

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM018293.D
 Acq On : 19 Dec 2018 12:06
 Operator : JU/SJ
 Sample : PB115752BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 13:33:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	86040	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	300048	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	157165	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	338705	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	400074	20.00	ng	-0.02
87) Perylene-d12	23.29	264	457078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	576911	112.01	ng	0.00
7) Phenol-d6	6.69	99	746436	104.27	ng	-0.02
23) Nitrobenzene-d5	8.65	82	468819	80.15	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	237581	102.99	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	917510	75.61	ng	-0.02
79) Terphenyl-d14	19.56	244	1348361	76.22	ng	-0.01

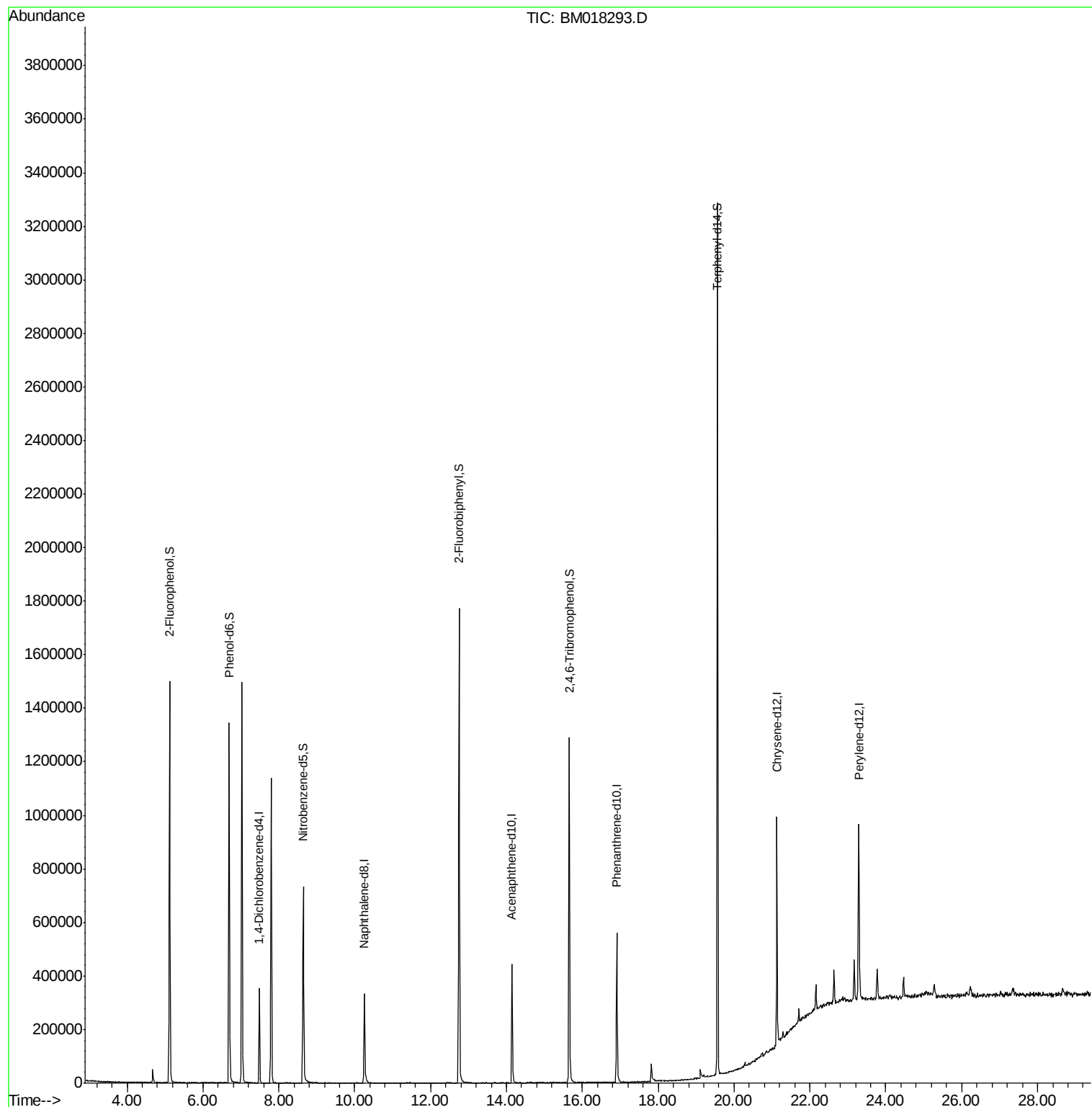
Target Compounds Qvalue

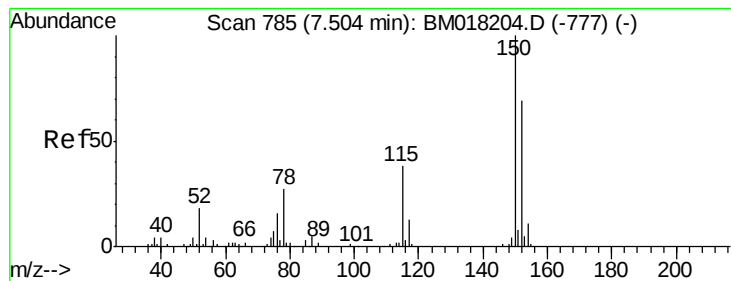
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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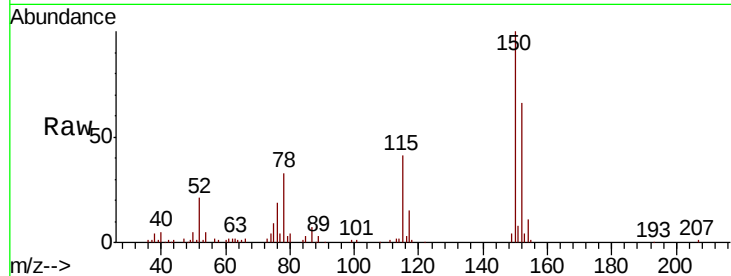


#1

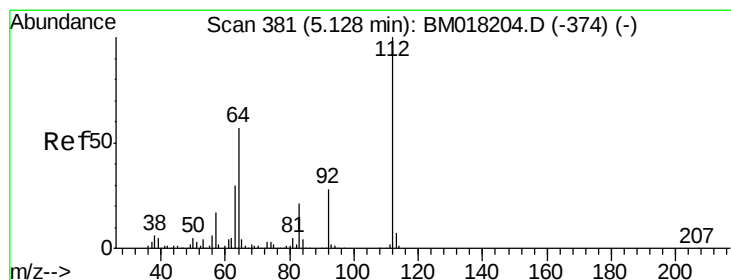
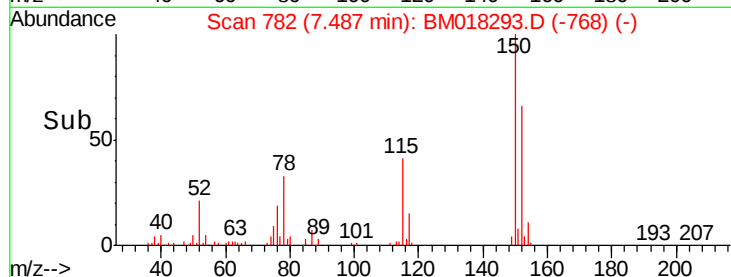
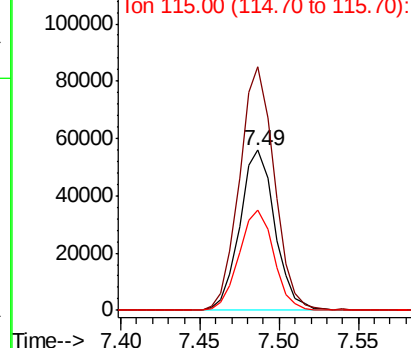
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018293.D
Acq: 19 Dec 2018 12:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 86040
Ion Ratio Lower Upper
152 100
150 152.0 116.1 174.1
115 62.4 44.6 67.0



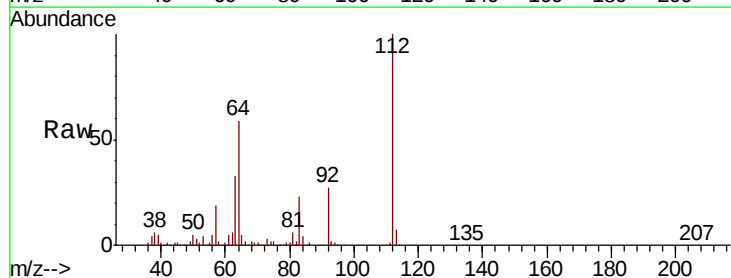
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



