

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019284.D
 Acq On : 21 Mar 2019 05:52
 Operator : JU/SJ
 Sample : K1688-36
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:18:28 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	179594	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	745034	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	478919	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1073557	20.00	ng	0.00
76) Chrysene-d12	21.24	240	855657	20.00	ng	0.00
87) Perylene-d12	23.47	264	796887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1315125	118.59	ng	0.00
7) Phenol-d6	6.82	99	1715917	105.78	ng	0.00
23) Nitrobenzene-d5	8.80	82	1292097	81.98	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	944966	133.64	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2726109	74.04	ng	0.00
79) Terphenyl-d14	19.69	244	4655307	108.01	ng	0.00

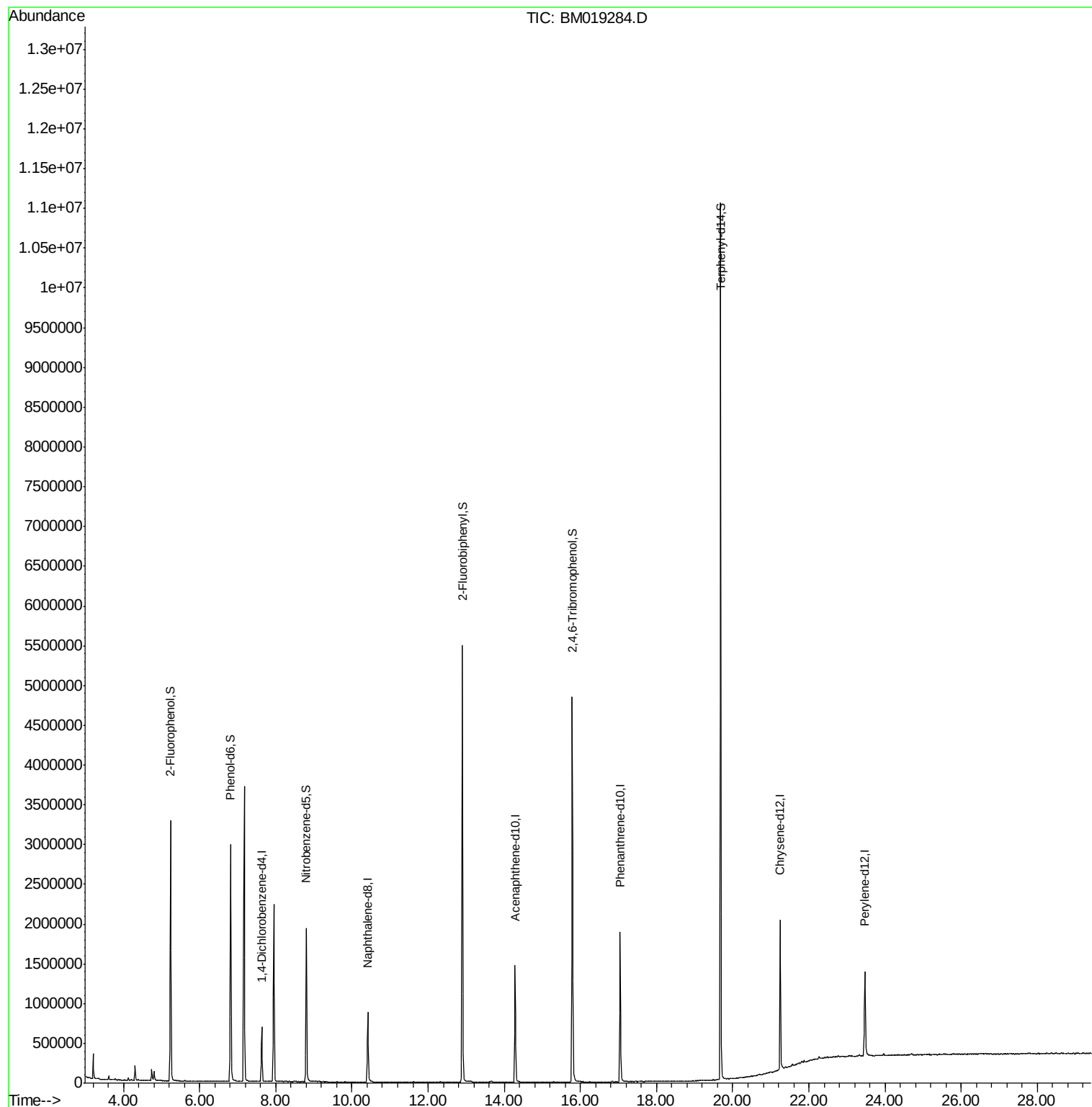
Target Compounds Qvalue

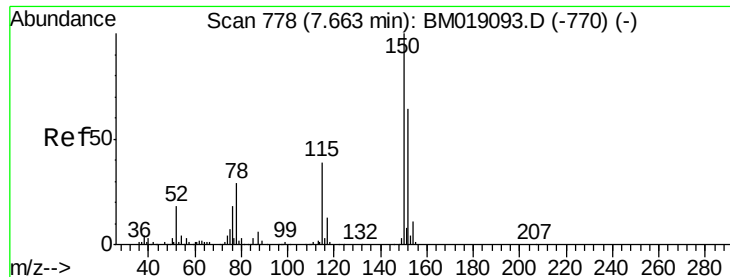
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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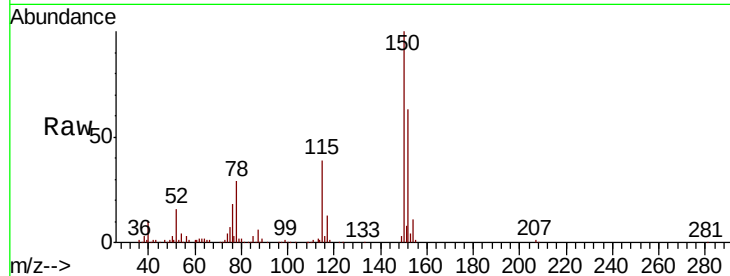


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019284.D
Acq: 21 Mar 2019 05:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	61.2	48.9	73.3

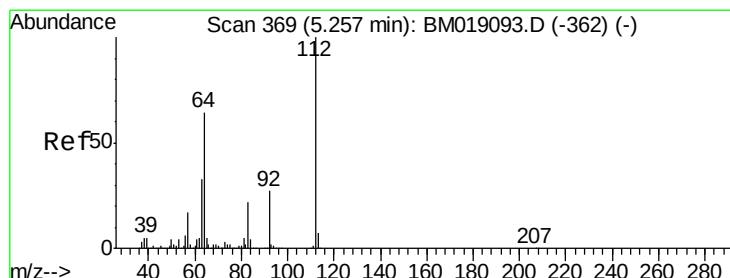
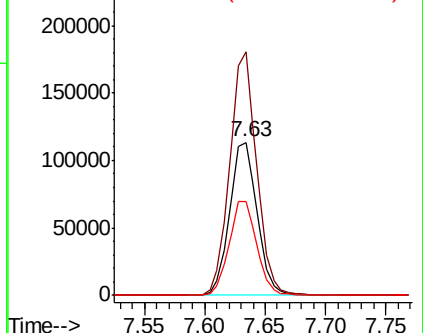
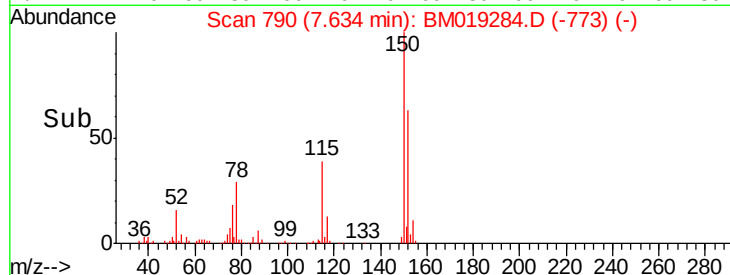


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

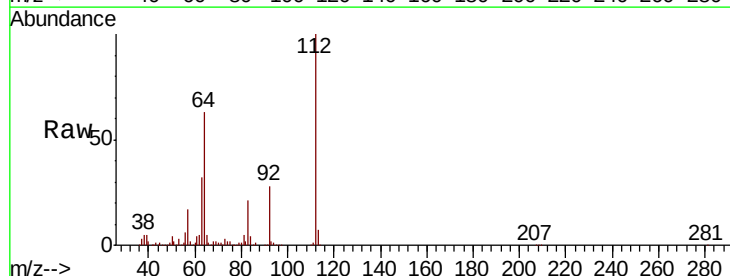
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.591 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019284.D
Acq: 21 Mar 2019 05:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.6	75.8
63	32.0	25.8	38.6

