

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018324.D
 Acq On : 20 Dec 2018 08:26
 Operator : JU/SJ
 Sample : J6196-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-121818-B

Quant Time: Dec 20 13:22:52 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	99173	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	357541	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	194920	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	390754	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	391234	20.00	ng	-0.01
87) Perylene-d12	23.29	264	433265	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	840559	141.58	ng	0.00
7) Phenol-d6	6.69	99	1002235	121.46	ng	-0.01
23) Nitrobenzene-d5	8.65	82	796073	114.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	402745	140.78	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1567978	104.19	ng	-0.02
79) Terphenyl-d14	19.56	244	2071795	119.77	ng	-0.01

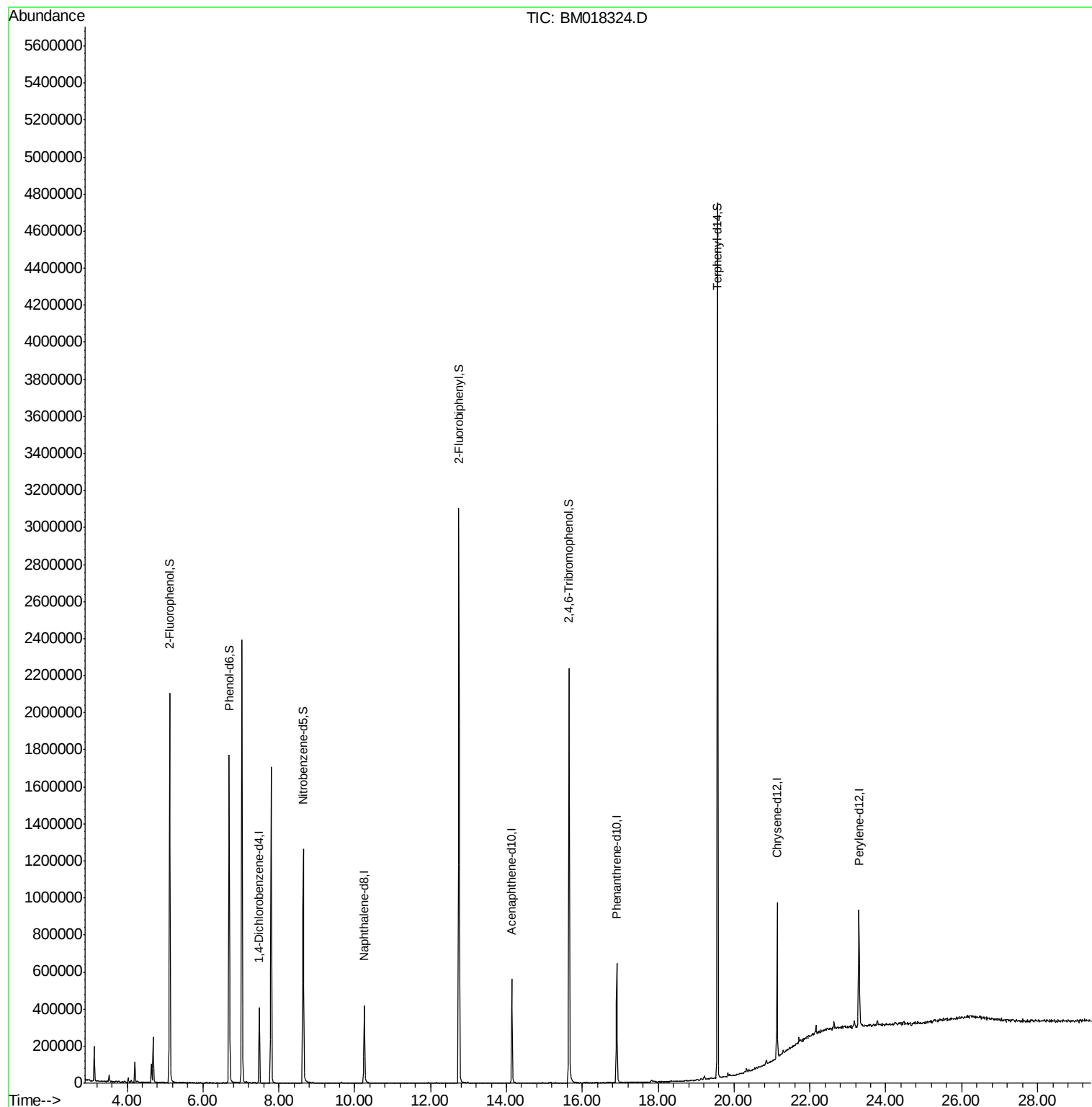
Target Compounds Qvalue

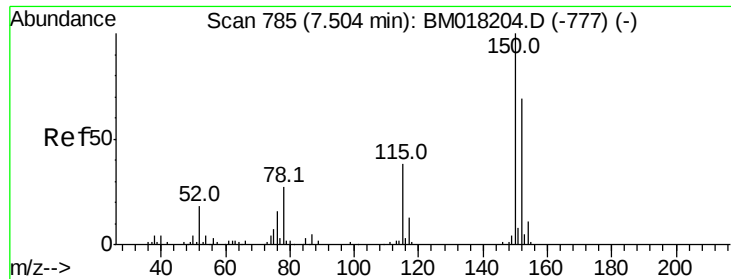
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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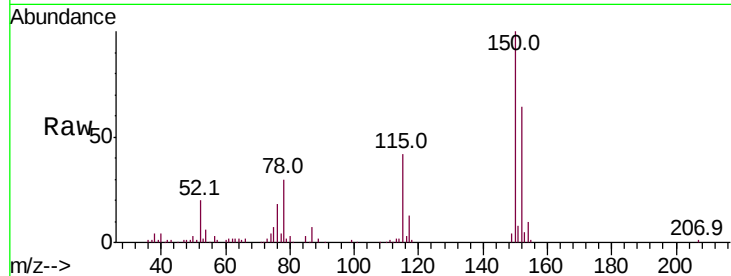


#1

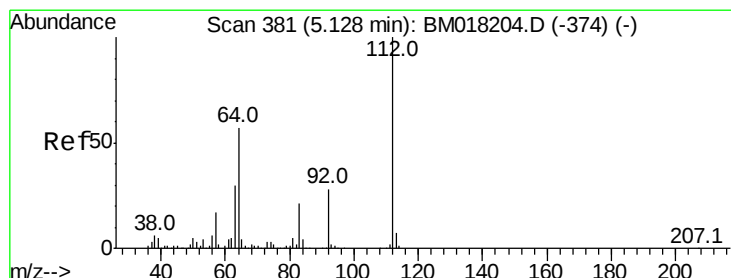
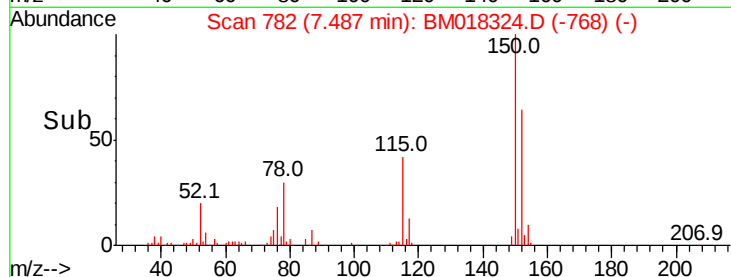
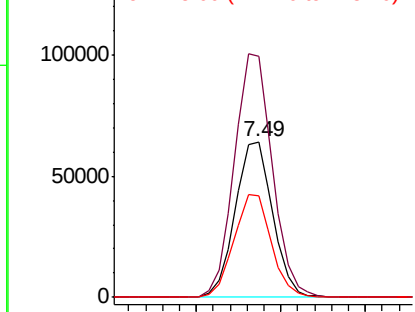
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018324.D
Acq: 20 Dec 2018 08:26

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-B

Tot Ion:152 Resp: 99173
Ion Ratio Lower Upper
152 100
150 155.1 116.1 174.1
115 65.4 44.6 67.0



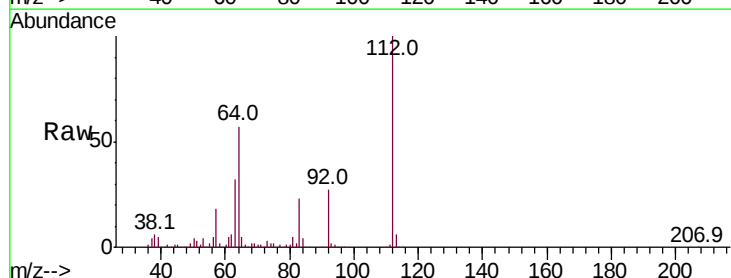
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



