

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019274.D
 Acq On : 20 Mar 2019 22:35
 Operator : JU/SJ
 Sample : K1964-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:15:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	205103	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	904950	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	576269	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1205914	20.00	ng	0.00
76) Chrysene-d12	21.24	240	904237	20.00	ng	0.00
87) Perylene-d12	23.47	264	881063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	736979	58.19	ng	0.00
7) Phenol-d6	6.82	99	657839	35.51	ng	0.00
23) Nitrobenzene-d5	8.80	82	1653341	86.36	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1148996	135.04	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3723269	84.04	ng	0.00
79) Terphenyl-d14	19.69	244	5010740	110.01	ng	0.00

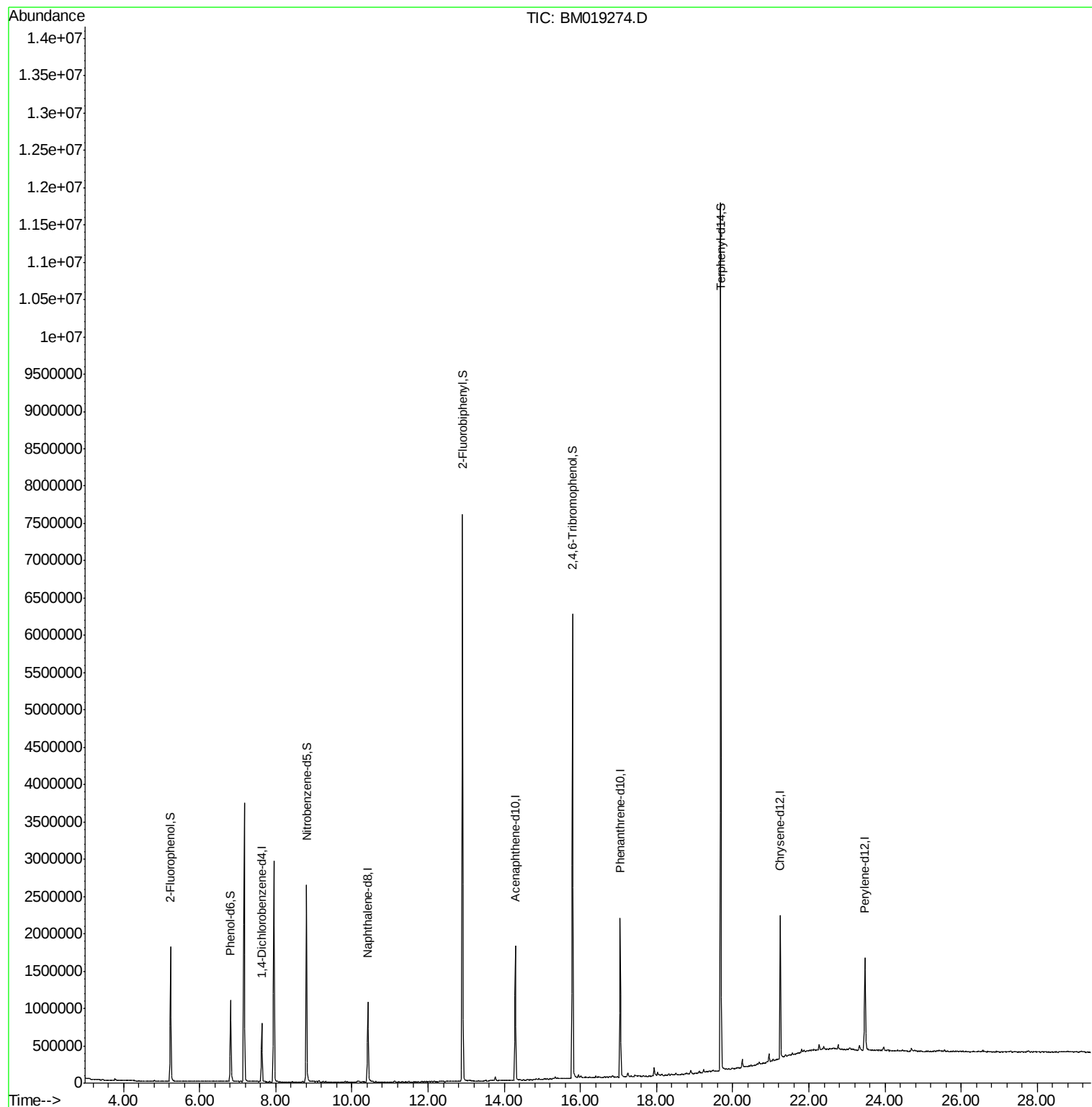
Target Compounds Qvalue

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

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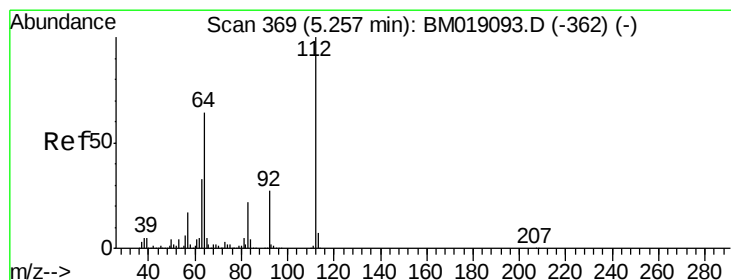
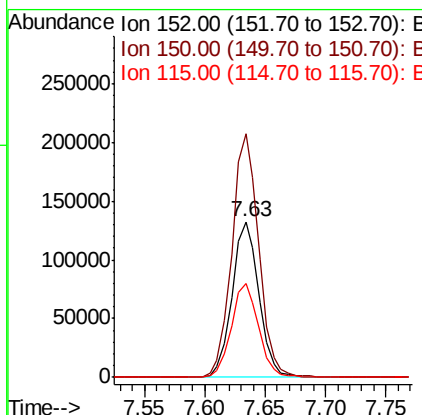
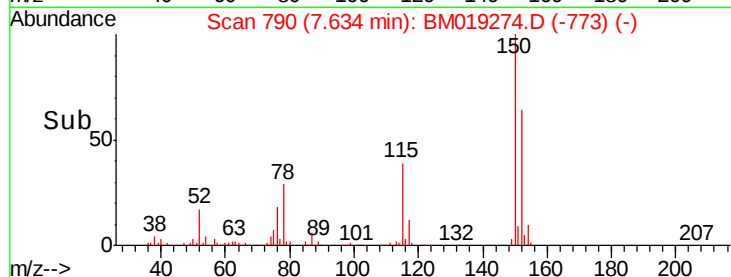
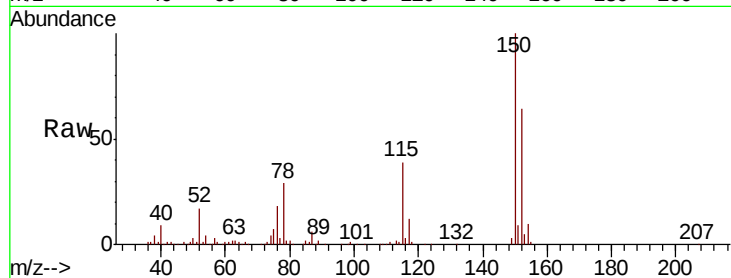


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019274.D
Acq: 20 Mar 2019 22:35

Instrument :
BNA_M
ClientSampleId :

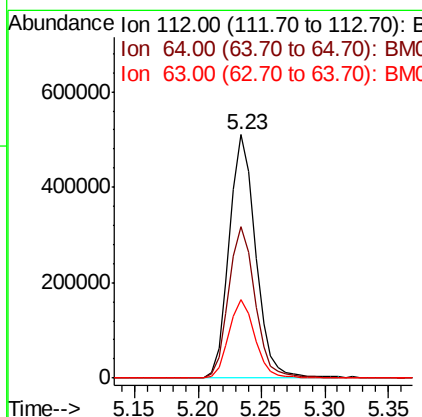
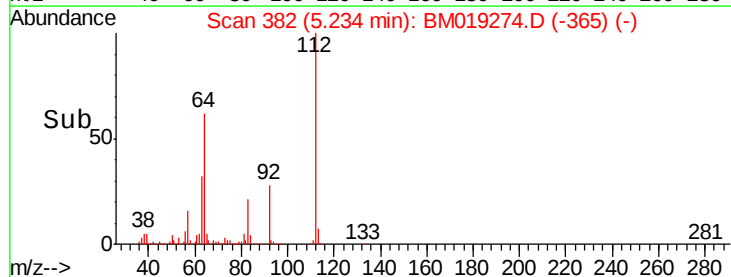
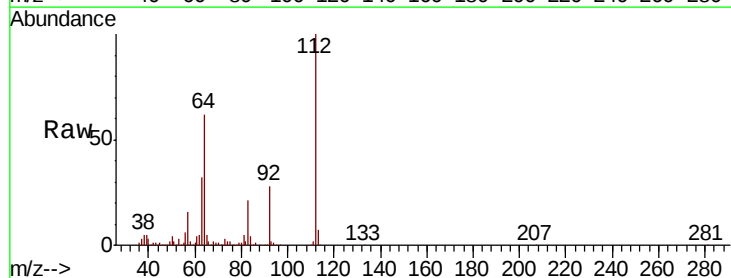
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	60.8	48.9	73.3