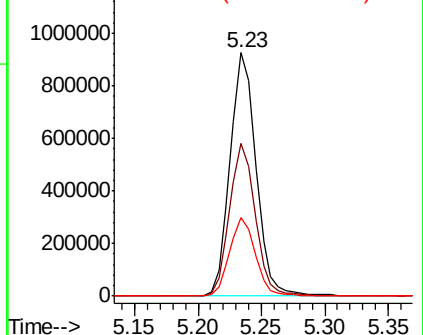
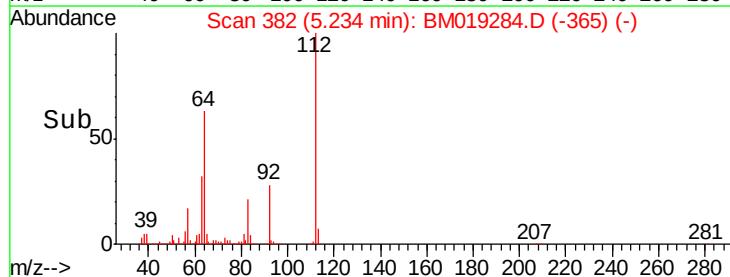


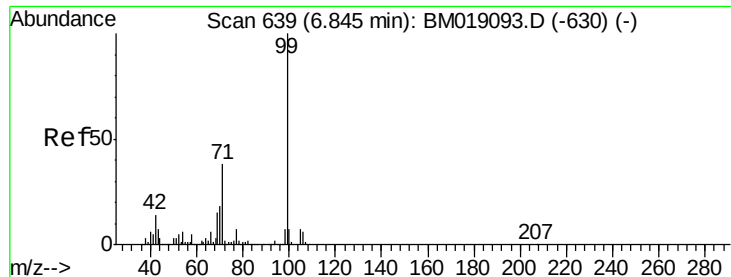
Abundance

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: 105.785 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019284.D

Acq: 21 Mar 2019 05:52

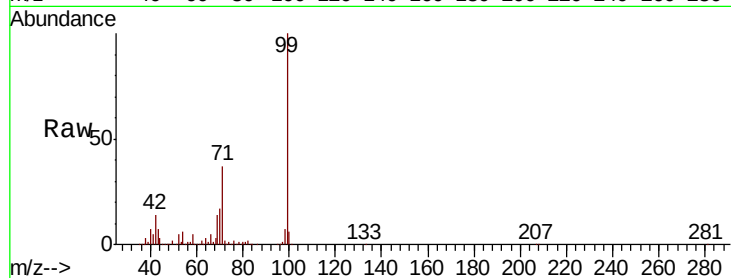
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1715917

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	37.3	30.1	45.1

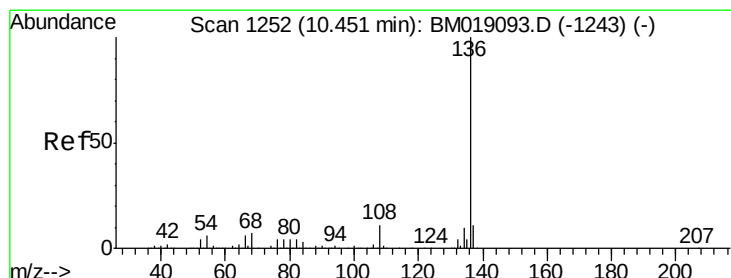
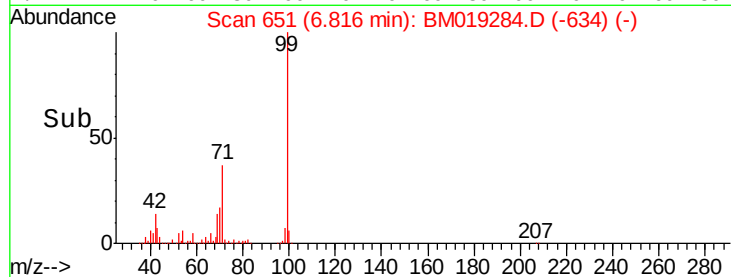


