

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019133.D
 Acq On : 13 Mar 2019 05:28
 Operator : JU/SJ
 Sample : K1849-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H1308-CON

Quant Time: Mar 13 06:01:43 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

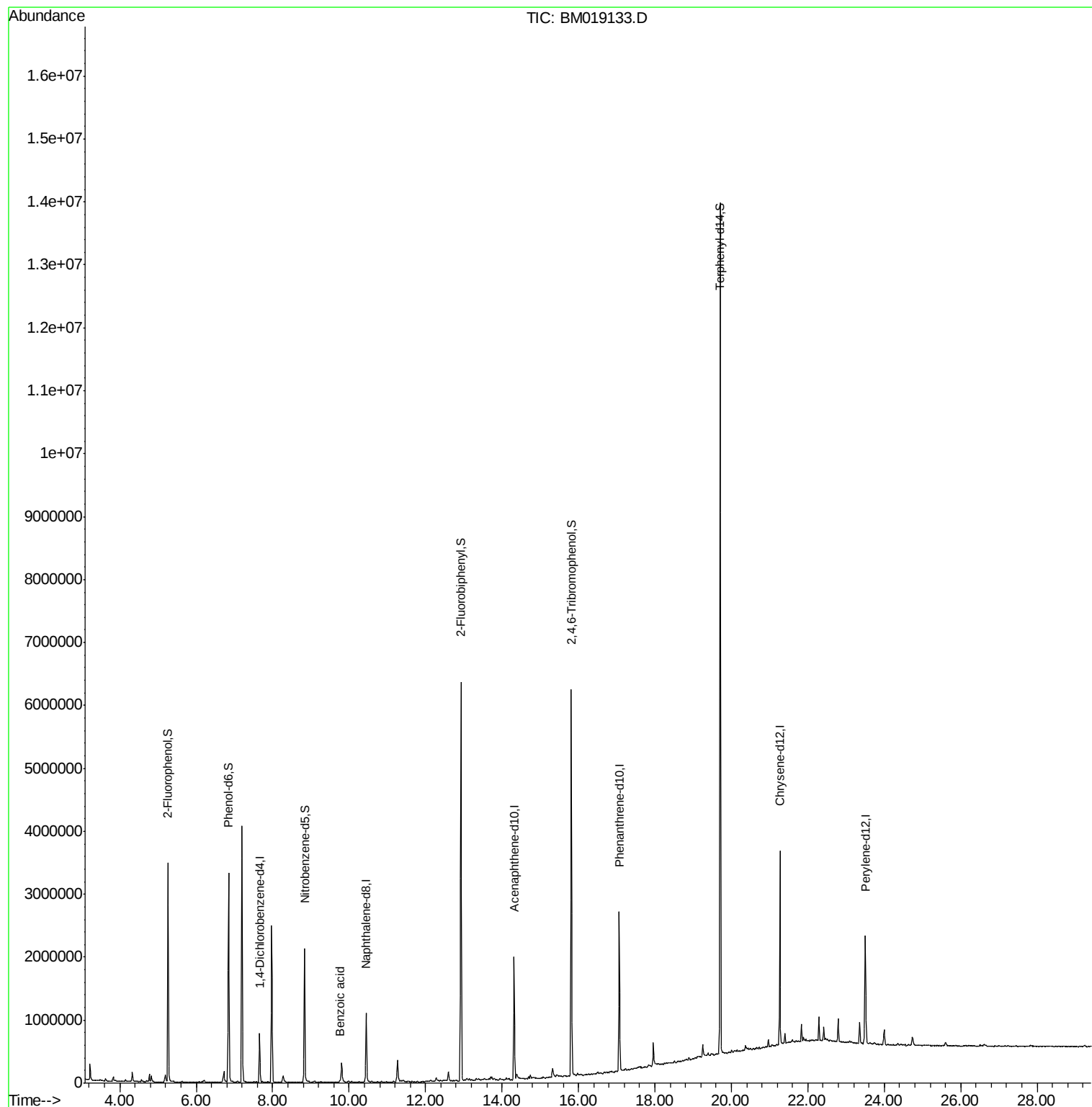
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	201789	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	886275	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	590889	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1397973	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1378902	20.00	ng	0.00
87) Perylene-d12	23.50	264	1226610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1410519	113.20	ng	0.00
7) Phenol-d6	6.85	99	1919752	105.33	ng	0.00
23) Nitrobenzene-d5	8.83	82	1391822	74.23	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1118827	128.24	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3154188	69.44	ng	0.00
79) Terphenyl-d14	19.71	244	5592845	80.52	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	21198	2.083	ng	Qvalue 90

