

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019166.D
 Acq On : 14 Mar 2019 13:14
 Operator : JU/SJ
 Sample : K1849-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PUMP-PCRE

Quant Time: Mar 14 14:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

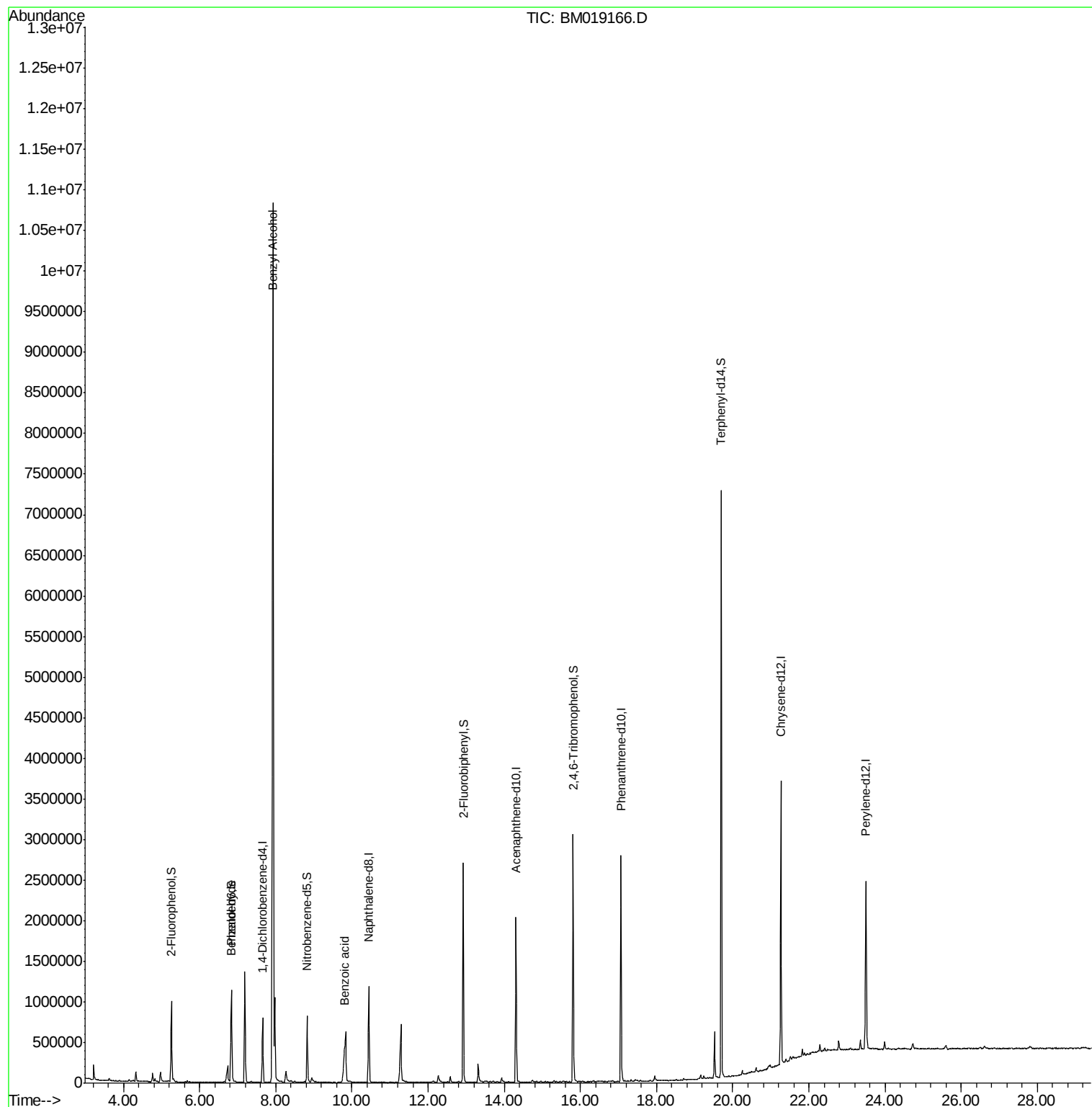
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	210834	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	948380	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	645724	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1537663	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1579420	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1388386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	443554	34.07	ng	0.00
7) Phenol-d6	6.83	99	578135	30.36	ng	-0.01
23) Nitrobenzene-d5	8.82	82	540105	26.92	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	556111	58.33	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	1288966	25.97	ng	-0.01
79) Terphenyl-d14	19.70	244	3137798	39.44	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.82	77	161809	13.509	ng	98
15) Benzyl Alcohol	7.93	79	4475194	283.954	ng	97
32) Benzoic acid	9.79	122	116068	10.659	ng	98

