

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016510.D
 Acq On : 22 Aug 2018 08:35
 Operator : SJ/JU
 Sample : J4271-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 11:32:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

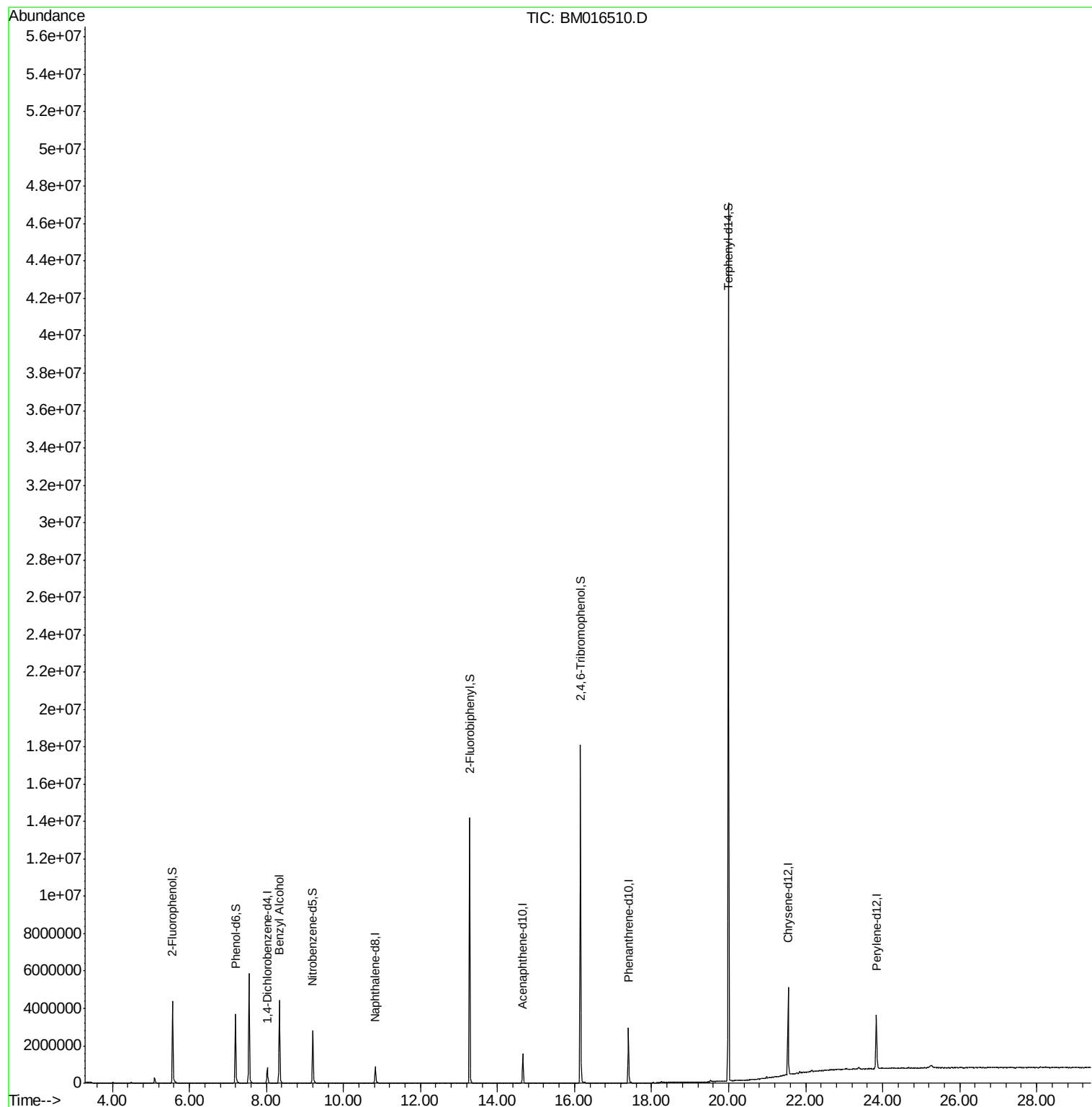
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	202414	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	614986	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	497231	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1723650	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2226356	20.00	ng	0.00
86) Perylene-d12	23.83	264	2172569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1459065	141.25	ng	0.00
7) Phenol-d6	7.20	99	1548395	113.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	1574133	116.87	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	3491869	251.22	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	6541067	126.45	ng	0.00
78) Terphenyl-d14	19.99	244	13423877	127.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	33298	2.623	ng	Qvalue # 28

