

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018328.D
 Acq On : 20 Dec 2018 10:52
 Operator : JU/SJ
 Sample : J6194-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-121818-A

Quant Time: Dec 20 13:25:26 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	7.48	152	96721	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	323165	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	162959	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	303971	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	377996	20.00	ng	-0.01
87) Perylene-d12	23.29	264	427171	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	799899	138.15	ng	0.00
7) Phenol-d6	6.69	99	910008	113.08	ng	-0.02
23) Nitrobenzene-d5	8.64	82	740799	117.58	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	315050	131.72	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1388785	110.38	ng	-0.02
79) Terphenyl-d14	19.56	244	1759125	105.25	ng	-0.01

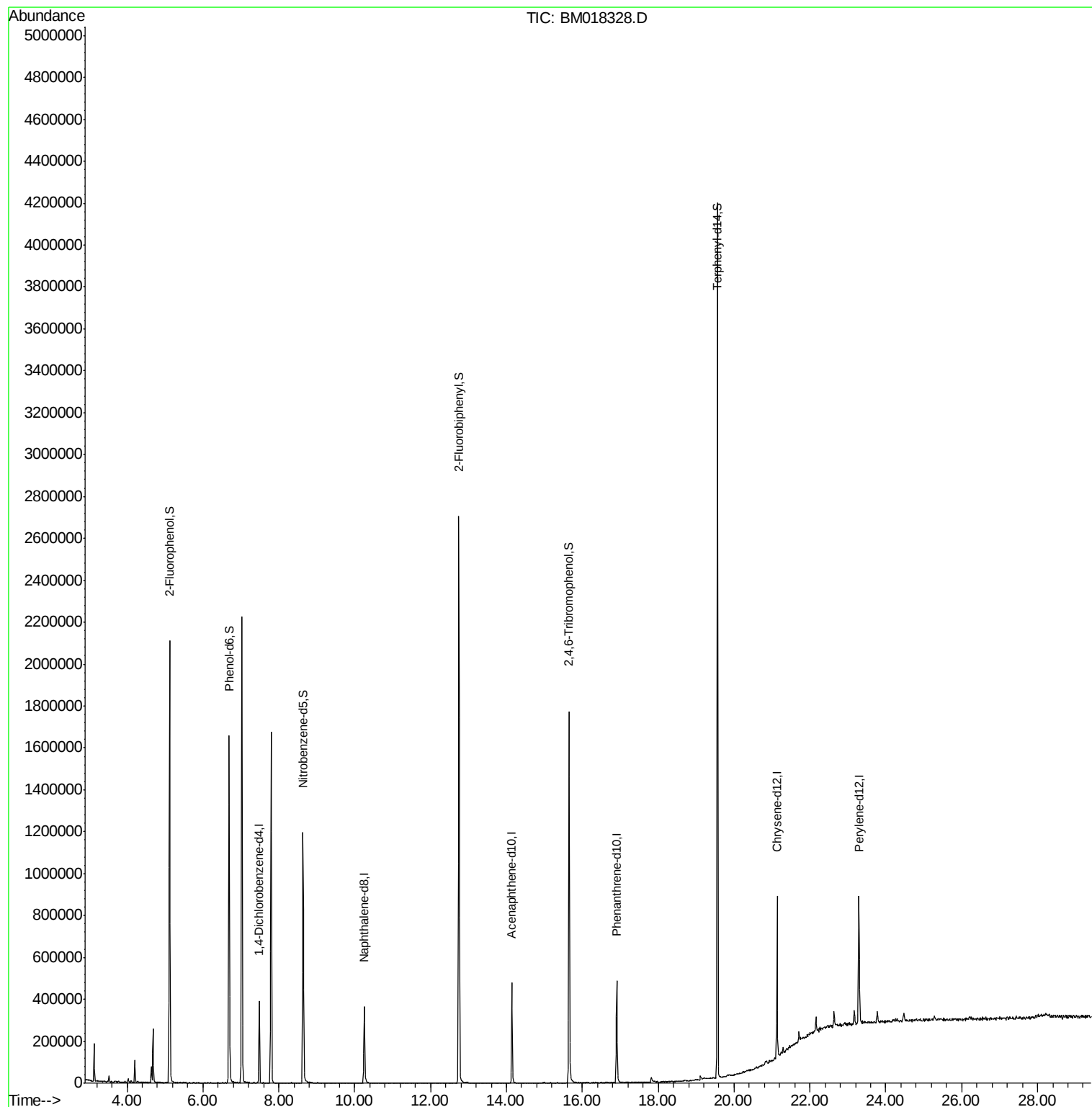
Target Compounds Qvalue

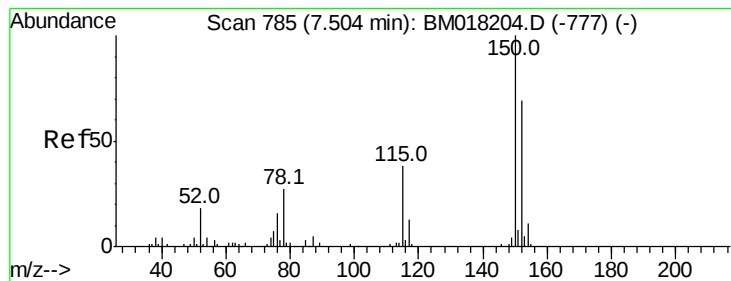
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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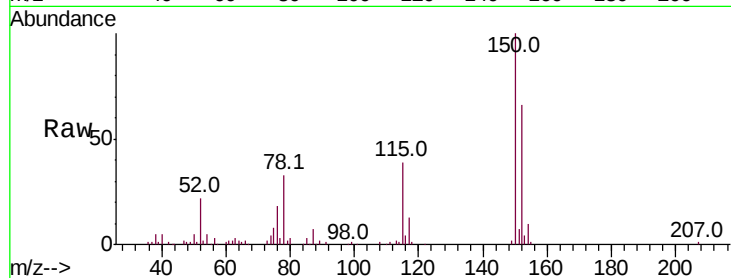


#1

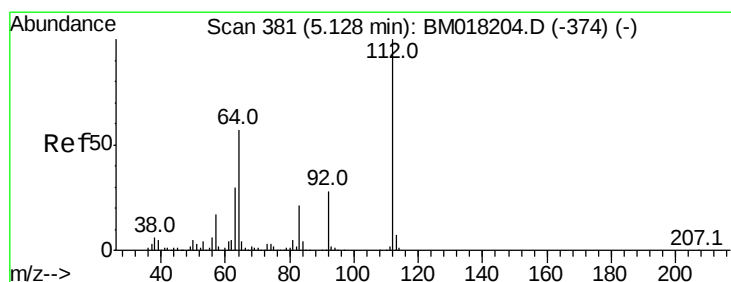
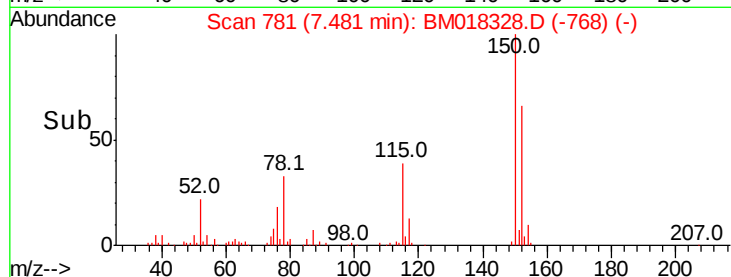
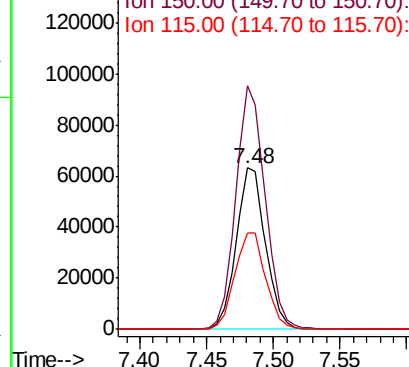
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018328.D
Acq: 20 Dec 2018 10:52

Instrument :
BNA_M
ClientSampleId :
OK-01-121818-A

Tot Ion:152 Resp: 96721
Ion Ratio Lower Upper
152 100
150 150.8 116.1 174.1
115 59.3 44.6 67.0



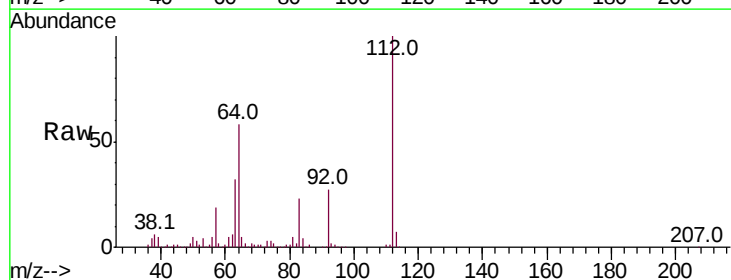
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



