

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019116.D
 Acq On : 12 Mar 2019 17:42
 Operator : JU/SJ
 Sample : K1817-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-SW010-2-030619

Quant Time: Mar 13 03:54:12 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

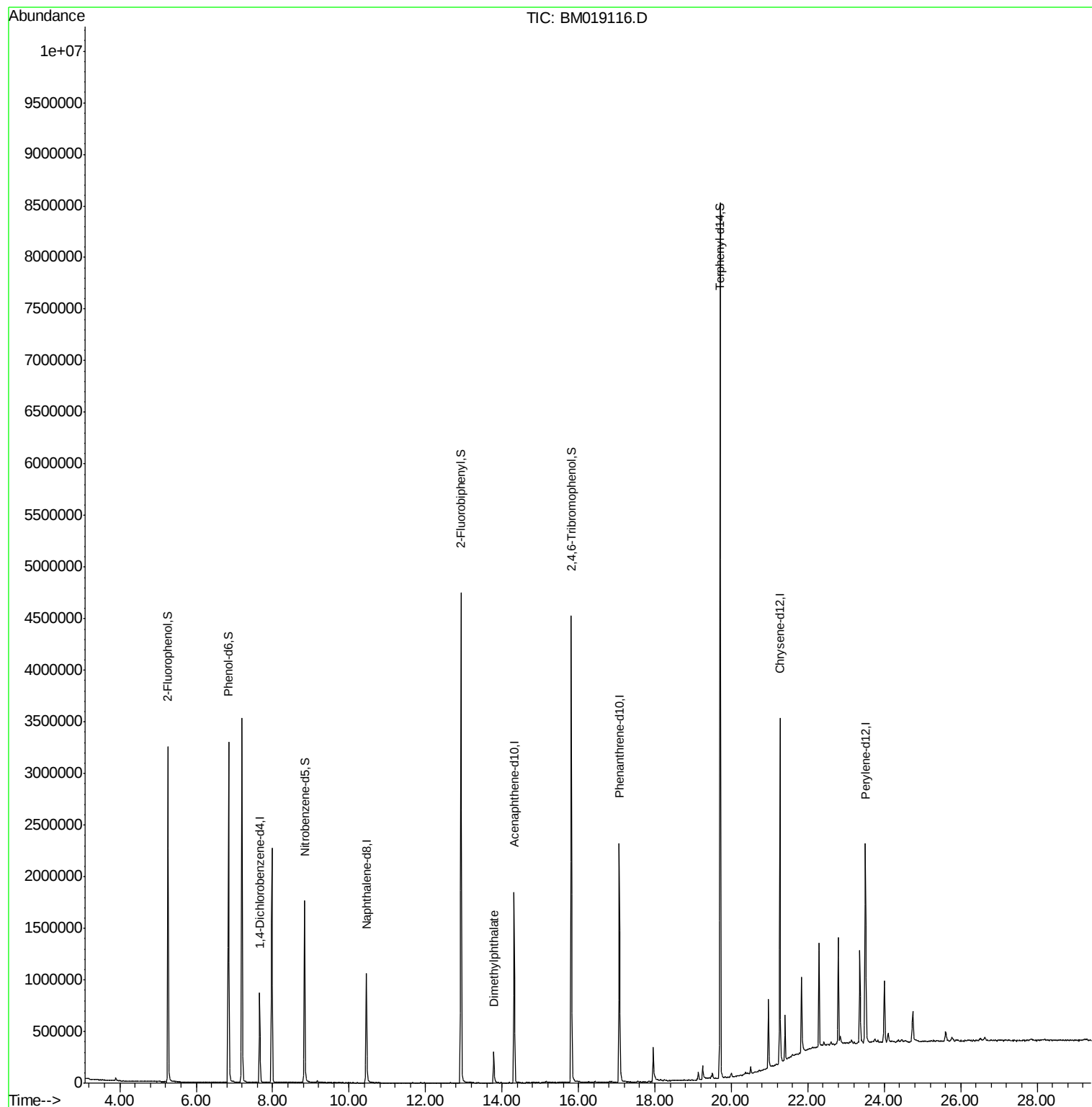
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	220000	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	920739	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	587284	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1365235	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1410219	20.00	ng	0.00
87) Perylene-d12	23.51	264	1355255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1347943	99.23	ng	0.00
7) Phenol-d6	6.85	99	1960319	98.66	ng	0.00
23) Nitrobenzene-d5	8.83	82	1177853	60.47	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	799815	92.24	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2354484	52.15	ng	0.00
79) Terphenyl-d14	19.71	244	3771493	53.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.79	163	215024	4.280	ng	99