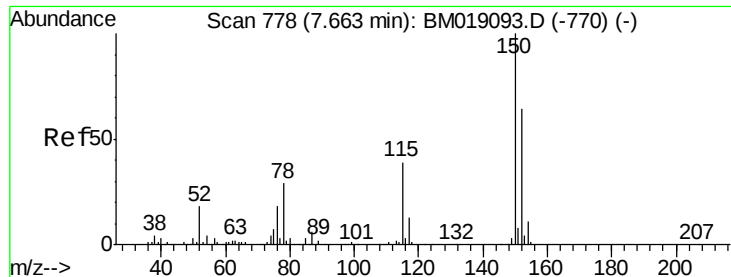
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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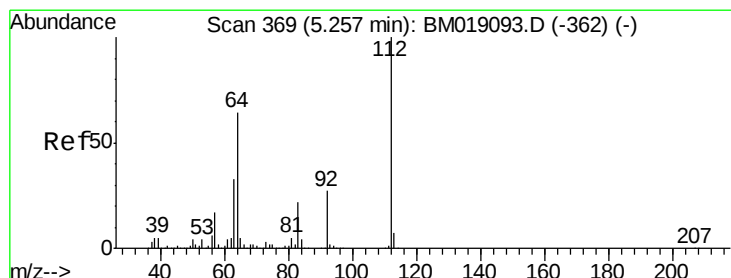
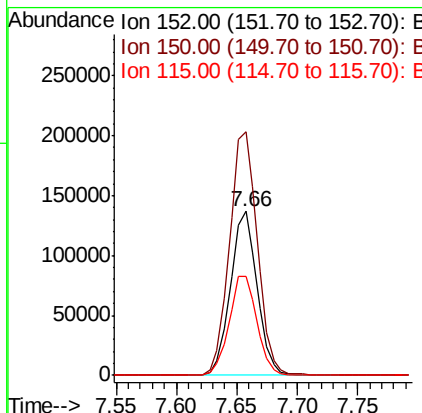
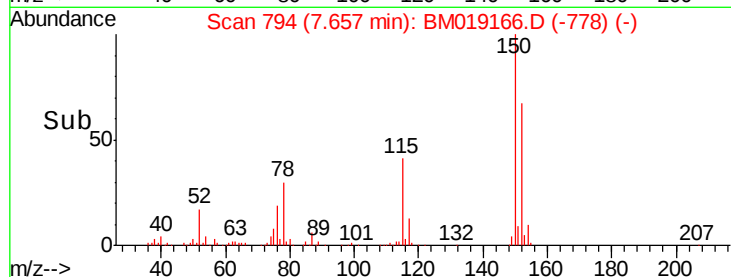
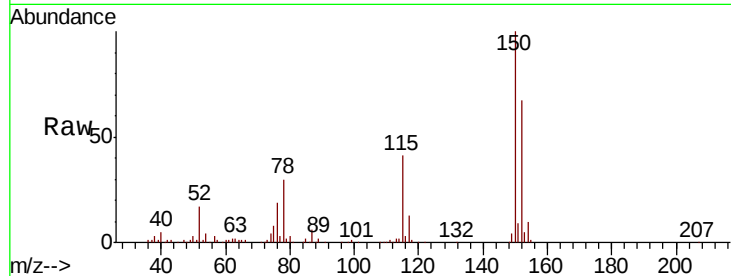


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019166.D
Acq: 14 Mar 2019 13:14

Instrument :
BNA_M
ClientSampleId :
PUMP-PCRE

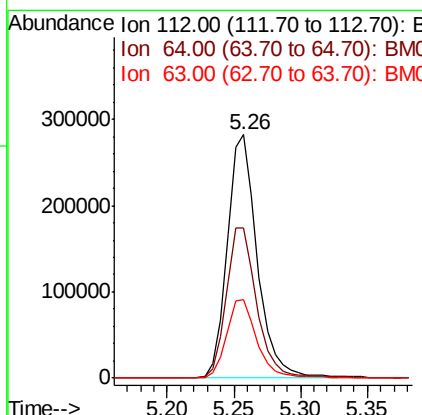
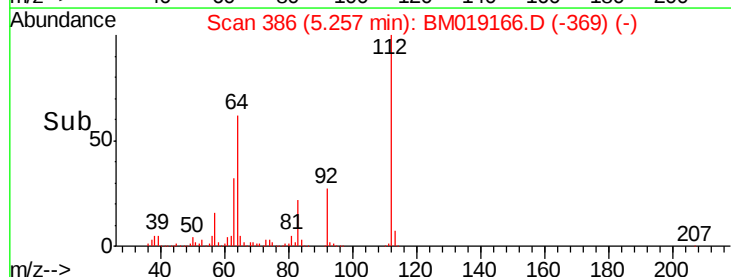
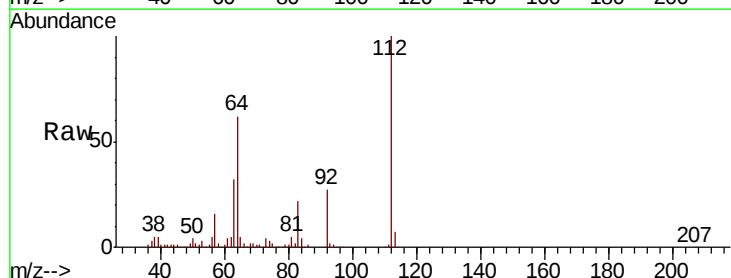
Tot Ion	152	Resp	210834
Ion Ratio	Lower	Upper	
152	100		
150	148.7	125.3	187.9
115	60.3	49.4	74.0

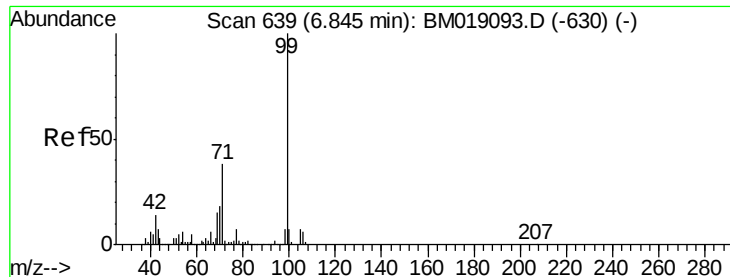


#5

2-Fluorophenol
Concen: 34.071 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019166.D
Acq: 14 Mar 2019 13:14

Tgt Ion	112	Resp	443554
Ion Ratio	Lower	Upper	
112	100		
64	61.7	51.4	77.0
63	32.2	26.6	40.0





#7

Phenol-d6

Concen: 30.360 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019166.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_M

ClientSampleId :