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

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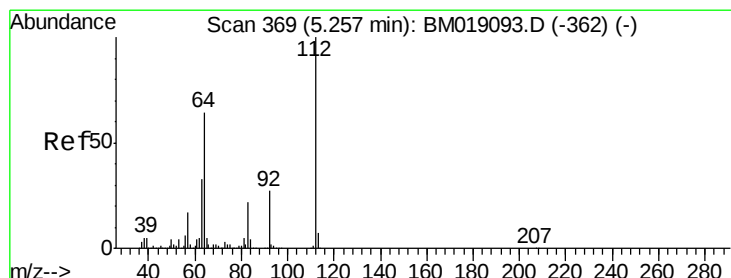
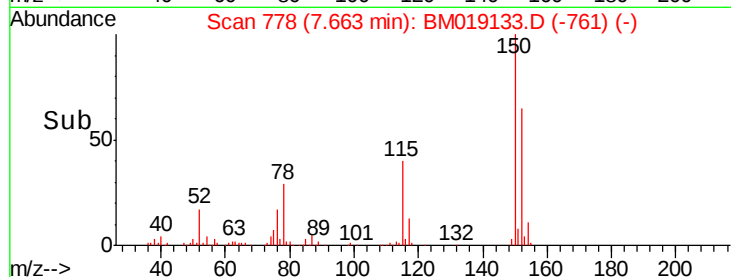
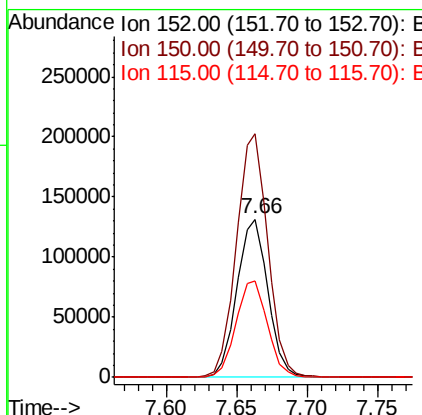
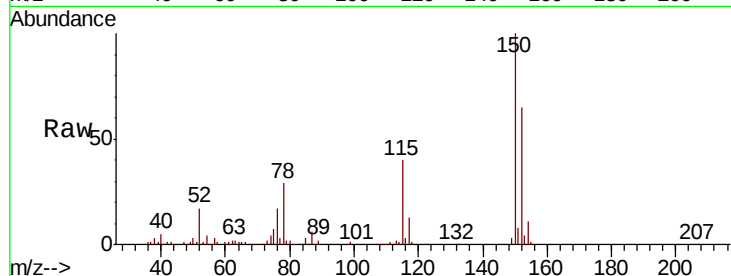


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019133.D
Acq: 13 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
H1308-CON

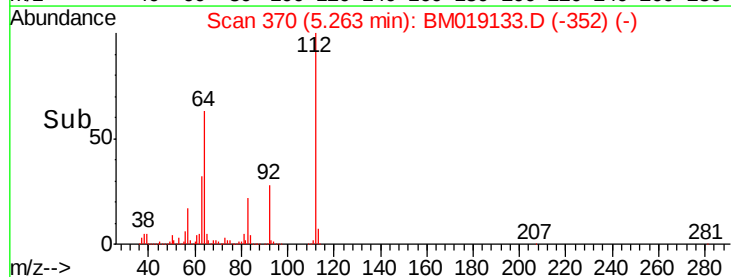
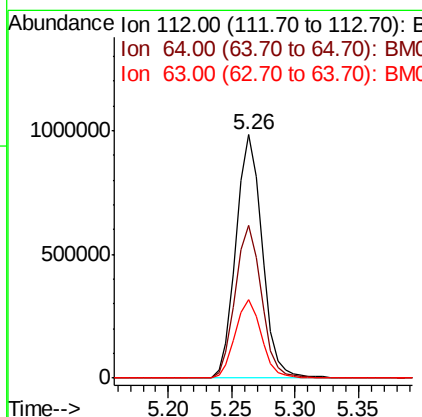
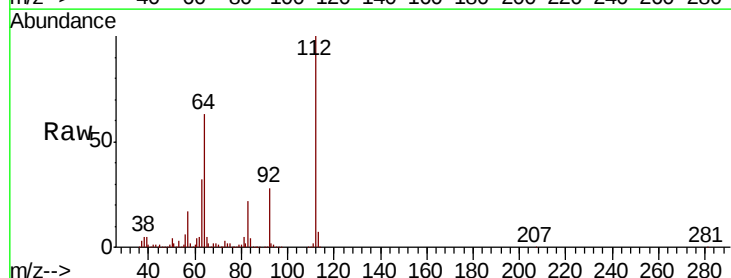
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	60.9	49.4	74.0

