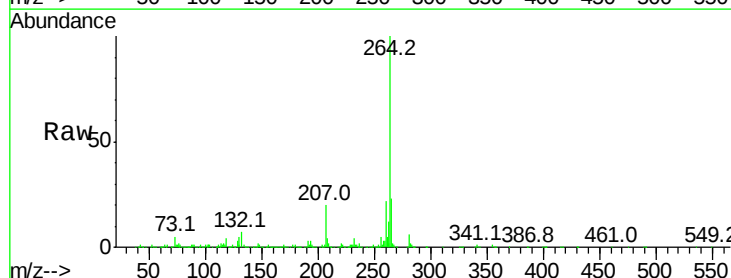
Tgt Ion:264 Resp: 1026389

Ion Ratio Lower Upper

264 100

260 22.2 18.6 27.8

265 22.8 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