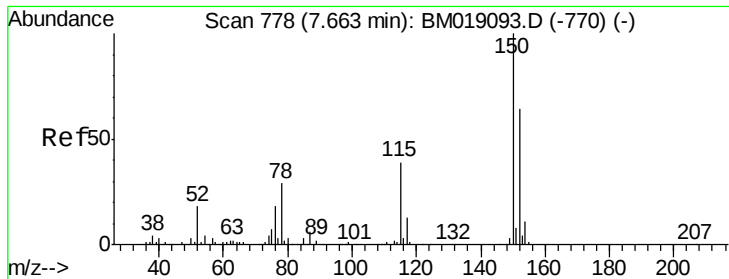
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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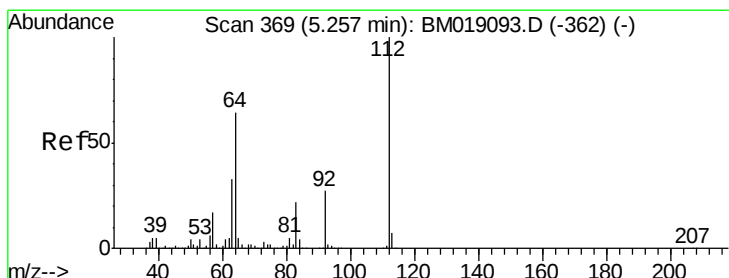
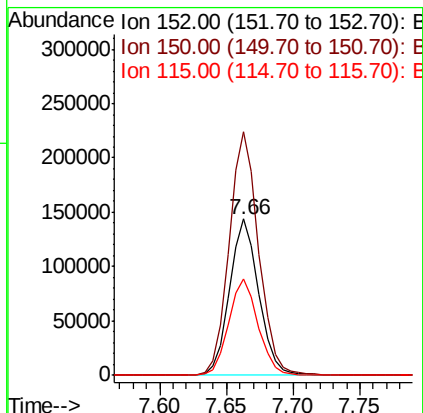
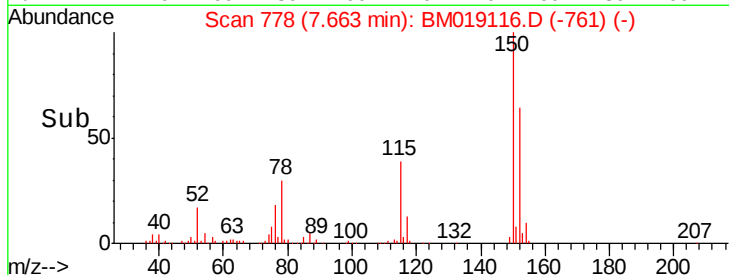
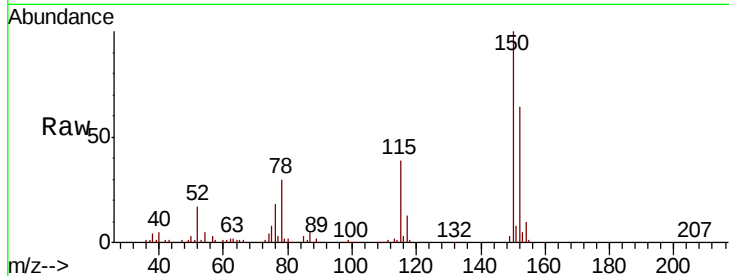


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

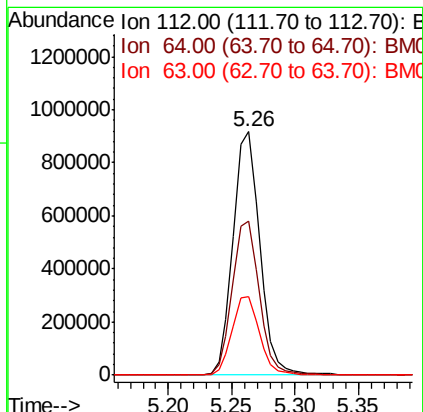
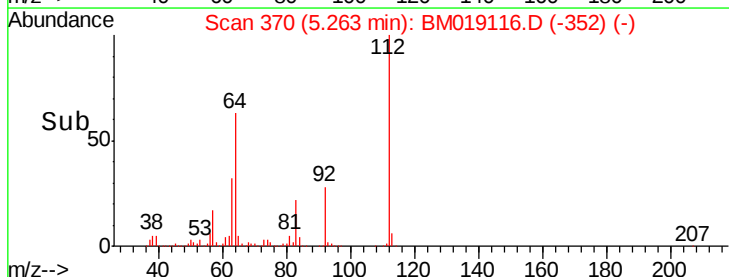
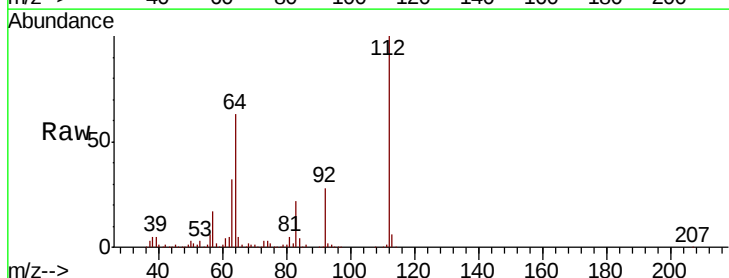
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.3	187.9
115	61.4	49.4	74.0

