

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019969.D
 Acq On : 19 Apr 2019 00:35
 Operator : JU/SJ
 Sample : K2461-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 01:46:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

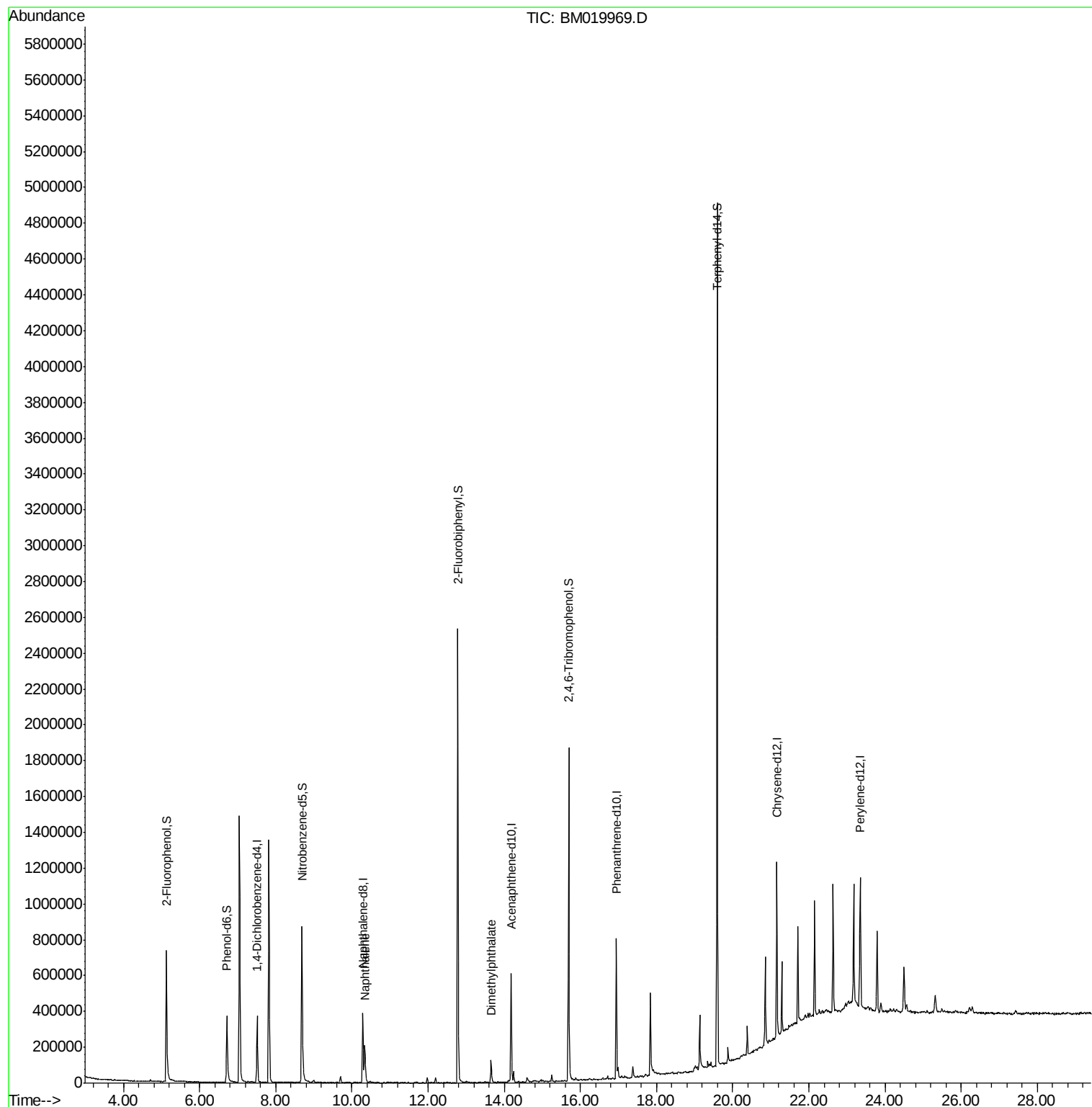
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	93754	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	347825	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	191807	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	417994	20.00	ng	0.00
76) Chrysene-d12	21.16	240	415799	20.00	ng	0.00
87) Perylene-d12	23.34	264	518756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	332264	57.44	ng	0.00
7) Phenol-d6	6.72	99	269873	31.00	ng	0.00
23) Nitrobenzene-d5	8.69	82	627540	80.69	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	361253	117.00	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1255498	81.57	ng	0.00
79) Terphenyl-d14	19.59	244	2013221	85.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	1391	Below Cal		Qvalue # 52
31) Naphthalene	10.34	128	172376	9.240	ng	97
50) Dimethylphthalate	13.66	163	88593	5.236	ng	99