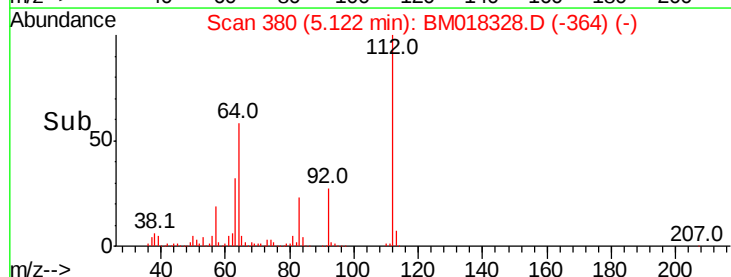
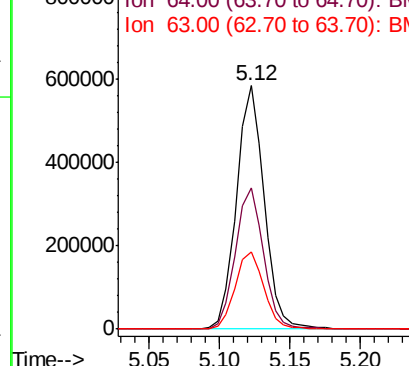
#5

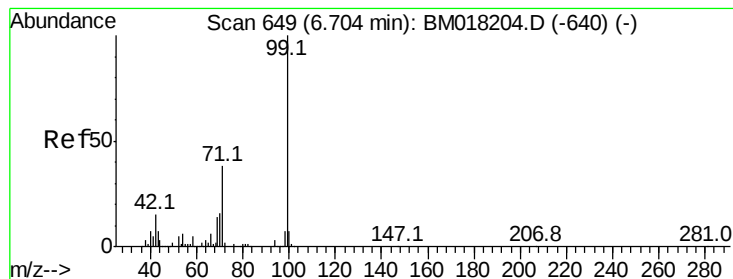
2-Fluorophenol
Concen: 138.152 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018328.D
Acq: 20 Dec 2018 10:52

Tgt Ion:112 Resp: 799899
Ion Ratio Lower Upper
112 100
64 57.9 45.4 68.2
63 31.7 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: 113.078 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018328.D

Acq: 20 Dec 2018 10:52

Instrument :

BNA_M

ClientSampleId :

OK-01-121818-A

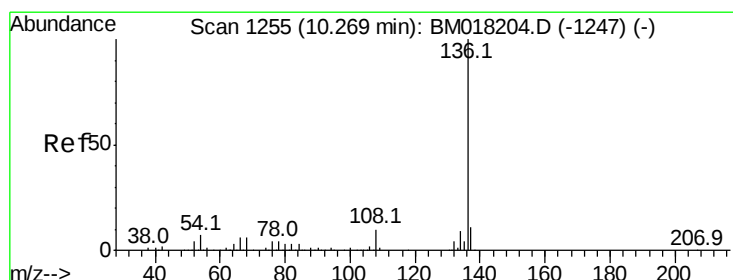
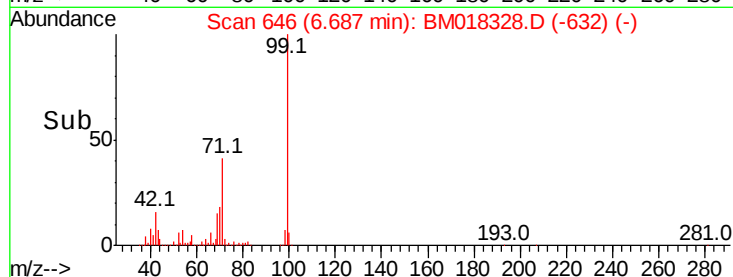
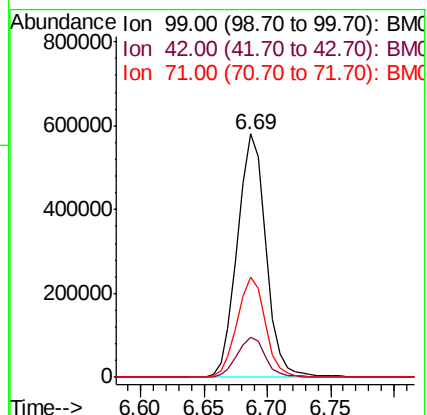
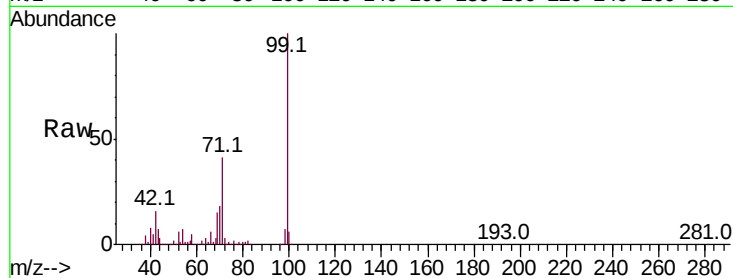
Tot Ion: 99 Resp: 910008