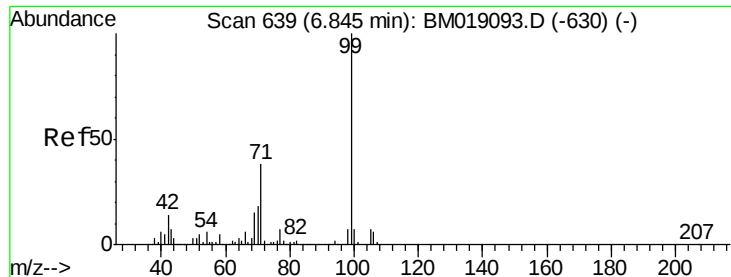


#5

2-Fluorophenol
Concen: 99.226 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.4	77.0
63	32.0	26.6	40.0





#7

Phenol-d6

Concen: 98.656 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

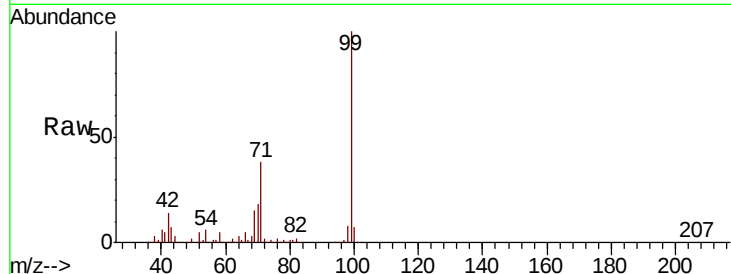
Tot Ion: 99 Resp: 1960319

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

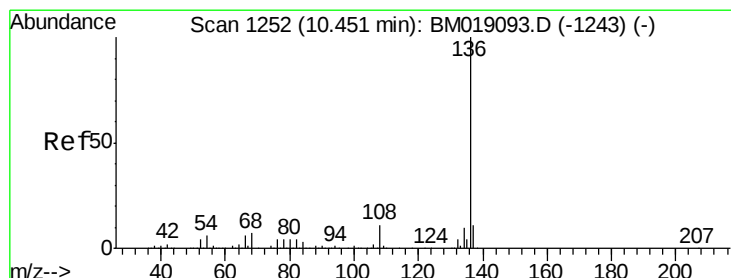
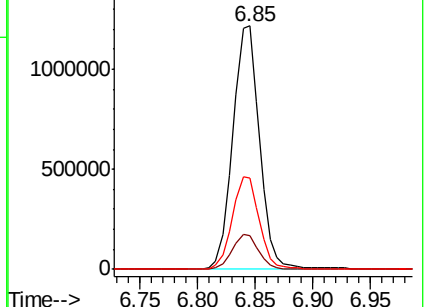
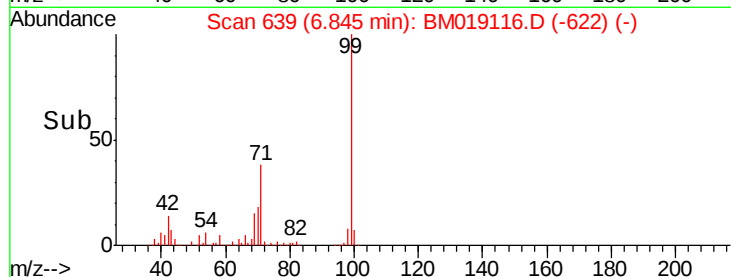
71 37.5 30.3 45.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Tgt Ion: 136 Resp: 920739

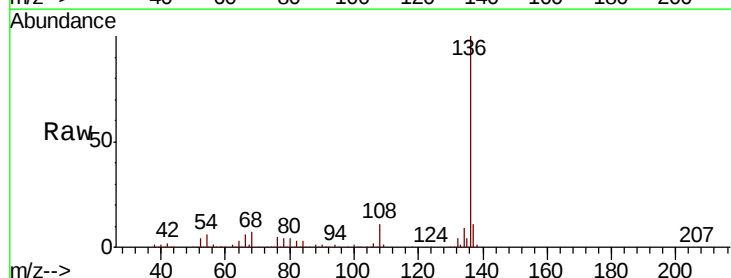
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.5 5.2 7.8