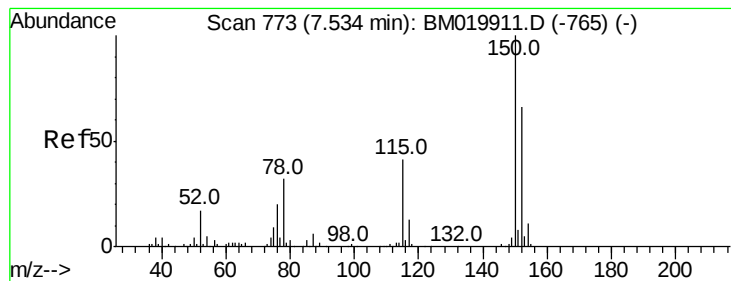
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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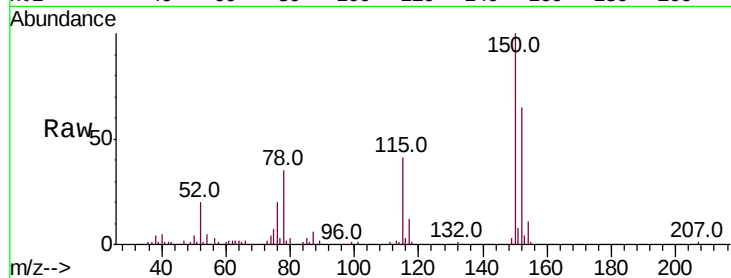


#1

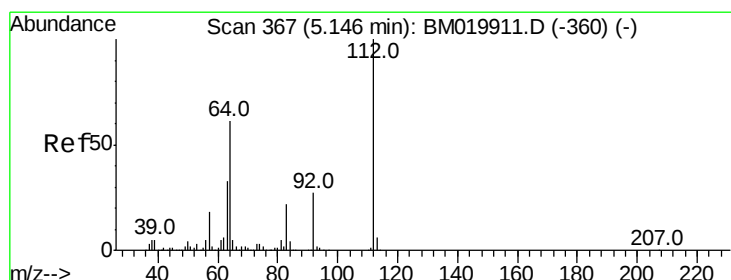
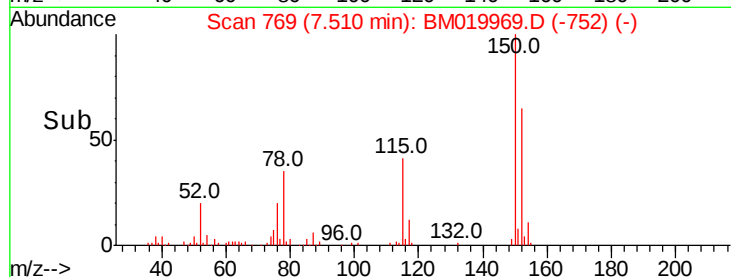
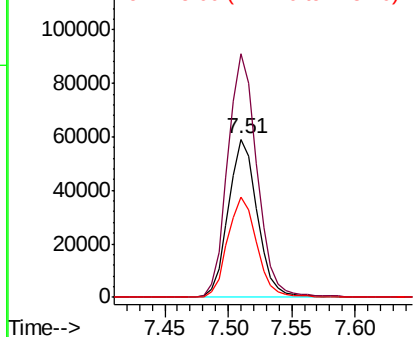
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 93754
Ion Ratio Lower Upper
152 100
150 153.6 122.1 183.1
115 63.6 50.0 75.0



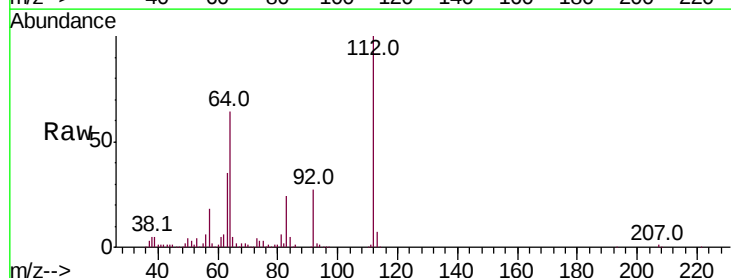
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



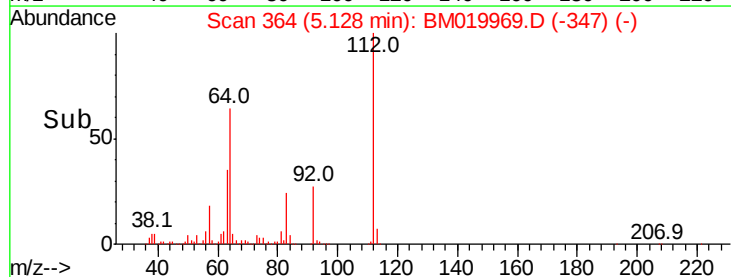
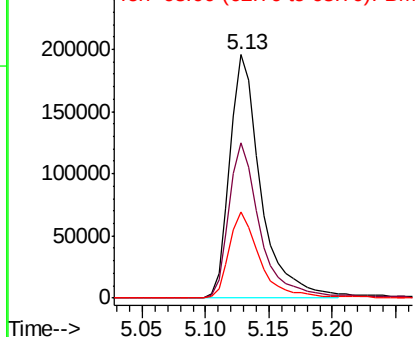
#5