PUMP-PCRE

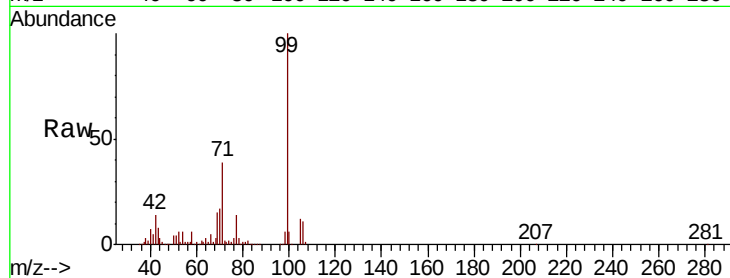
Tot Ion: 99 Resp: 578135

Ion Ratio Lower Upper

99 100

42 14.0 10.9 16.3

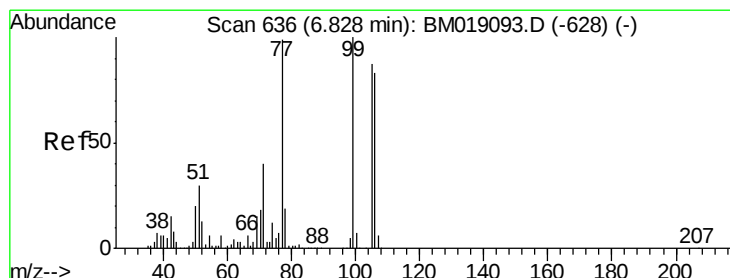
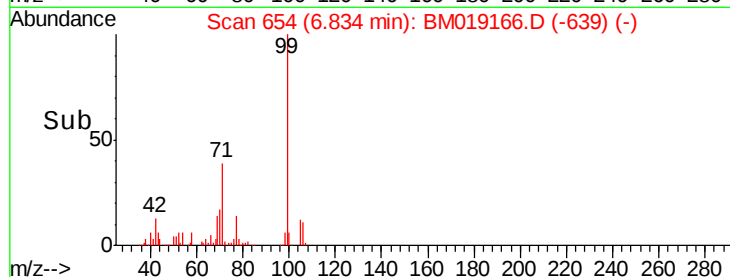
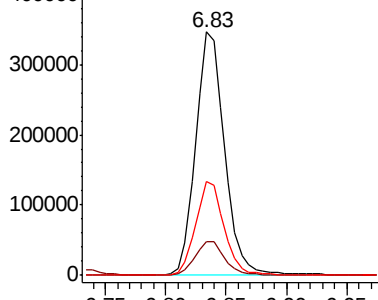
71 38.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#9

Benzaldehyde

Concen: 13.509 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019166.D

Acq: 14 Mar 2019 13:14

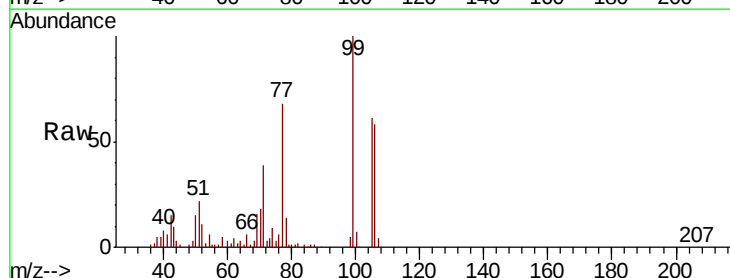
Tgt Ion: 77 Resp: 161809

Ion Ratio Lower Upper

77 100

105 89.6 67.7 107.7

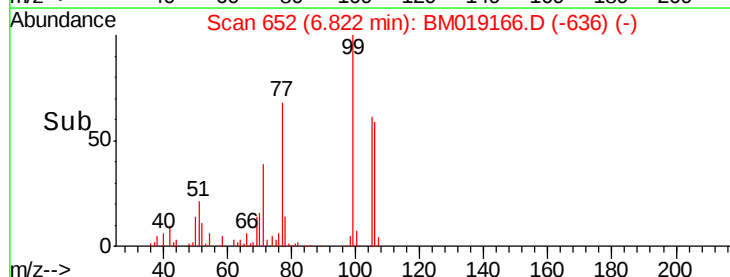
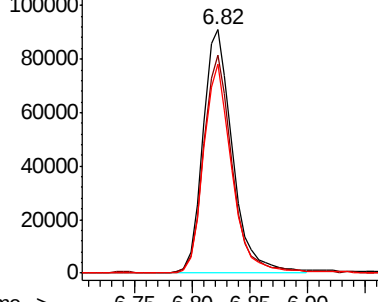
106 85.7 64.1 104.1

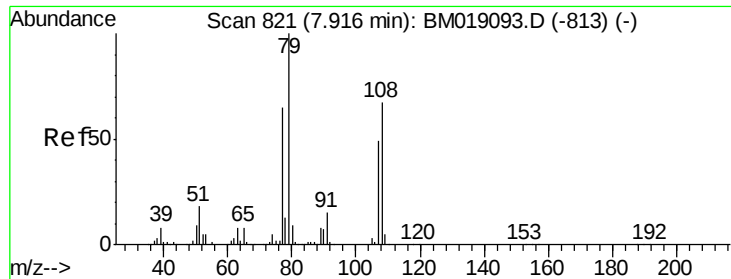


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)





#15

Benzyl Alcohol

Concen: 283.954 ng

RT: 7.93 min Scan# 840

Delta R.T. 0.01 min

Lab File: BM019166.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_M

ClientSampleId :