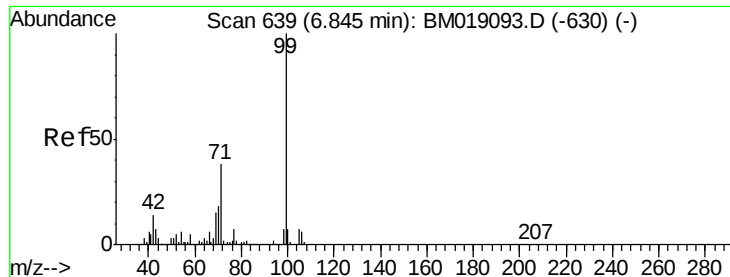


#5

2-Fluorophenol
Concen: 113.203 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019133.D
Acq: 13 Mar 2019 05:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.4	77.0
63	32.1	26.6	40.0





#7

Phenol-d6

Concen: 105.333 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019133.D

Acq: 13 Mar 2019 05:28

Instrument :

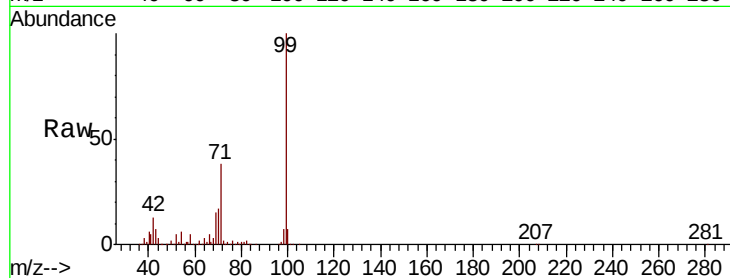
BNA_M

ClientSampleId :

H1308-CON

Tot Ion: 99 Resp: 1919752

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.9	16.3
71	37.8	30.3	45.5

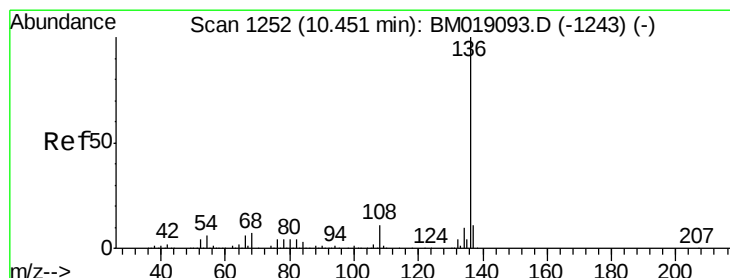
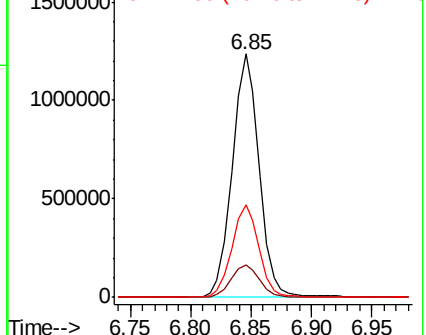
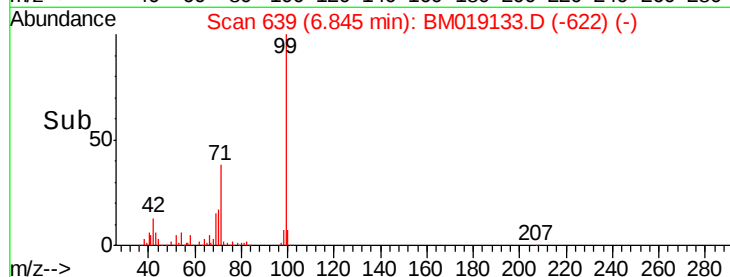


Abundance

Ion 99.00 (98.70 to 99.70): BM019133.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019133.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019133.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