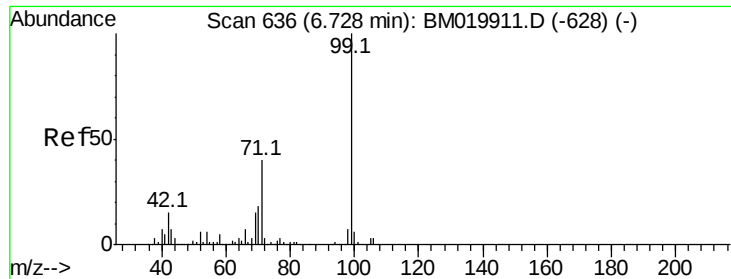
2-Fluorophenol
Concen: 57.436 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:112 Resp: 332264
Ion Ratio Lower Upper
112 100
64 63.8 49.1 73.7
63 35.3 26.5 39.7



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: 30.997 ng

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM019969.D

Acq: 19 Apr 2019 00:35

Instrument :

BNA_M

ClientSampleId :

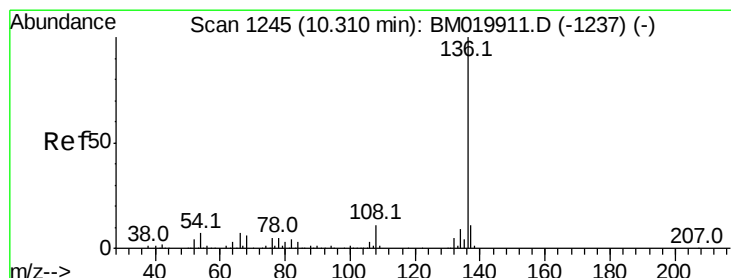
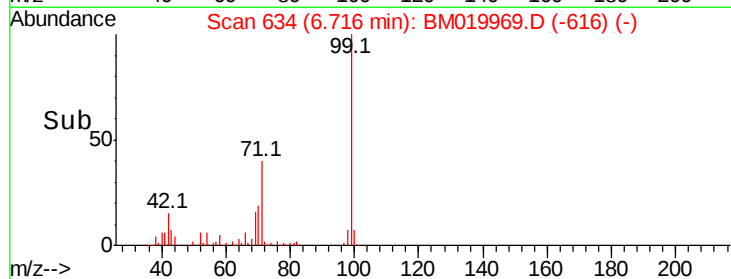
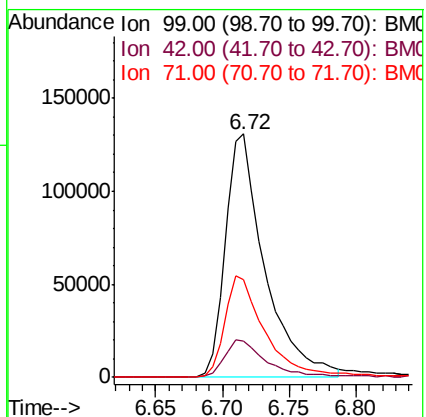
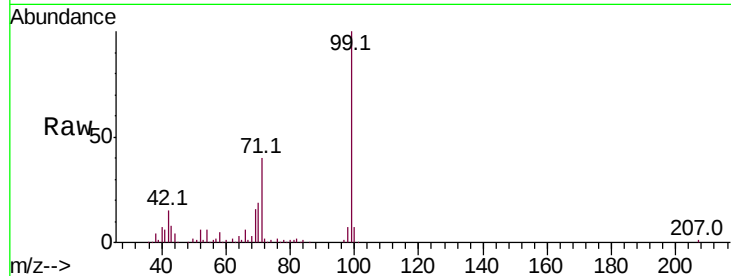
Tot Ion: 99 Resp: 269873

Ion Ratio Lower Upper

99 100

42 14.7 11.8 17.8

71 39.9 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019969.D

Acq: 19 Apr 2019 00:35

Tgt Ion: 136 Resp: 347825

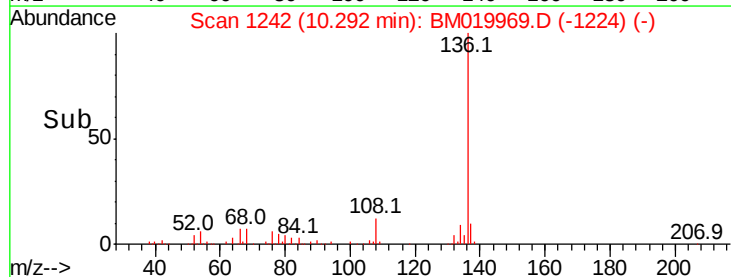
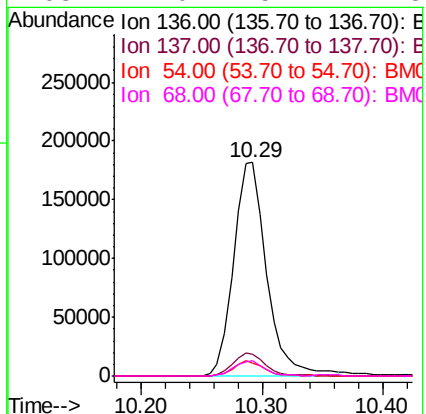
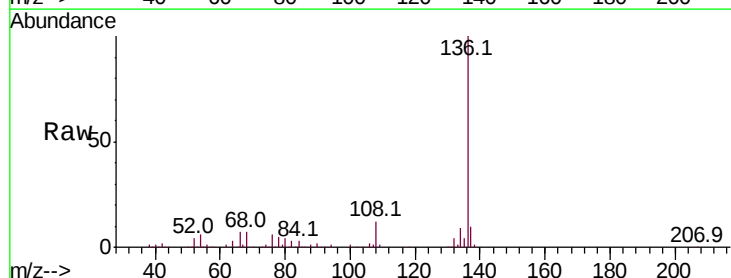
Ion Ratio Lower Upper