PUMP-PCRE

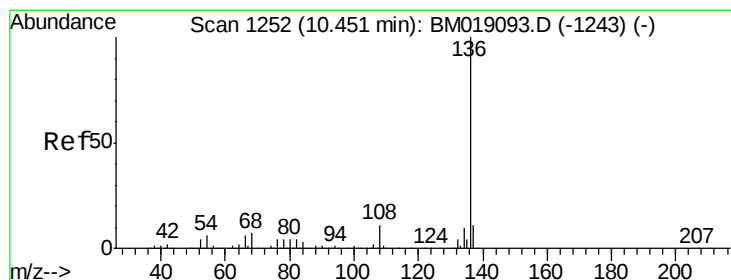
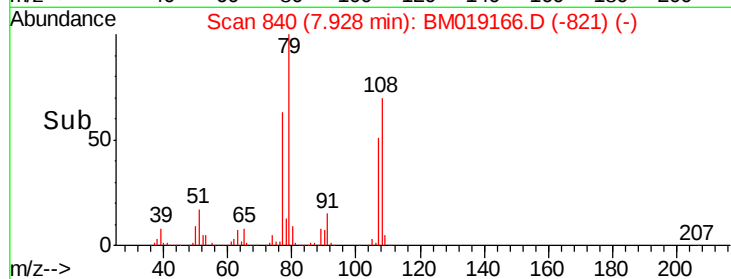
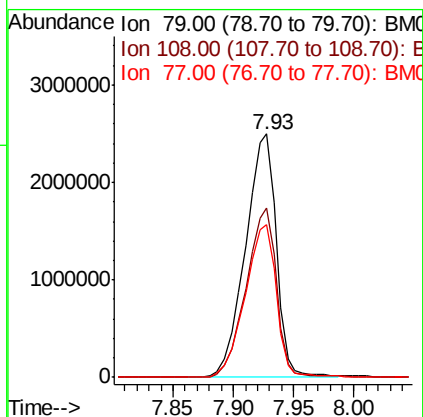
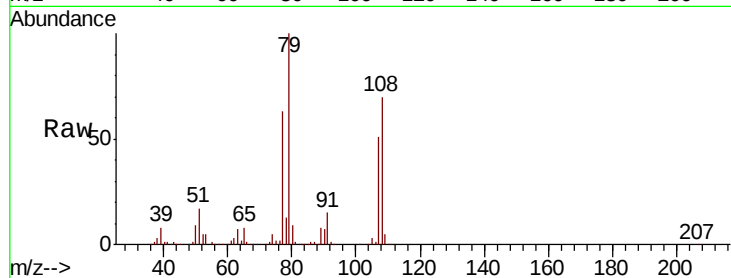
Tot Ion: 79 Resp: 4475194

Ion Ratio Lower Upper

79 100

108 69.8 53.7 80.5

77 62.8 51.8 77.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019166.D

Acq: 14 Mar 2019 13:14

Tgt Ion: 136 Resp: 948380

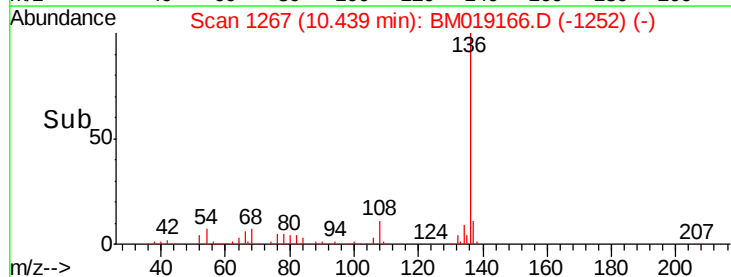
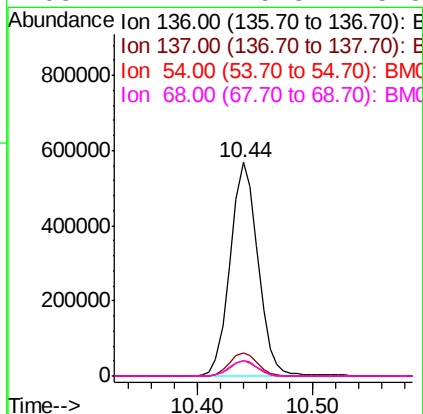
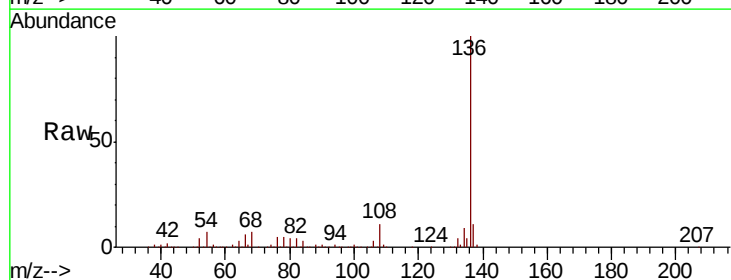
Ion Ratio Lower Upper