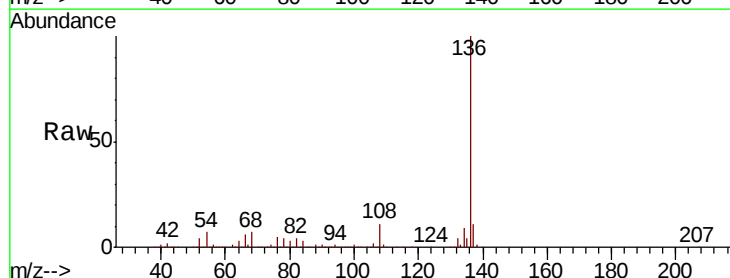
Delta R.T. -0.01 min

Lab File: BM019133.D

Acq: 13 Mar 2019 05:28

Tgt Ion: 136 Resp: 886275

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.2	7.8
68	6.8	5.8	8.8



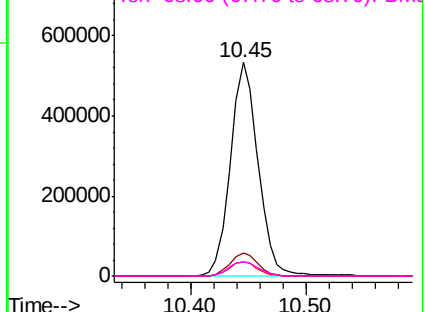
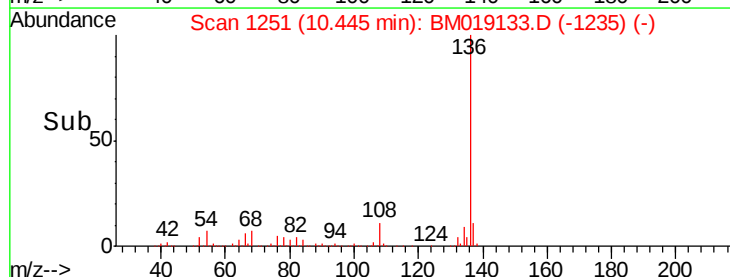
Abundance

Ion 136.00 (135.70 to 136.70): BM019133.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019133.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019133.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019133.D (-1235) (-)



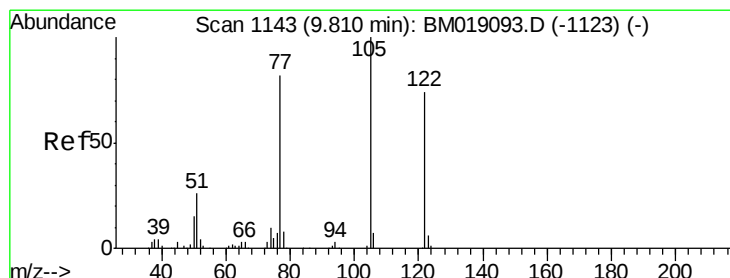
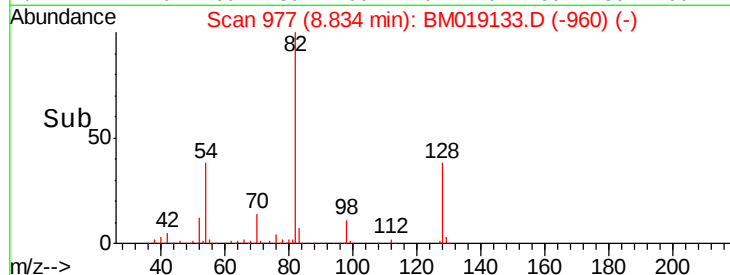
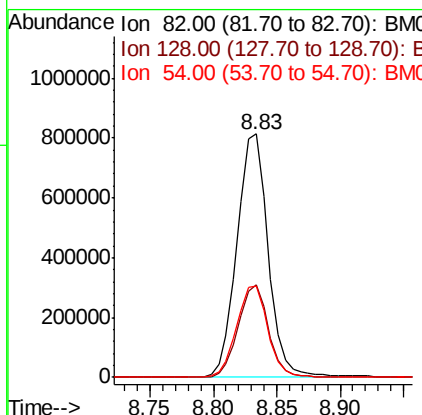
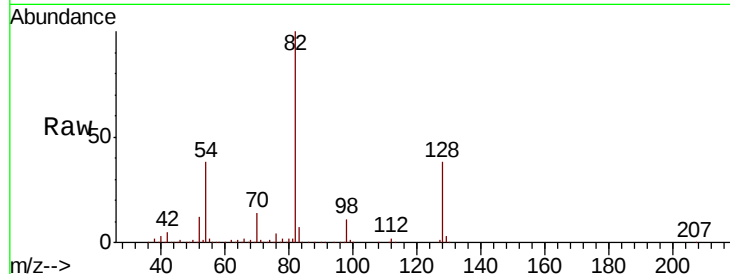


#23
 Nitrobenzene-d5
 Concen: 74.234 ng
 RT: 8.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BM019133.D
 Acq: 13 Mar 2019 05:28