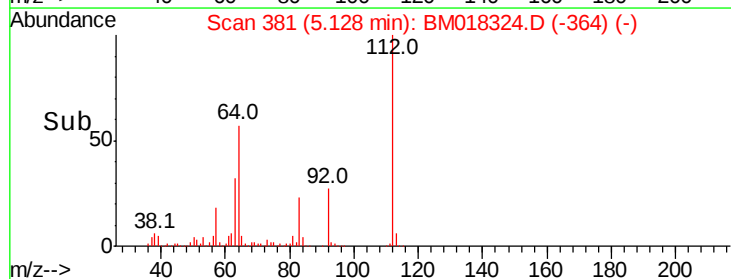
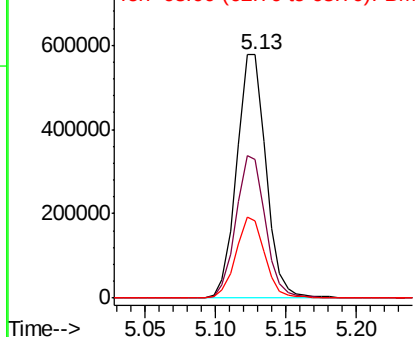
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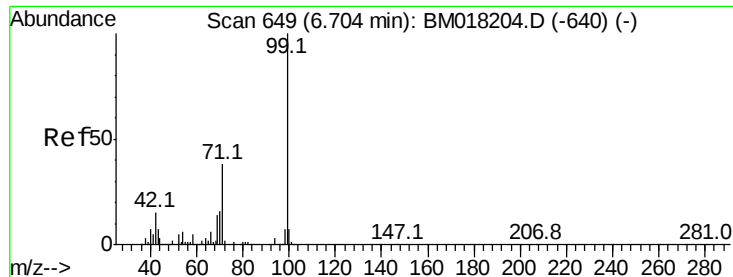
2-Fluorophenol
Concen: 141.585 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018324.D
Acq: 20 Dec 2018 08:26

Tgt Ion:112 Resp: 840559
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.2
63 31.8 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: 121.459 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018324.D

Acq: 20 Dec 2018 08:26

Instrument :

BNA_M

ClientSampleId :

EO-01-121818-B

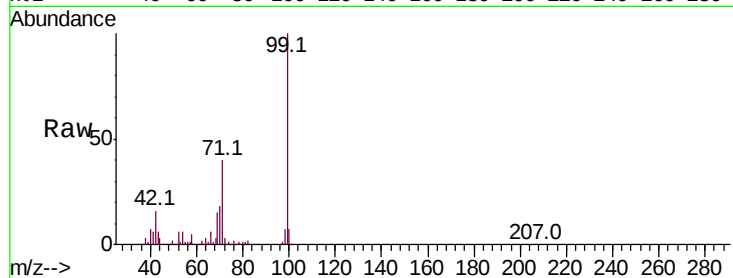
Tot Ion: 99 Resp: 1002235

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

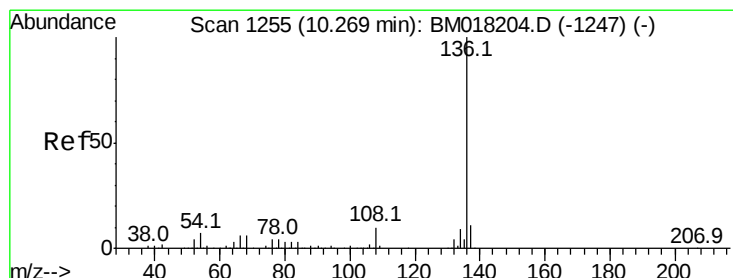
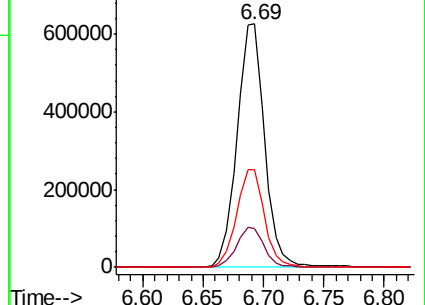
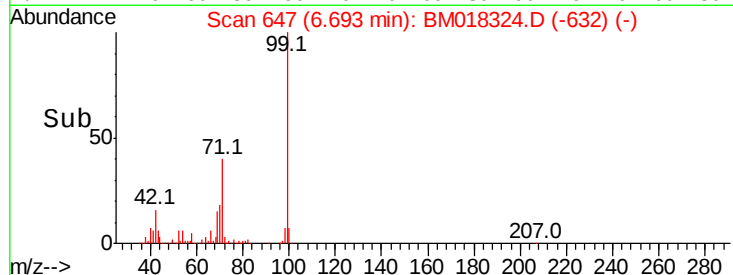
71 40.1 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018324.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018324.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018324.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018324.D