68 7.1 5.8 8.8

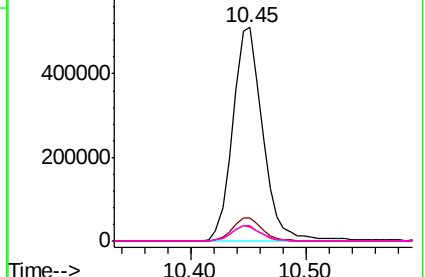
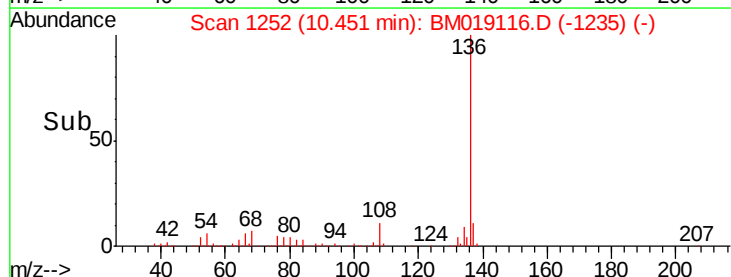


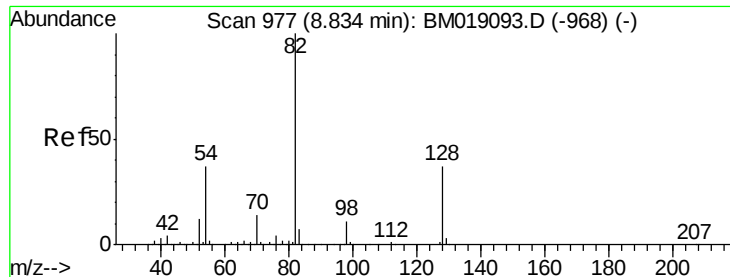
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

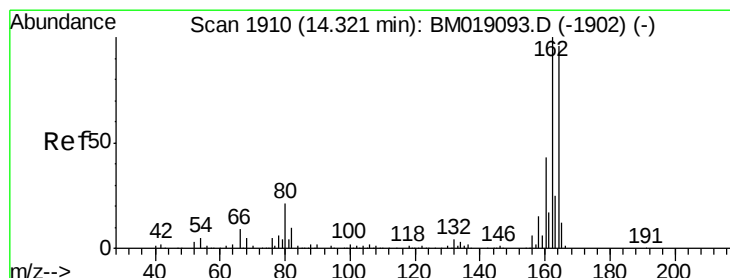
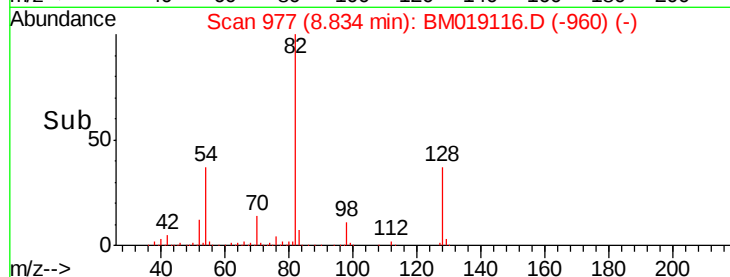
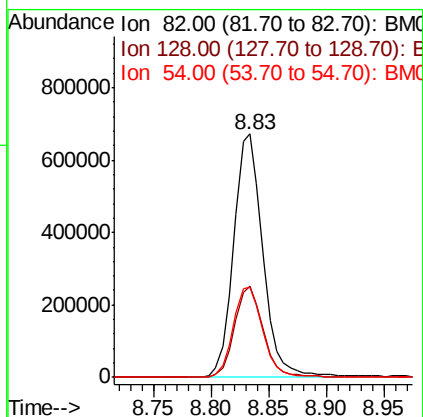
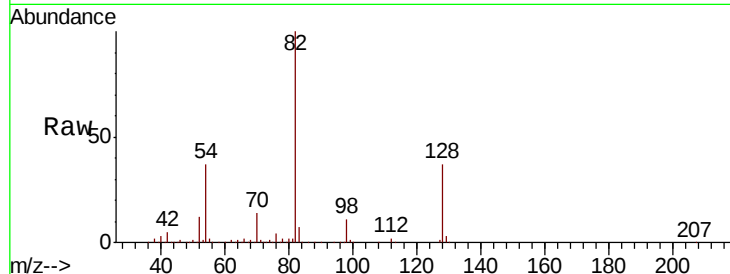




#23
Nitrobenzene-d5
Concen: 60.470 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