Abundance

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

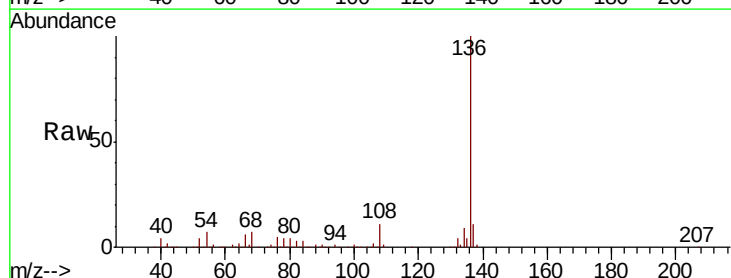
Delta R.T. 0.00 min

Lab File: BM019284.D

Acq: 21 Mar 2019 05:52

Tgt Ion: 136 Resp: 745034

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.7	5.5	8.3
68	7.2	6.0	9.0



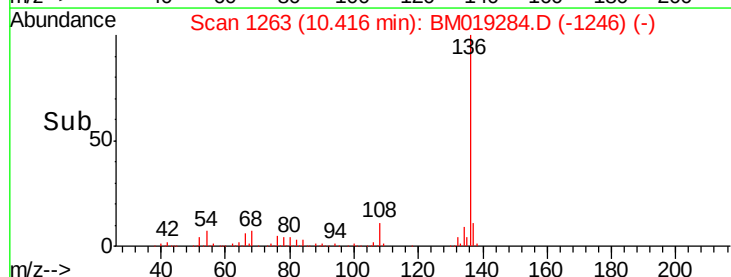
Abundance

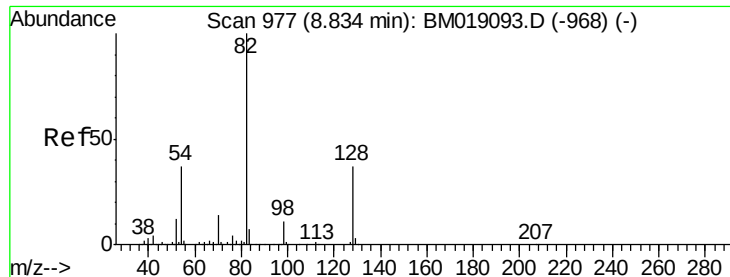
Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

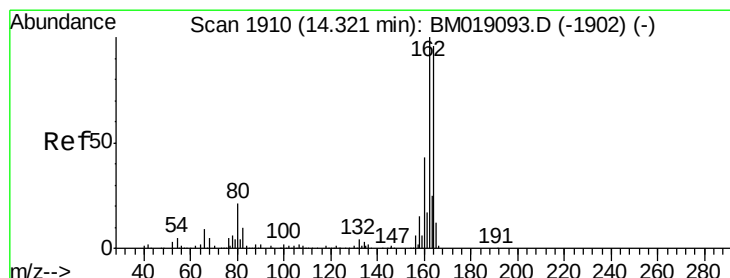
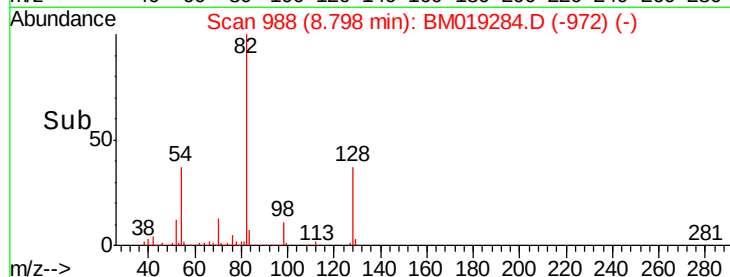
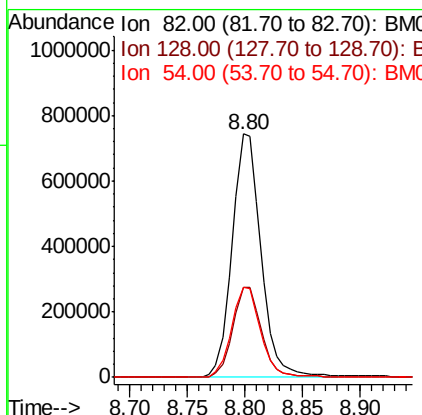
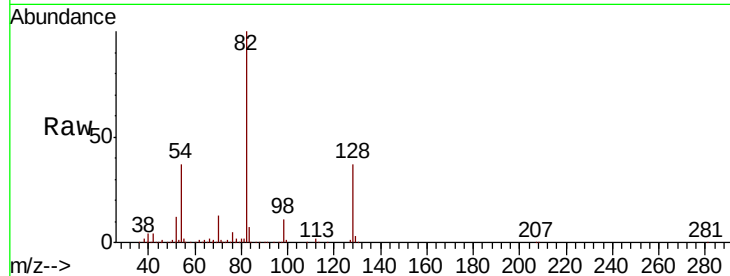