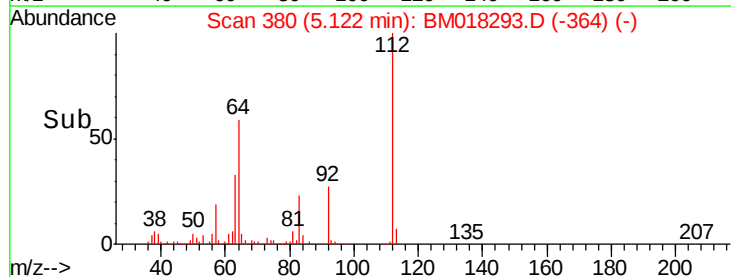
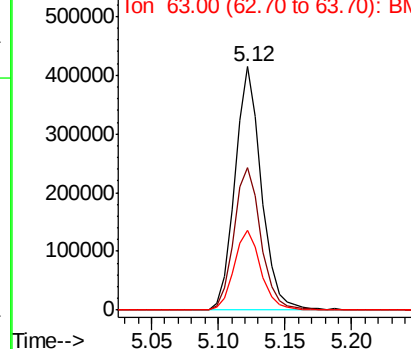
#5

2-Fluorophenol
Concen: 112.008 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018293.D
Acq: 19 Dec 2018 12:06

Tgt Ion:112 Resp: 576911
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.2
63 32.6 24.0 36.0



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: 104.266 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018293.D

Acq: 19 Dec 2018 12:06

Instrument :

BNA_M

ClientSampleId :

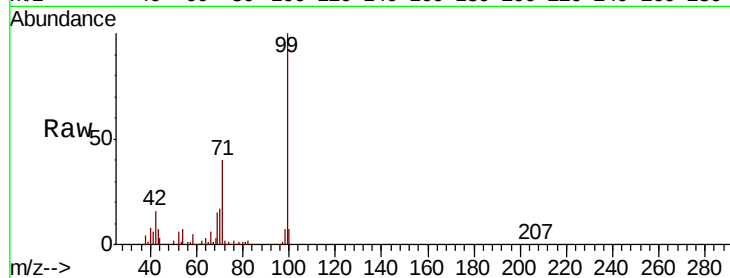
Tot Ion: 99 Resp: 746436

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

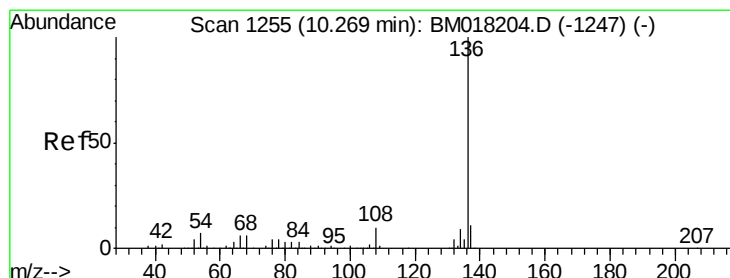
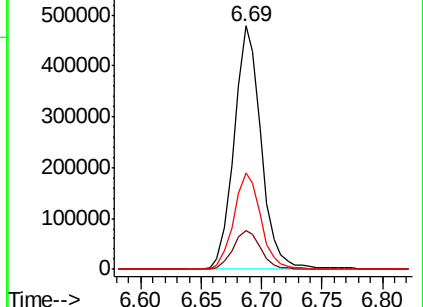
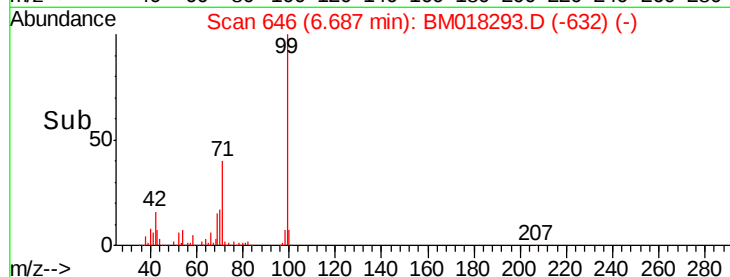
71 39.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018293.D

Acq: 19 Dec 2018 12:06

Tgt Ion: 136 Resp: 300048

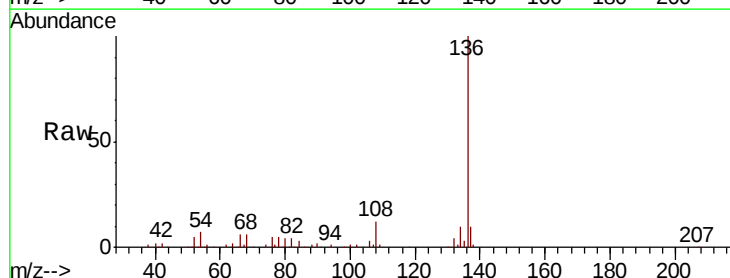
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.1 5.2 7.8

