

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018598.D
 Acq On : 17 Jan 2019 01:23
 Operator : JU/SJ
 Sample : K1012-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-011519-A

Quant Time: Jan 17 02:35:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	351244	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1414402	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	826777	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1891416	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	1831747	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1451918	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2261860	118.91	ng	0.00
7) Phenol-d6	6.93	99	2546780	105.41	ng	0.00
23) Nitrobenzene-d5	8.92	82	2063988	84.60	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1496408	142.15	ng	-0.01
45) 2-Fluorobiphenyl	13.02	172	5252363	82.90	ng	0.00
79) Terphenyl-d14	19.78	244	8444917	97.19	ng	0.00

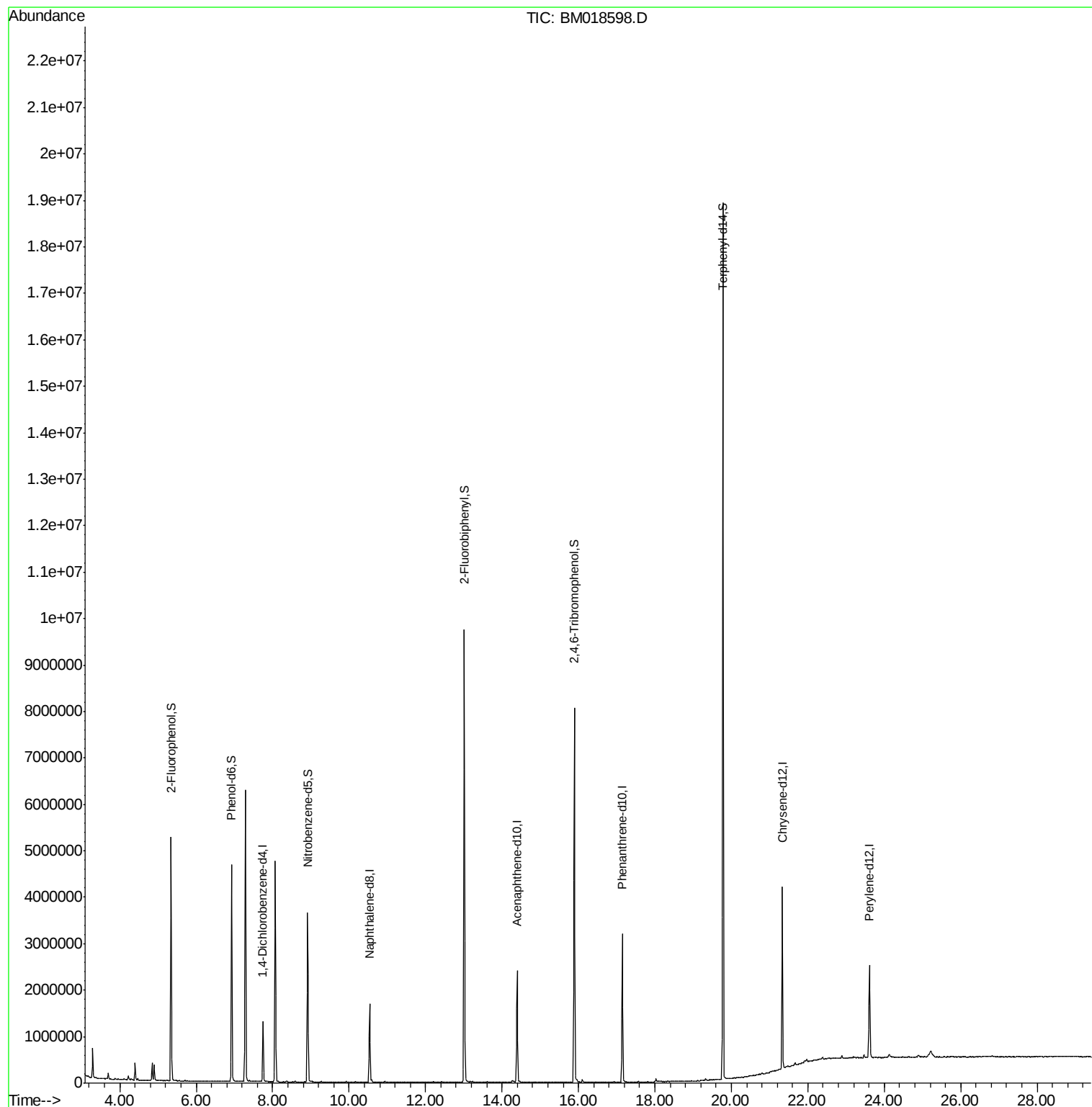
Target Compounds Qvalue

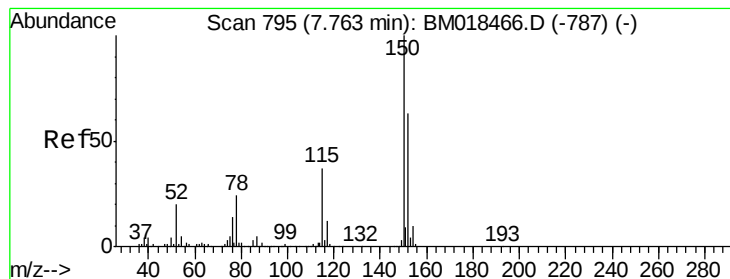
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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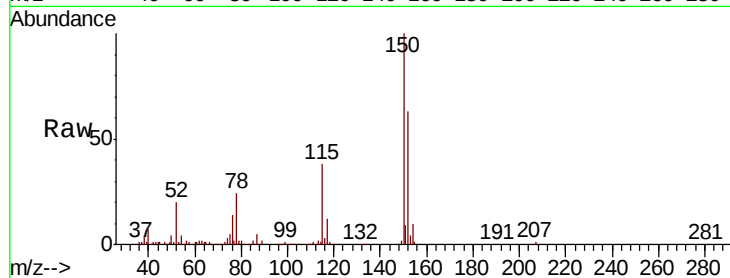


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BM018598.D
 Acq: 17 Jan 2019 01:23

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-011519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.9	190.3
115	59.7	45.5	68.3

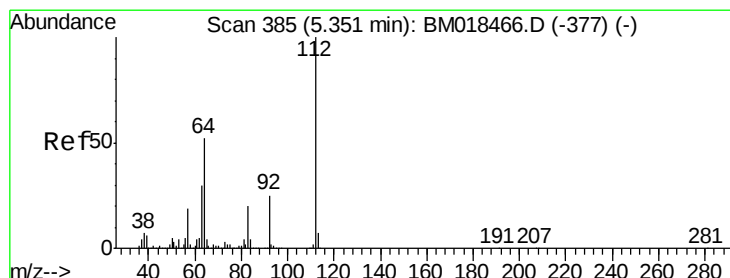
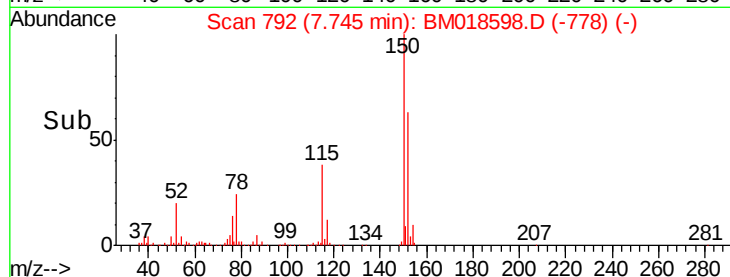
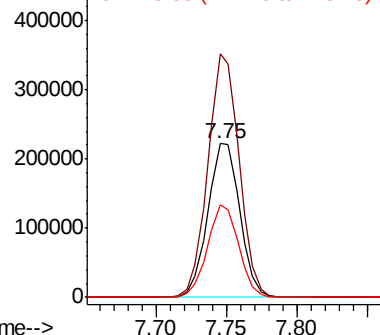


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

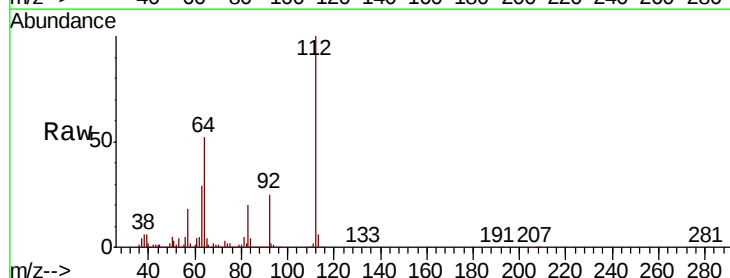
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.906 ng
 RT: 5.35 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: BM018598.D
 Acq: 17 Jan 2019 01:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.5	69.7
63	28.9	25.2	37.8