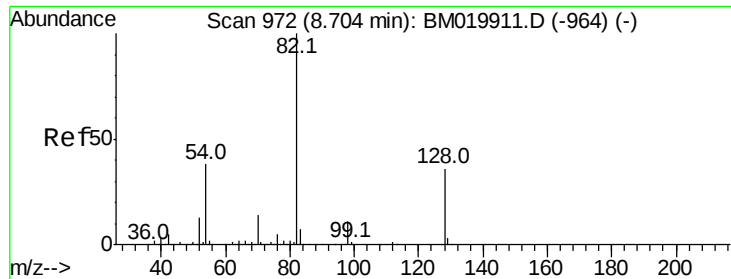
136 100

137 10.2 9.0 13.6

54 6.1 5.3 7.9

68 7.0 5.2 7.8

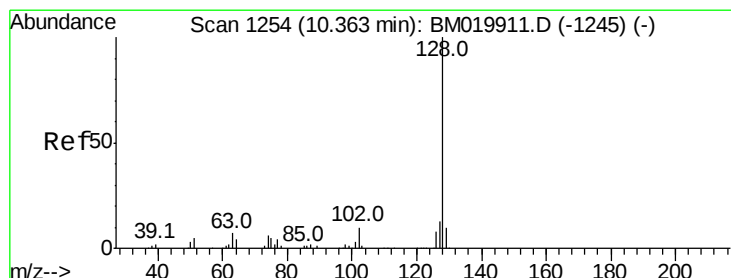
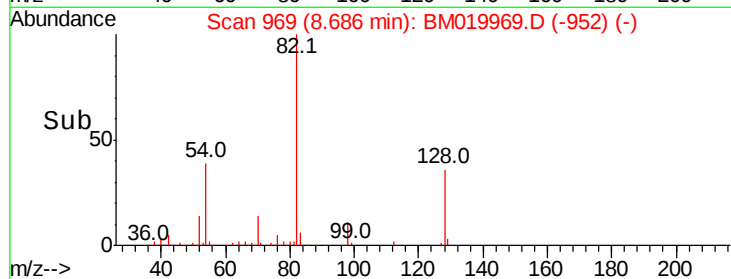
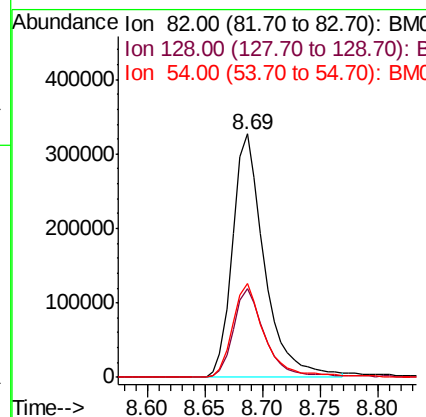
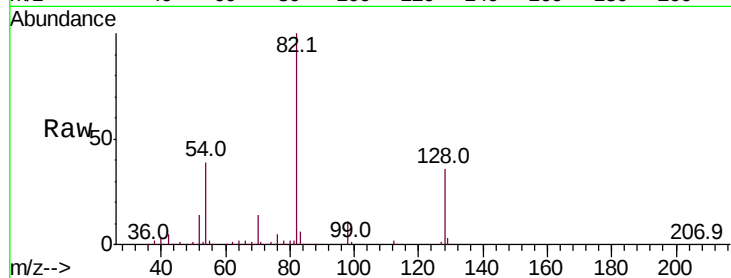




#23
 Nitrobenzene-d5
 Concen: 80.685 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019969.D
 Acq: 19 Apr 2019 00:35

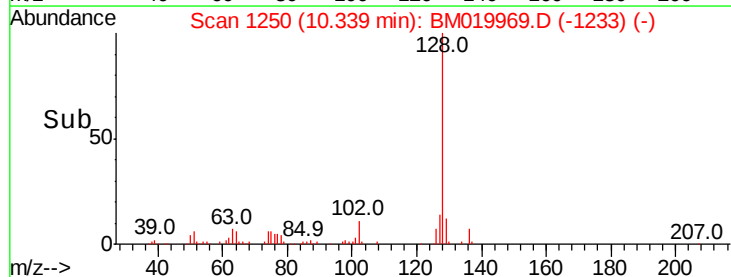
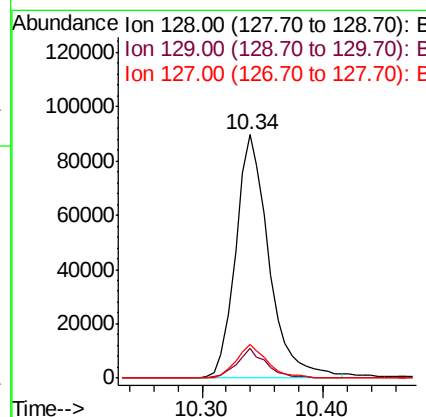
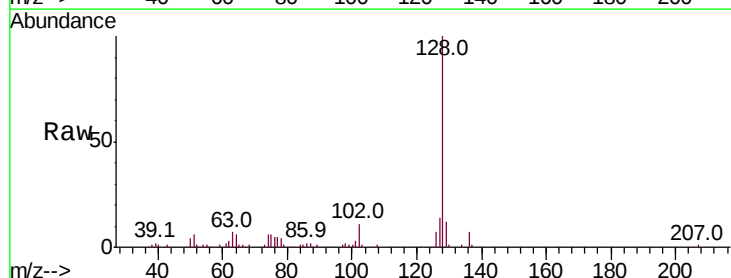
Instrument :
 BNA_M
 ClientSampleId :

