

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019207.D
 Acq On : 16 Mar 2019 03:50
 Operator : JU/SJ
 Sample : K1905-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT5124

Quant Time: Mar 16 06:30:30 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	7.65	152	206650	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	879822	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	560030	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1251165	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	995976	20.00	ng	-0.02
87) Perylene-d12	23.49	264	893760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1641662	128.65	ng	0.00
7) Phenol-d6	6.83	99	2076385	111.25	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1847135	99.24	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1242097	150.22	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4137214	96.09	ng	-0.01
79) Terphenyl-d14	19.70	244	6696058	133.47	ng	-0.01

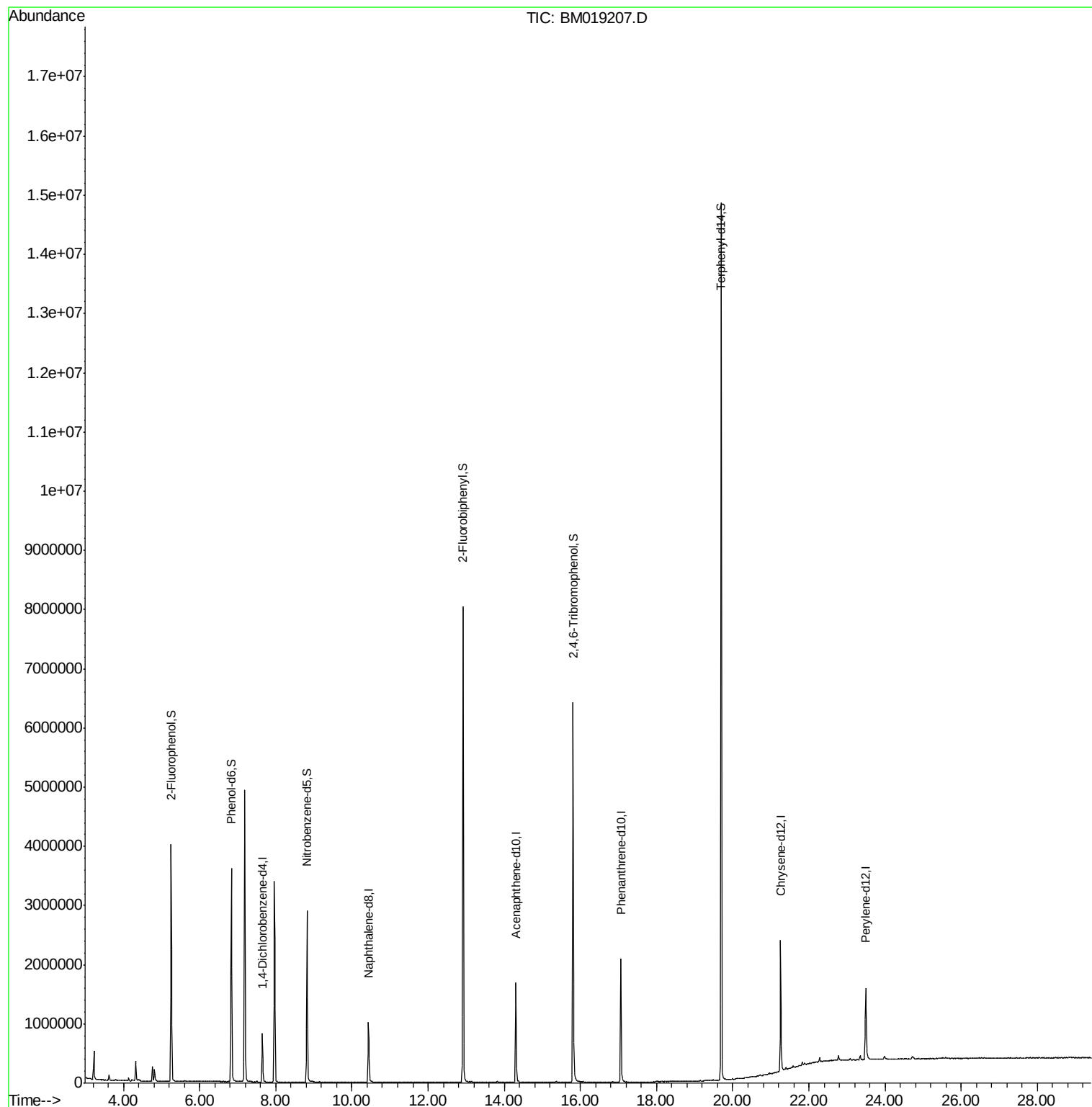
Target Compounds Qvalue

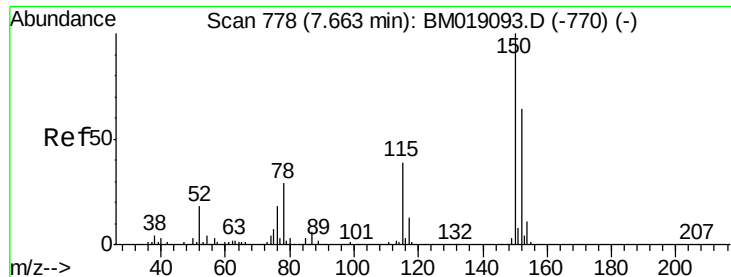
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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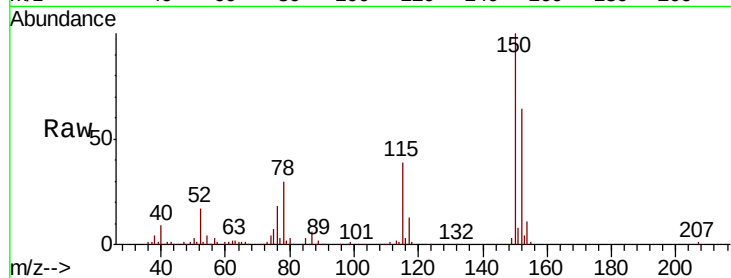


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019207.D
Acq: 16 Mar 2019 03:50

Instrument :
BNA_M
ClientSampled :
RT5124

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.3	187.9
115	61.0	49.4	74.0

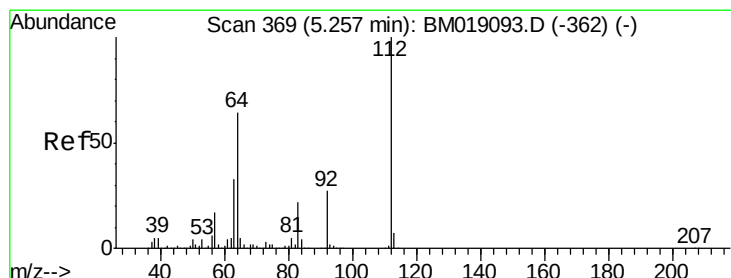
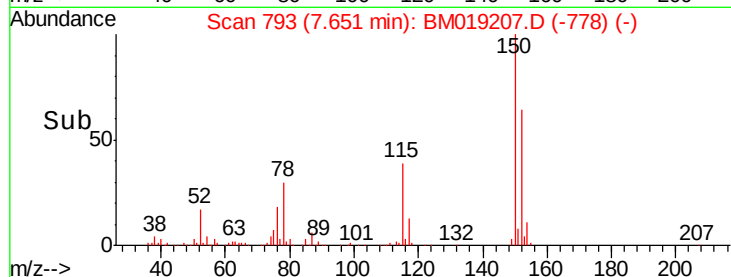
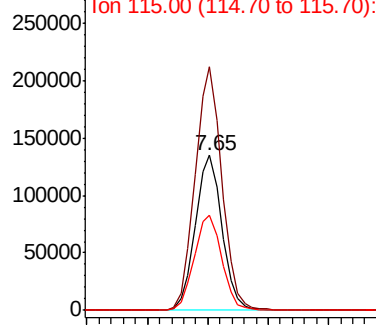


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

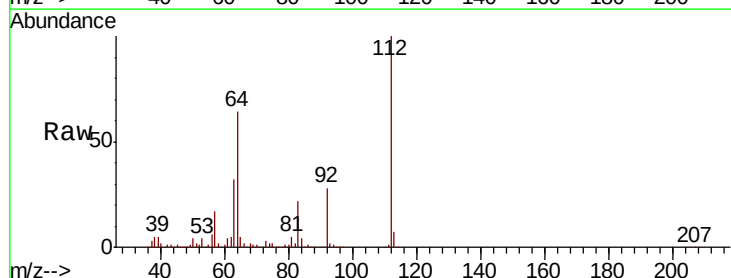
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.654 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019207.D
Acq: 16 Mar 2019 03:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	51.4	77.0
63	32.3	26.6	40.0