68 6.1 5.0 7.6

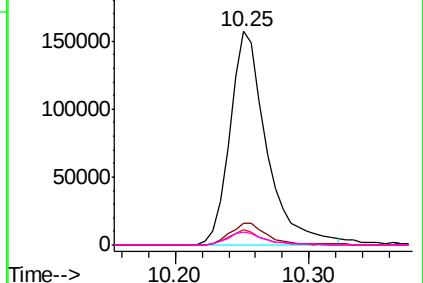
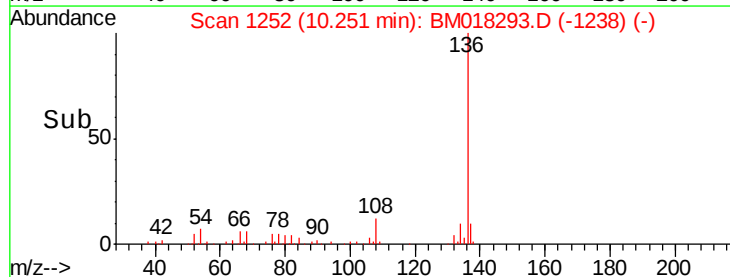


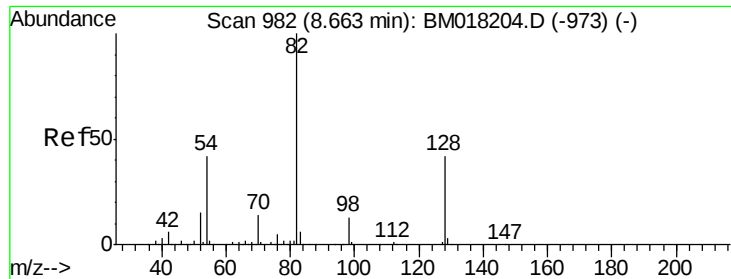
Abundance Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)

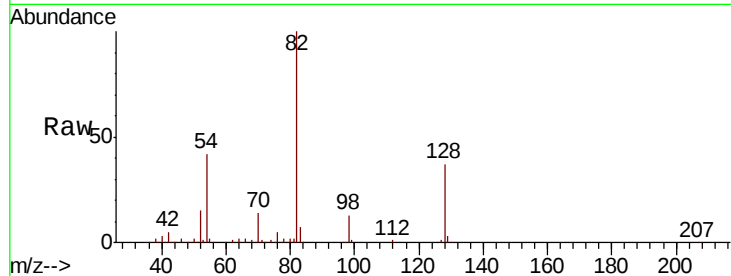




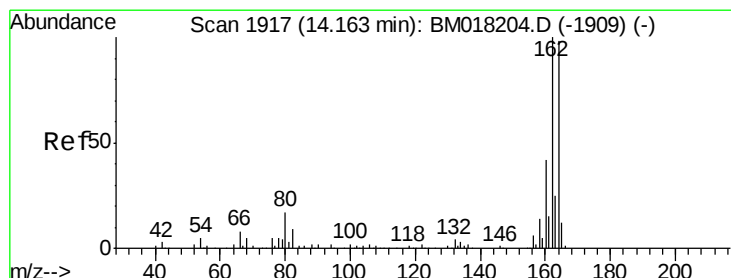
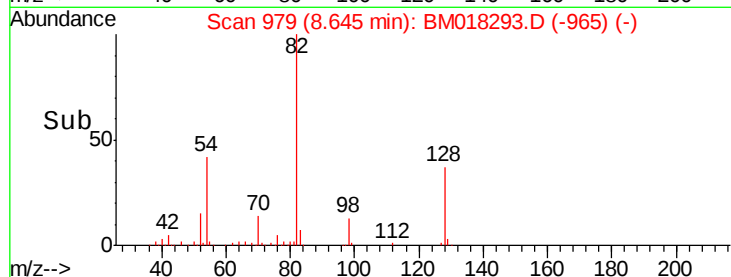
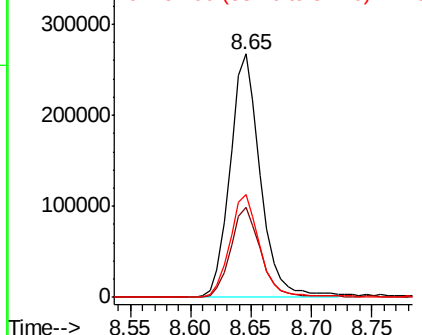
#23
Nitrobenzene-d5
Concen: 80.145 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018293.D
Acq: 19 Dec 2018 12:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	468819
Ion Ratio	Lower	Upper	
82	100		
128	36.8	33.4	50.2
54	42.4	33.4	50.2