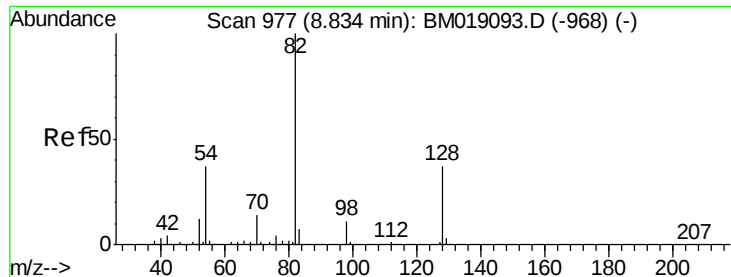
136 100

137 10.8 8.6 13.0

54 7.0 5.2 7.8

68 7.4 5.8 8.8

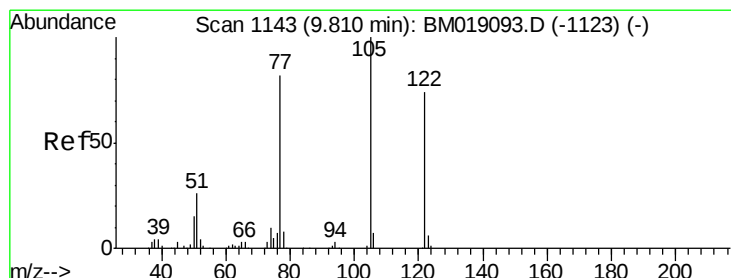
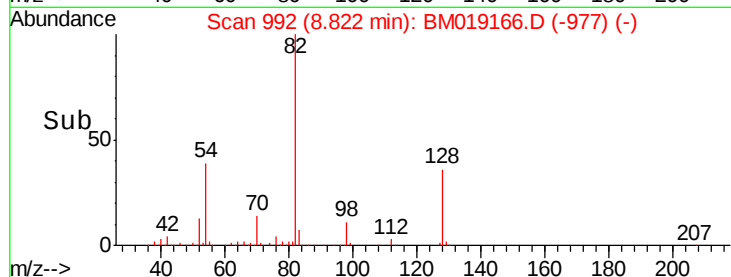
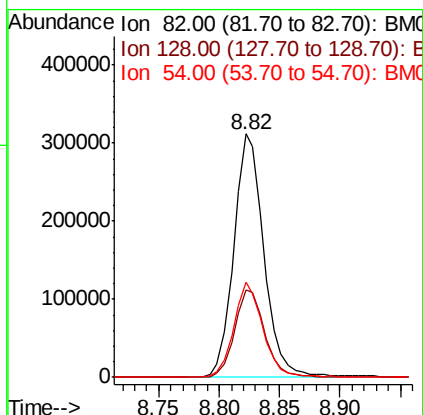
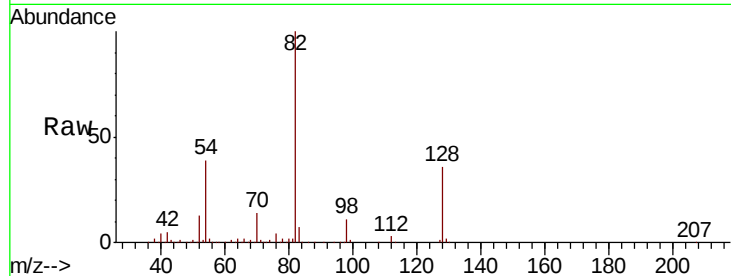




#23
 Nitrobenzene-d5
 Concen: 26.920 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019166.D
 Acq: 14 Mar 2019 13:14

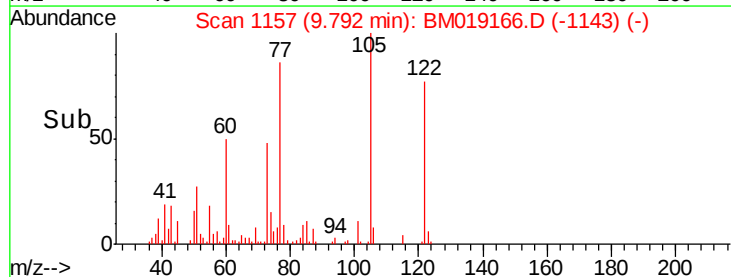
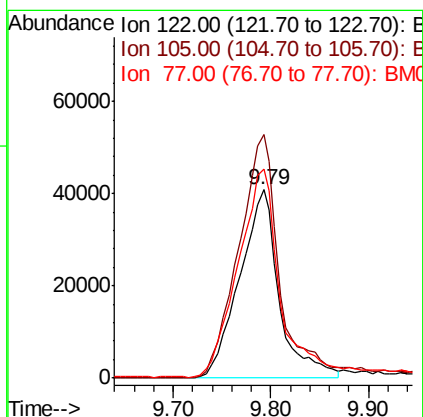
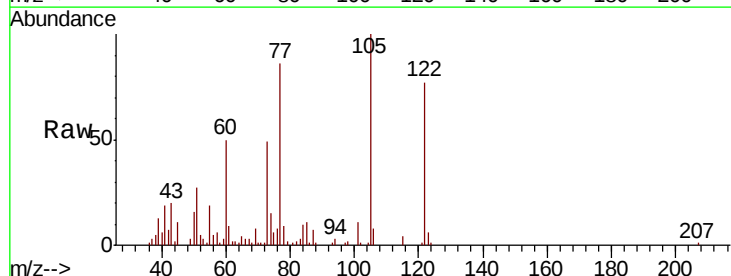
Instrument :
 BNA_M
 ClientSampleId :
 PUMP-PCRE

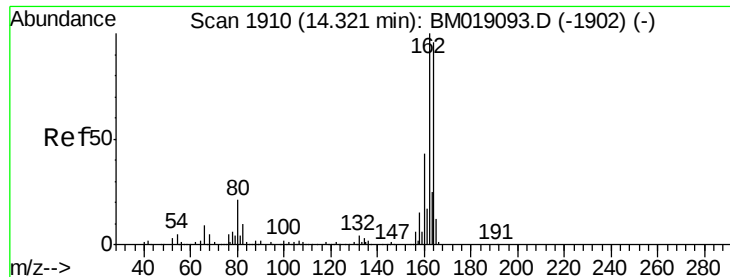
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.4	44.2
54	38.9	29.9	44.9



#32
 Benzoic acid
 Concen: 10.659 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BM019166.D
 Acq: 14 Mar 2019 13:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	113.0	153.0
77	111.3	90.1	130.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019166.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_M