Acq: 20 Dec 2018 08:26

Tgt Ion: 136 Resp: 357541

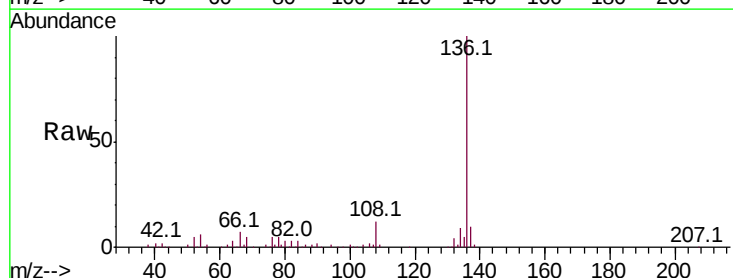
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.2 5.2 7.8

68 5.3 5.0 7.6

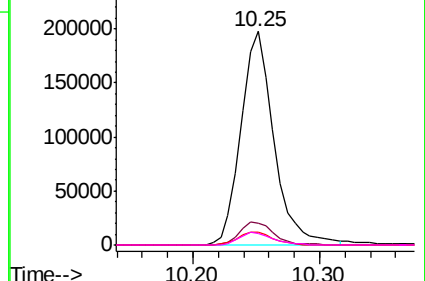
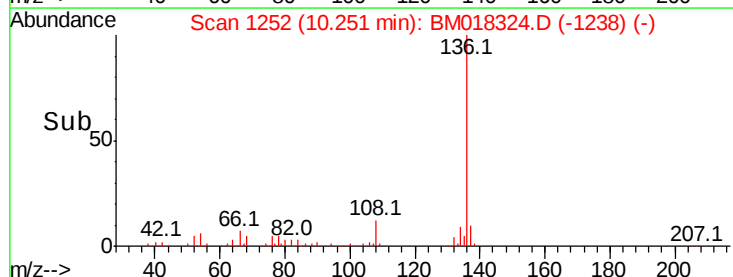


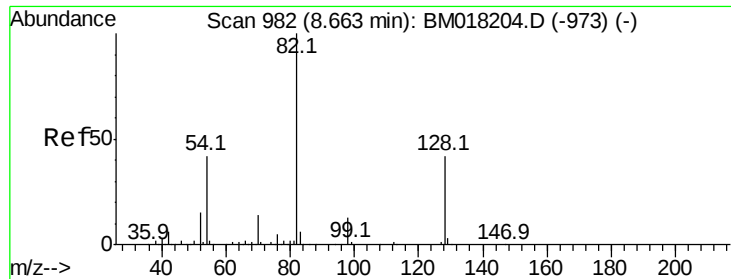
Abundance Ion 136.00 (135.70 to 136.70): BM018324.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM018324.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018324.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018324.D (-1238) (-)

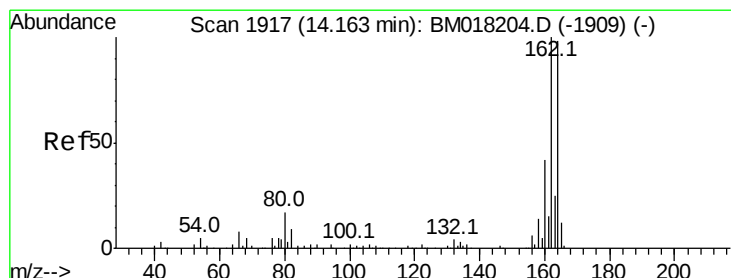
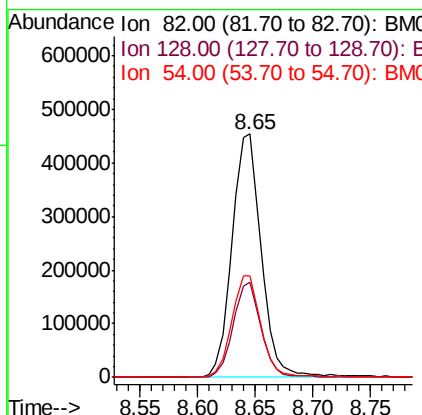
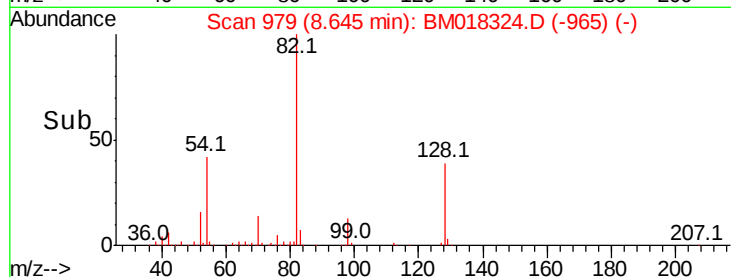
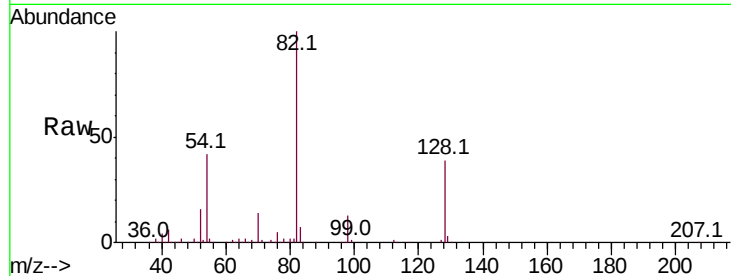