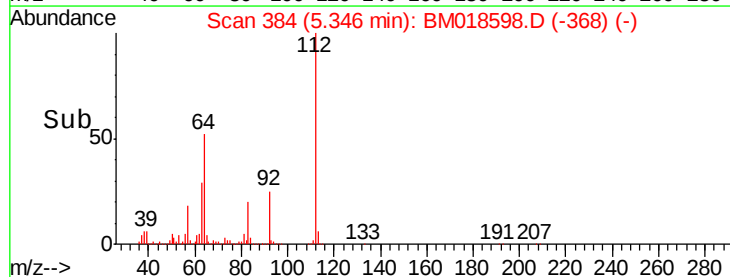
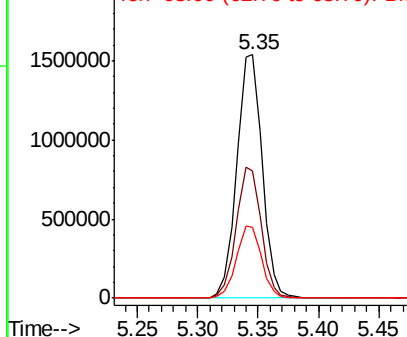


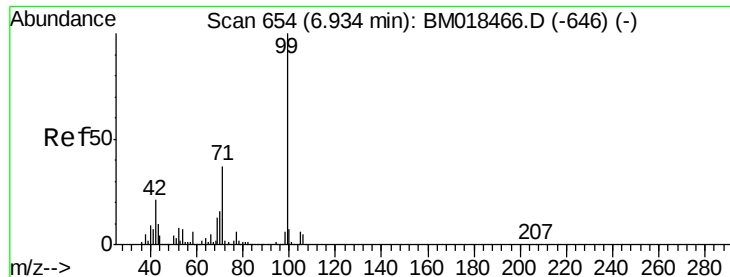
Abundance

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: 105.411 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018598.D

Acq: 17 Jan 2019 01:23

Instrument :

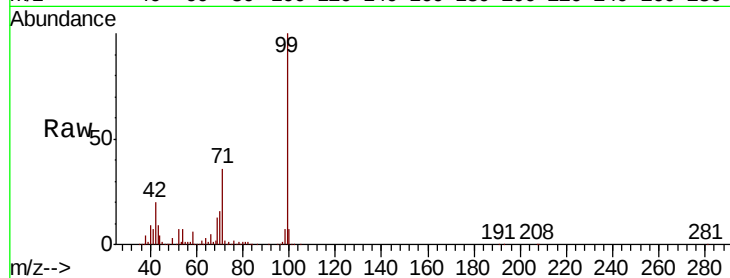
BNA_M

ClientSampleId :

EO-01-011519-A

Tot Ion: 99 Resp: 2546780

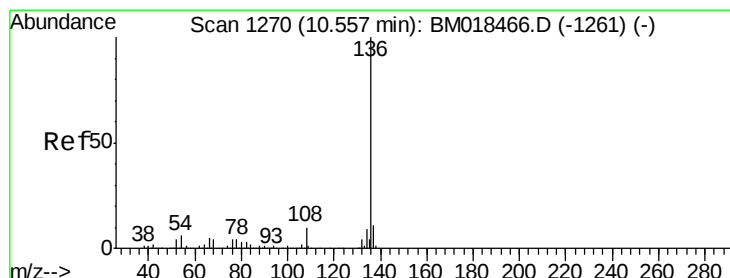
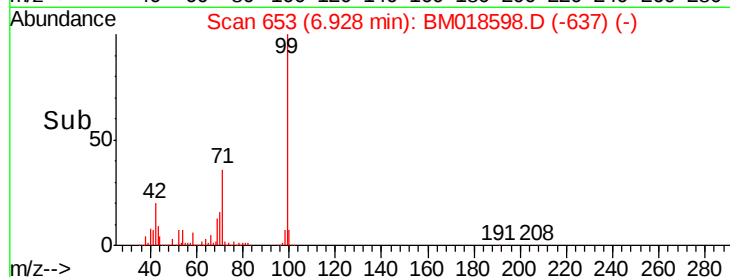
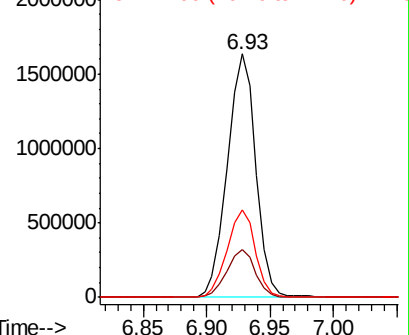
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	35.9	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