#23
 Nitrobenzene-d5
 Concen: 81.980 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM019284.D
 Acq: 21 Mar 2019 05:52

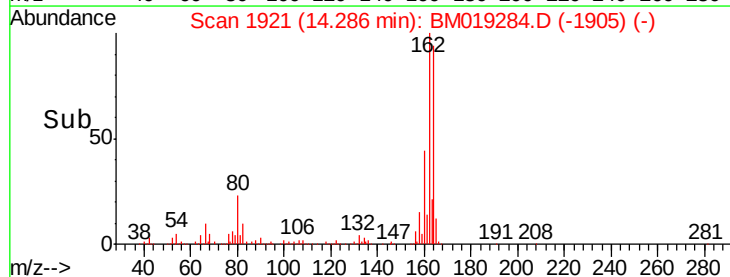
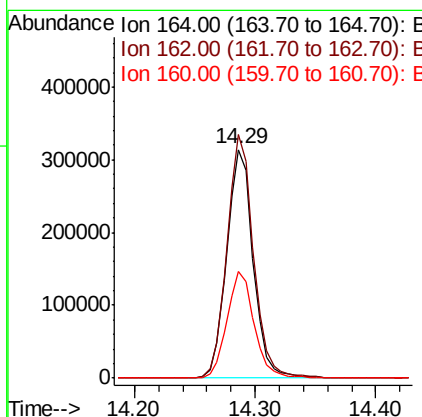
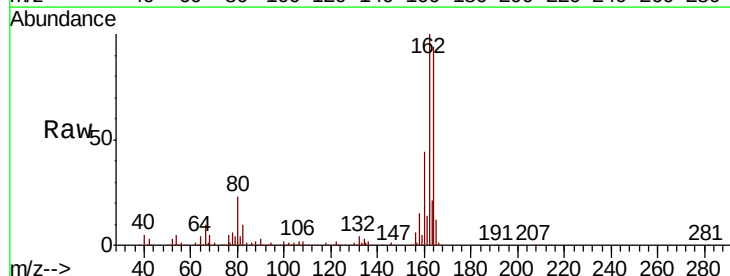
Instrument :
 BNA_M
 ClientSampleId :

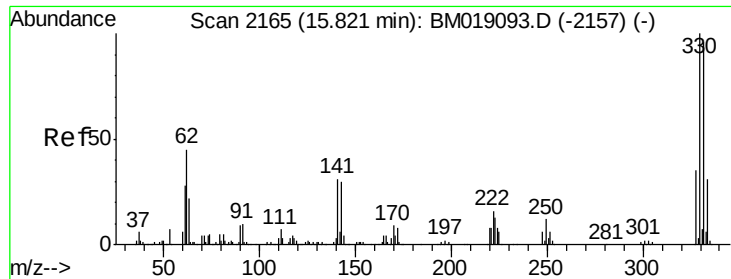
Tot Ion	82	Resp	1292097
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.2	45.4
54	37.1	30.2	45.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BM019284.D
 Acq: 21 Mar 2019 05:52

Tgt Ion	164	Resp	478919
Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.1	126.1
160	46.7	36.5	54.7

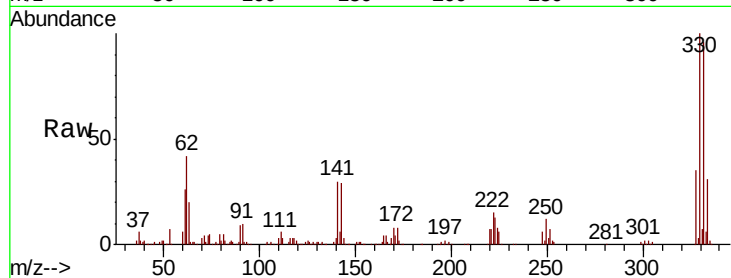




#42
 2,4,6-Tribromophenol
 Concen: 133.638 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BM019284.D
 Acq: 21 Mar 2019 05:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	32.8	25.7	38.5