#23
Nitrobenzene-d5
Concen: 114.206 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018324.D
Acq: 20 Dec 2018 08:26

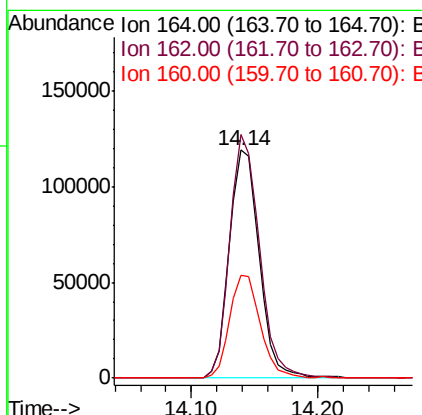
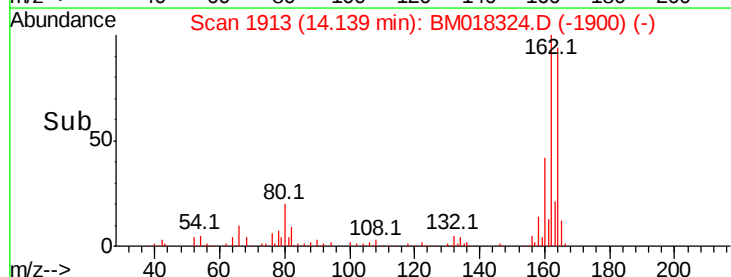
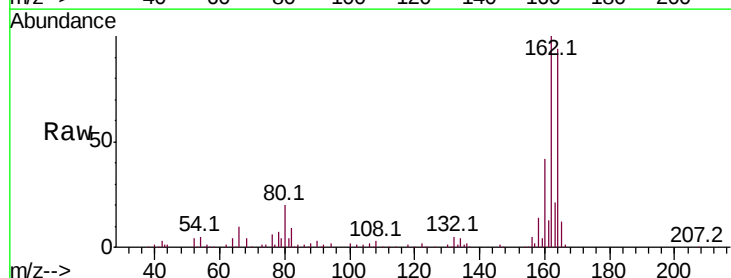
Instrument :
BNA_M
ClientSampleId :
EO-01-121818-B

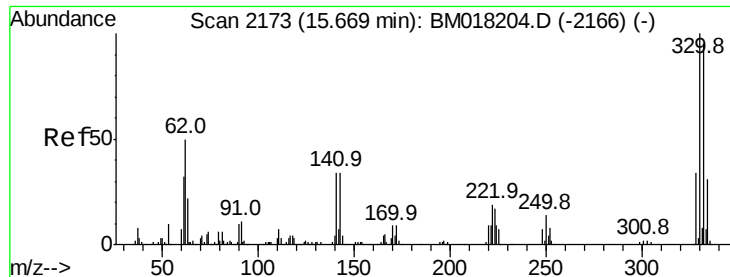
Tot Ion: 82 Resp: 796073
Ion Ratio Lower Upper
82 100
128 39.0 33.4 50.2
54 41.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018324.D
Acq: 20 Dec 2018 08:26

Tgt Ion:164 Resp: 194920
Ion Ratio Lower Upper
164 100
162 106.9 81.8 122.6
160 44.9 34.6 51.8