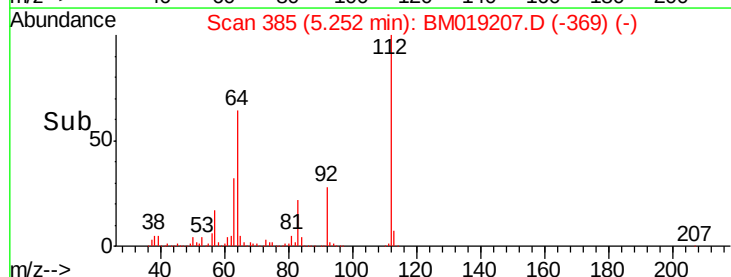
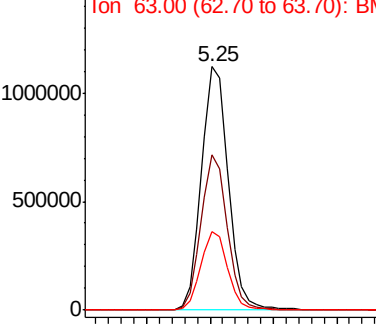


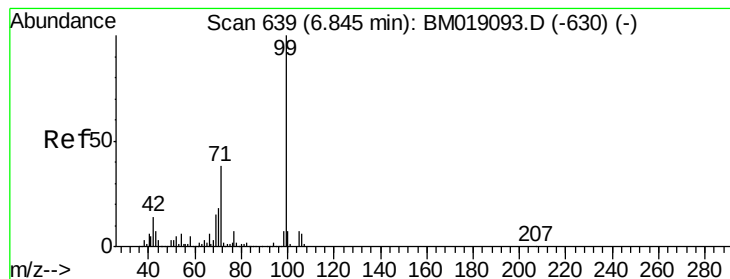
Abundance

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: 111.247 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019207.D

Acq: 16 Mar 2019 03:50

Instrument :

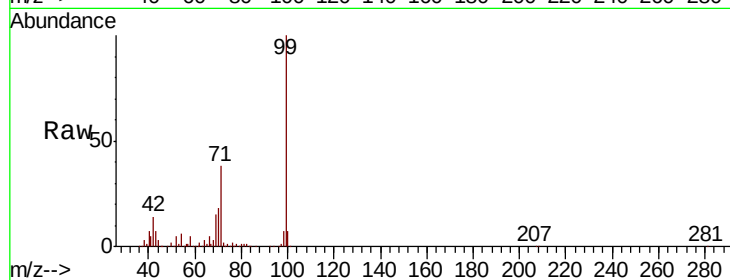
BNA_M

ClientSampleId :

RT5124

Tot Ion: 99 Resp: 2076385

Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.9	16.3
71	38.4	30.3	45.5

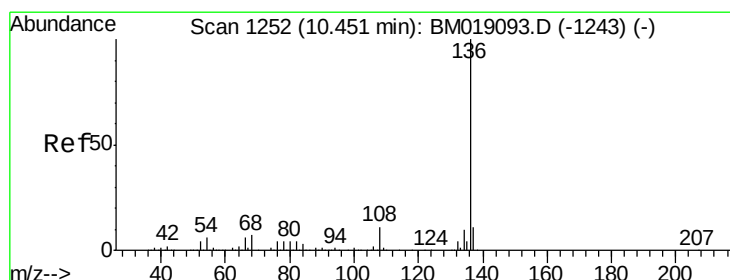
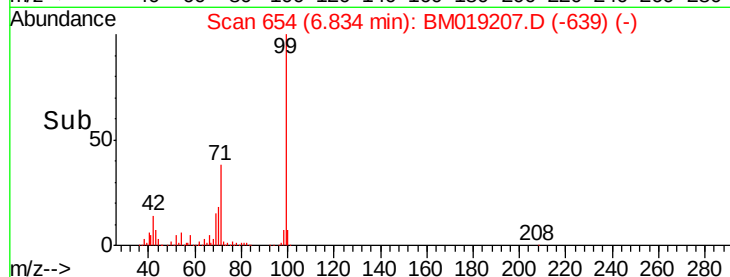
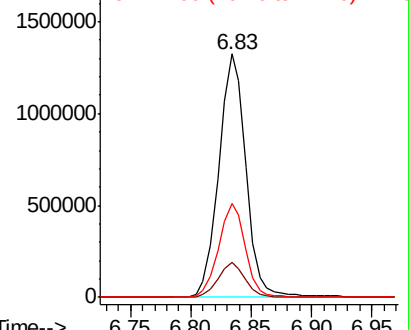


Abundance

Ion 99.00 (98.70 to 99.70): BM019207.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019207.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019207.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