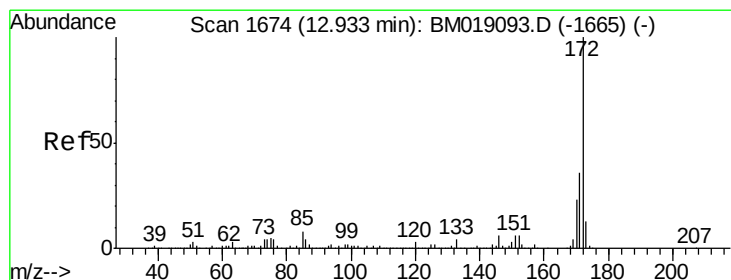
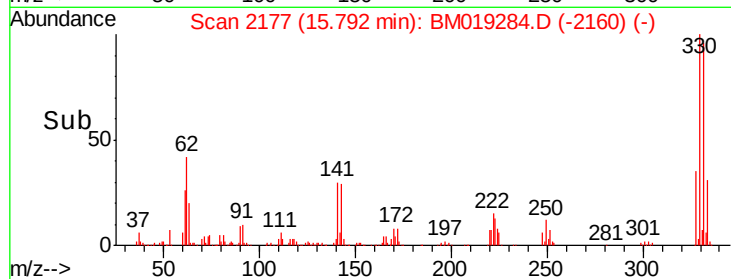
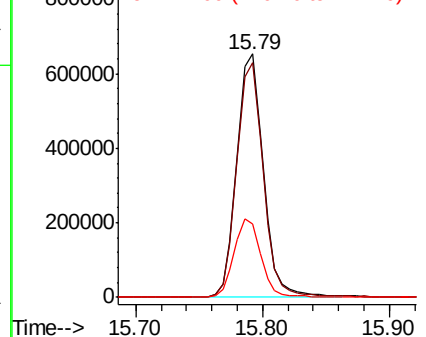


Abundance

Ion 329.80 (329.50 to 330.50): E

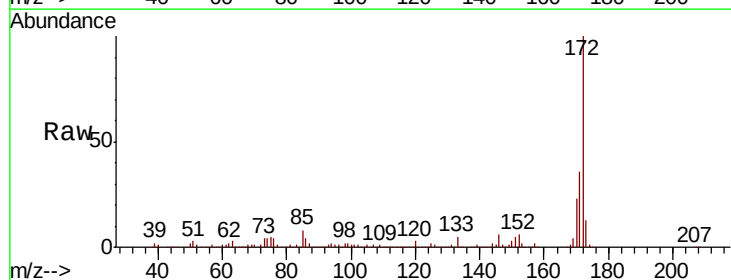
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.042 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BM019284.D
 Acq: 21 Mar 2019 05:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.4	18.9	28.3

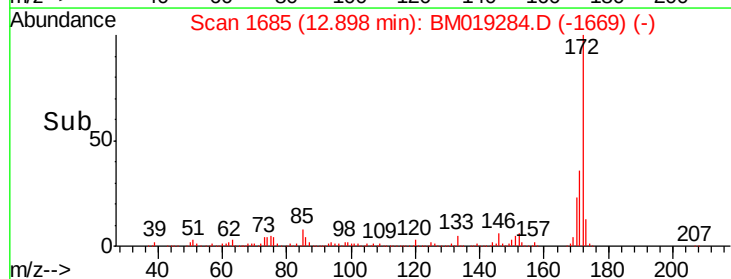
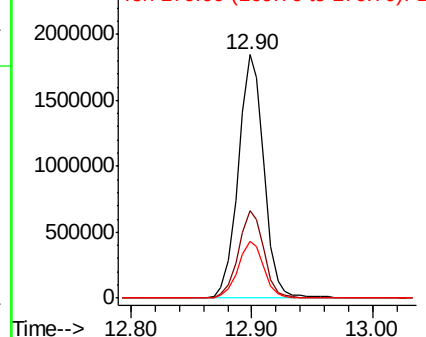


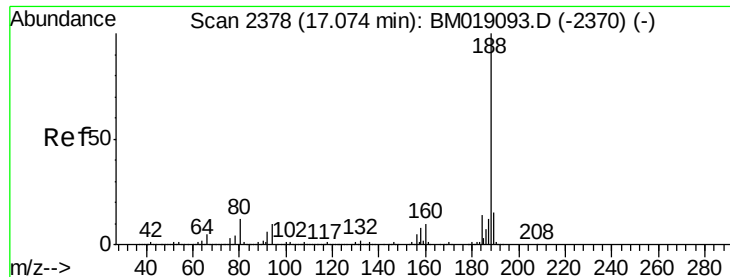
Abundance

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: BM019284.D

Acq: 21 Mar 2019 05:52

Instrument :

BNA_M

ClientSampleId :

