

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019963.D
 Acq On : 18 Apr 2019 20:56
 Operator : JU/SJ
 Sample : K2424-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:42:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

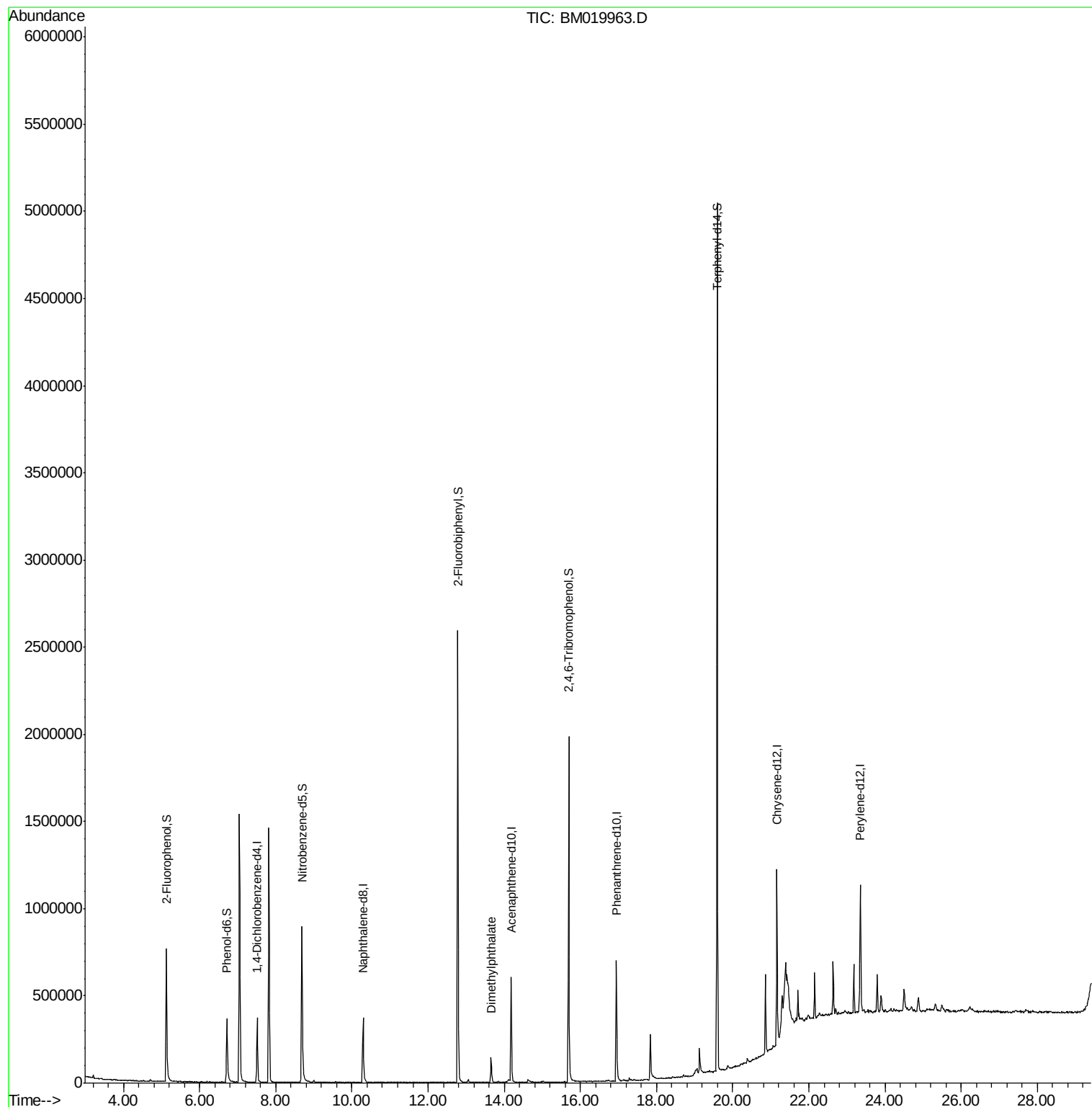
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	94861	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	339169	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	193776	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	417045	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	418410	20.00	ng	-0.02
87) Perylene-d12	23.35	264	522324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	342875	58.58	ng	-0.02
7) Phenol-d6	6.71	99	266067	30.20	ng	-0.02
23) Nitrobenzene-d5	8.69	82	650259	85.74	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	382922	122.76	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1308019	84.12	ng	-0.02
79) Terphenyl-d14	19.59	244	2052636	86.53	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	1450	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.66	163	105633	6.180 ng		99