ClientSampleId :

PUMP-PCRE

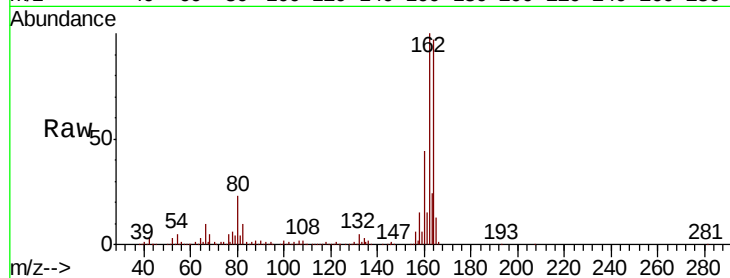
Tot Ion:164 Resp: 645724

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

160 45.1 36.3 54.5

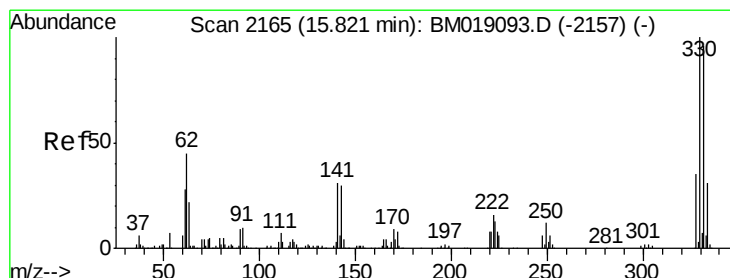
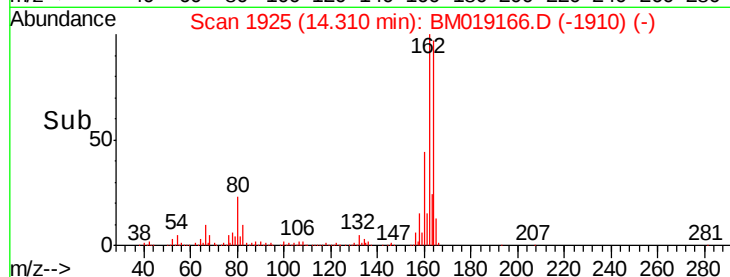
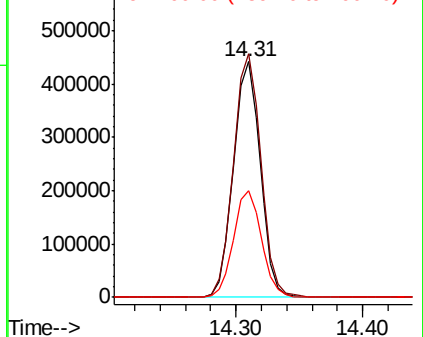


Abundance

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: 58.330 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019166.D

Acq: 14 Mar 2019 13:14

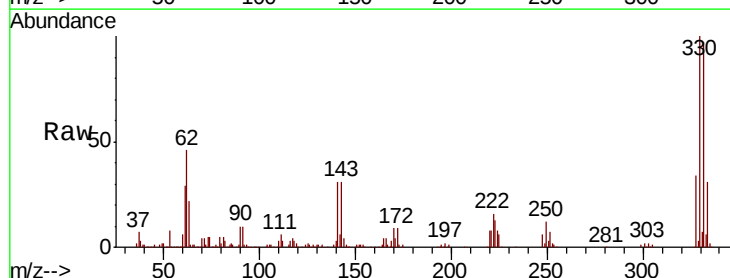
Tgt Ion:330 Resp: 556111

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 33.8 27.0 40.4

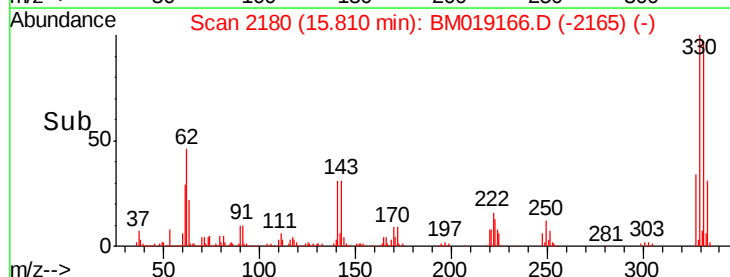
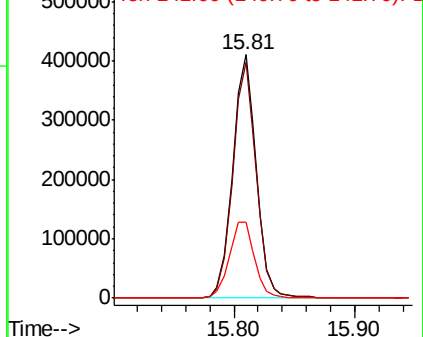