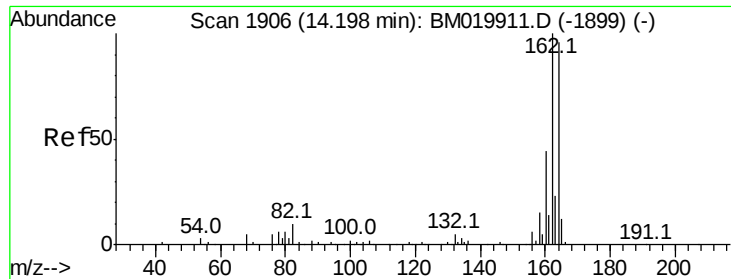
Tot Ion: 82 Resp: 627540
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.0 43.4
 54 38.7 30.2 45.4



#31
 Naphthalene
 Concen: 9.240 ng
 RT: 10.34 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BM019969.D
 Acq: 19 Apr 2019 00:35

Tgt Ion: 128 Resp: 172376
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.3 12.5
 127 14.0 10.4 15.6

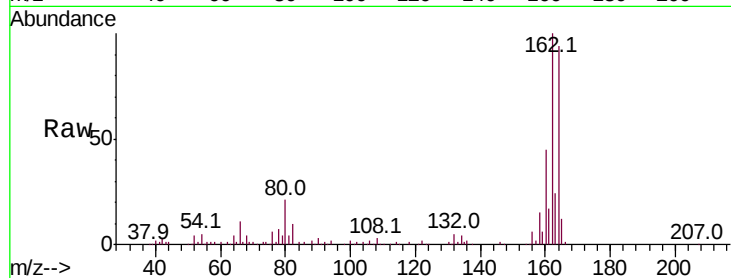




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.4
160	47.7	36.6	55.0

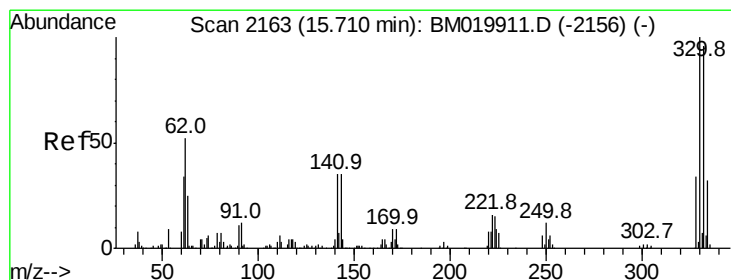
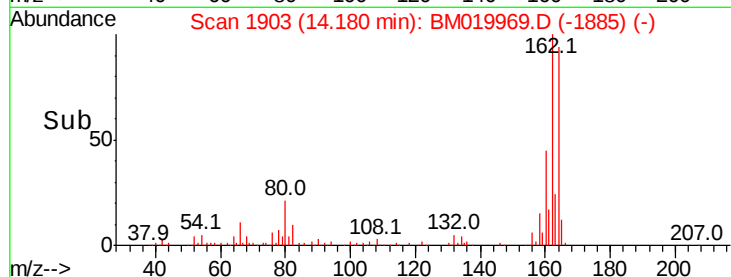
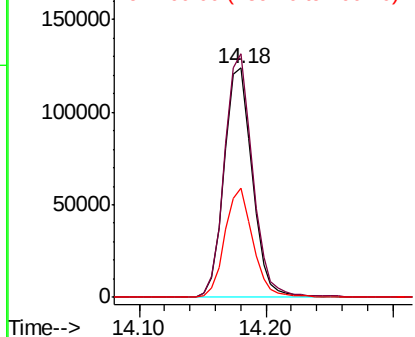


Abundance

Ion 164.00 (163.70 to 164.70): E

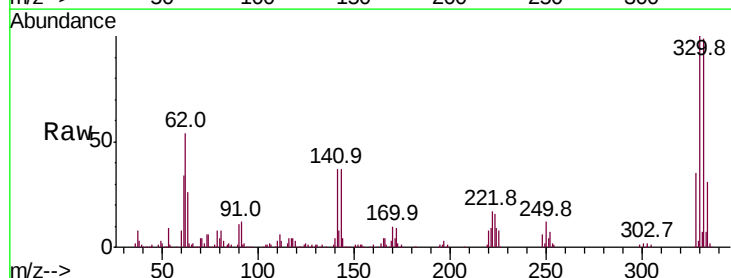
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 117.003 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.3	29.0	43.4