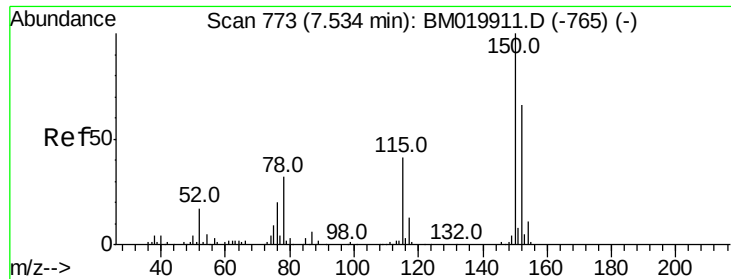
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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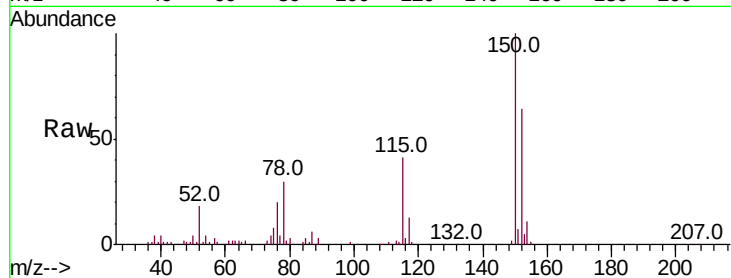


#1

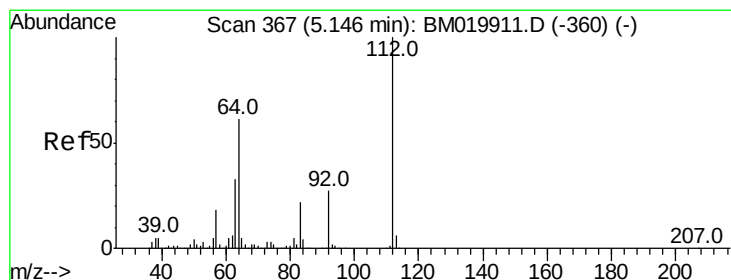
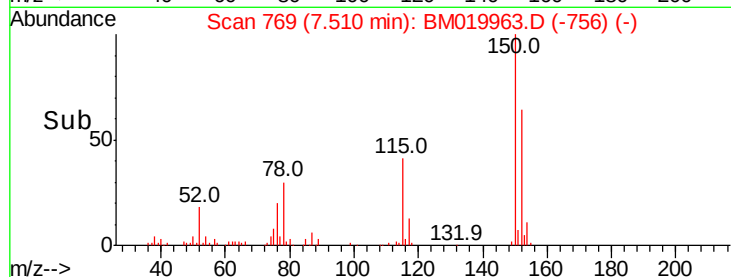
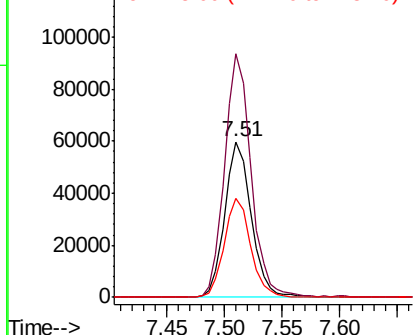
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 94861
Ion Ratio Lower Upper
152 100
150 156.3 122.1 183.1
115 63.4 50.0 75.0



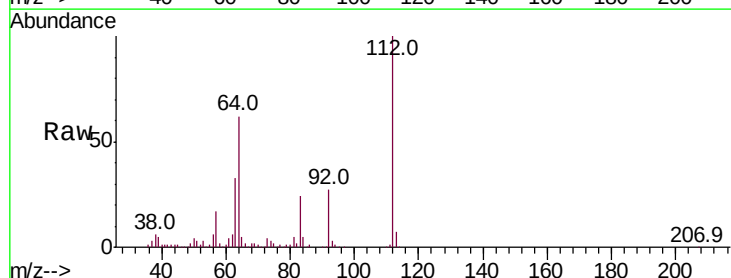
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



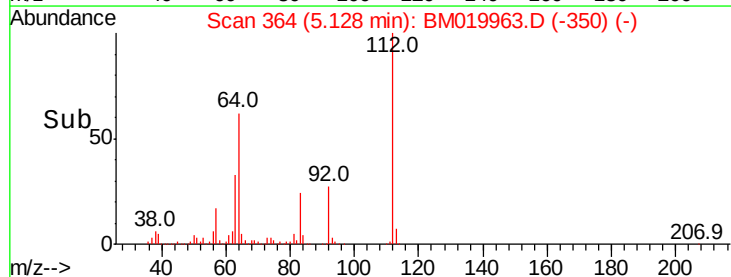
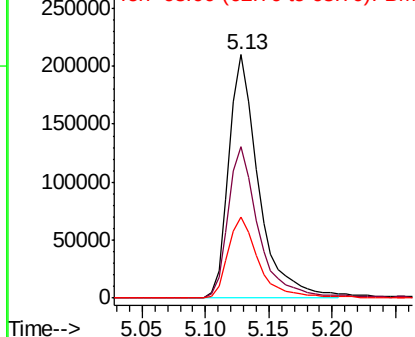
#5