Instrument :
 BNA_M
 ClientSampleId :
 H1308-CON

Tot Ion: 82 Resp: 1391822

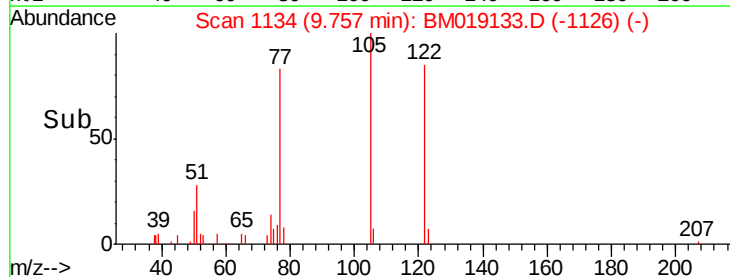
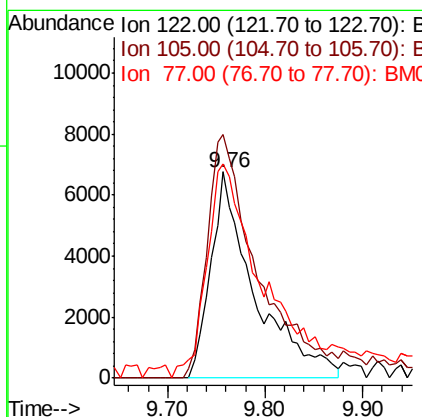
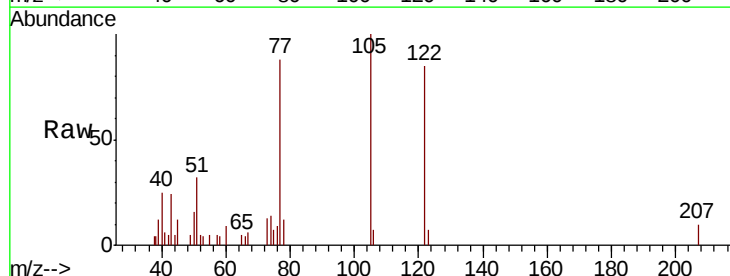
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	37.5	29.9	44.9

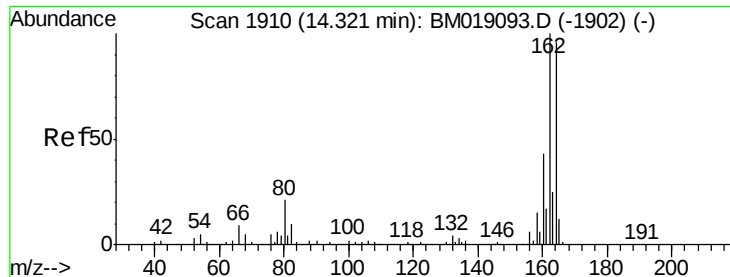


#32
 Benzoic acid
 Concen: 2.083 ng
 RT: 9.76 min Scan# 1134
 Delta R.T. -0.05 min
 Lab File: BM019133.D
 Acq: 13 Mar 2019 05:28

Tgt Ion: 122 Resp: 21198

Ion	Ratio	Lower	Upper
122	100		
105	118.0	113.0	153.0
77	103.6	90.1	130.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019133.D

Acq: 13 Mar 2019 05:28

Instrument :

BNA_M

ClientSampleId :

H1308-CON

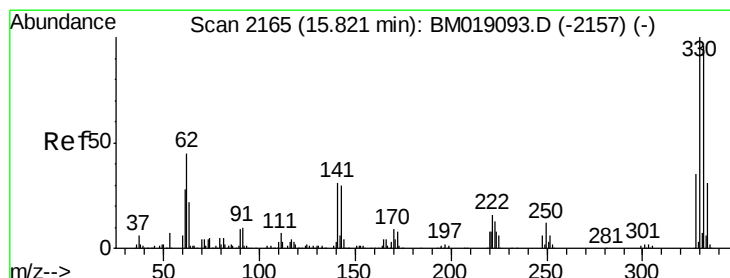
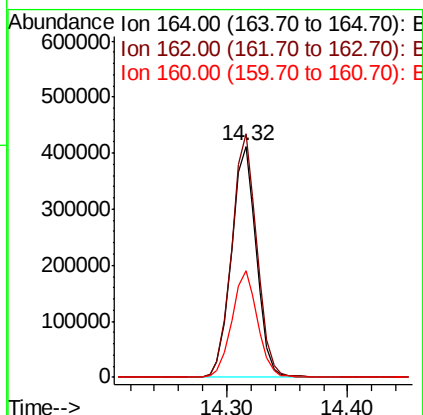
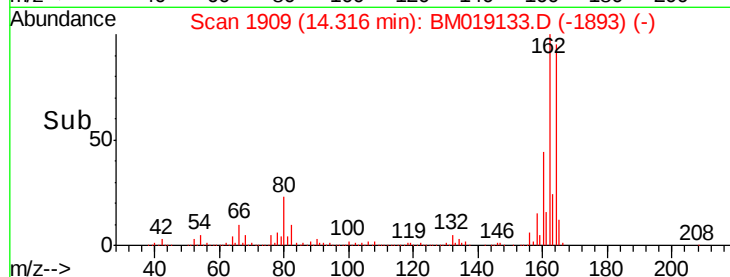
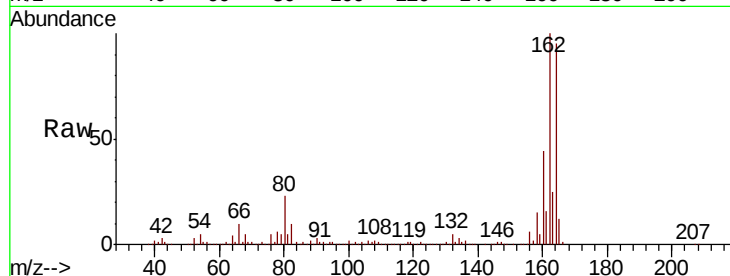
Tot Ion:164 Resp: 590889