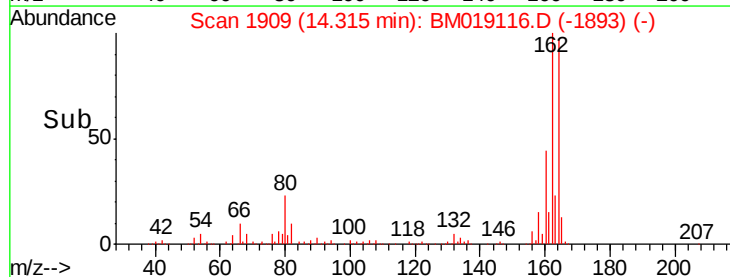
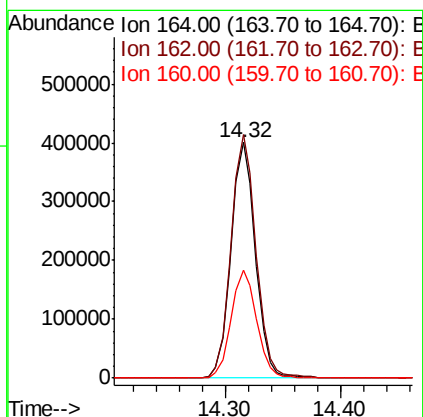
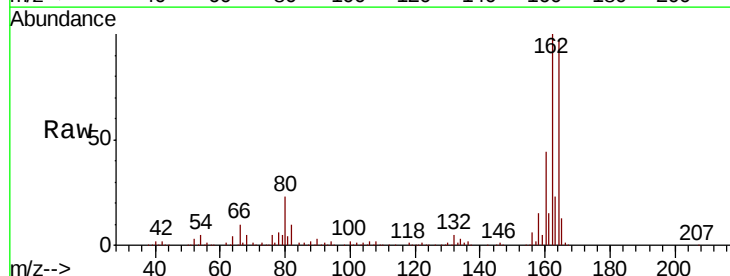
Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

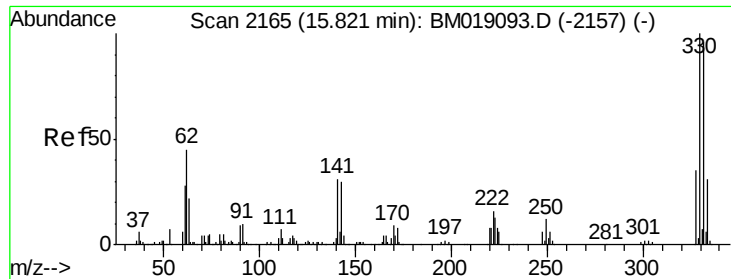
Tot Ion: 82 Resp: 1177853
Ion Ratio Lower Upper
82 100
128 37.4 29.4 44.2
54 37.1 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion:164 Resp: 587284
Ion Ratio Lower Upper
164 100
162 103.4 83.5 125.3
160 45.8 36.3 54.5

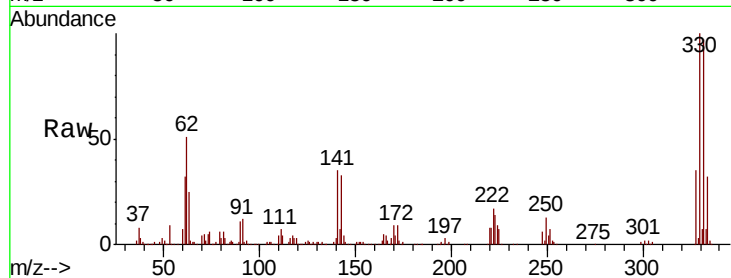




#42
 2,4,6-Tribromophenol
 Concen: 92.240 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019116.D
 Acq: 12 Mar 2019 17:42

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-SW010-2-030619

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	35.1	27.0	40.4

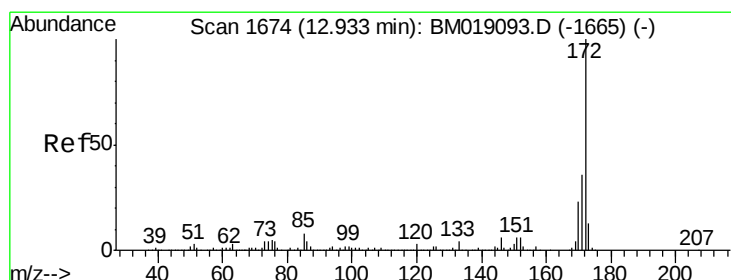
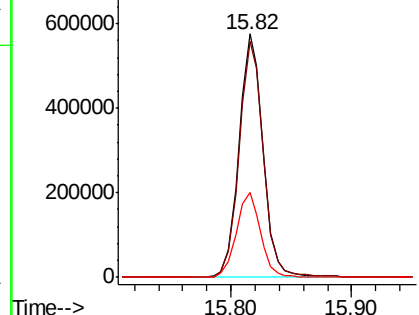
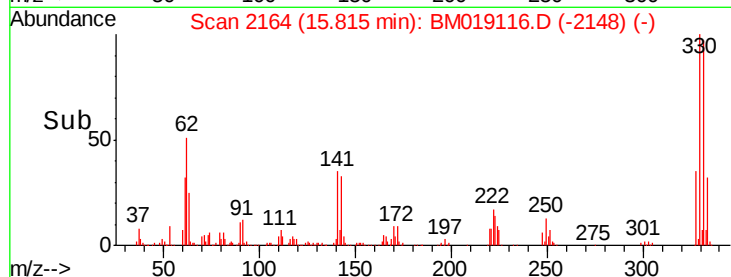