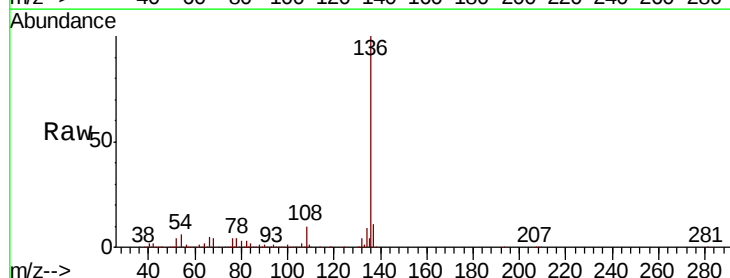
Delta R.T. -0.01 min

Lab File: BM018598.D

Acq: 17 Jan 2019 01:23

Tgt Ion: 136 Resp: 1414402

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	5.9	6.0	9.0#
68	4.2	4.5	6.7#

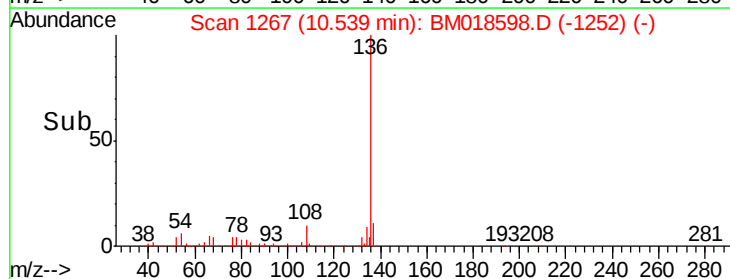
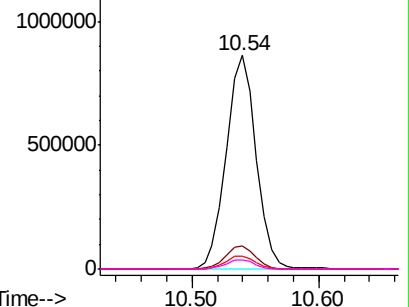


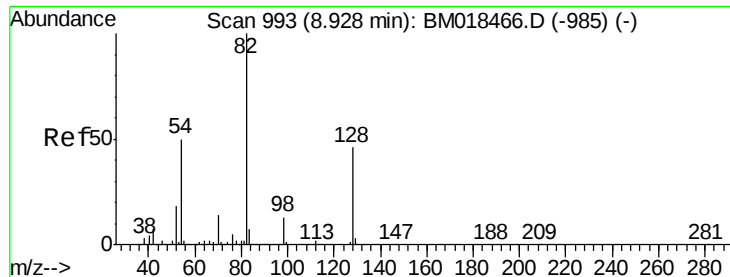
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



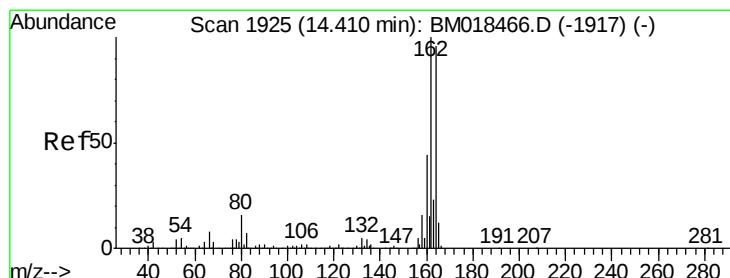
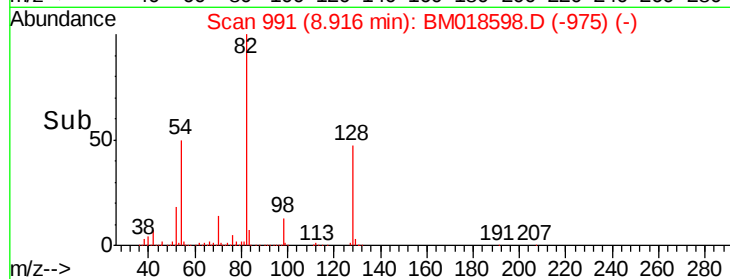
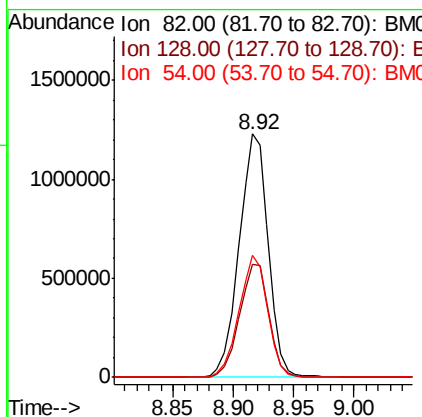
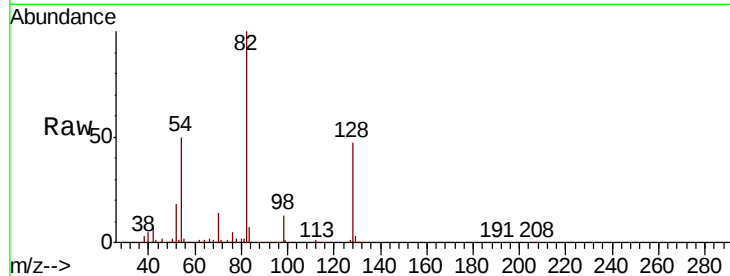