Ion Ratio Lower Upper

164 100

162 105.5 83.5 125.3

160 46.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 128.243 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019133.D

Acq: 13 Mar 2019 05:28

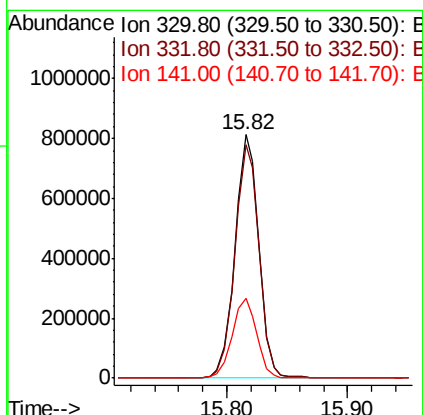
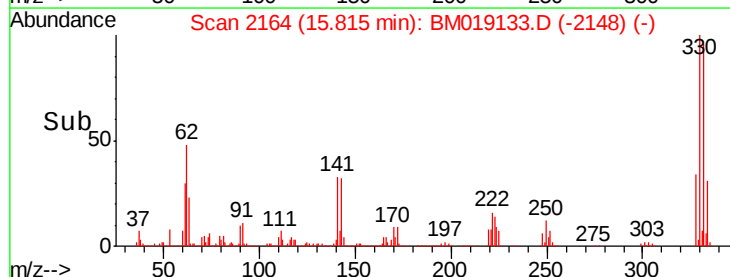
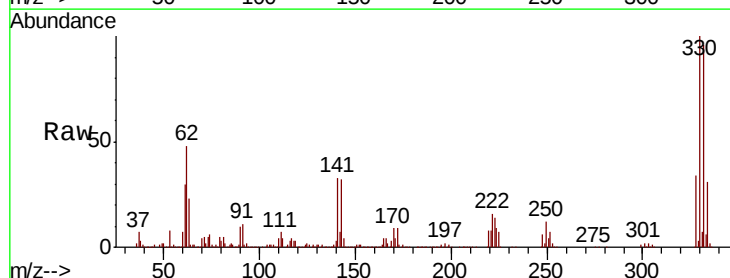
Tgt Ion:330 Resp: 1118827

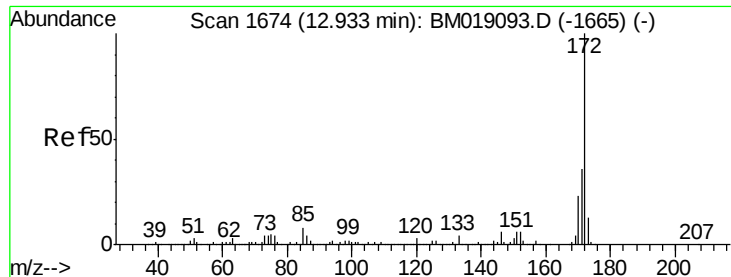
Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 33.7 27.0 40.4

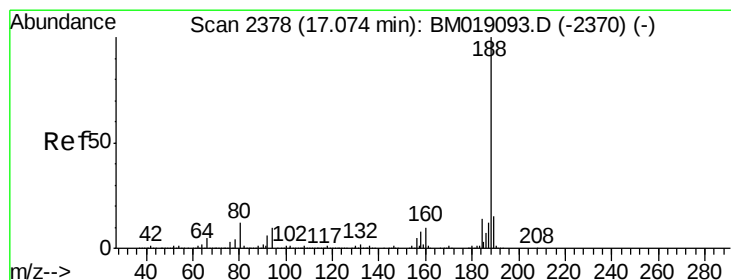
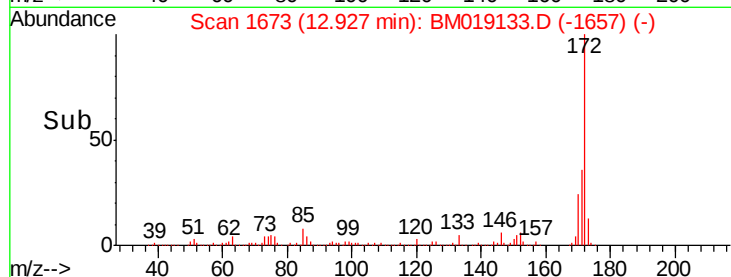
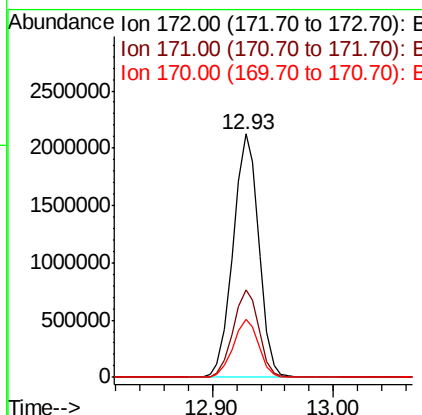
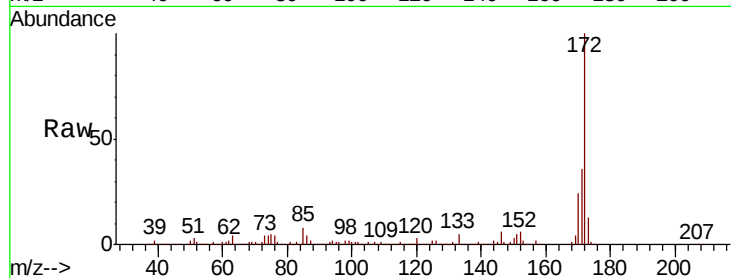