Abundance

Ion 329.80 (329.50 to 330.50): E

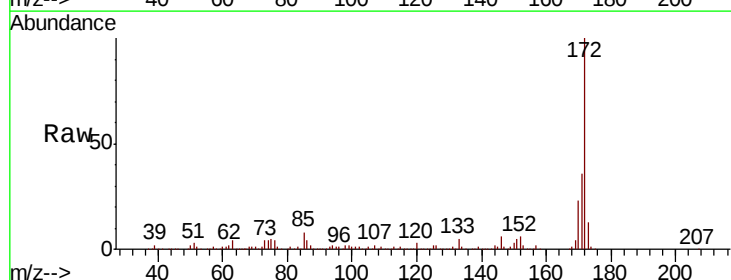
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 52.149 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019116.D
 Acq: 12 Mar 2019 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	18.6	28.0

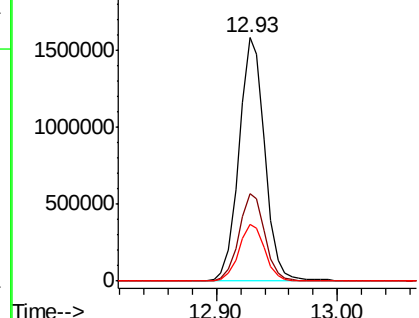
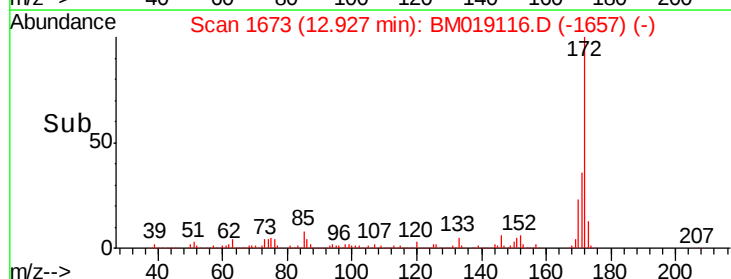


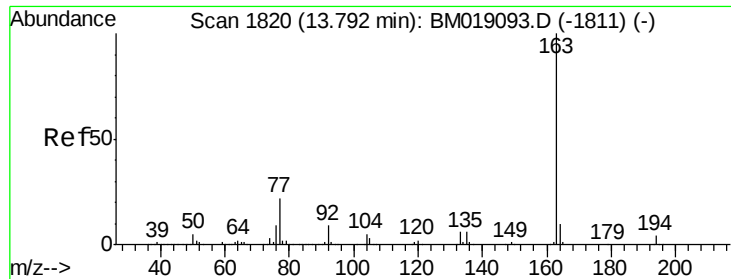
Abundance

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: 4.280 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