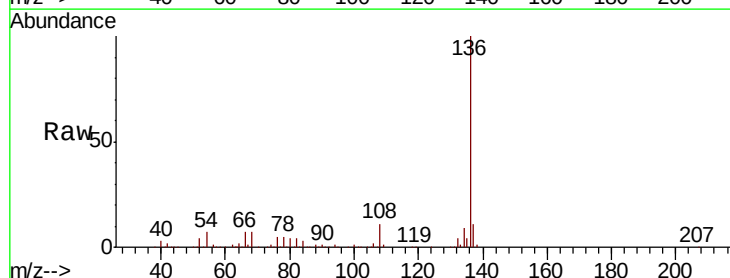
Delta R.T. -0.02 min

Lab File: BM019207.D

Acq: 16 Mar 2019 03:50

Tgt Ion: 136 Resp: 879822

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.7	5.2	7.8
68	6.9	5.8	8.8



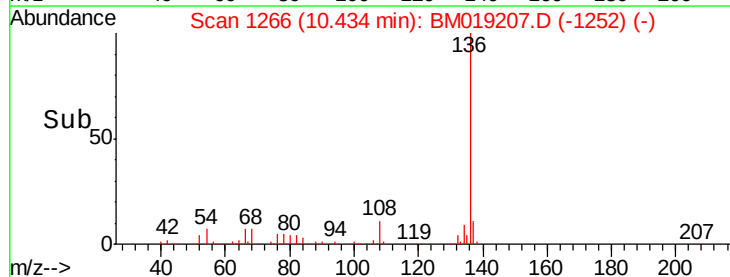
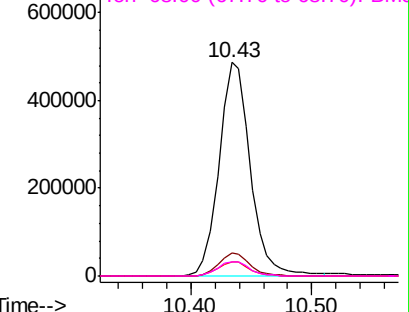
Abundance

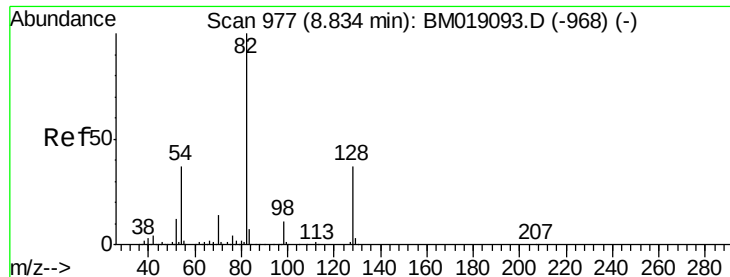
Ion 136.00 (135.70 to 136.70): BM019207.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019207.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019207.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019207.D (-1252) (-)

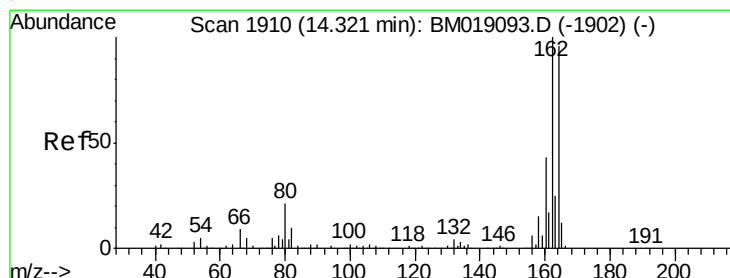
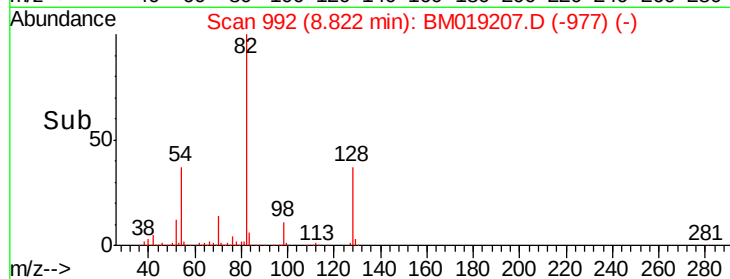
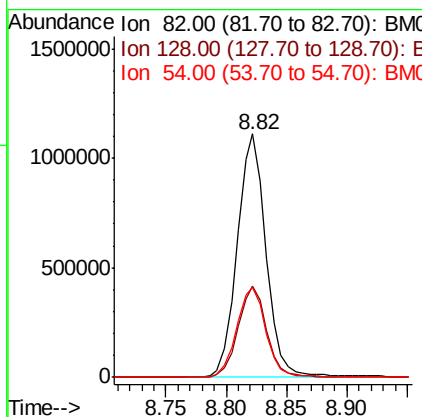
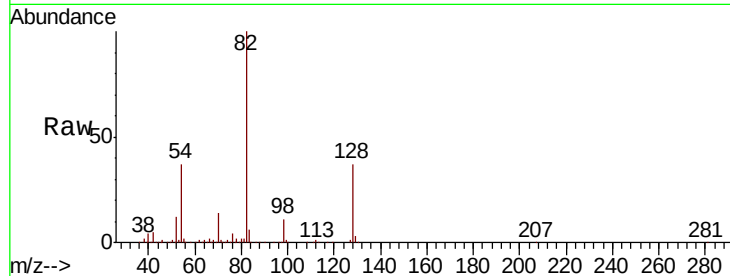