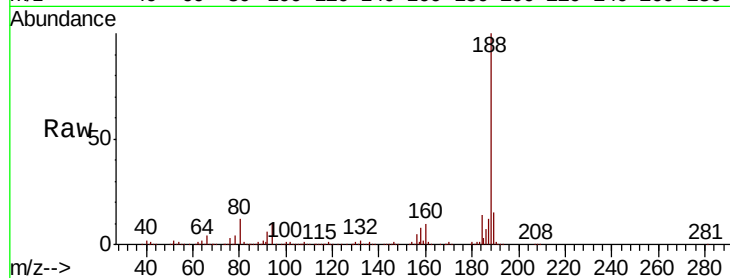
Tot Ion:188 Resp: 1073557

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

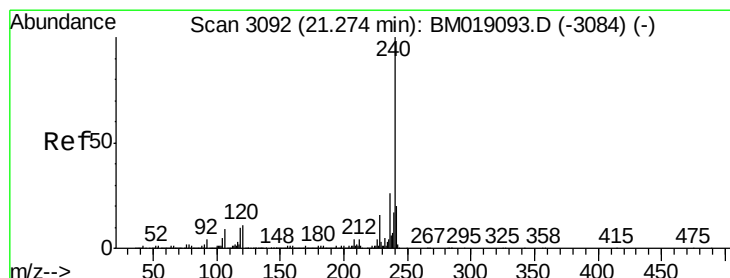
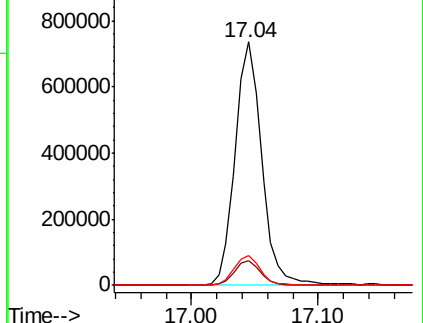
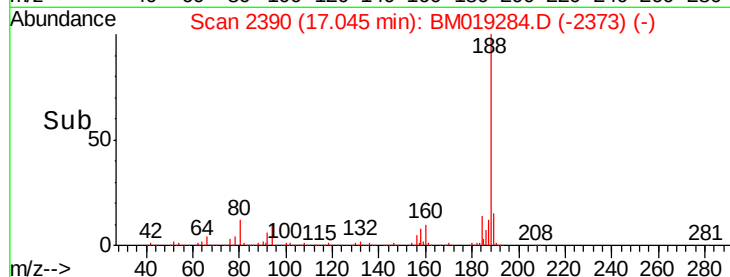
80 12.1 9.8 14.8



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: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019284.D

Acq: 21 Mar 2019 05:52

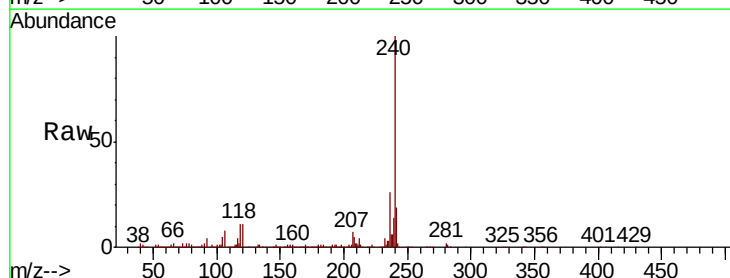
Tgt Ion:240 Resp: 855657

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

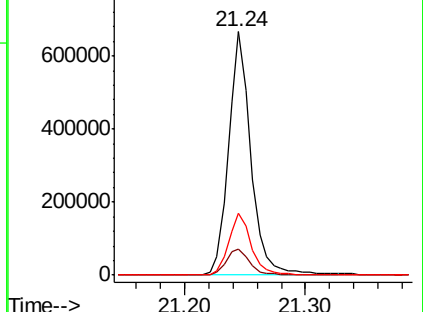
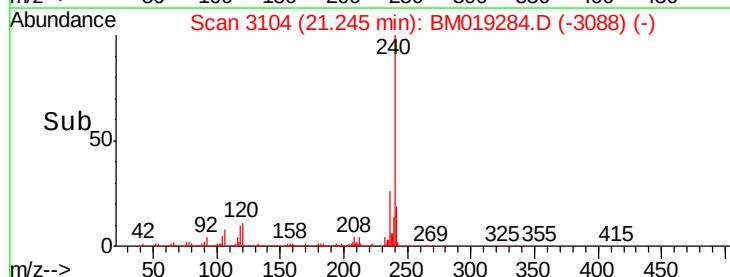
236 25.6 20.3 30.5