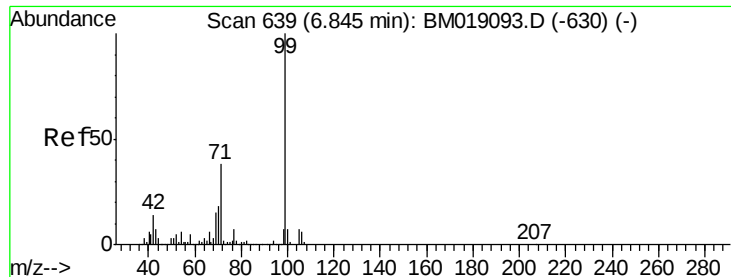


#5

2-Fluorophenol
Concen: 58.191 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019274.D
Acq: 20 Mar 2019 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.6	75.8
63	32.4	25.8	38.6





#7

Phenol-d6

Concen: 35.511 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019274.D

Acq: 20 Mar 2019 22:35

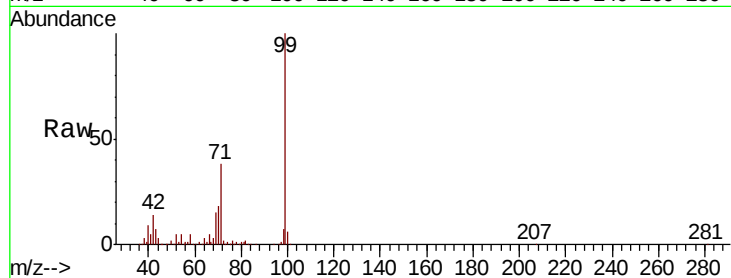
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 657839

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	37.5	30.1	45.1

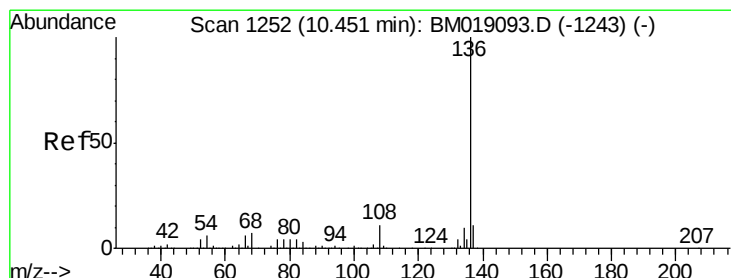
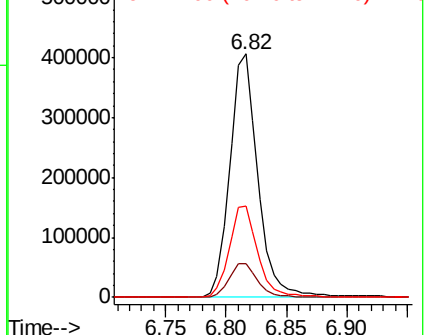
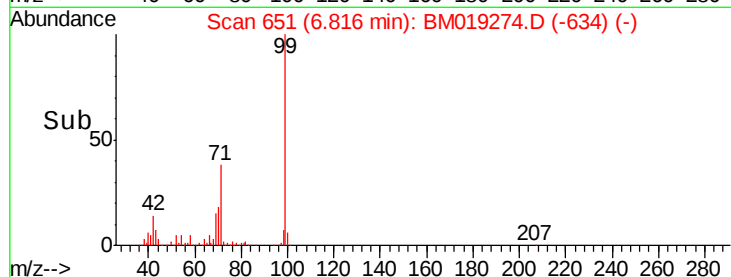