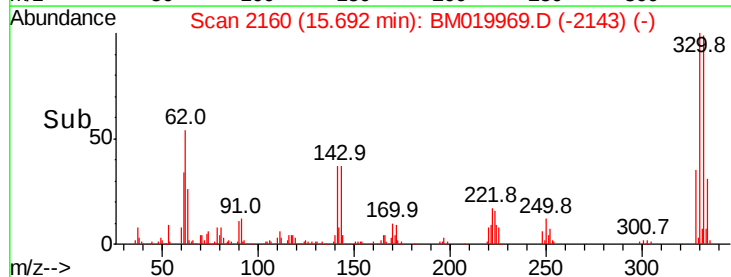
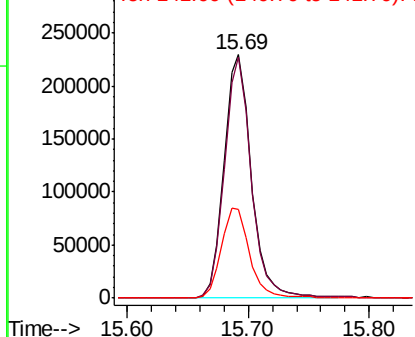


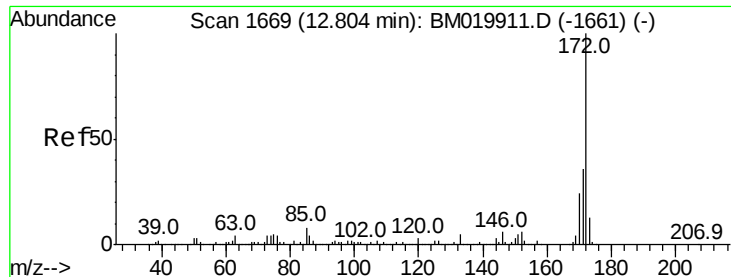
Abundance

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

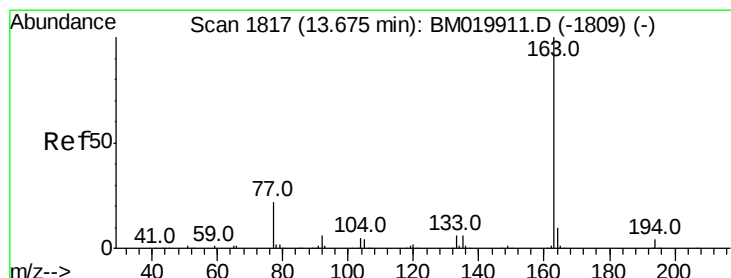
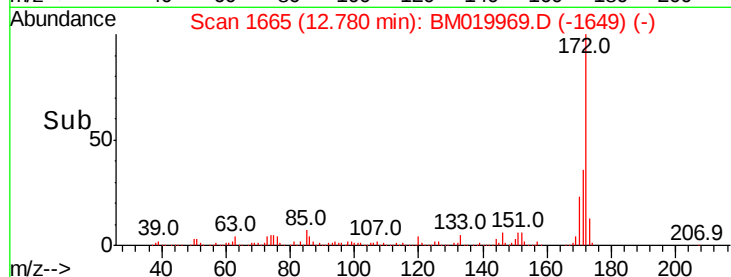
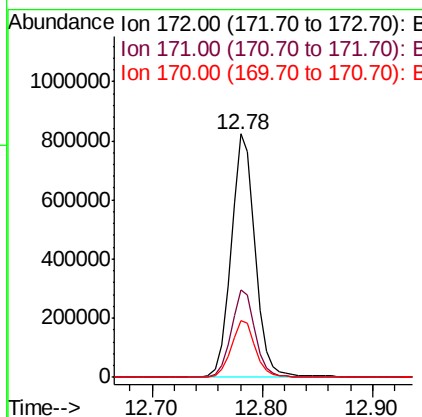
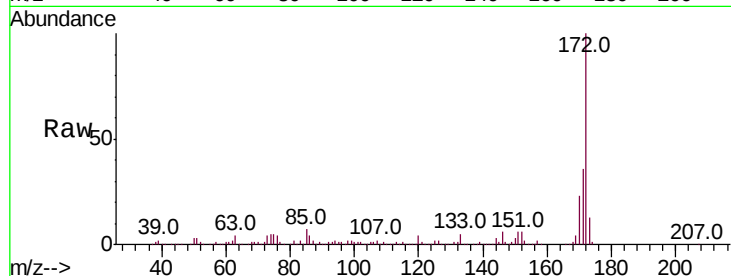




#45
2-Fluorobiphenyl
Concen: 81.574 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