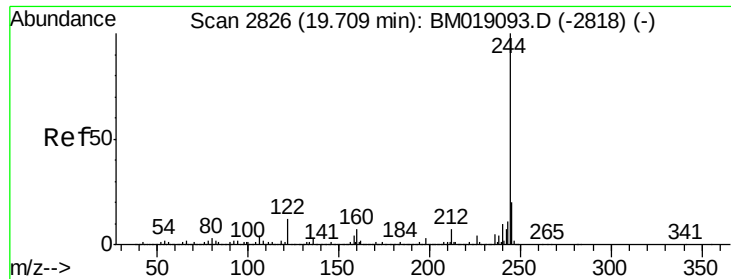


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.008 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019284.D

Acq: 21 Mar 2019 05:52

Instrument :

BNA_M

ClientSampleId :

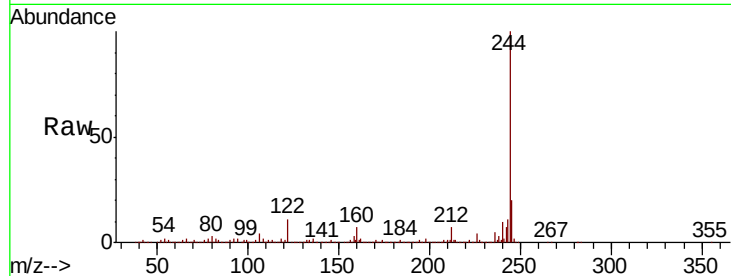
Tot Ion:244 Resp: 4655307

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

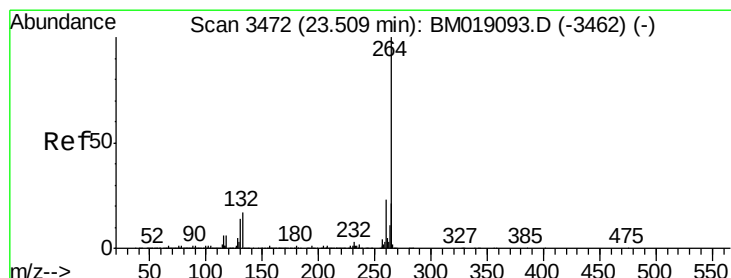
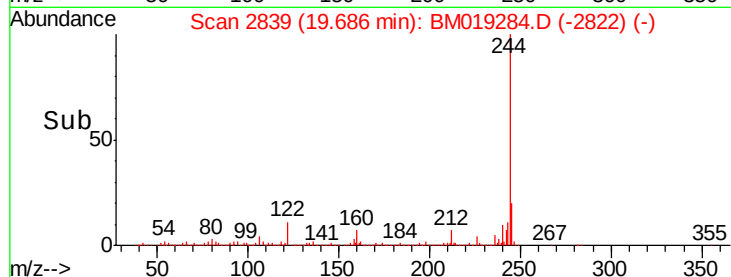
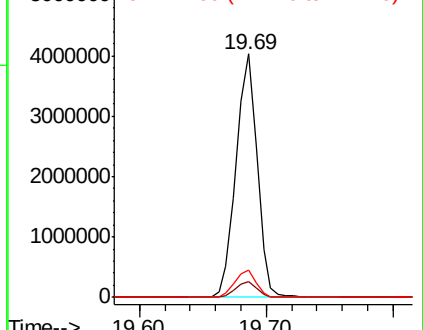
122 11.0 9.6 14.4



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: BM019284.D

Acq: 21 Mar 2019 05:52

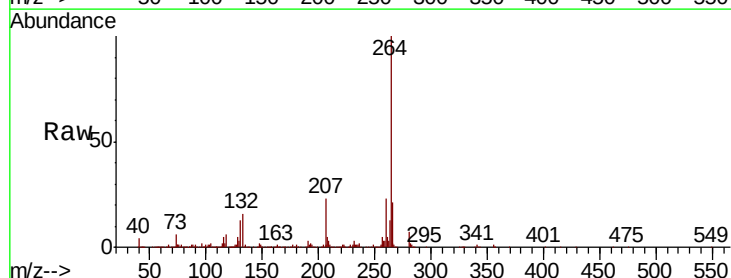
Tgt Ion:264 Resp: 796887

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.4 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