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

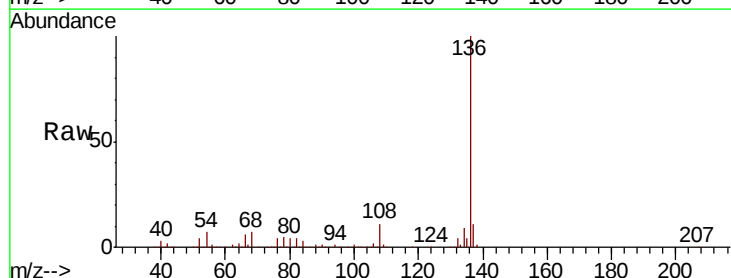
Delta R.T. 0.00 min

Lab File: BM019274.D

Acq: 20 Mar 2019 22:35

Tgt Ion: 136 Resp: 904950

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.8	5.5	8.3
68	7.1	6.0	9.0



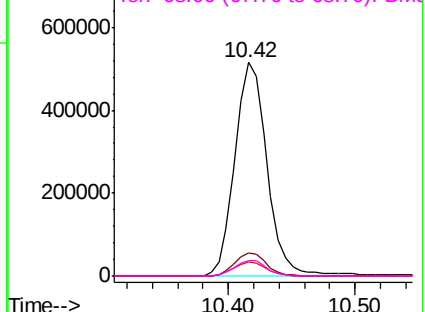
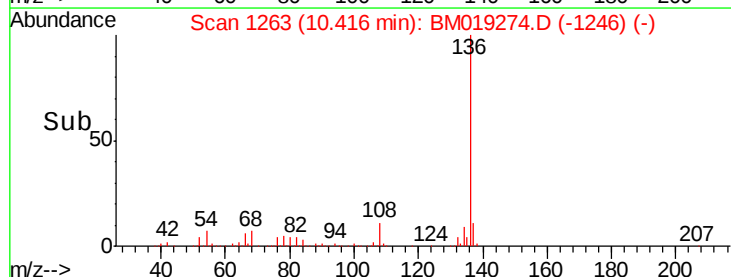
Abundance

Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

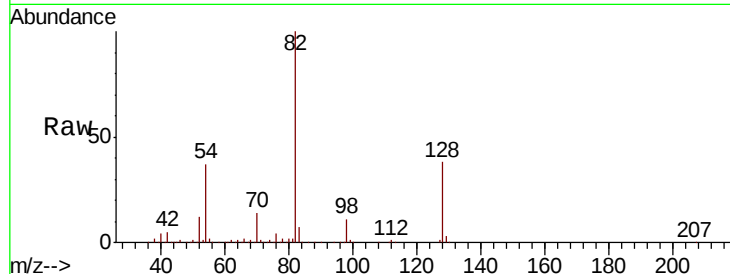




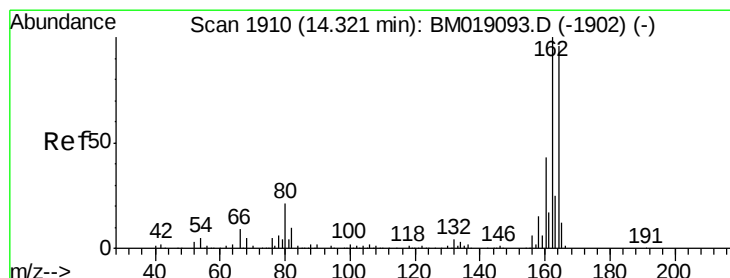
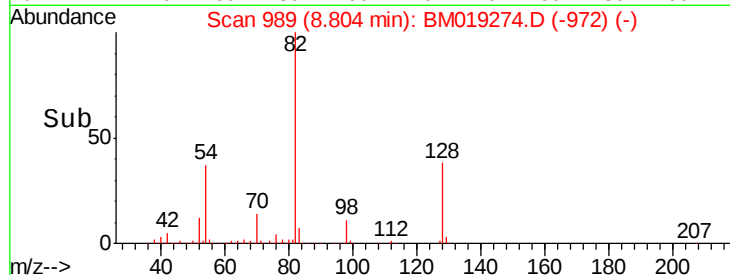
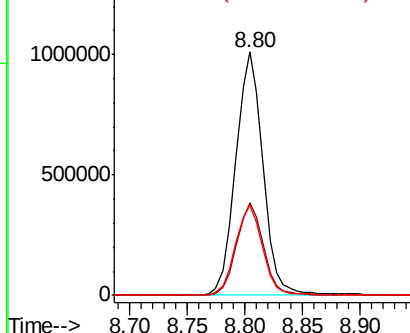
#23
Nitrobenzene-d5
Concen: 86.362 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019274.D
Acq: 20 Mar 2019 22:35