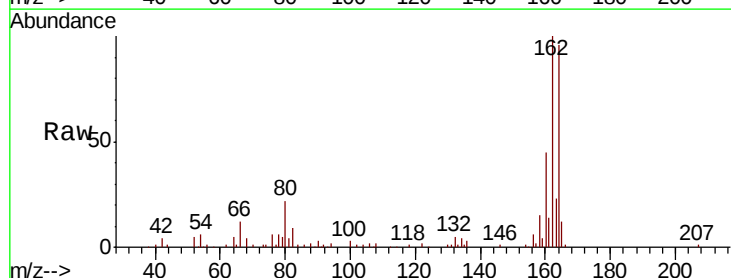


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-973) (-)

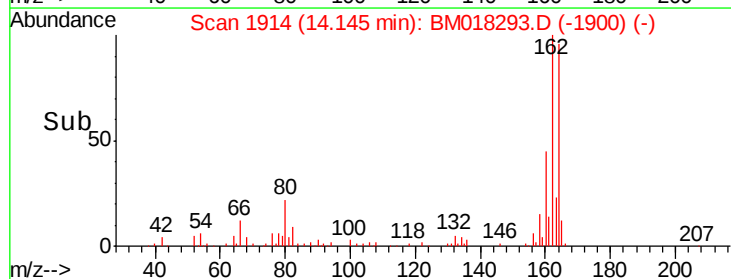
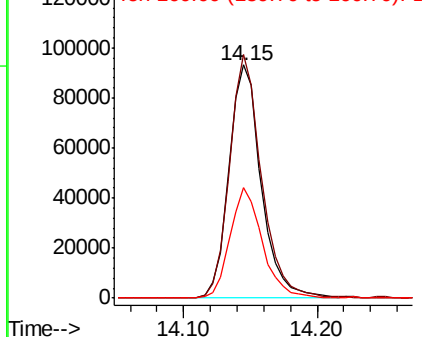


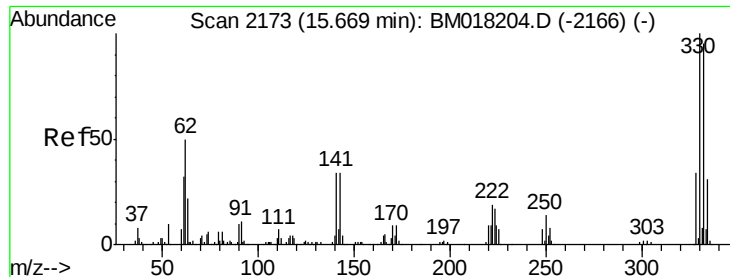
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018293.D
Acq: 19 Dec 2018 12:06

Tgt Ion	164	Resp	157165
Ion Ratio	Lower	Upper	
164	100		
162	104.5	81.8	122.6
160	47.3	34.6	51.8



Abundance Ion 164.00 (163.70 to 164.70): BM018204.D (-1909) (-)

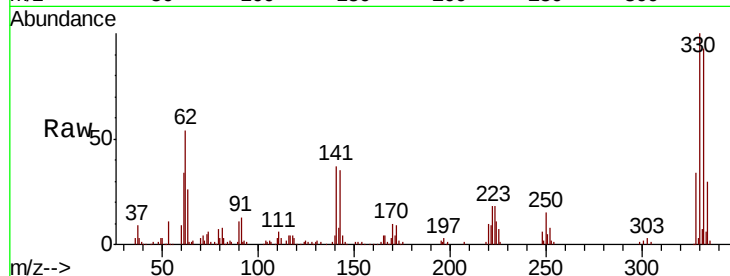




#42
 2,4,6-Tribromophenol
 Concen: 102.994 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018293.D
 Acq: 19 Dec 2018 12:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.6	118.0
141	38.5	27.1	40.7