#23
 Nitrobenzene-d5
 Concen: 84.595 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018598.D
 Acq: 17 Jan 2019 01:23

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-011519-A

Tot Ion: 82 Resp: 2063988

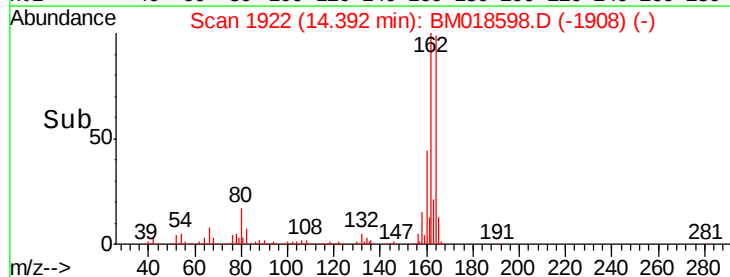
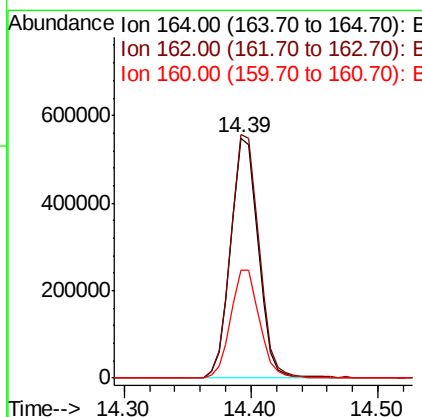
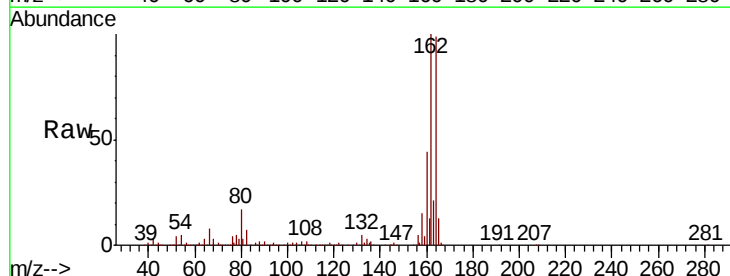
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	49.9	41.7	62.5

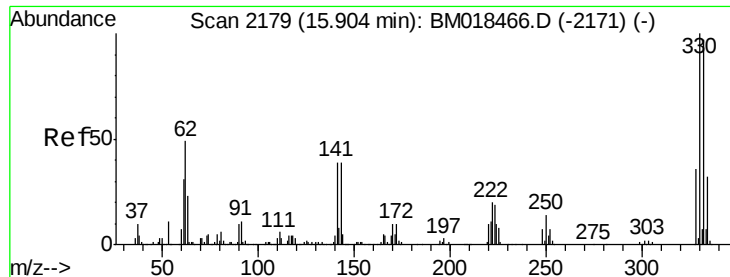


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM018598.D
 Acq: 17 Jan 2019 01:23