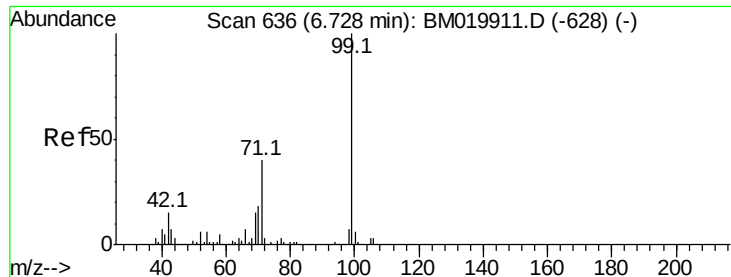
2-Fluorophenol
Concen: 58.578 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Tgt Ion:112 Resp: 342875
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 33.1 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: 30.204 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019963.D

Acq: 18 Apr 2019 20:56

Instrument :

BNA_M

ClientSampleId :

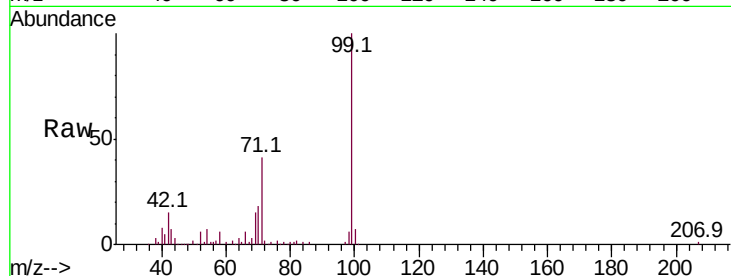
Tot Ion: 99 Resp: 266067

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

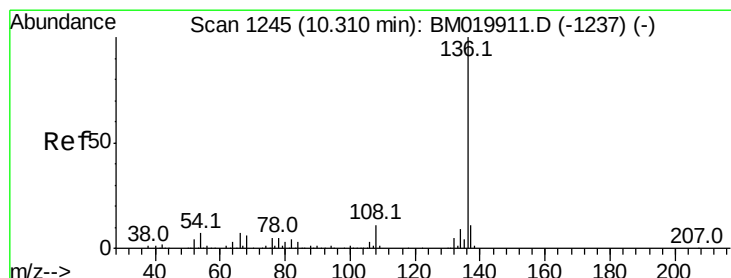
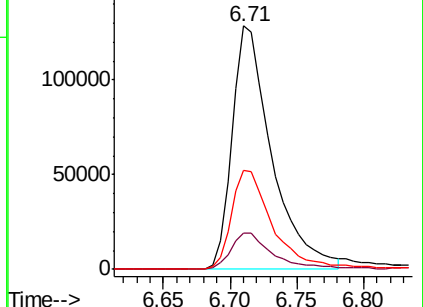
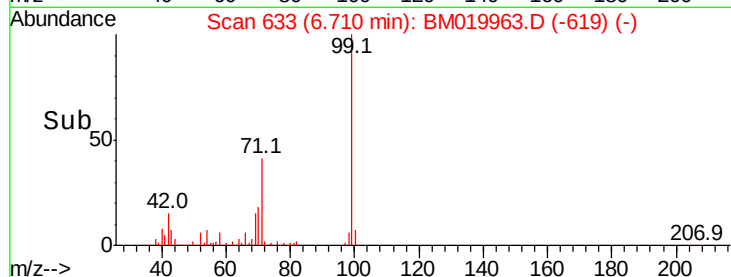
71 40.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019963.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019963.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019963.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM019963.D

Acq: 18 Apr 2019 20:56

Tgt Ion: 136 Resp: 339169

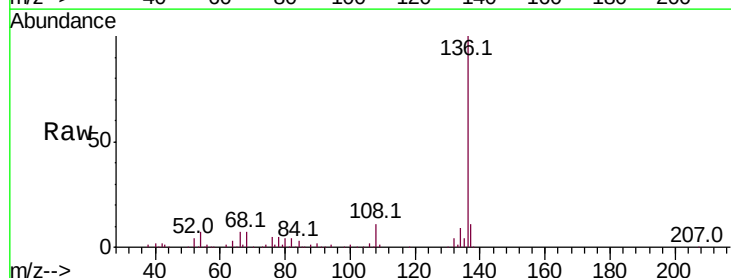
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.1 5.3 7.9