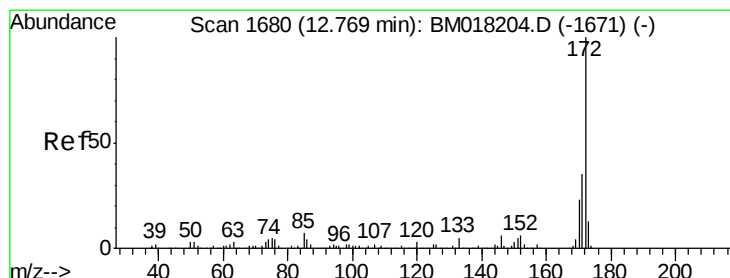
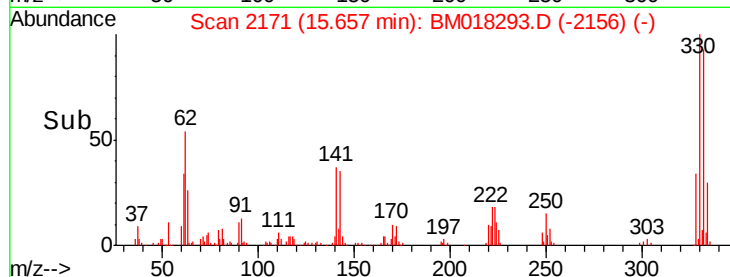
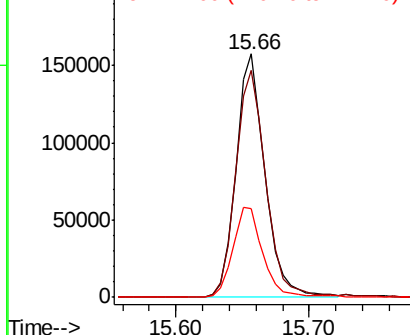


Abundance

Ion 329.80 (329.50 to 330.50): E

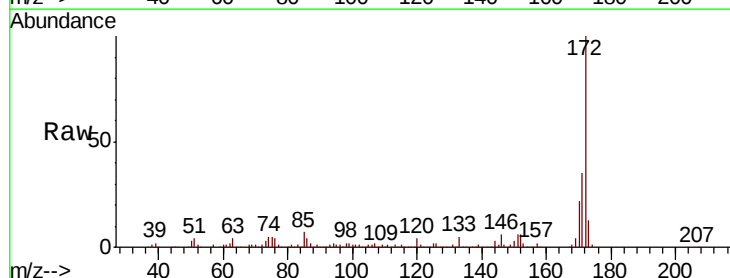
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.614 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018293.D
 Acq: 19 Dec 2018 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.4	18.1	27.1

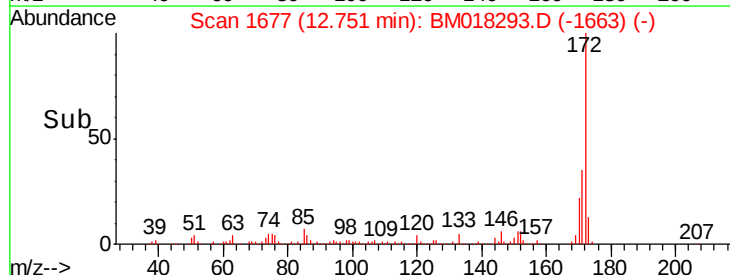
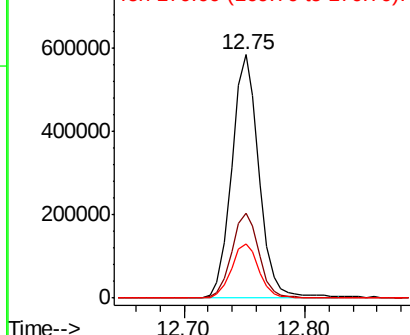