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1653341
Ion Ratio Lower Upper
82 100
128 38.1 30.2 45.4
54 37.2 30.2 45.2

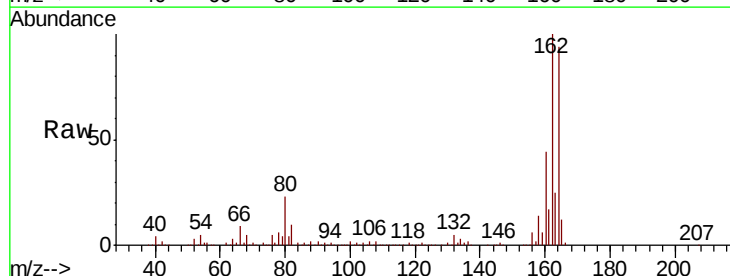


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

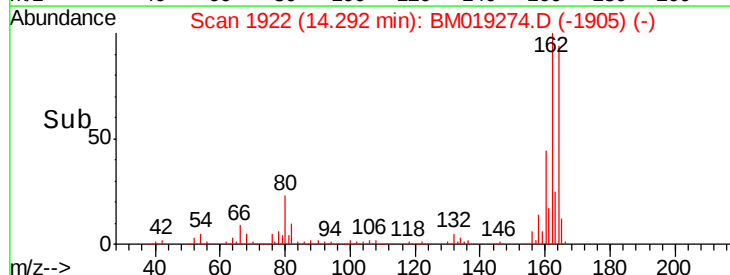
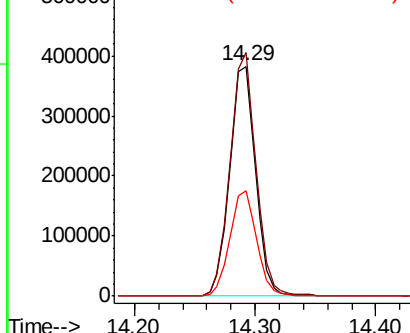


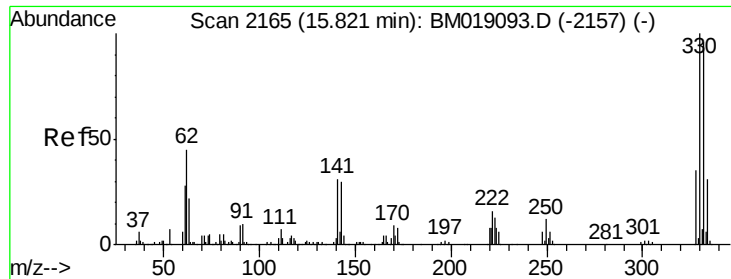
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM019274.D
Acq: 20 Mar 2019 22:35

Tgt Ion:164 Resp: 576269
Ion Ratio Lower Upper
164 100
162 106.0 84.1 126.1
160 46.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)
Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)
Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)





#42

2,4,6-Tribromophenol

Concen: 135.042 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019274.D

Acq: 20 Mar 2019 22:35

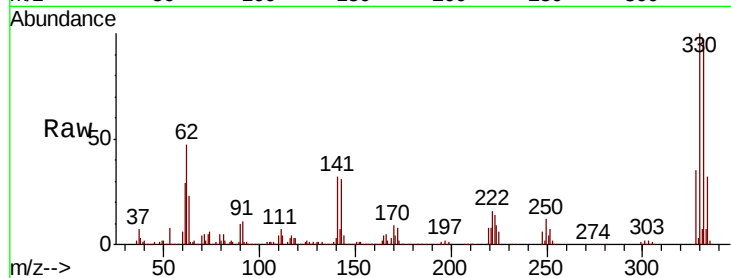
Instrument :

BNA_M

ClientSampled :