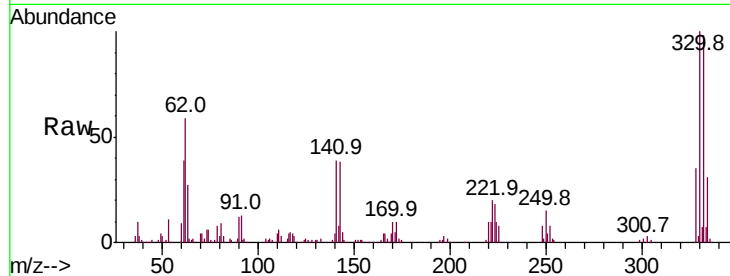




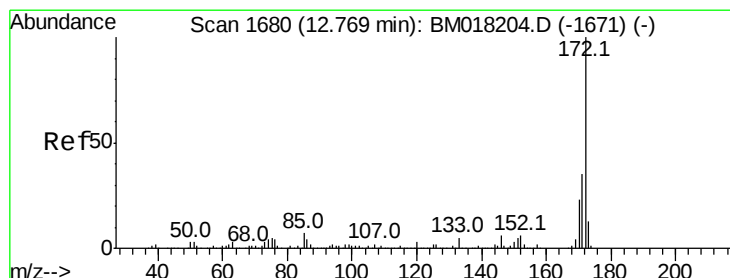
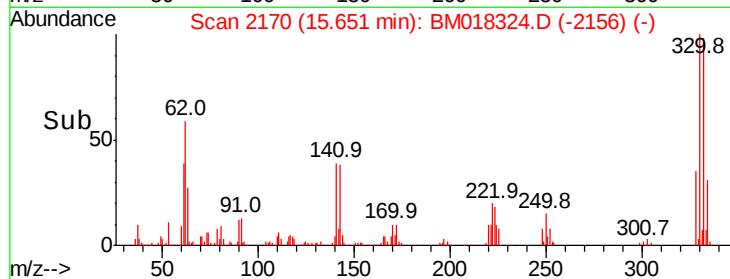
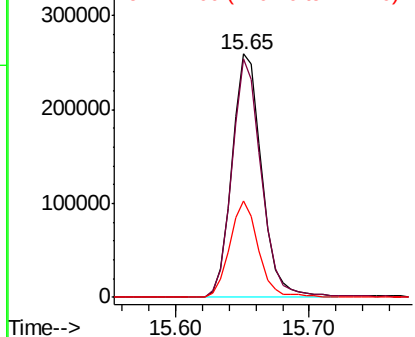
#42
 2,4,6-Tribromophenol
 Concen: 140.776 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018324.D
 Acq: 20 Dec 2018 08:26

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-121818-B

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

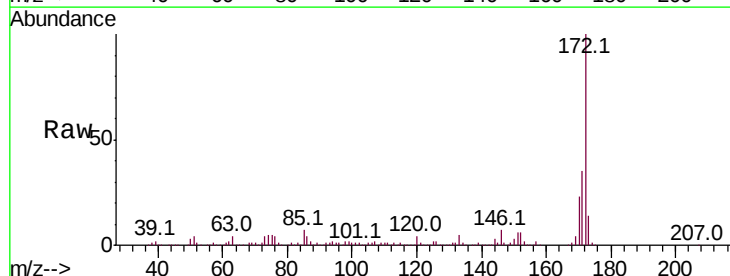


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

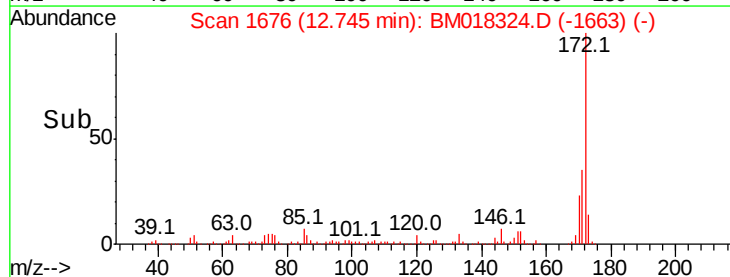
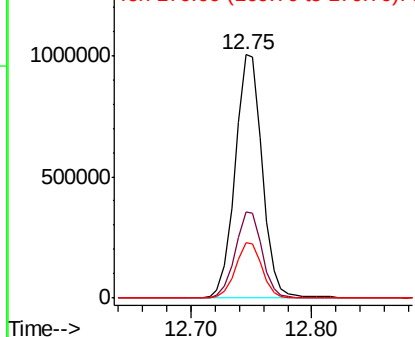


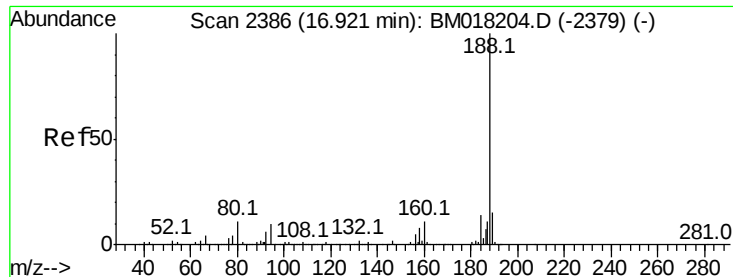
#45
 2-Fluorobiphenyl
 Concen: 104.192 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM018324.D
 Acq: 20 Dec 2018 08:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.0	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