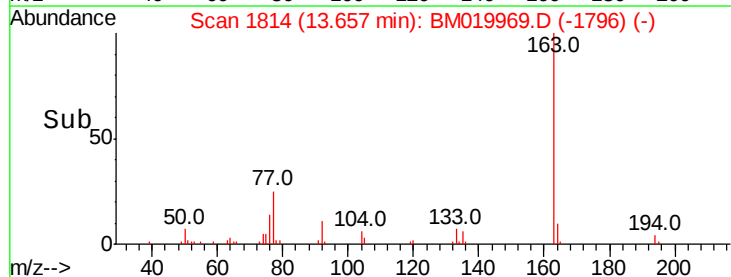
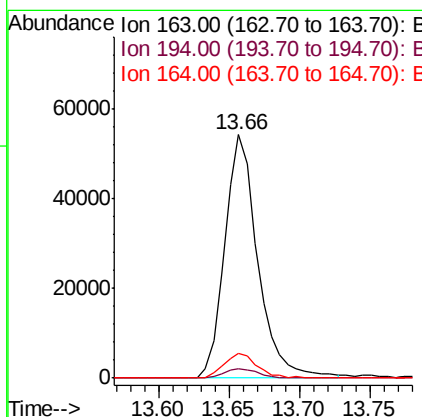
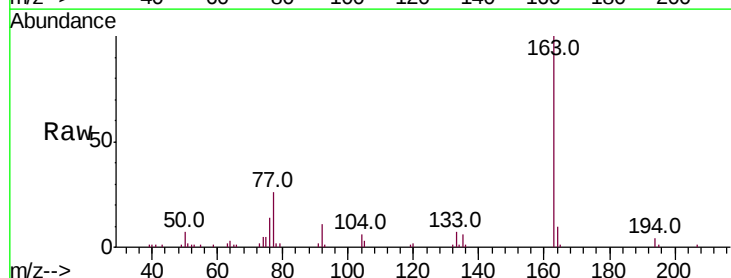
Instrument :
BNA_M
ClientSampleId :

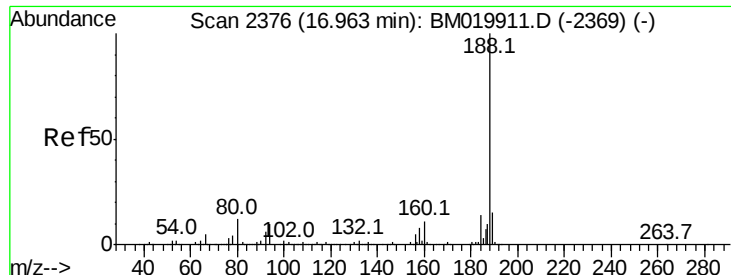
Tot Ion:172 Resp: 1255498
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.5 19.0 28.4



#50
Dimethylphthalate
Concen: 5.236 ng
RT: 13.66 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:163 Resp: 88593
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 7.9 11.9

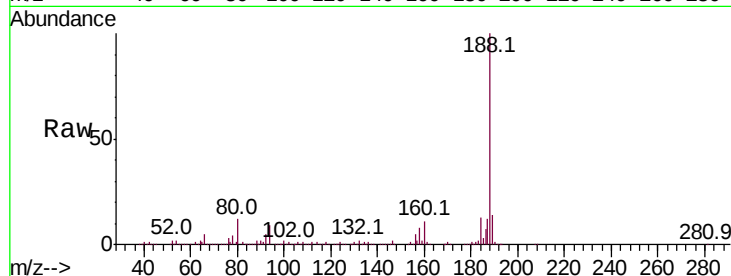




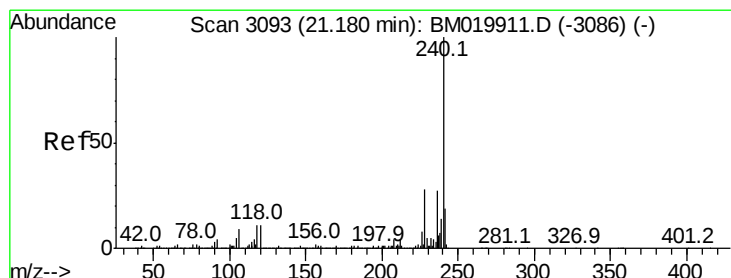
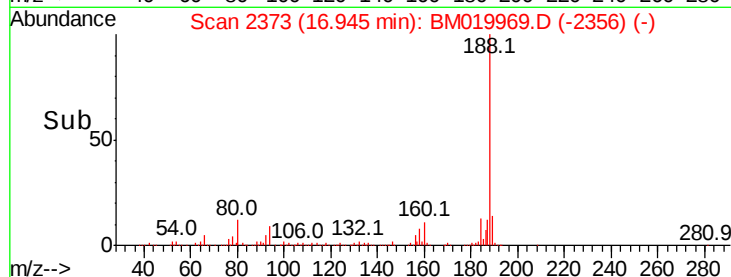
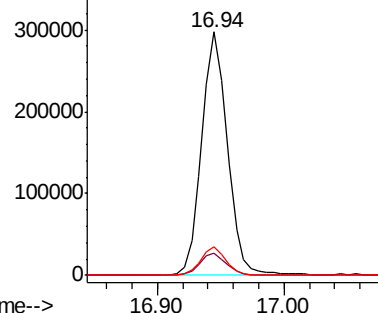
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 417994
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 11.6 9.4 14.0