Tot Ion:330 Resp: 1148996

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	31.7	25.7	38.5

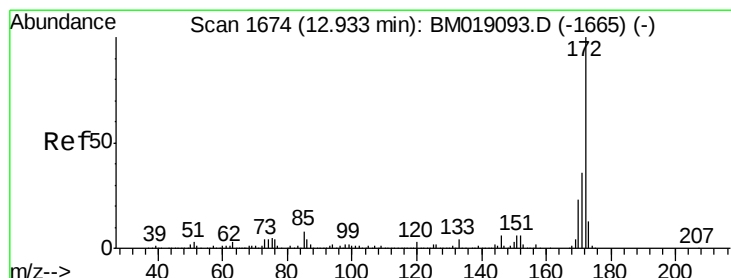
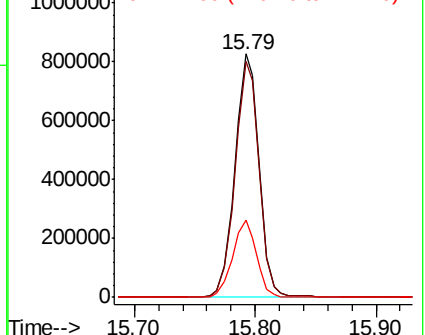
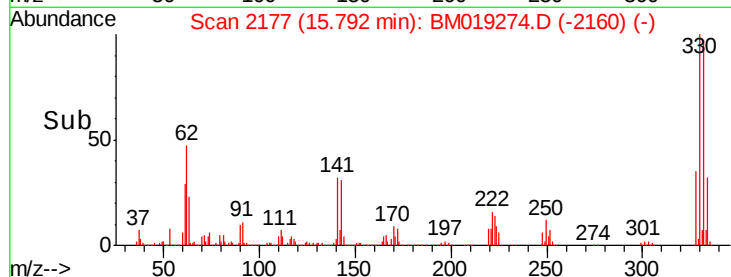


Abundance

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: 84.042 ng

RT: 12.90 min Scan# 1686

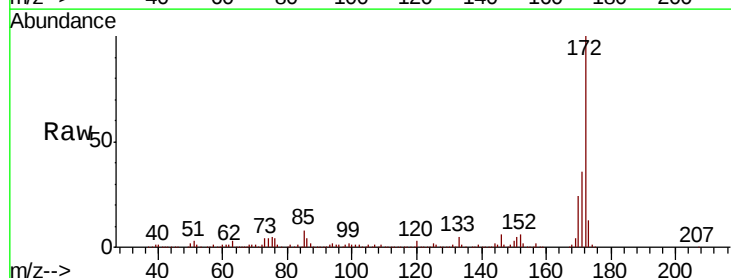
Delta R.T. 0.00 min

Lab File: BM019274.D

Acq: 20 Mar 2019 22:35

Tgt Ion:172 Resp: 3723269

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.7	18.9	28.3

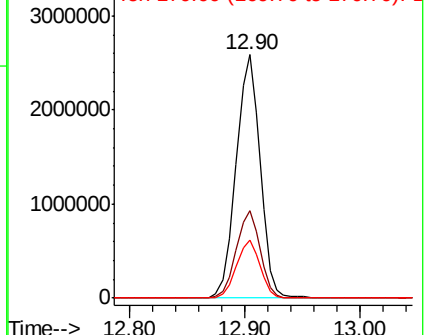
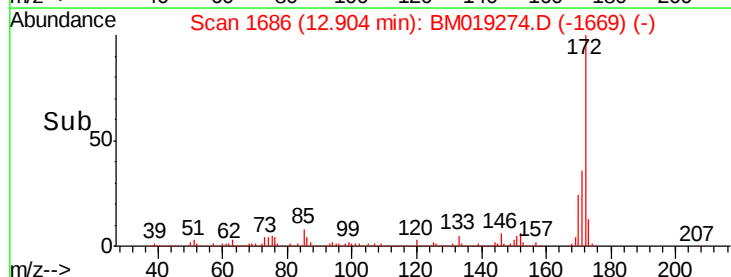