Ion Ratio Lower Upper

99 100

42 16.4 12.3 18.5

71 41.0 30.2 45.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018328.D

Acq: 20 Dec 2018 10:52

Tgt Ion: 136 Resp: 323165

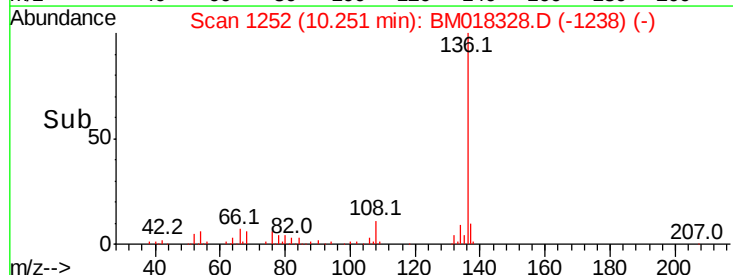
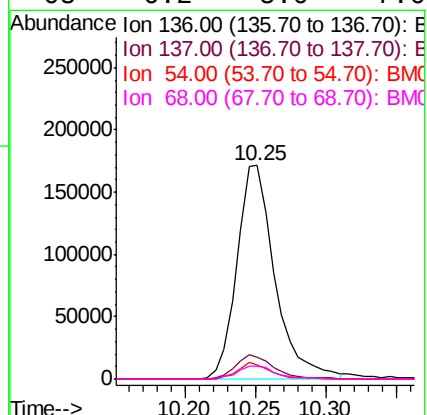
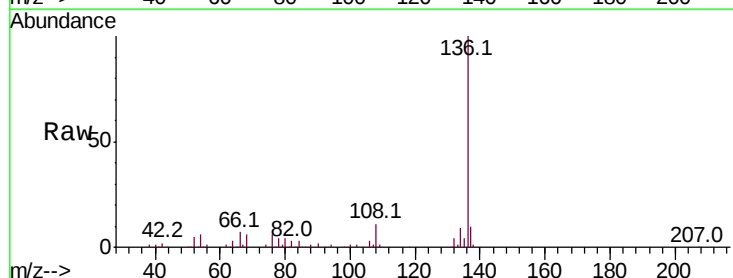
Ion Ratio Lower Upper

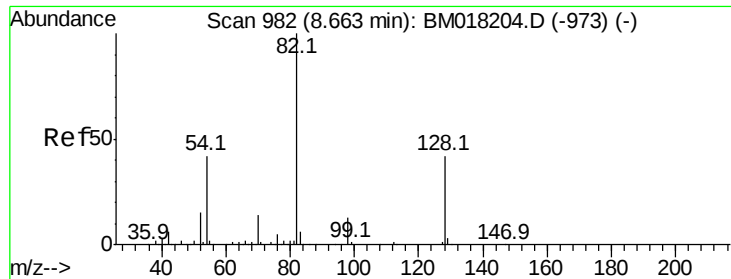
136 100

137 10.4 9.2 13.8

54 6.5 5.2 7.8

68 6.2 5.0 7.6

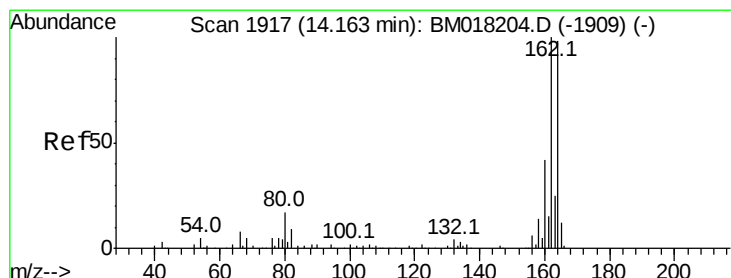
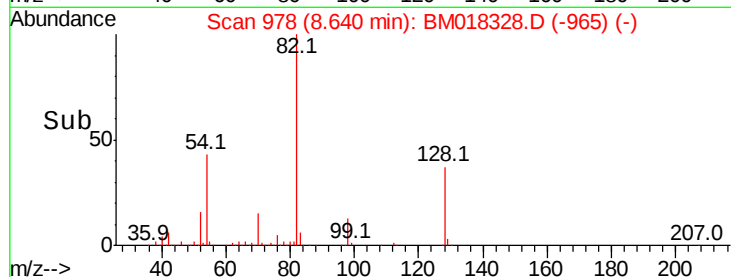
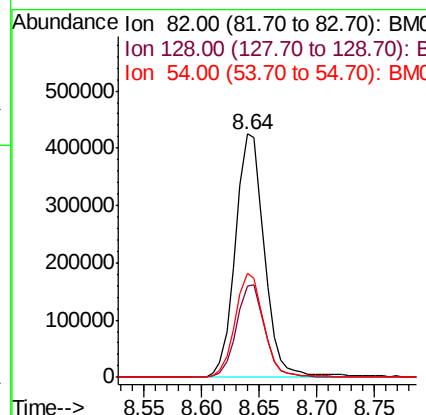
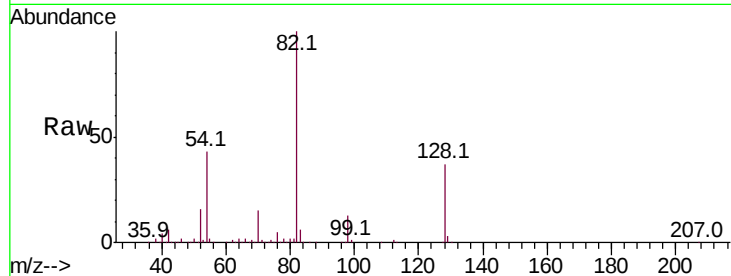