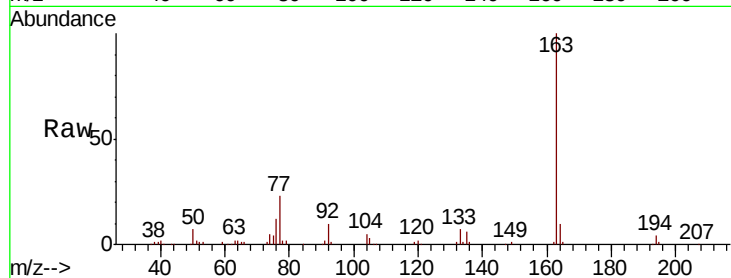
Tot Ion:163 Resp: 215024

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

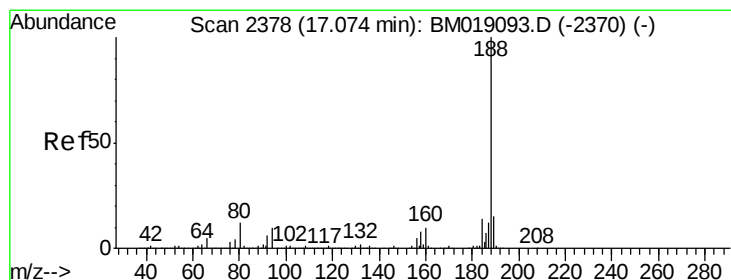
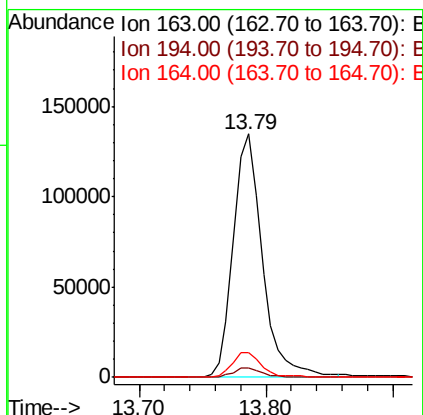
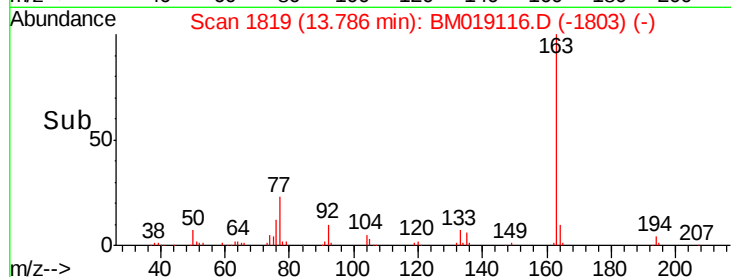
164 10.0 7.7 11.5



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: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

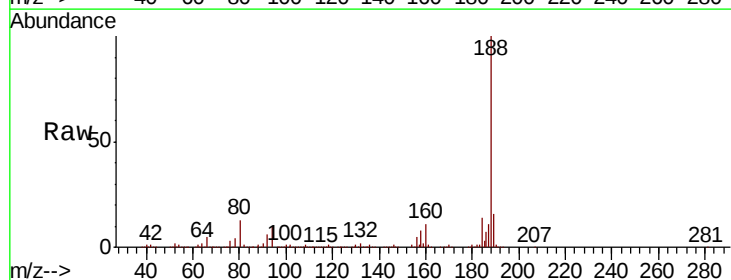
Tgt Ion:188 Resp: 1365235

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

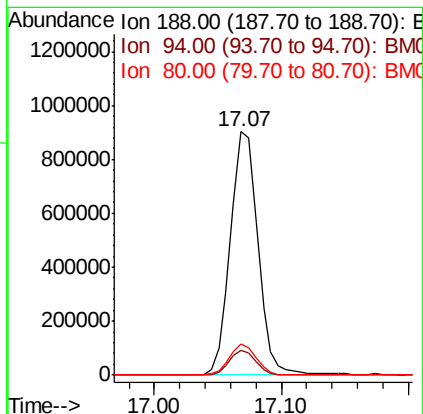
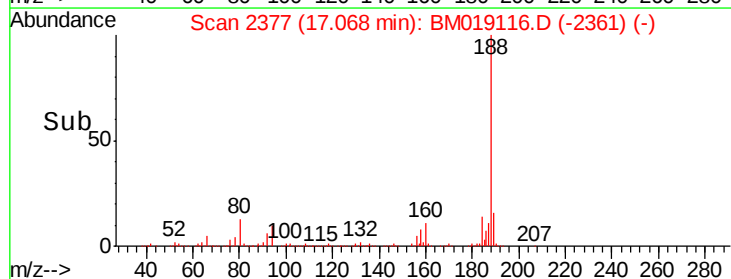
80 12.7 9.7 14.5