#23
Nitrobenzene-d5
Concen: 99.241 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019207.D
Acq: 16 Mar 2019 03:50

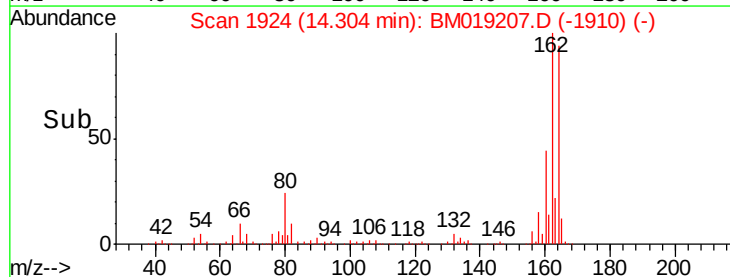
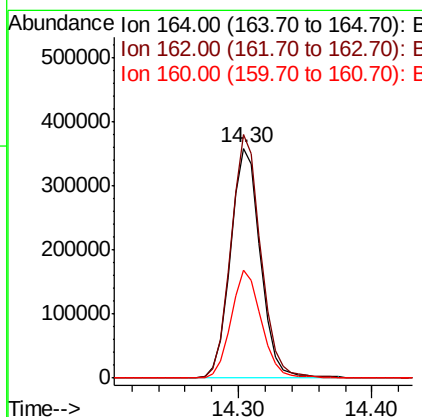
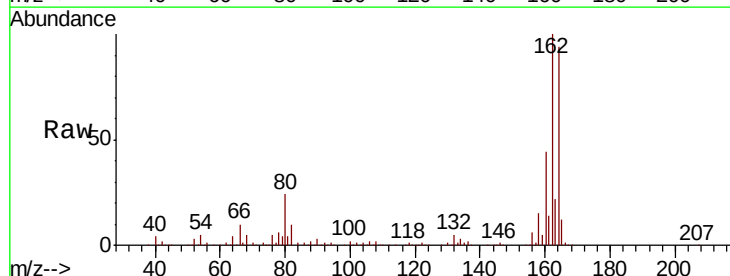
Instrument :
BNA_M
ClientSampled :
RT5124

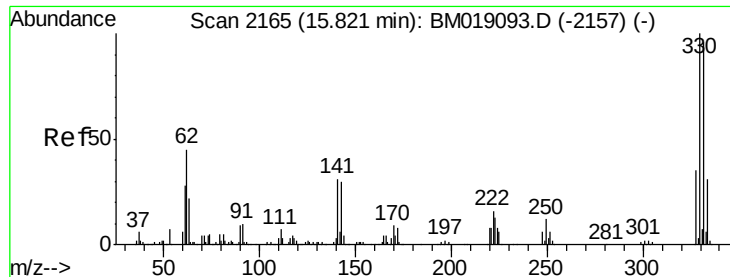
Tot Ion: 82 Resp: 1847135
Ion Ratio Lower Upper
82 100
128 37.3 29.4 44.2
54 36.8 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019207.D
Acq: 16 Mar 2019 03:50

Tgt Ion:164 Resp: 560030
Ion Ratio Lower Upper
164 100
162 106.0 83.5 125.3
160 46.8 36.3 54.5



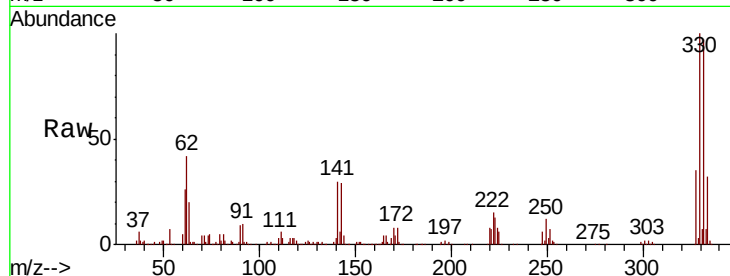


#42
 2,4,6-Tribromophenol
 Concen: 150.218 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019207.D
 Acq: 16 Mar 2019 03:50