#23
 Nitrobenzene-d5
 Concen: 117.581 ng
 RT: 8.64 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: BM018328.D
 Acq: 20 Dec 2018 10:52

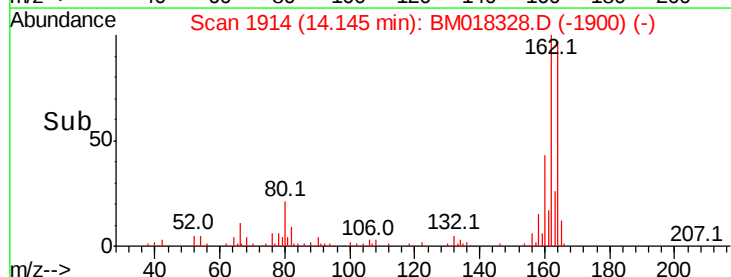
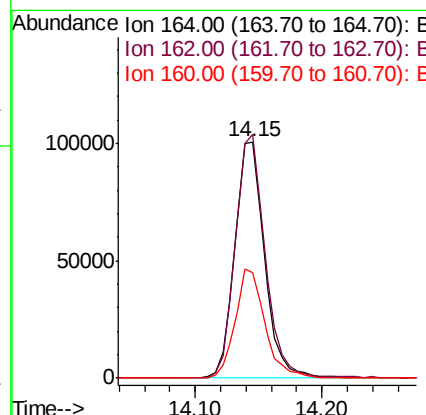
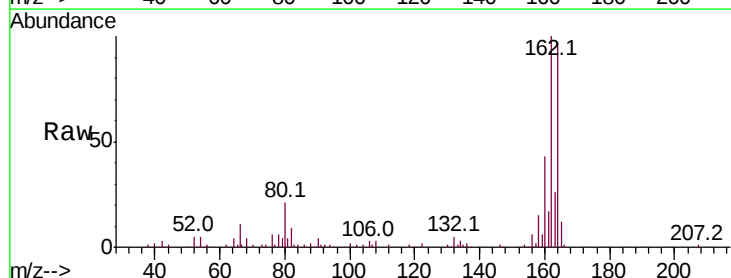
Instrument :
 BNA_M
 ClientSampleId :
 OK-01-121818-A

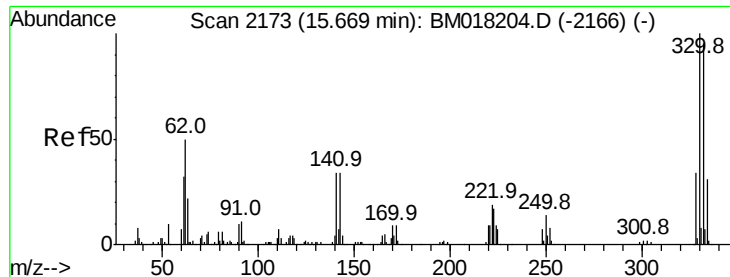
Tot Ion	82	Resp	740799
Ion Ratio	Lower	Upper	
82	100		
128	37.4	33.4	50.2
54	42.9	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018328.D
 Acq: 20 Dec 2018 10:52

Tgt Ion	164	Resp	162959
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.8	122.6
160	44.4	34.6	51.8

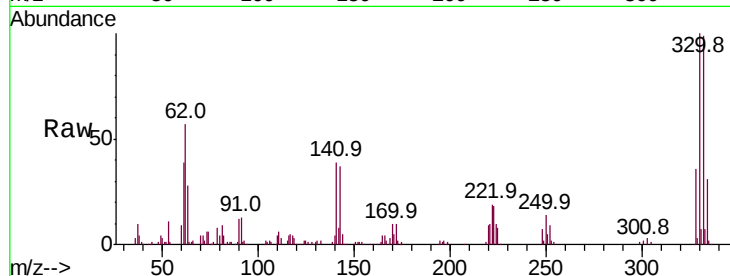




#42
 2,4,6-Tribromophenol
 Concen: 131.722 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018328.D
 Acq: 20 Dec 2018 10:52