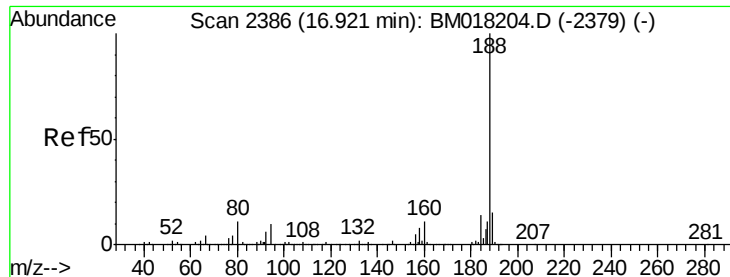
Abundance

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

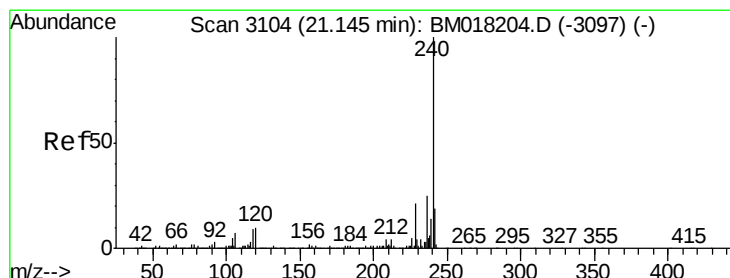
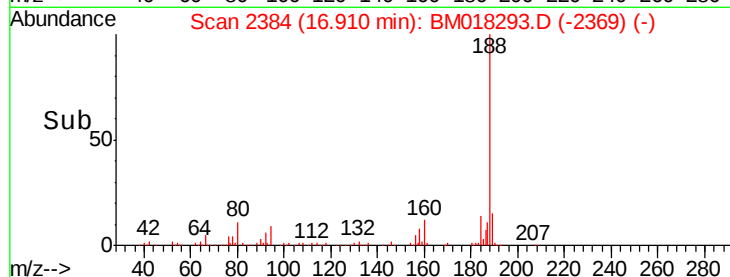
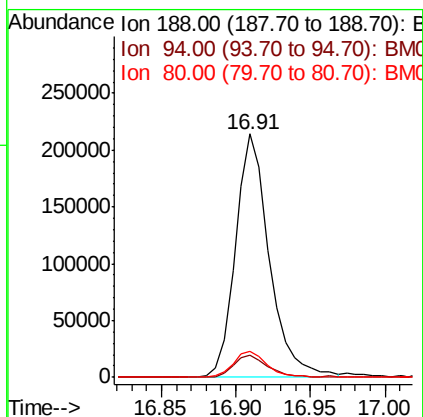
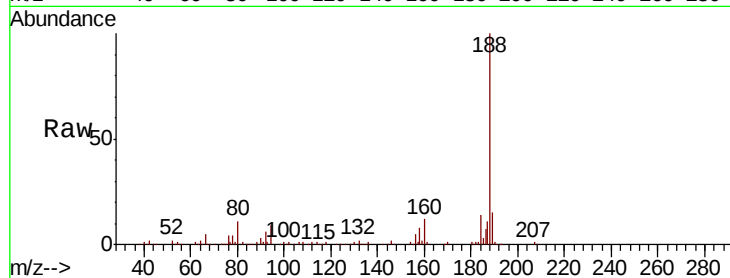




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018293.D
Acq: 19 Dec 2018 12:06

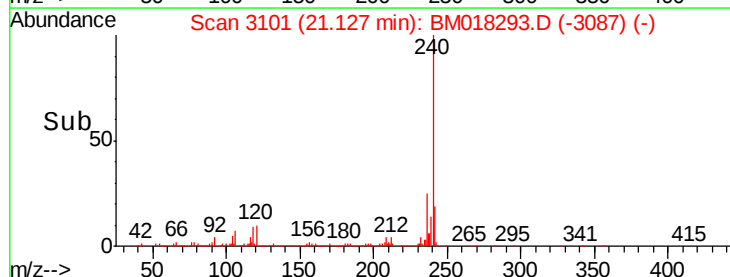
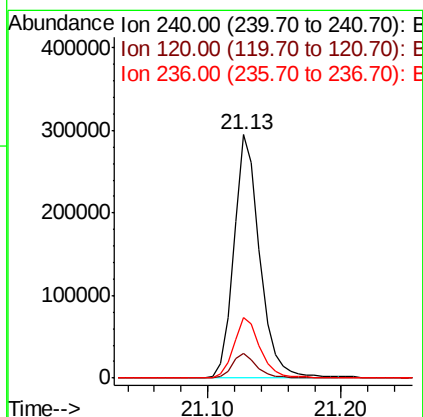
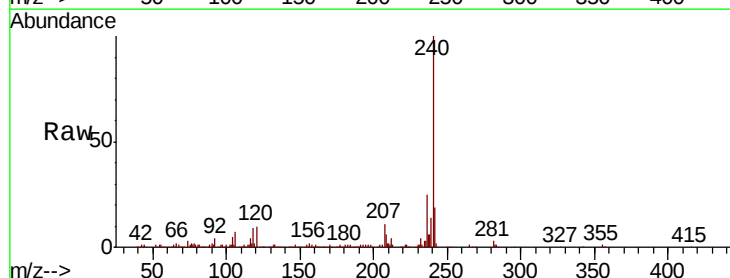
Instrument :
BNA_M
ClientSampled :