68 7.0 5.2 7.8

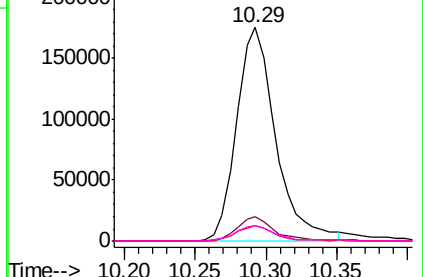
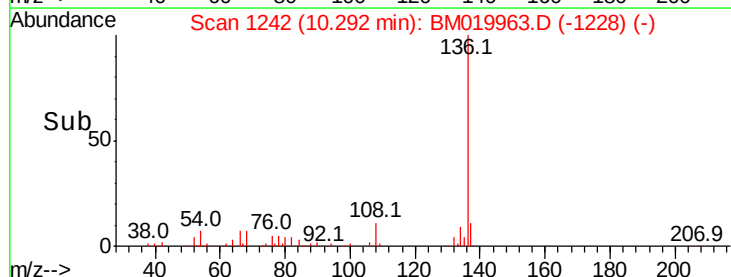


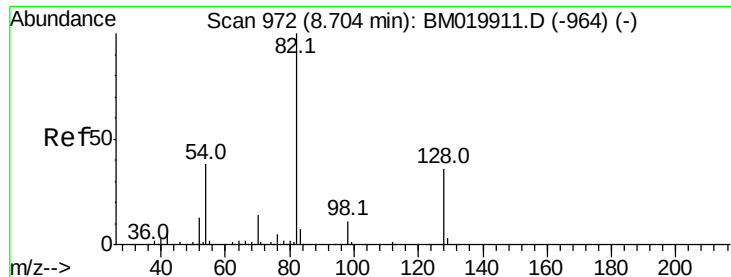
Abundance Ion 136.00 (135.70 to 136.70): BM019963.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019963.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019963.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019963.D (-1228) (-)

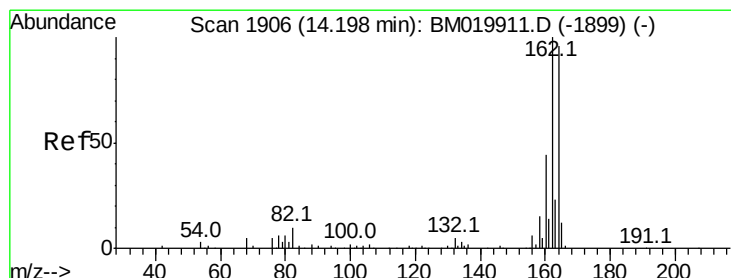
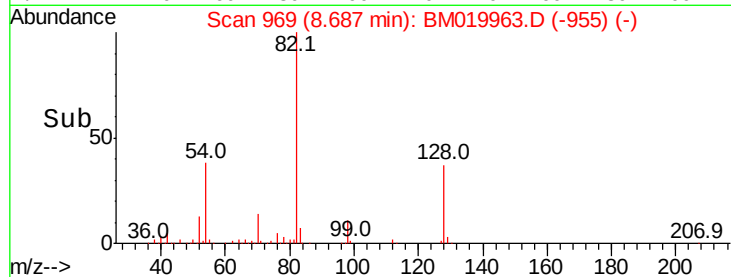
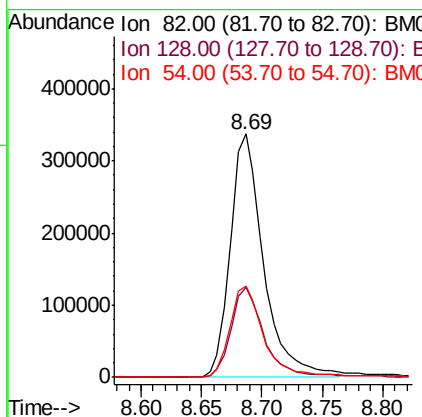
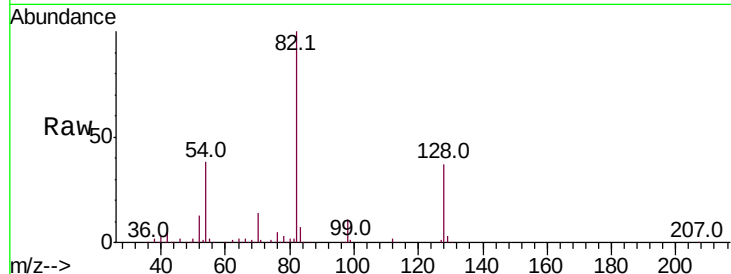




#23
Nitrobenzene-d5
Concen: 85.740 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