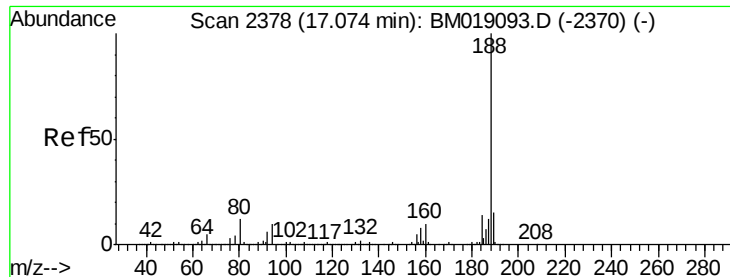
Abundance

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

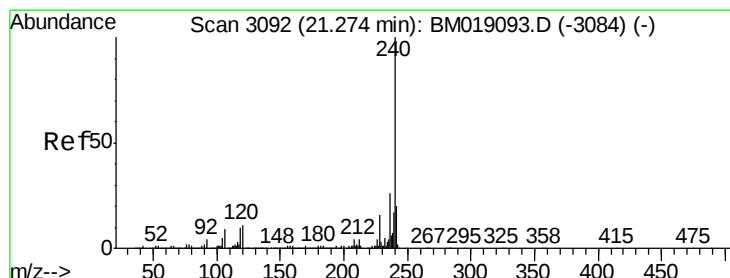
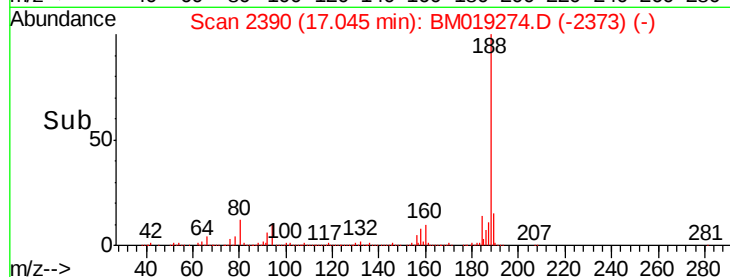
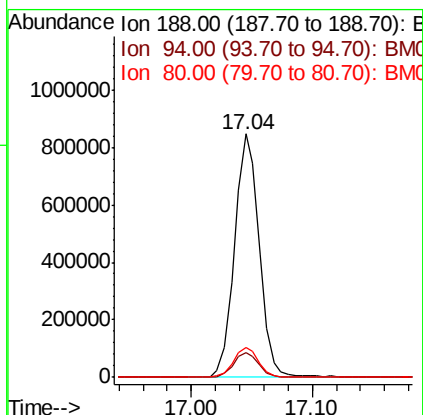
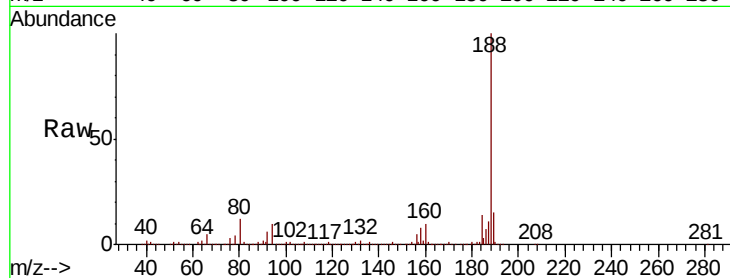




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019274.D
Acq: 20 Mar 2019 22:35

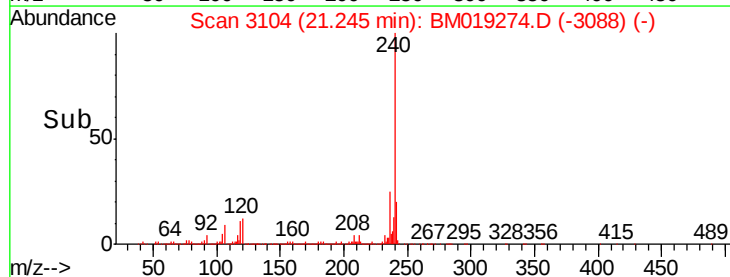
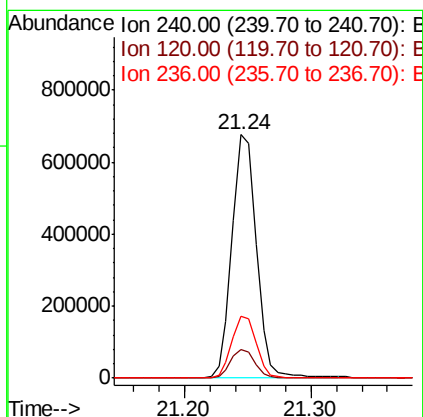
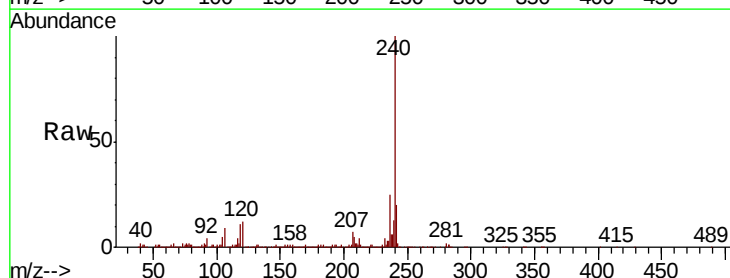
Instrument :
BNA_M
ClientSampleId :