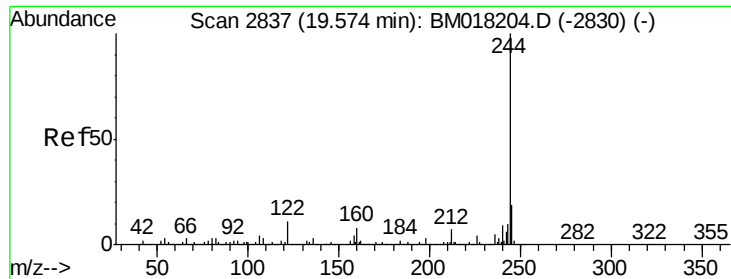
Tot Ion:188 Resp: 338705
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018293.D
Acq: 19 Dec 2018 12:06

Tgt Ion:240 Resp: 400074
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.7 20.3 30.5





#79

Terphenyl-d14

Concen: 76.224 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018293.D

Acq: 19 Dec 2018 12:06

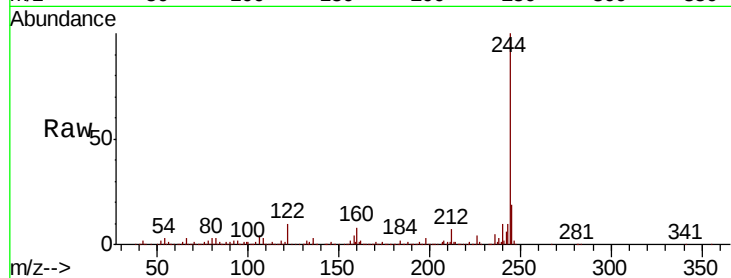
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1348361

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.0	9.0	13.6

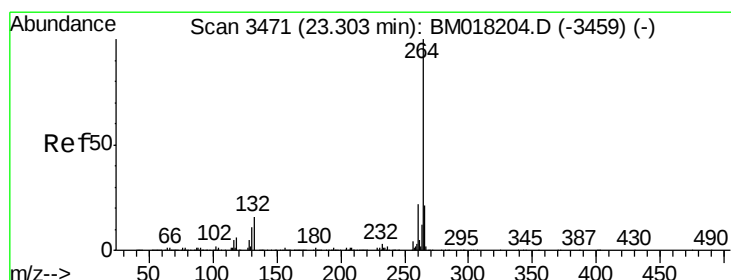
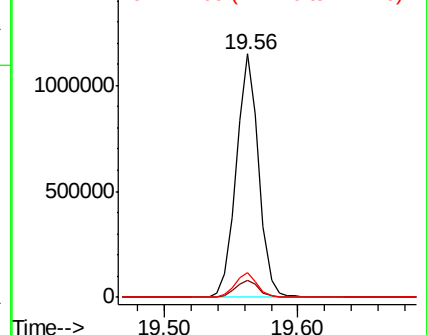
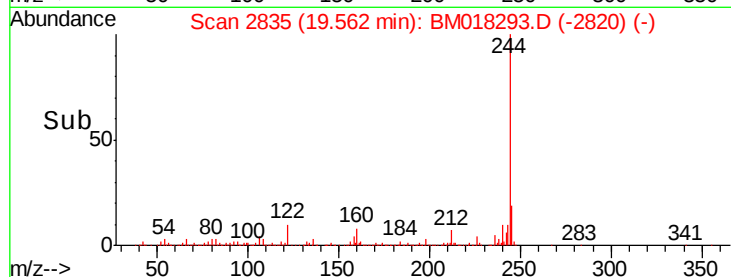


Abundance

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: 23.29 min Scan# 3468

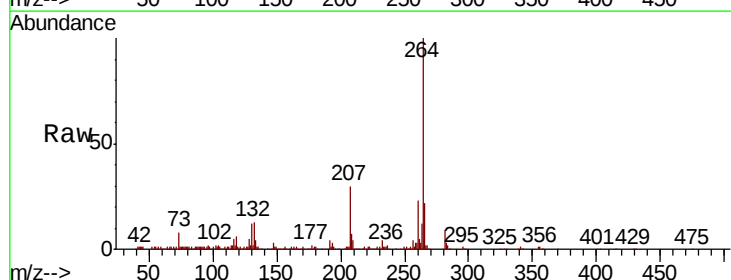
Delta R.T. -0.02 min

Lab File: BM018293.D

Acq: 19 Dec 2018 12:06

Tgt Ion:264 Resp: 457078

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.5	26.3
265	21.9	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