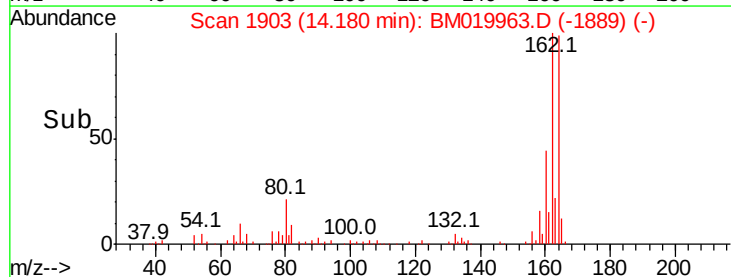
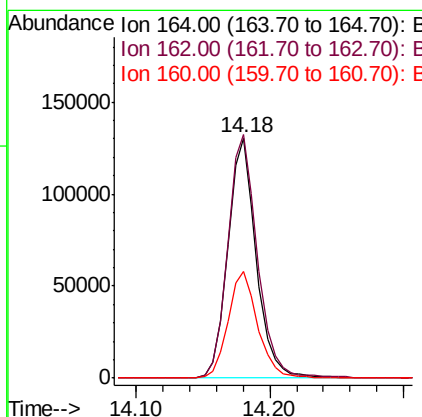
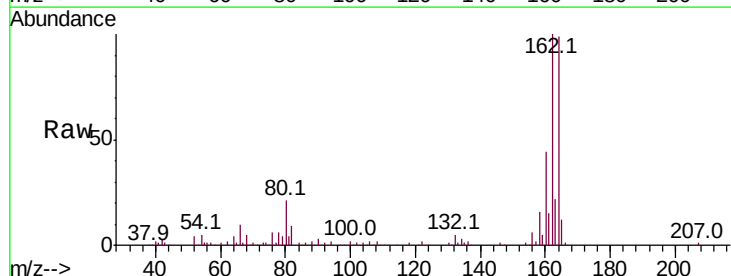
Instrument :
BNA_M
ClientSampleId :

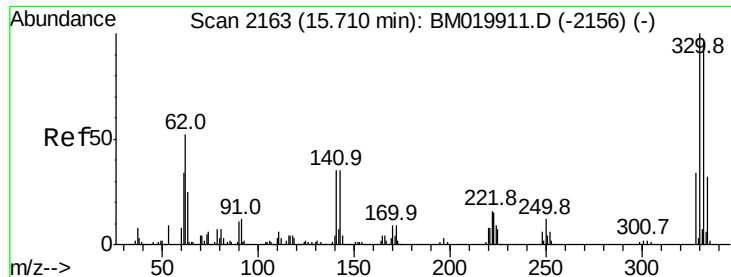
Tot Ion: 82 Resp: 650259
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.4
54 37.7 30.2 45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Tgt Ion:164 Resp: 193776
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.4
160 44.2 36.6 55.0

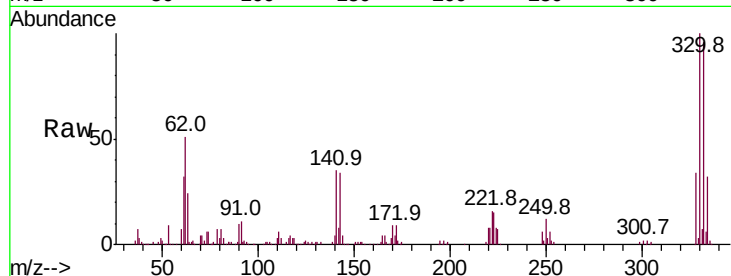




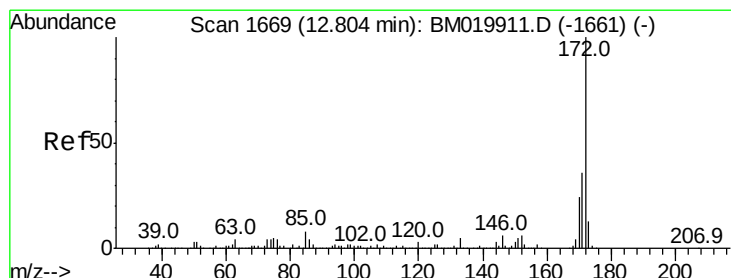
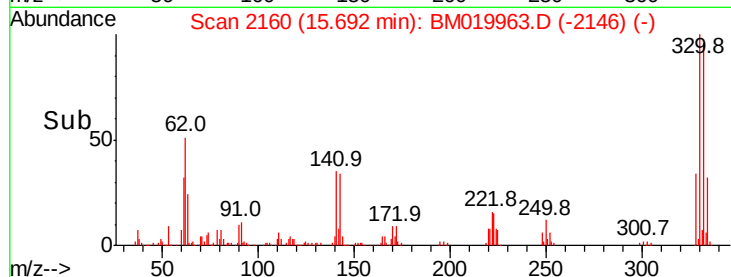
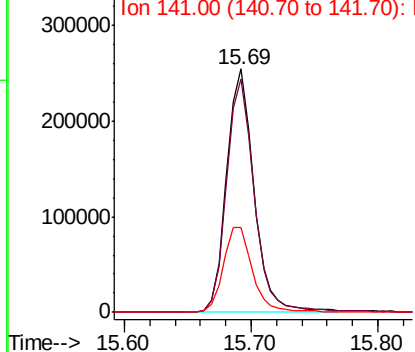
#42
 2,4,6-Tribromophenol
 Concen: 122.761 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BM019963.D
 Acq: 18 Apr 2019 20:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 382922
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 37.3 29.0 43.4