Tgt Ion: 164 Resp: 826777

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.0	124.4
160	45.0	37.1	55.7

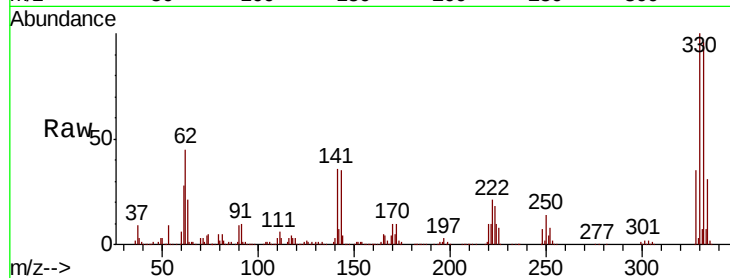




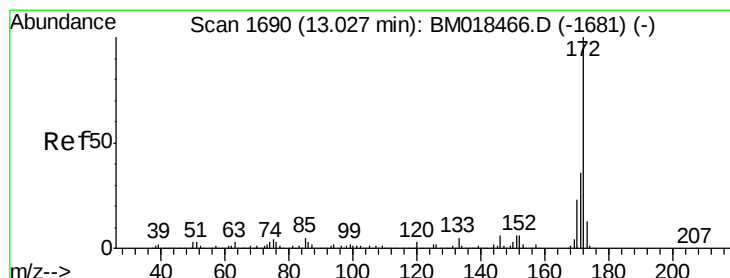
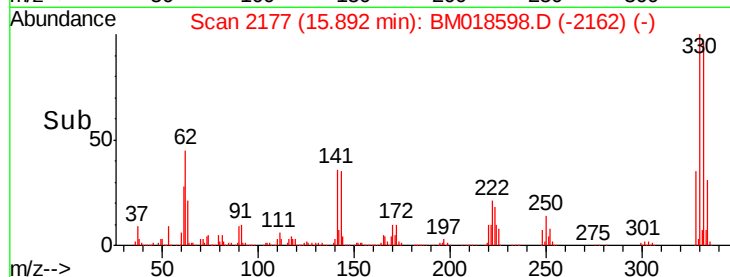
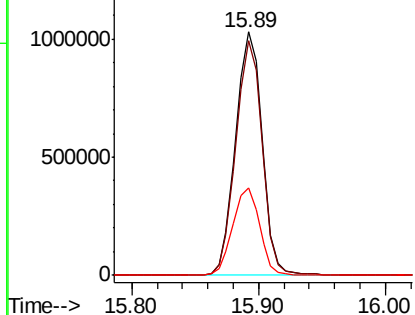
#42
 2,4,6-Tribromophenol
 Concen: 142.147 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018598.D
 Acq: 17 Jan 2019 01:23

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-011519-A

Tot Ion:330 Resp: 1496408
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 36.5 31.7 47.5

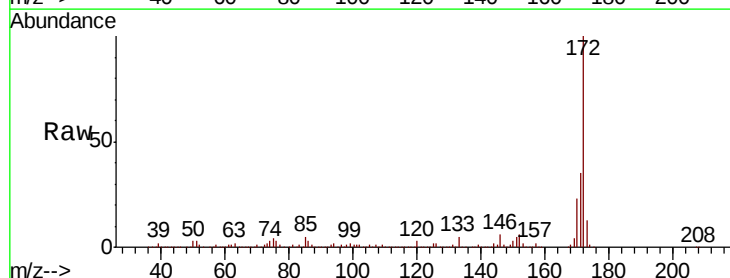


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

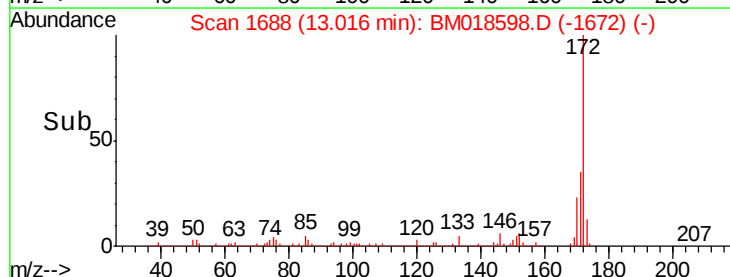
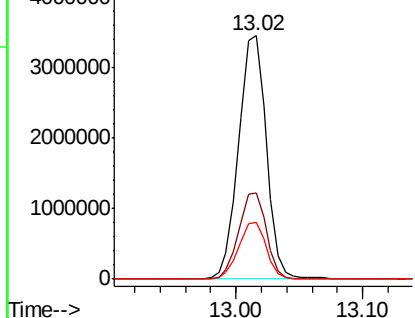


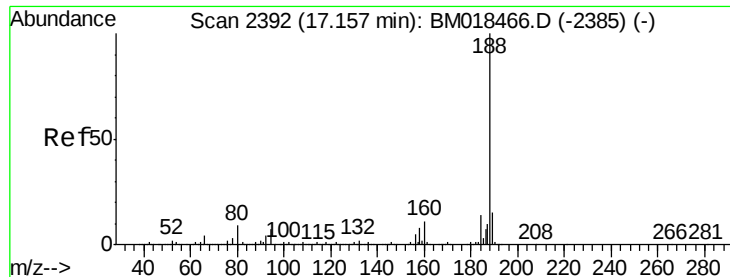
#45
 2-Fluorobiphenyl
 Concen: 82.896 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018598.D
 Acq: 17 Jan 2019 01:23

Tgt Ion:172 Resp: 5252363
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.5 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