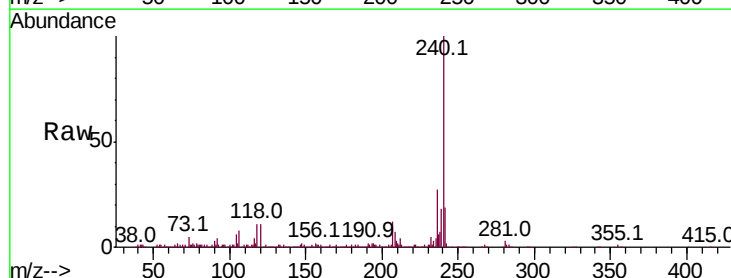


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

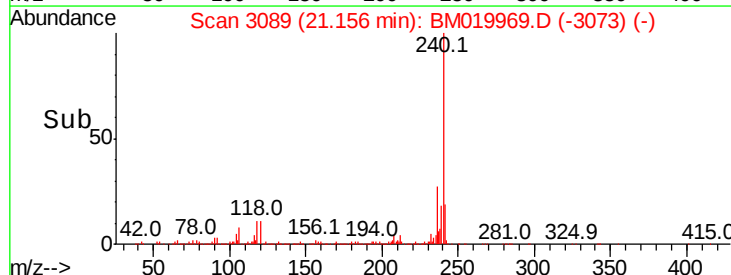
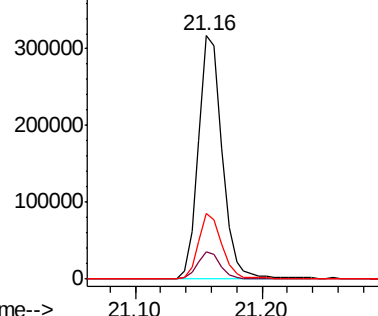


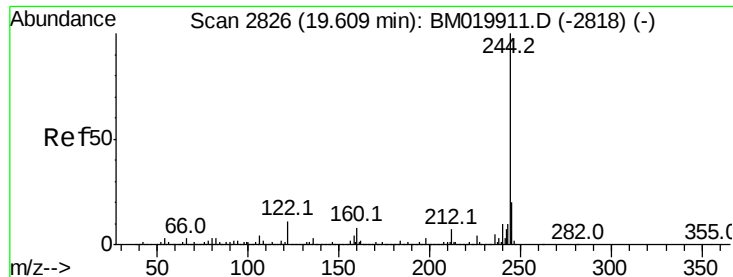
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:240 Resp: 415799
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 26.8 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

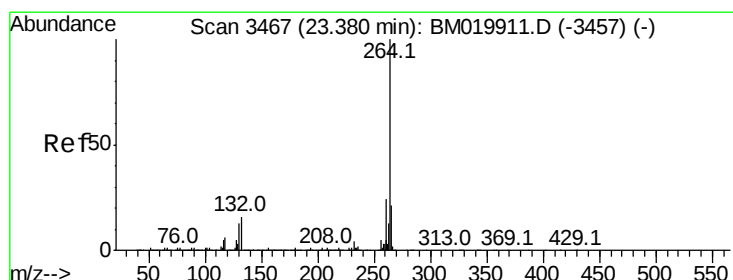
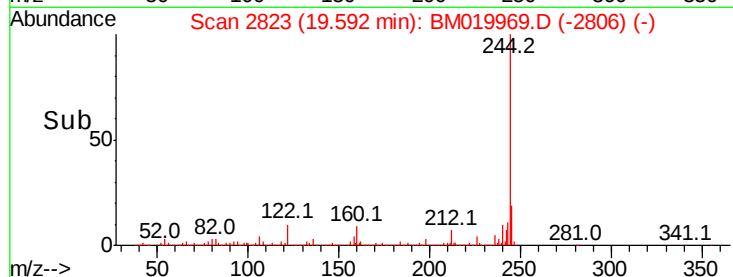
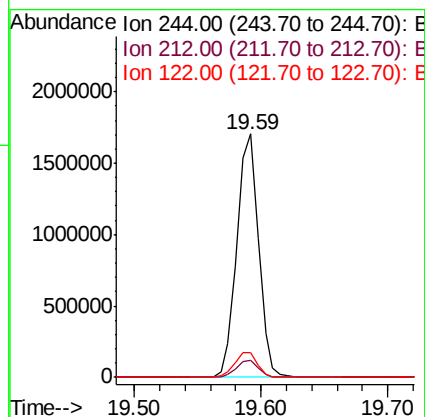
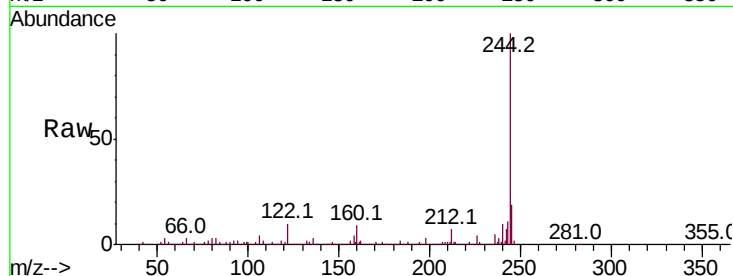




#79
 Terphenyl-d14
 Concen: 85.401 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM019969.D
 Acq: 19 Apr 2019 00:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2013221
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.0 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.01 min
 Lab File: BM019969.D
 Acq: 19 Apr 2019 00:35

Tgt Ion:264 Resp: 518756
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.0 17.2 25.8