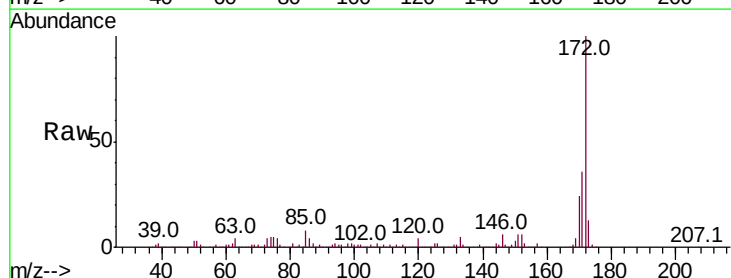


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

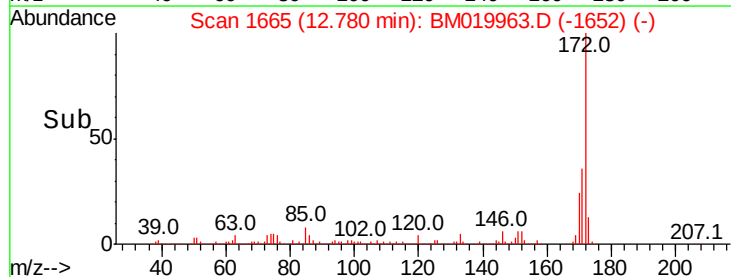
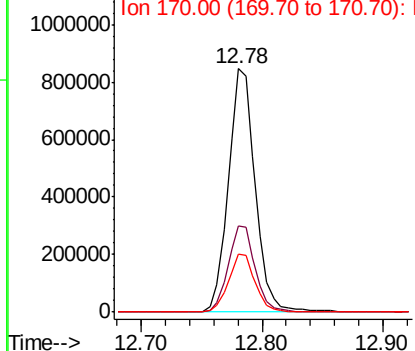


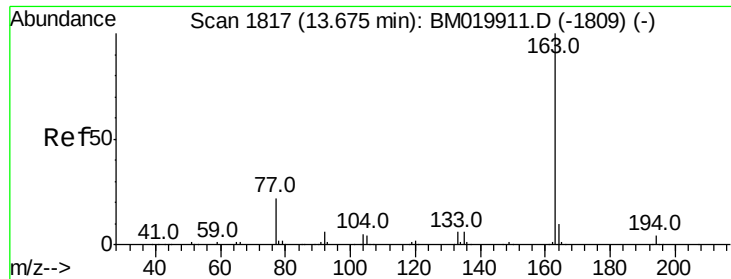
#45
 2-Fluorobiphenyl
 Concen: 84.123 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM019963.D
 Acq: 18 Apr 2019 20:56

Tgt Ion:172 Resp: 1308019
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.7 19.0 28.4



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

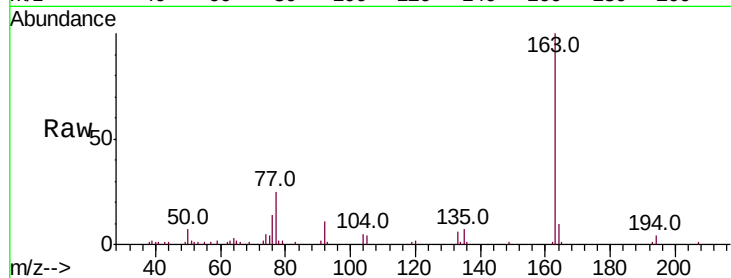




#50
Dimethylphthalate
Concen: 6.180 ng
RT: 13.66 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.4	7.9	11.9