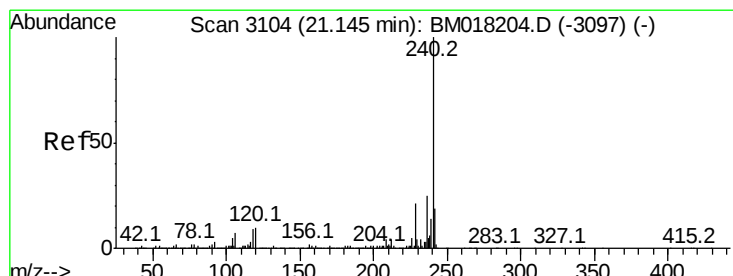
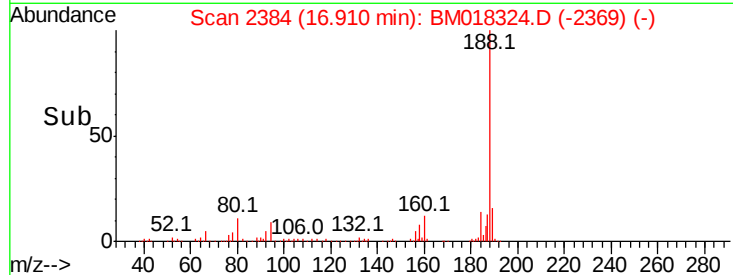
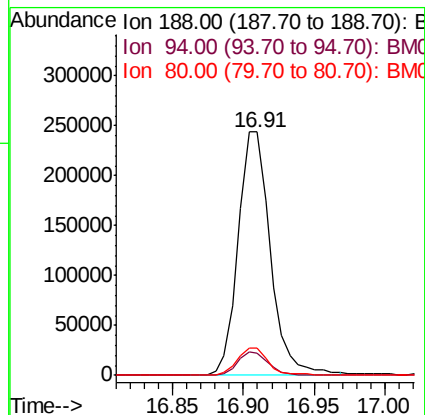
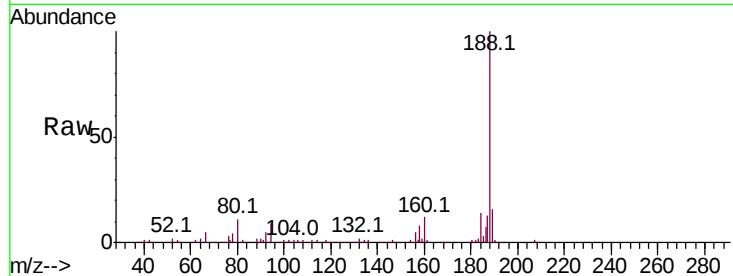




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018324.D
Acq: 20 Dec 2018 08:26

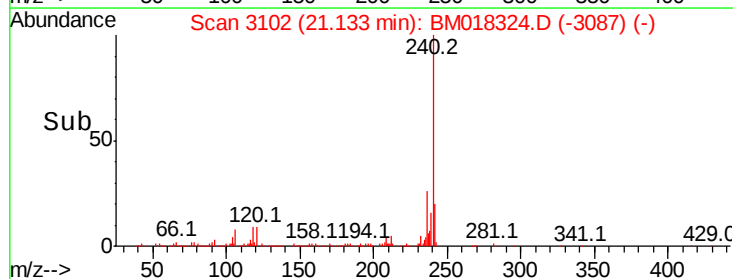
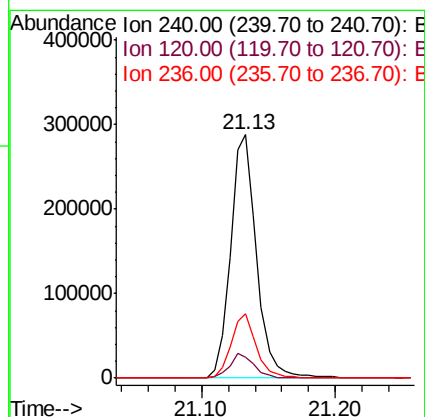
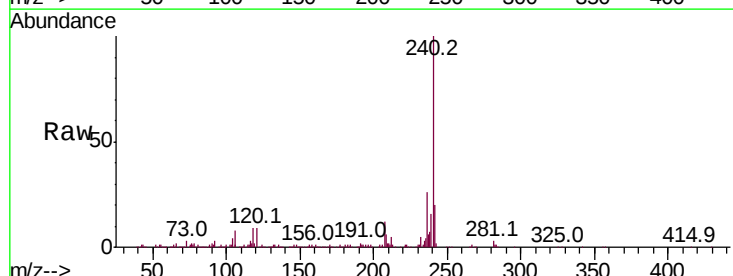
Instrument :
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EO-01-121818-B