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	118.0
141	39.4	27.1	40.7

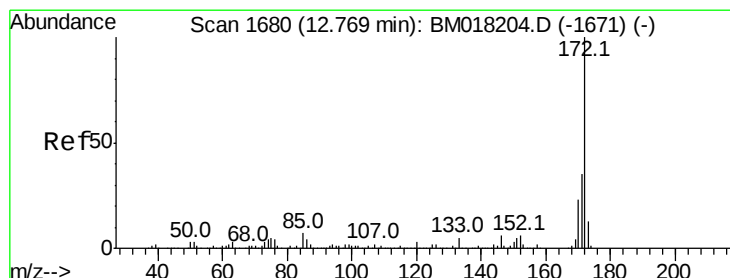
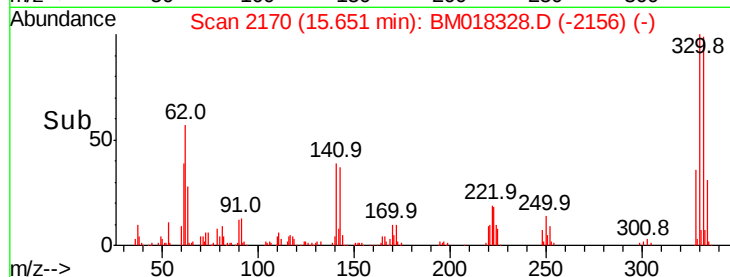
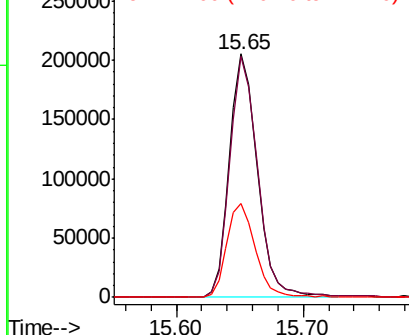


Abundance

Ion 329.80 (329.50 to 330.50): E

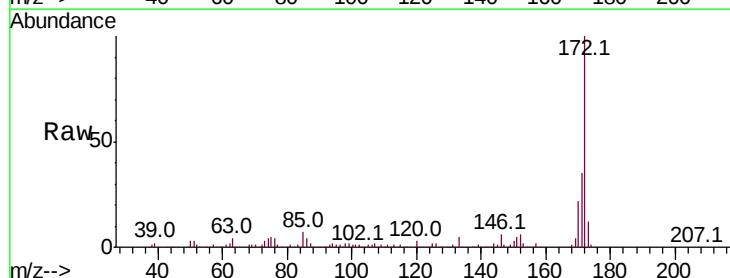
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 110.384 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018328.D
 Acq: 20 Dec 2018 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.4	18.1	27.1

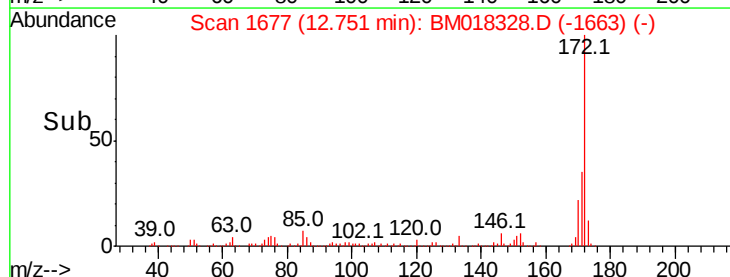
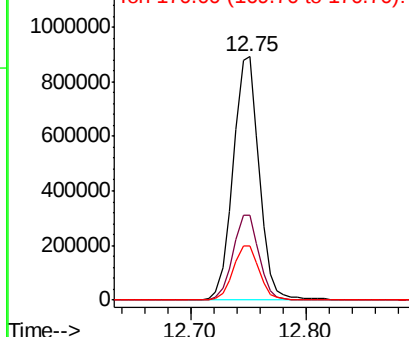