#45
2-Fluorobiphenyl
Concen: 69.435 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019133.D
Acq: 13 Mar 2019 05:28

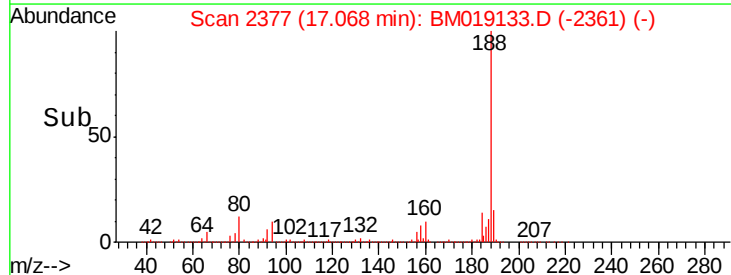
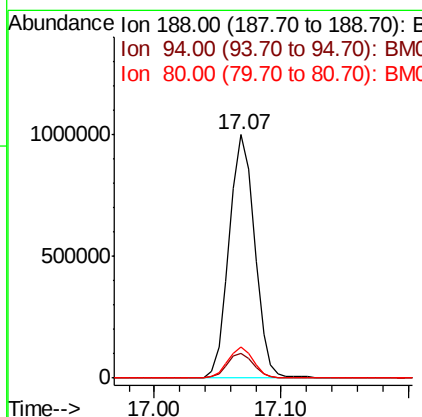
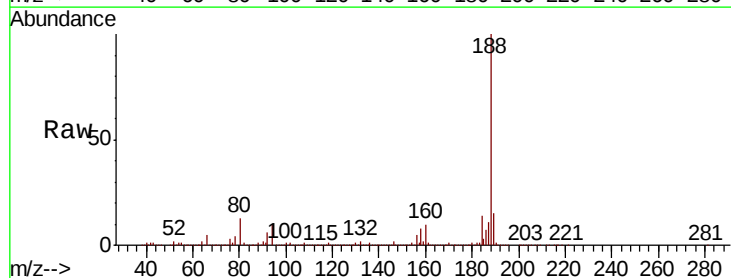
Instrument :
BNA_M
ClientSampled :
H1308-CON

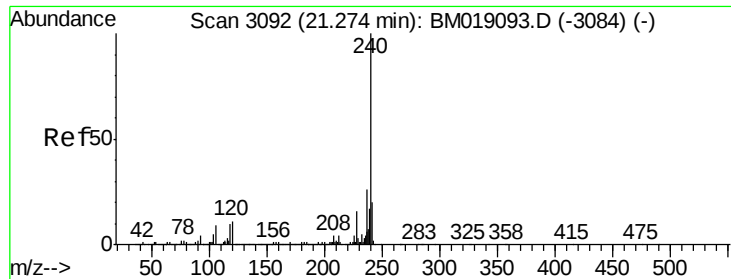
Tot Ion:172 Resp: 3154188
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.7 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019133.D
Acq: 13 Mar 2019 05:28

Tgt Ion:188 Resp: 1397973
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 12.6 9.7 14.5



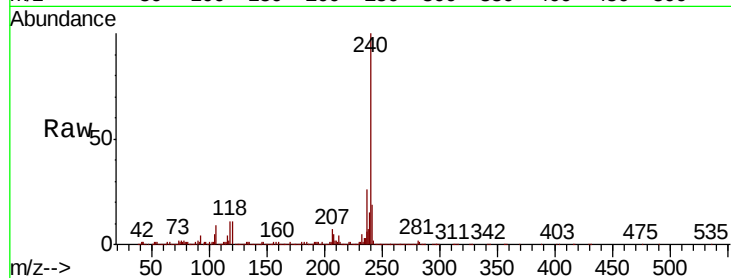


#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM019133.D
 Acq: 13 Mar 2019 05:28