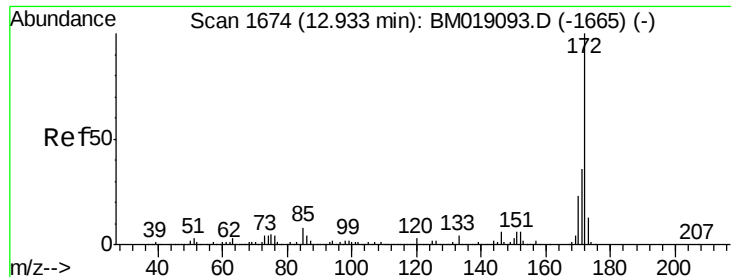
Abundance

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



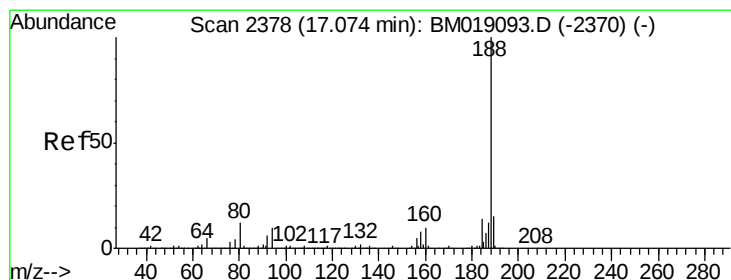
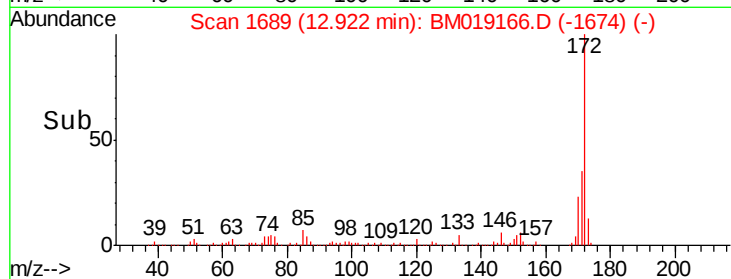
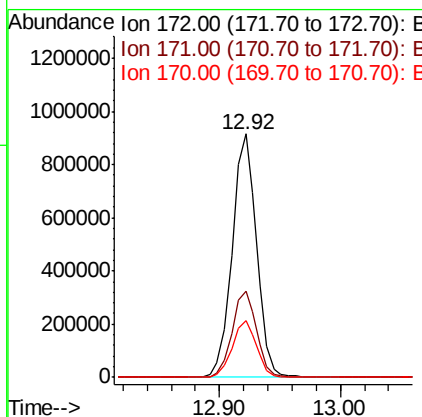
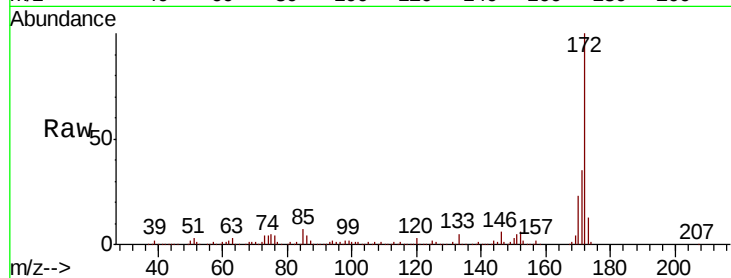


#45
 2-Fluorobiphenyl
 Concen: 25.965 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019166.D
 Acq: 14 Mar 2019 13:14

Instrument :
 BNA_M
 ClientSampleId :
 PUMP-PCRE

Tot Ion:172 Resp: 1288966

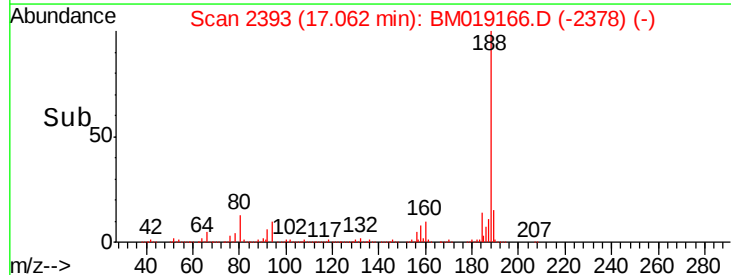
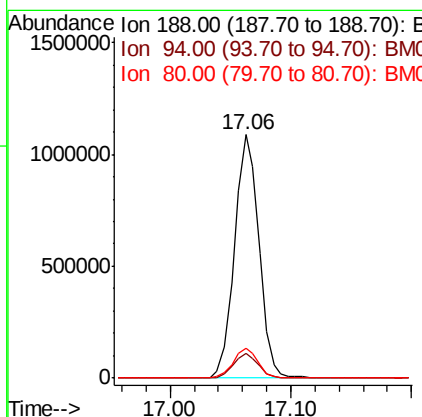
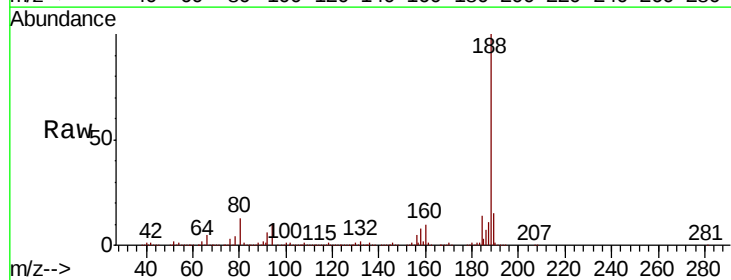
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.4	18.6	28.0

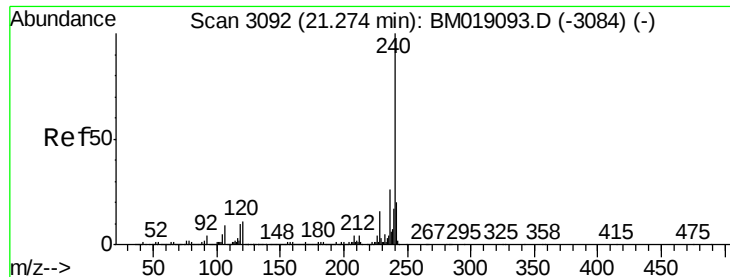


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BM019166.D
 Acq: 14 Mar 2019 13:14