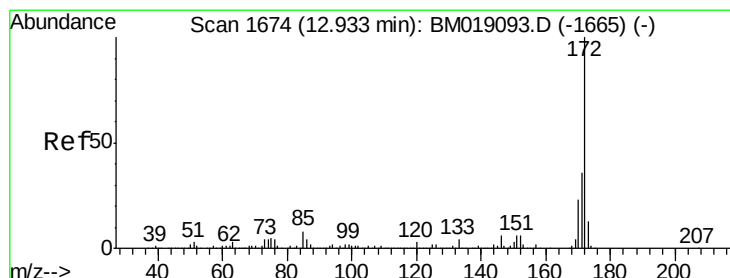
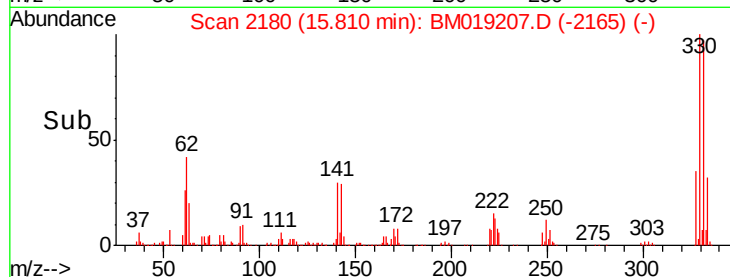
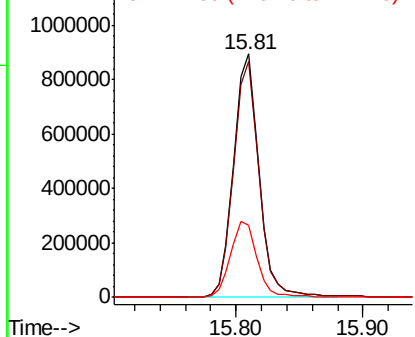
Instrument :
 BNA_M
 ClientSampleId :
 RT5124

Tot Ion:330 Resp: 1242097

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	33.0	27.0	40.4



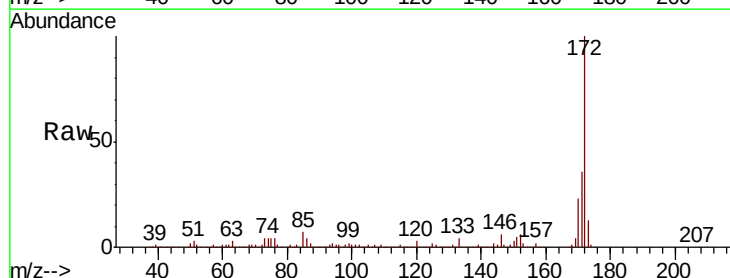
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



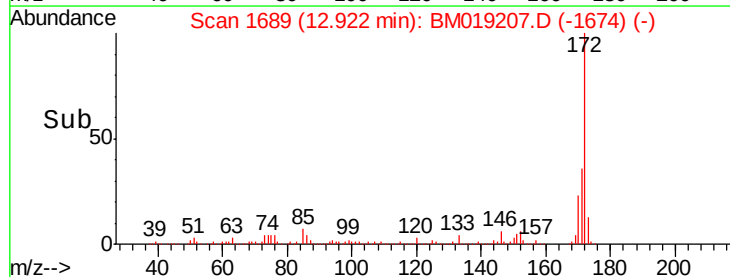
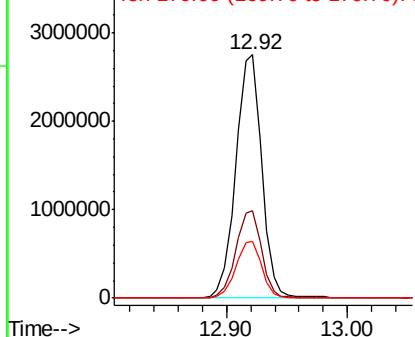
#45
 2-Fluorobiphenyl
 Concen: 96.094 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019207.D
 Acq: 16 Mar 2019 03:50

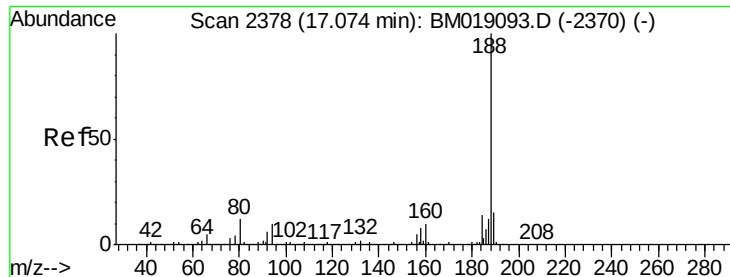
Tgt Ion:172 Resp: 4137214

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.2	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