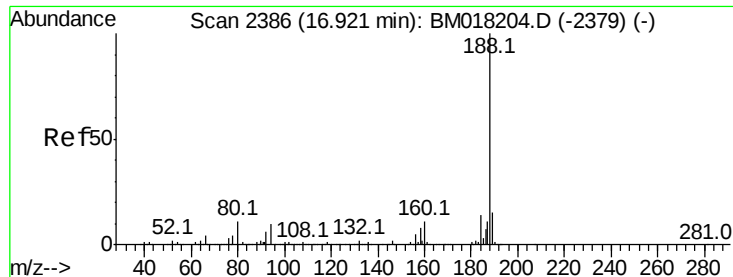
Abundance

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

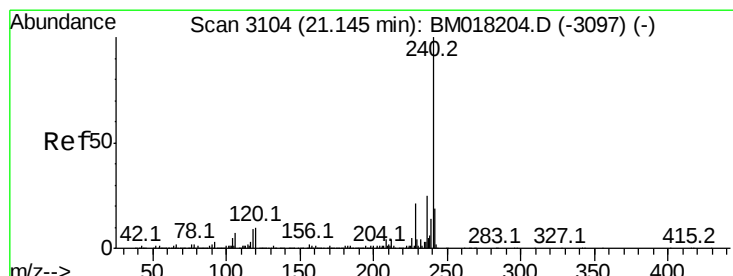
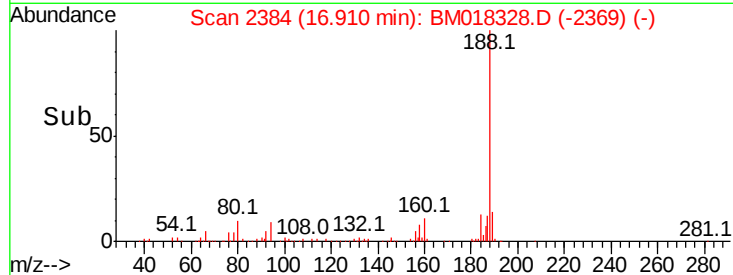
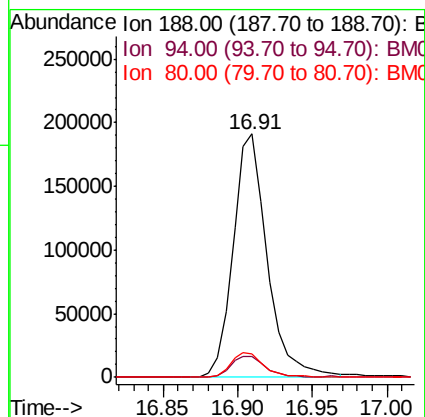
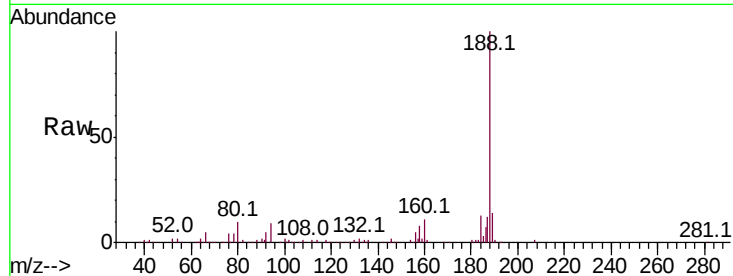




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018328.D
Acq: 20 Dec 2018 10:52

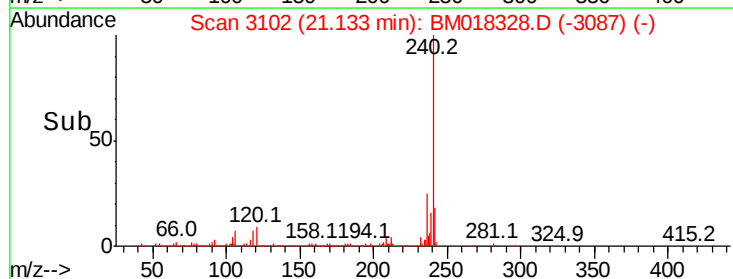
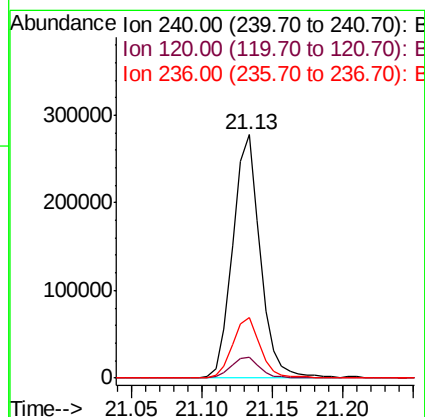
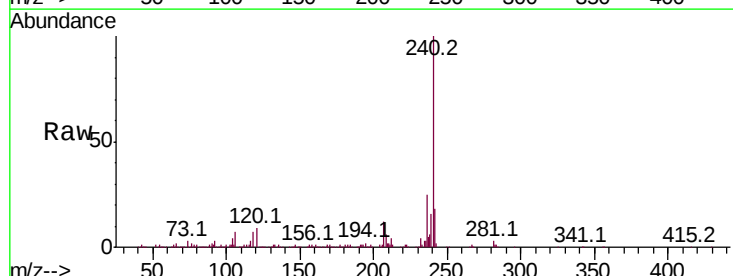
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BNA_M
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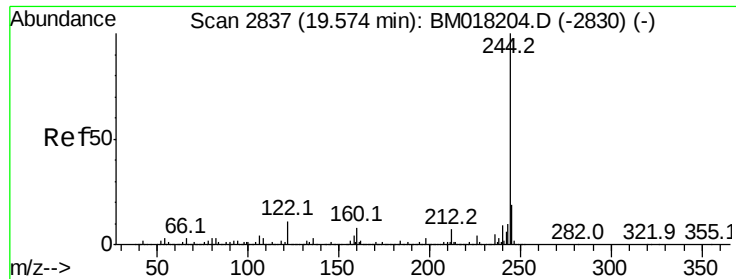
Tot Ion:188 Resp: 303971
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018328.D
Acq: 20 Dec 2018 10:52