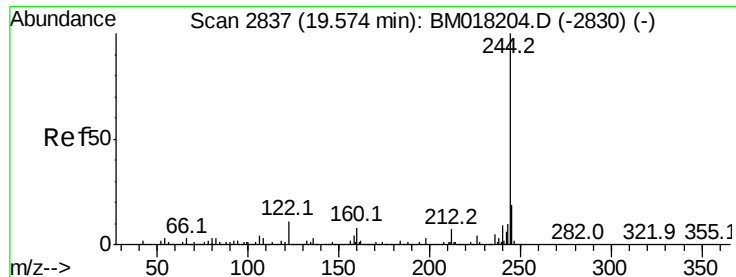
Tot Ion:188 Resp: 390754
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 11.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018324.D
Acq: 20 Dec 2018 08:26

Tgt Ion:240 Resp: 391234
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 26.4 20.3 30.5





#79

Terphenyl-d14

Concen: 119.767 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018324.D

Acq: 20 Dec 2018 08:26

Instrument :

BNA_M

ClientSampleId :

EO-01-121818-B

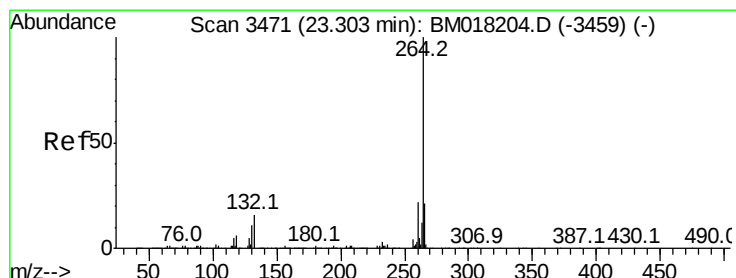
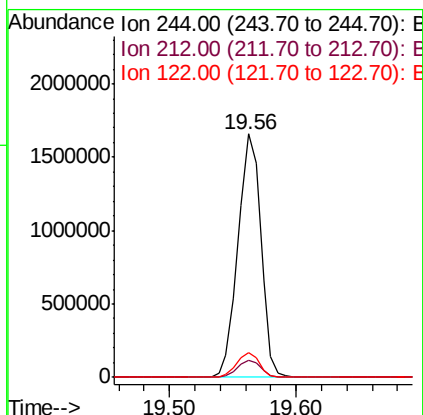
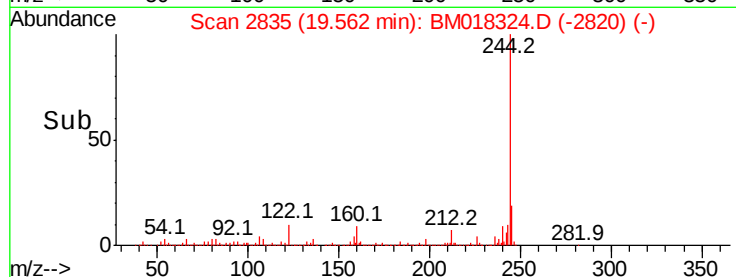
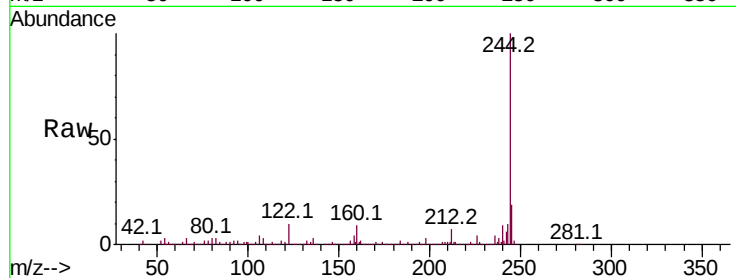
Tot Ion:244 Resp: 2071795

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.4 9.0 13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018324.D

Acq: 20 Dec 2018 08:26

Tgt Ion:264 Resp: 433265

Ion Ratio Lower Upper

264 100

260 23.3 17.5 26.3

265 22.1 17.3 25.9