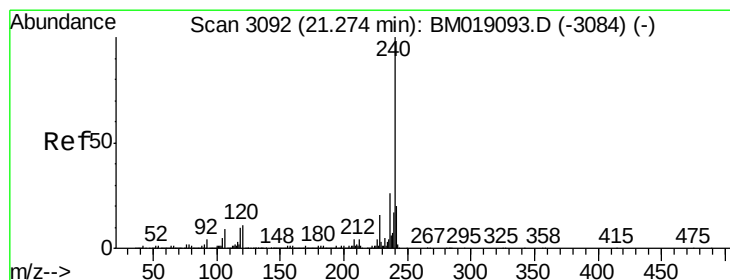
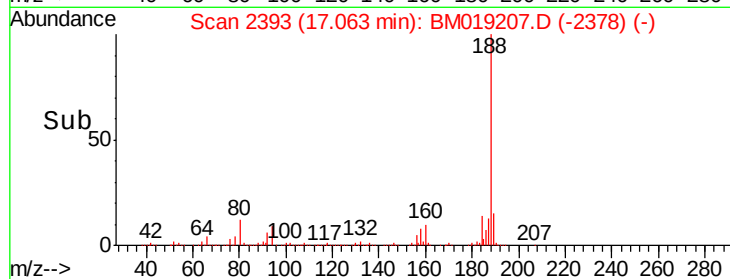
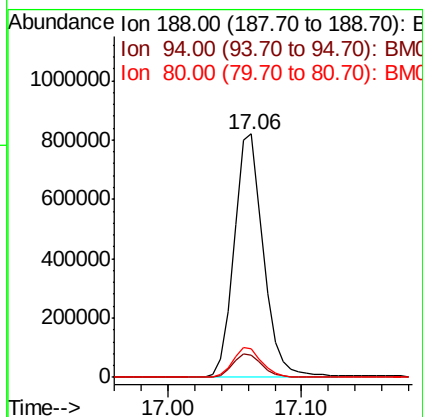
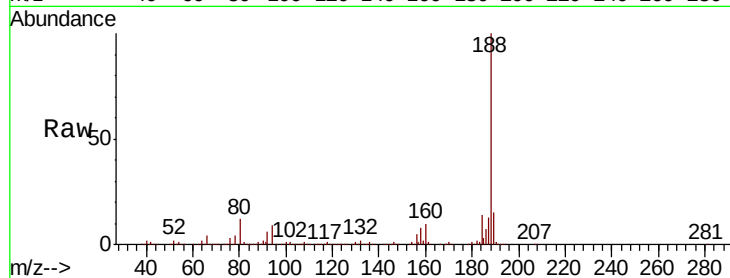




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019207.D
Acq: 16 Mar 2019 03:50

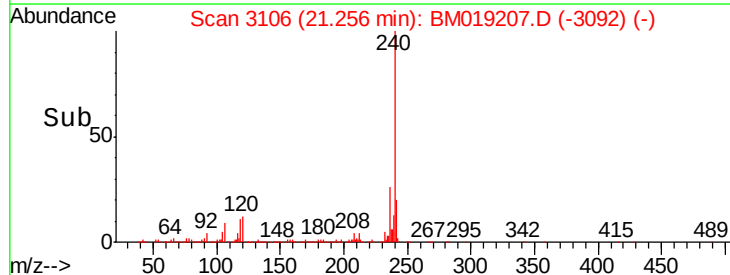
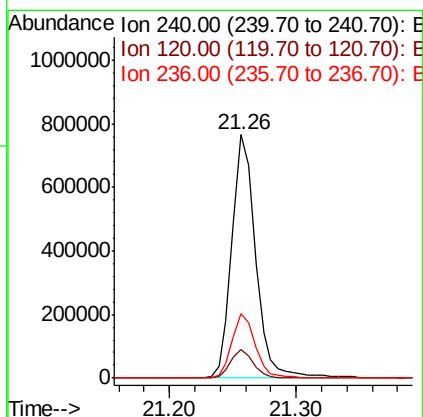
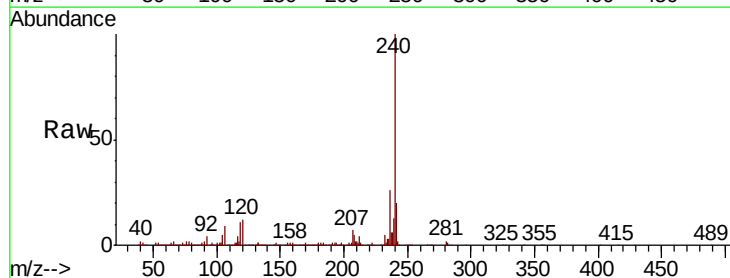
Instrument :
BNA_M
ClientSampled :
RT5124