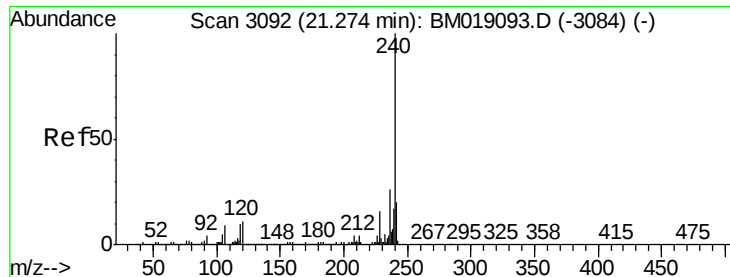


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

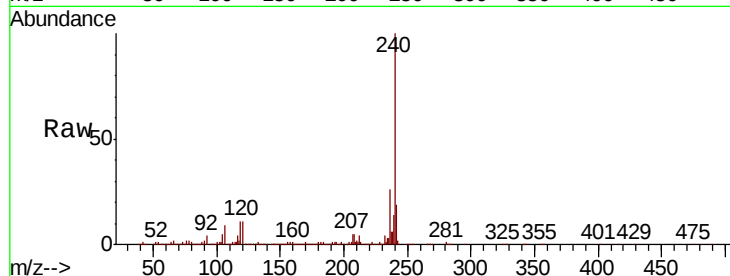




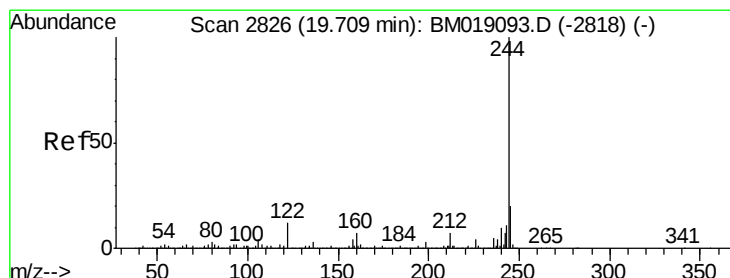
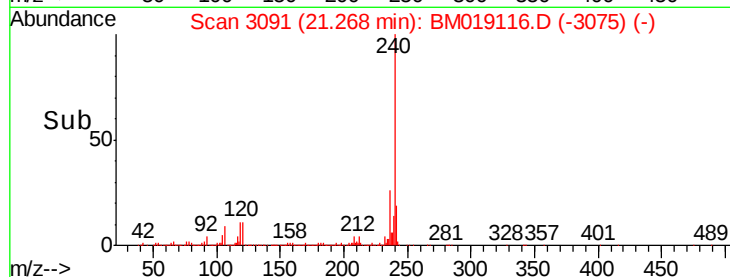
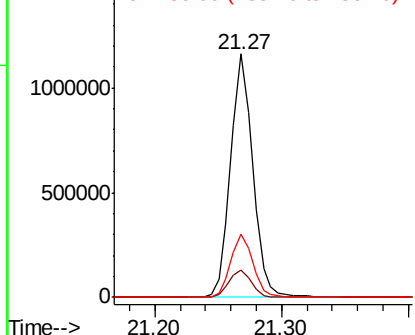
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM019116.D
 Acq: 12 Mar 2019 17:42

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-SW010-2-030619

Tot Ion:240 Resp: 1410219
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.9 13.3
 236 25.7 21.0 31.4

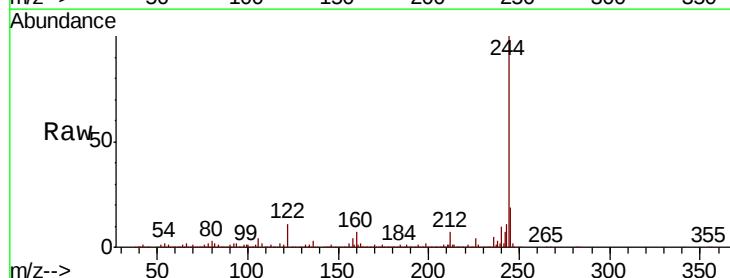


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

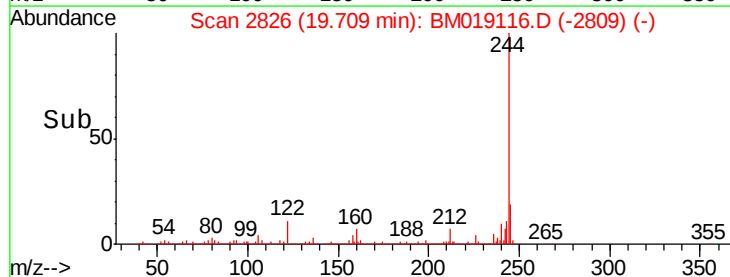
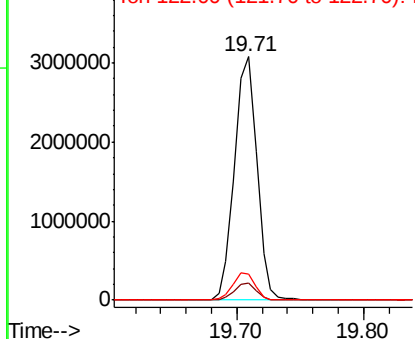


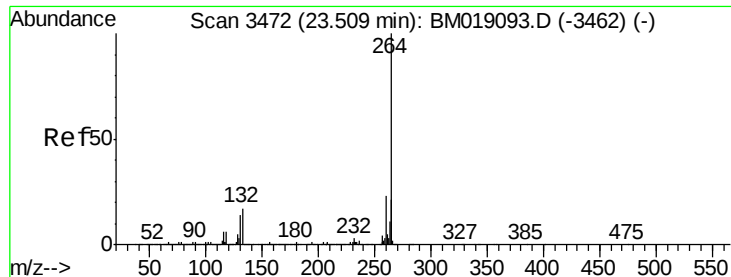
#79
 Terphenyl-d14
 Concen: 53.093 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BM019116.D
 Acq: 12 Mar 2019 17:42

Tgt Ion:244 Resp: 3771493
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 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: 23.51 min Scan# 3472
 Delta R.T. -0.00 min
 Lab File: BM019116.D
 Acq: 12 Mar 2019 17:42

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-SW010-2-030619

Tot Ion:264 Resp: 1355255

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.4	17.3	25.9