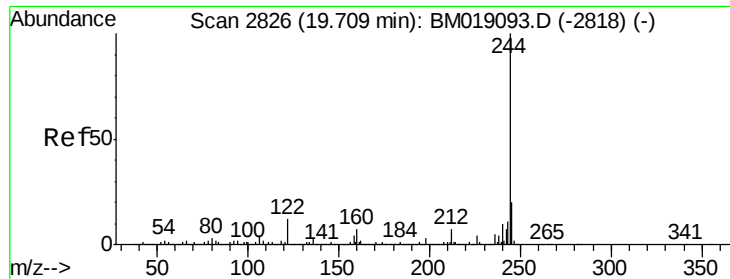
Tot Ion:188 Resp: 1205914
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 12.1 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019274.D
Acq: 20 Mar 2019 22:35

Tgt Ion:240 Resp: 904237
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 110.009 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019274.D

Acq: 20 Mar 2019 22:35

Instrument :

BNA_M

ClientSampled :

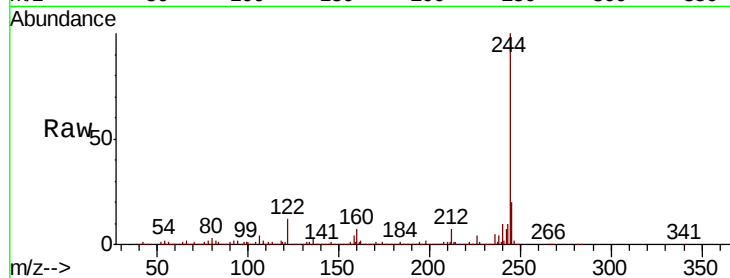
Tot Ion:244 Resp: 5010740

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

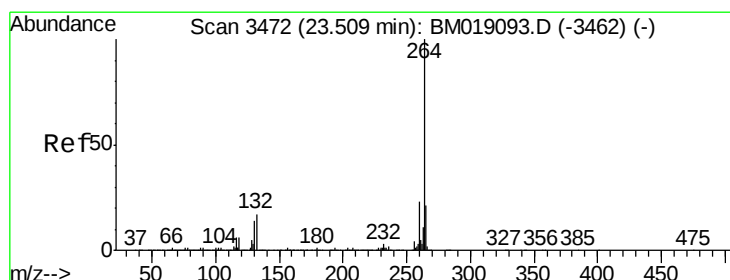
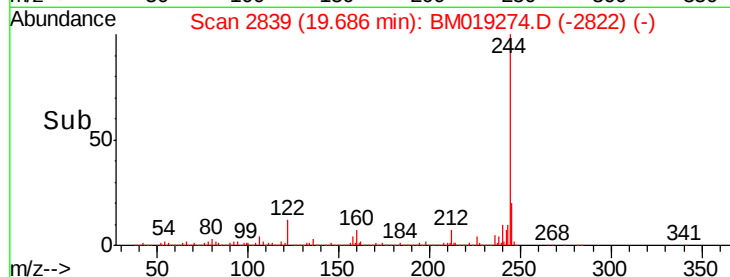
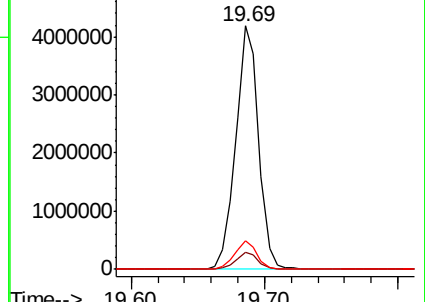
122 11.7 9.6 14.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM019274.D

Acq: 20 Mar 2019 22:35

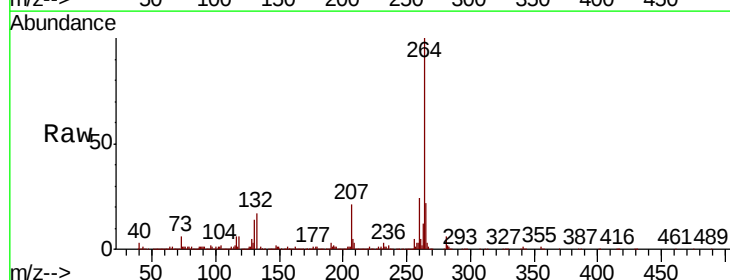
Tgt Ion:264 Resp: 881063

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 22.5 17.6 26.4



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