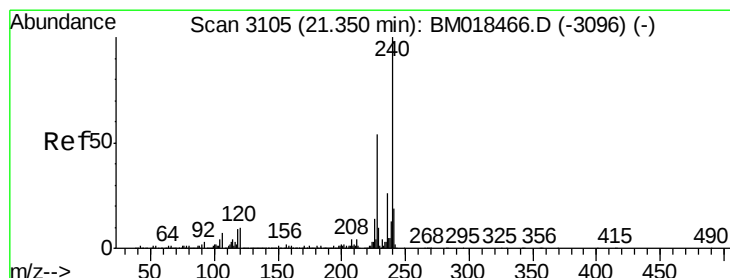
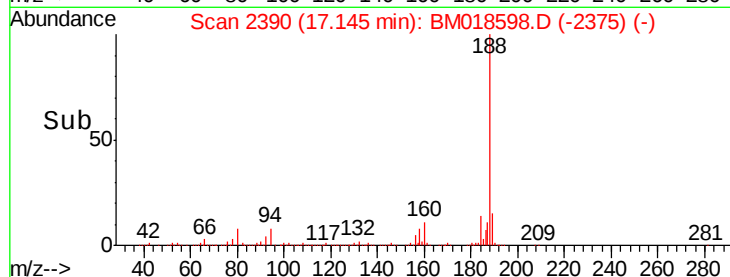
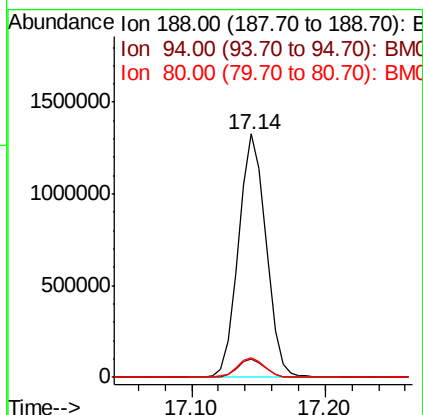
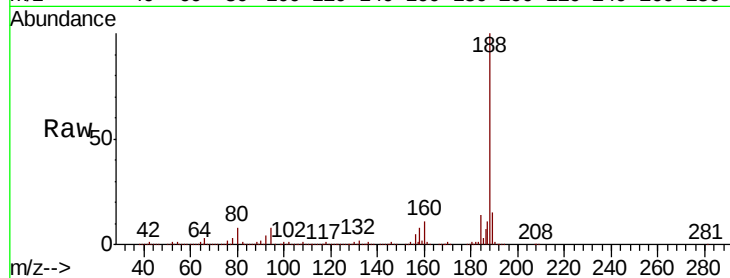




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018598.D
Acq: 17 Jan 2019 01:23

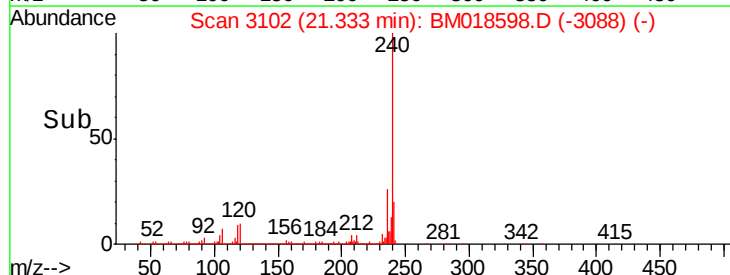
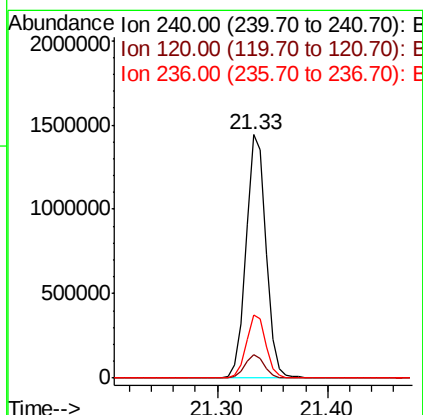
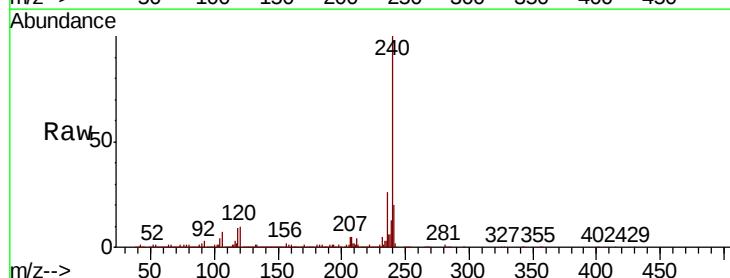
Instrument :
BNA_M
ClientSampleId :
EO-01-011519-A