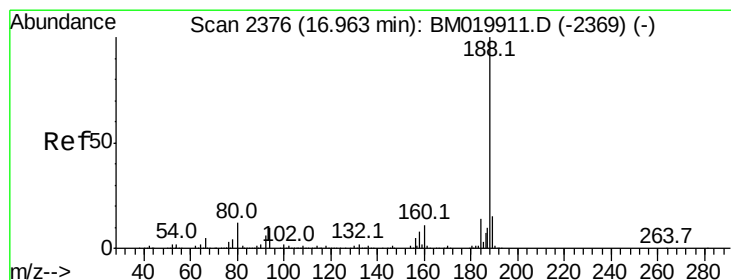
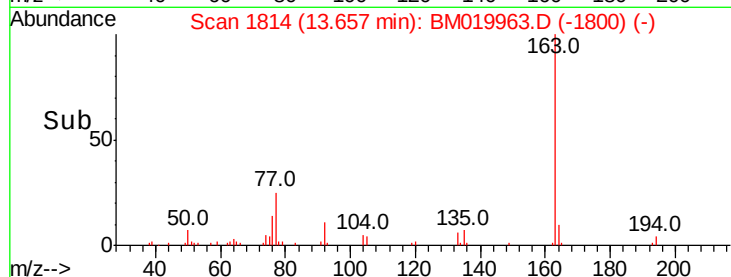
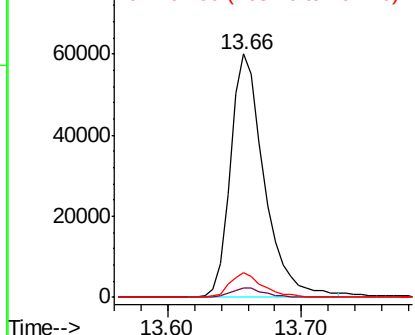


Abundance

Ion 163.00 (162.70 to 163.70): E

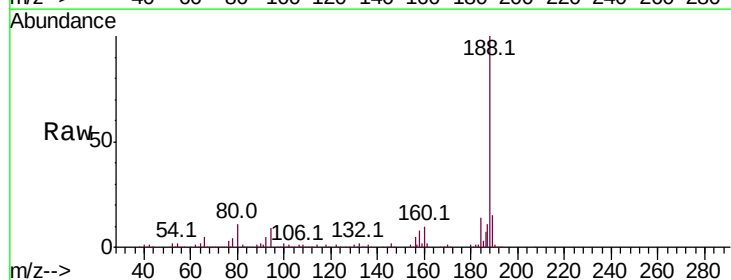
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	11.3	9.4	14.0

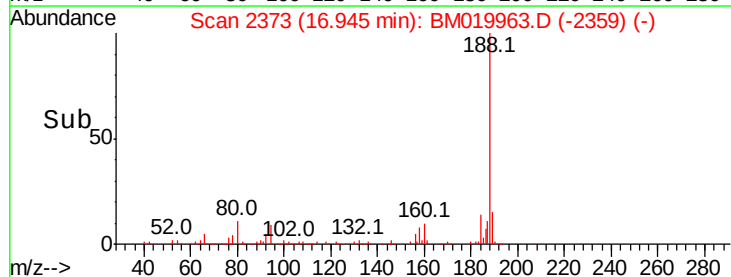
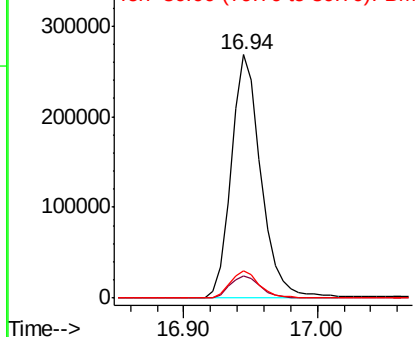