Tgt Ion:188 Resp: 1537663

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	12.5	9.7	14.5

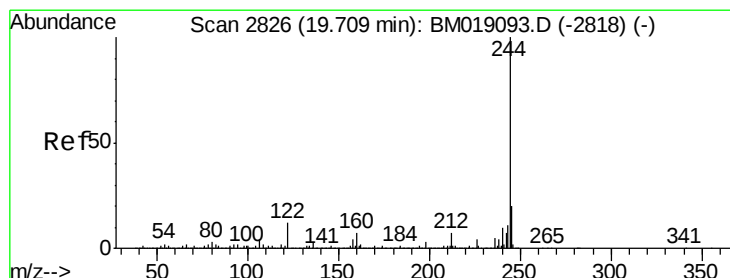
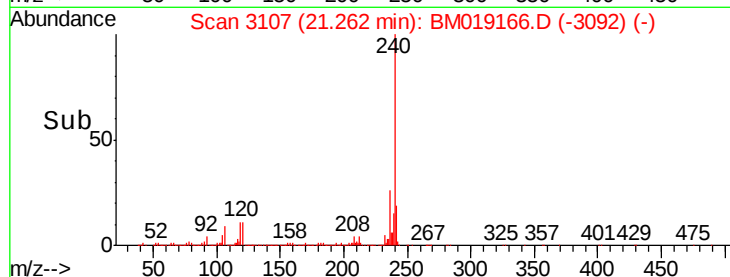
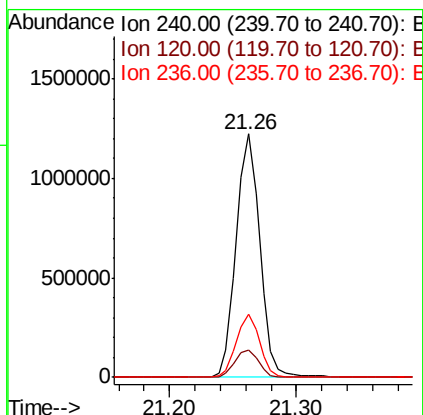
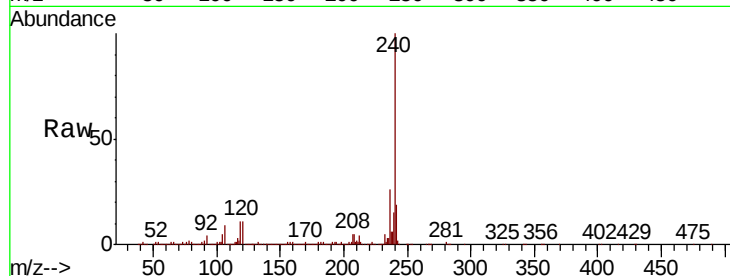




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019166.D
Acq: 14 Mar 2019 13:14

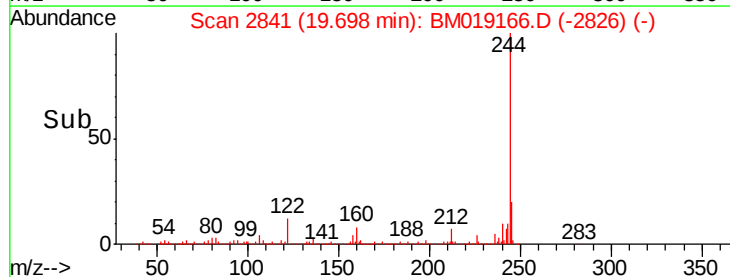
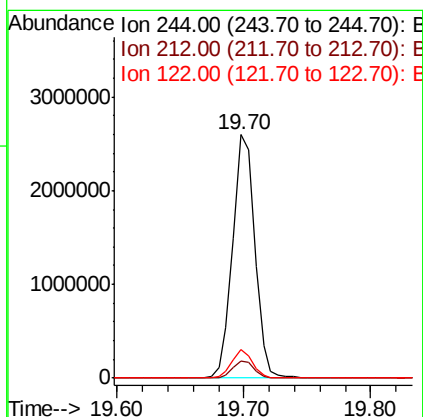
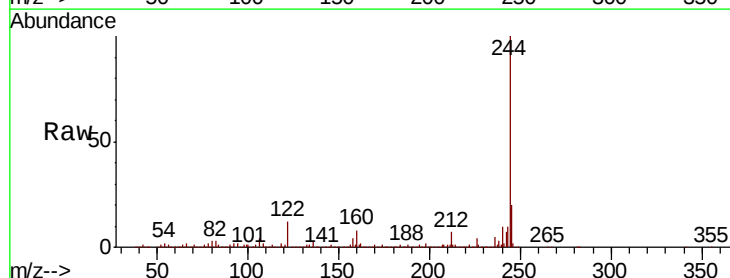
Instrument :
BNA_M
ClientSampleId :
PUMP-PCRE

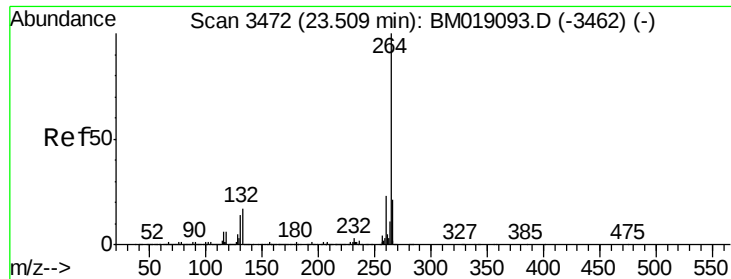
Tot Ion:240 Resp: 1579420
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 39.440 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019166.D
Acq: 14 Mar 2019 13:14

Tgt Ion:244 Resp: 3137798
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.6 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019166.D
Acq: 14 Mar 2019 13:14

Instrument :
BNA_M
ClientSampleId :
PUMP-PCRE

Tot Ion:264 Resp: 1388386

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.2	17.3	25.9