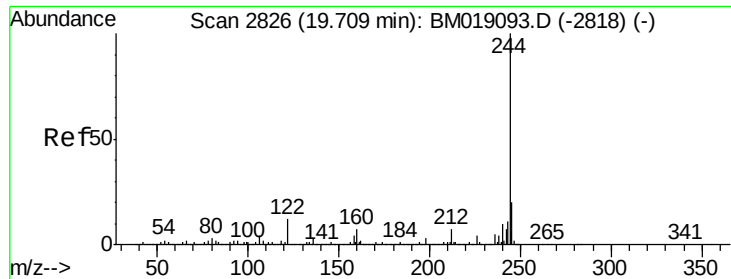
Tot Ion:188 Resp: 1251165
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 11.7 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019207.D
Acq: 16 Mar 2019 03:50

Tgt Ion:240 Resp: 995976
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 133.468 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019207.D

Acq: 16 Mar 2019 03:50

Instrument :

BNA_M

ClientSampleId :

RT5124

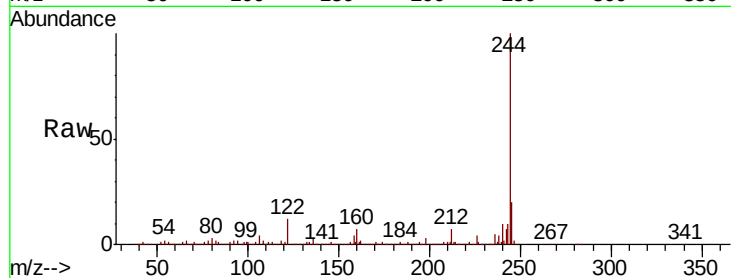
Tot Ion:244 Resp: 6696058

Ion Ratio Lower Upper

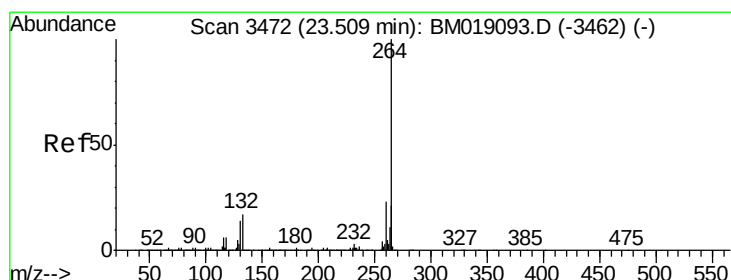
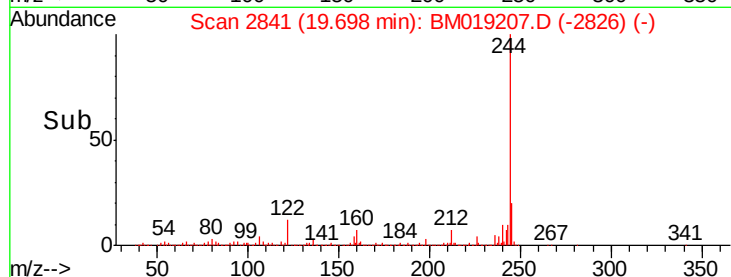
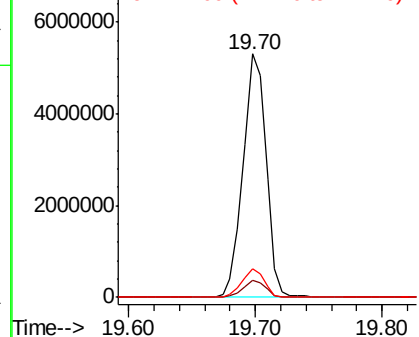
244 100

212 7.0 5.4 8.2

122 11.8 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

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019207.D

Acq: 16 Mar 2019 03:50

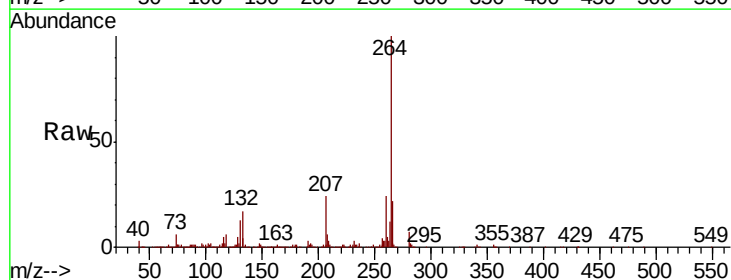
Tgt Ion:264 Resp: 893760

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.7 17.3 25.9



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