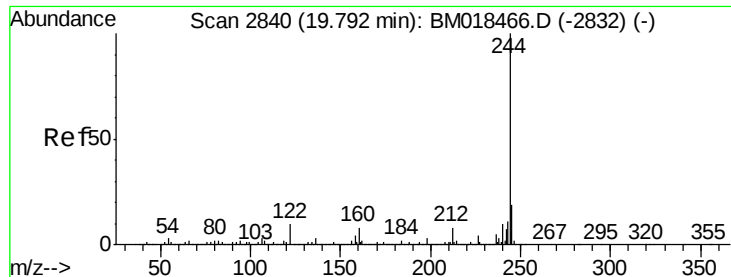
Tot Ion:188 Resp: 1891416
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018598.D
Acq: 17 Jan 2019 01:23

Tgt Ion:240 Resp: 1831747
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 97.187 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018598.D

Acq: 17 Jan 2019 01:23

Instrument :

BNA_M

ClientSampleId :

EO-01-011519-A

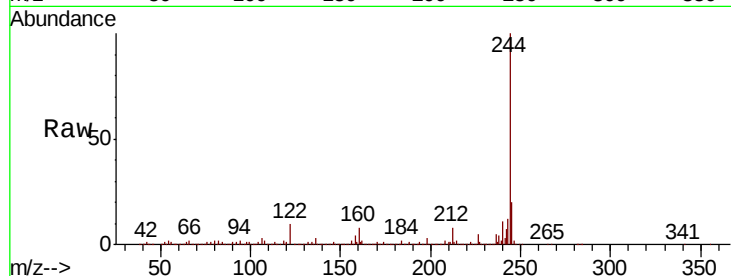
Tot Ion:244 Resp: 8444917

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

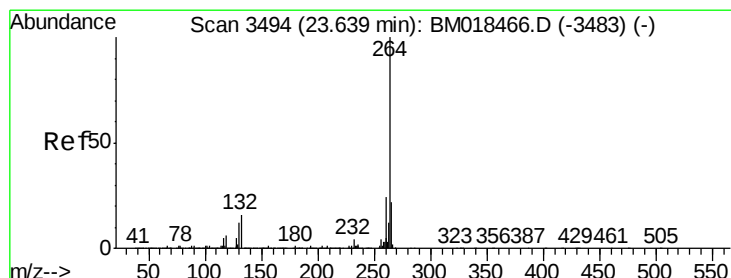
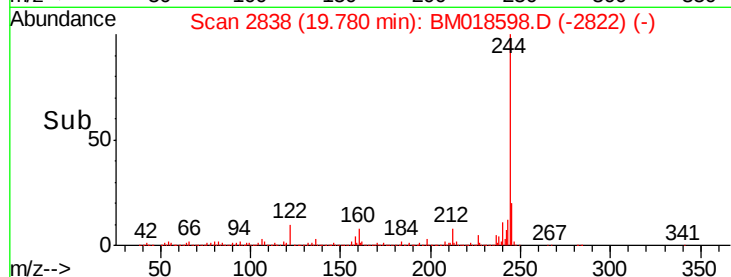
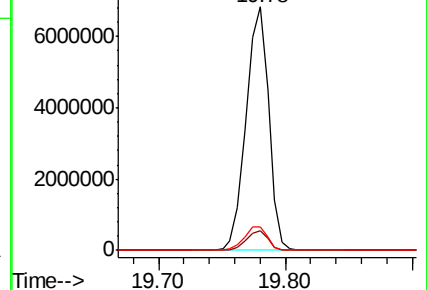
122 9.6 9.0 13.4



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: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018598.D

Acq: 17 Jan 2019 01:23

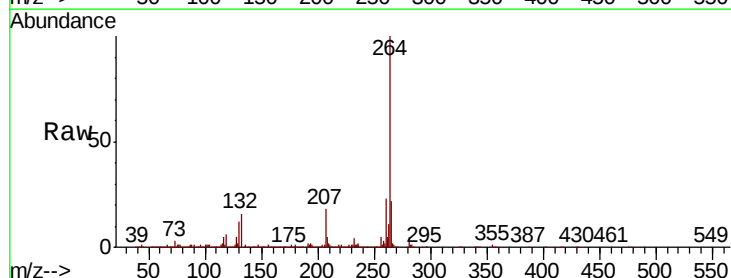
Tgt Ion:264 Resp: 1451918

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.7 16.8 25.2



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