Tgt Ion:240 Resp: 377996
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 25.1 20.3 30.5





#79

Terphenyl-d14

Concen: 105.253 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018328.D

Acq: 20 Dec 2018 10:52

Instrument :

BNA_M

ClientSampleId :

OK-01-121818-A

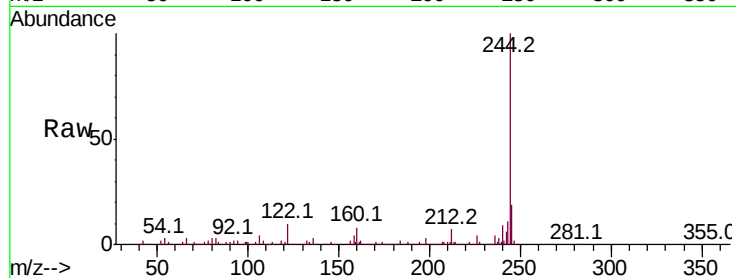
Tot Ion:244 Resp: 1759125

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

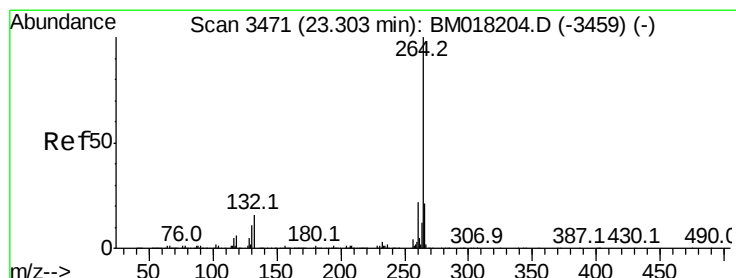
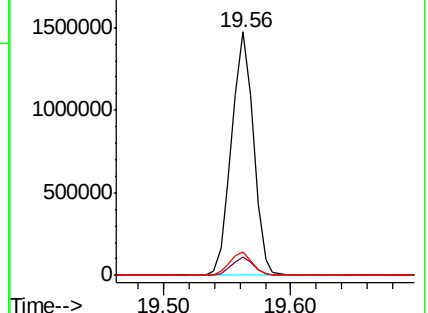
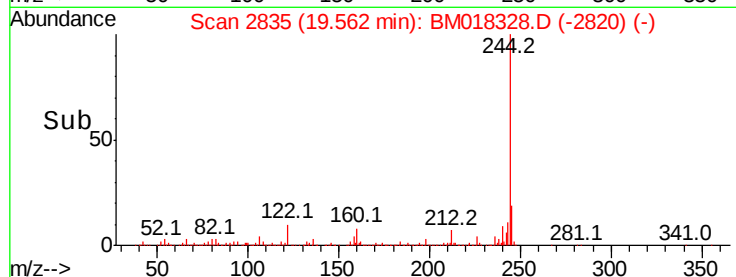
122 9.7 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: BM018328.D

Acq: 20 Dec 2018 10:52

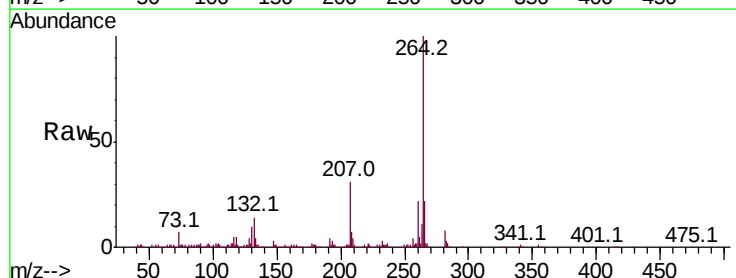
Tgt Ion:264 Resp: 427171

Ion Ratio Lower Upper

264 100

260 21.9 17.5 26.3

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

300000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