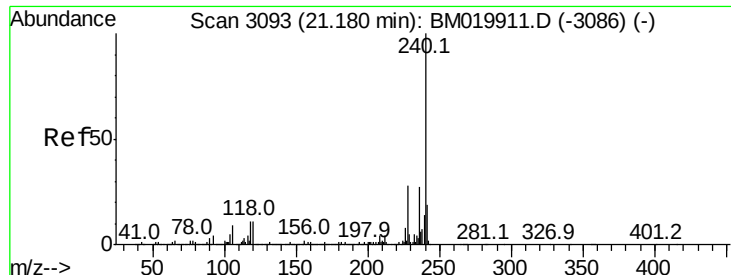
Abundance

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

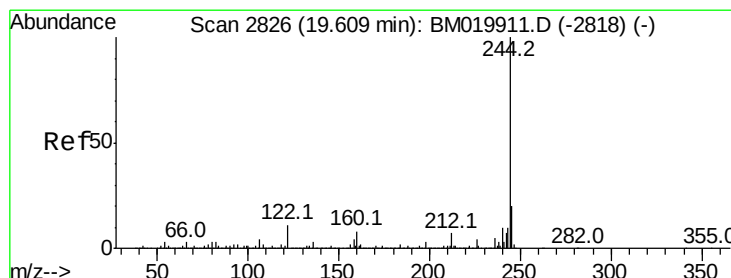
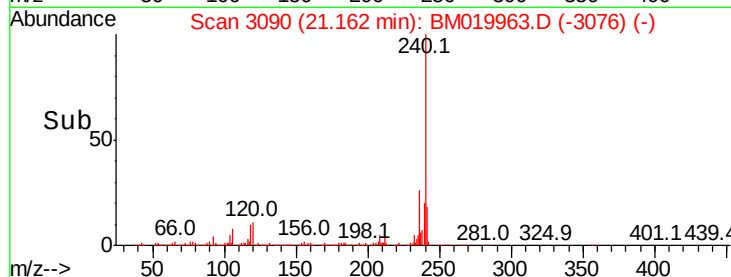
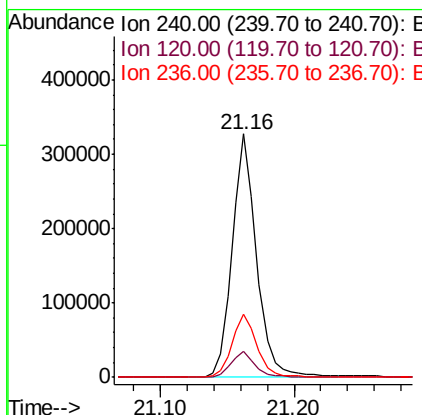
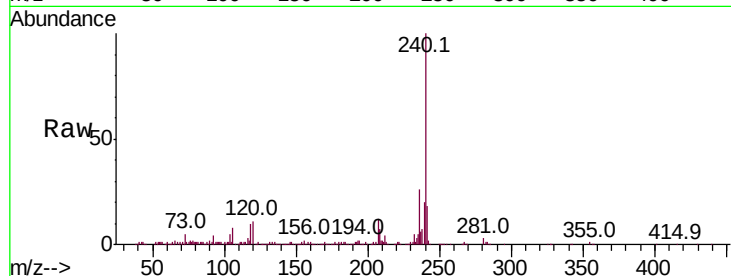




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

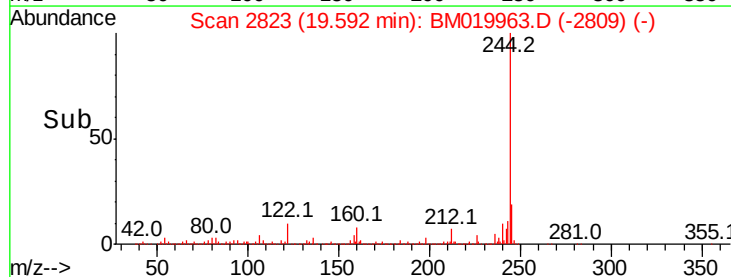
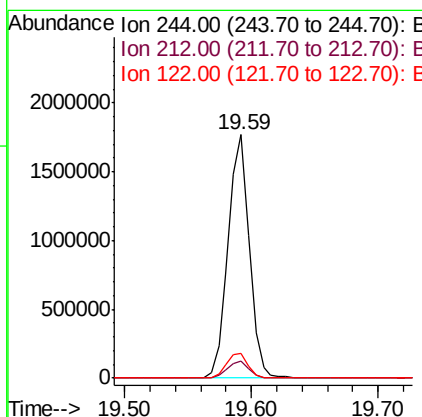
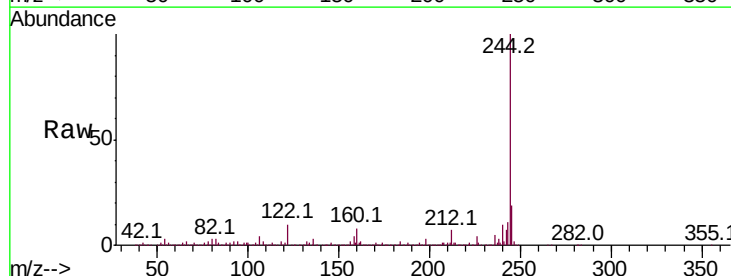
Instrument :
BNA_M
ClientSampleId :

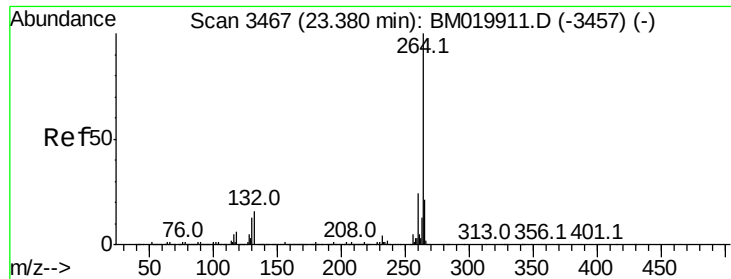
Tot Ion:240 Resp: 418410
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.8 21.4 32.2



#79
Terphenyl-d14
Concen: 86.530 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Tgt Ion:244 Resp: 2052636
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.1 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BM019963.D
Acq: 18 Apr 2019 20:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	522324
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	17.2	25.8