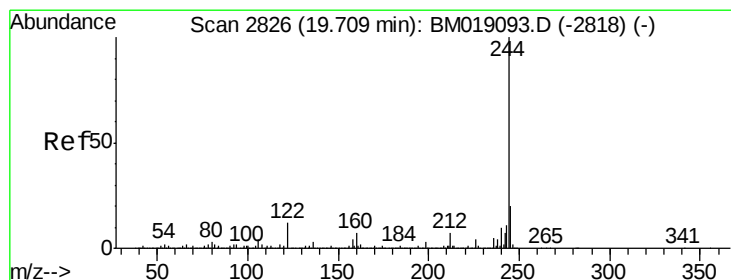
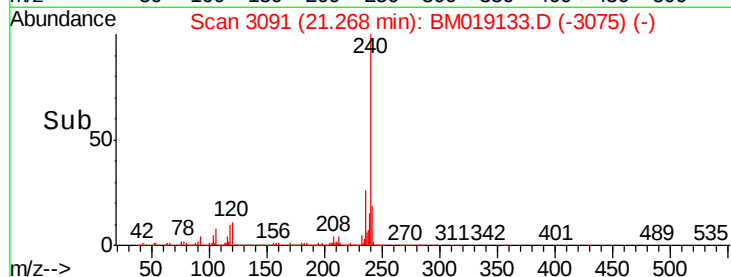
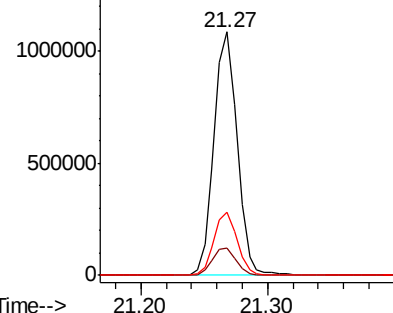
Instrument :
 BNA_M
 ClientSampleId :
 H1308-CON

Tot Ion:240 Resp: 1378902

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.8	21.0	31.4



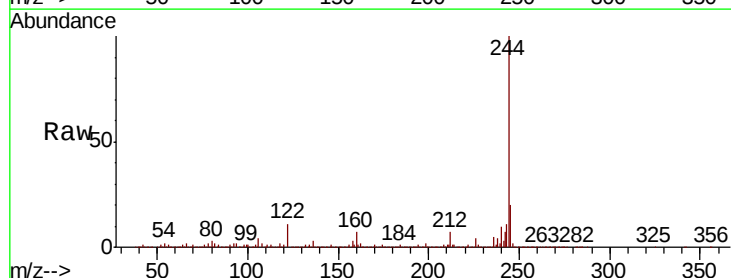
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



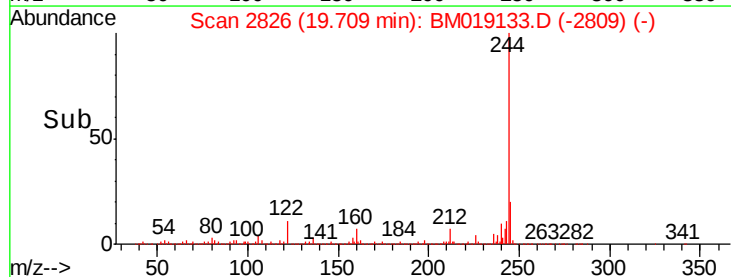
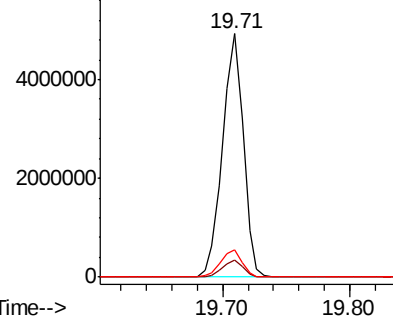
#79
 Terphenyl-d14
 Concen: 80.521 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BM019133.D
 Acq: 13 Mar 2019 05:28

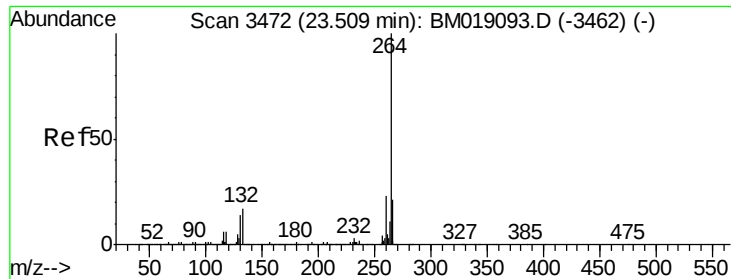
Tgt Ion:244 Resp: 5592845

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.0	9.4	14.2



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019133.D
Acq: 13 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
H1308-CON

Tot Ion:264 Resp: 1226610

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.8	17.3	25.9