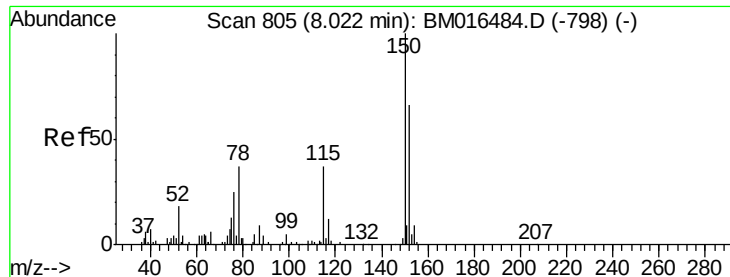
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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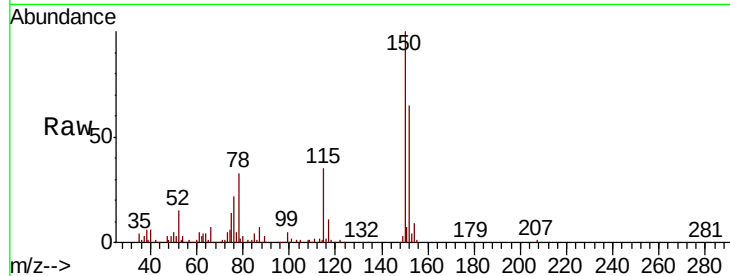


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	202414
Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	54.3	43.0	64.4

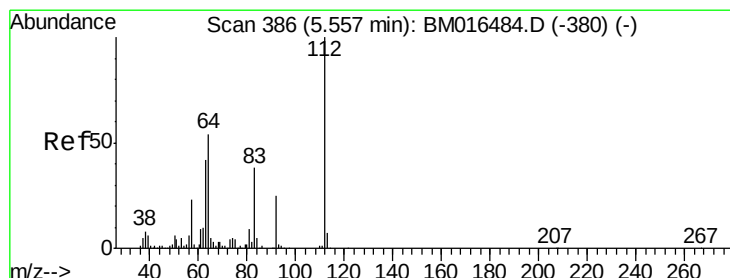
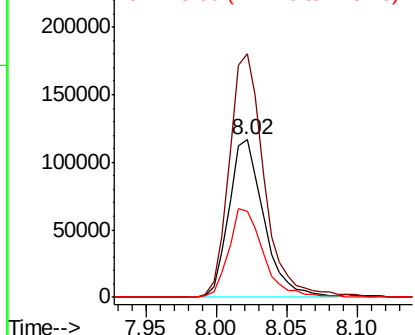
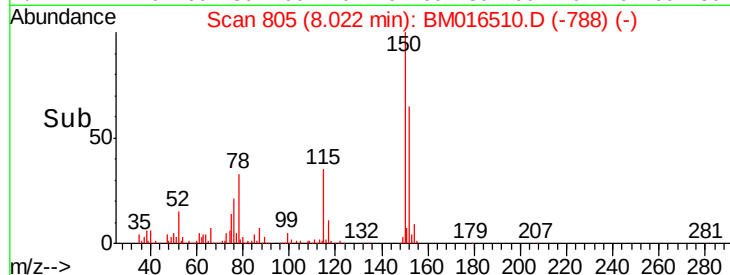


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

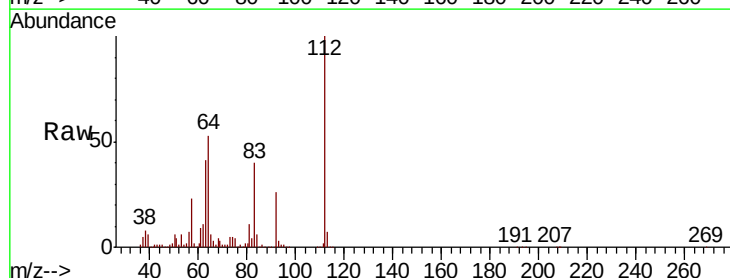
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

Tgt Ion	112	Resp	1459065
Ion	Ratio	Lower	Upper
112	100		
64	52.6	38.6	57.8
63	41.4	19.3	28.9

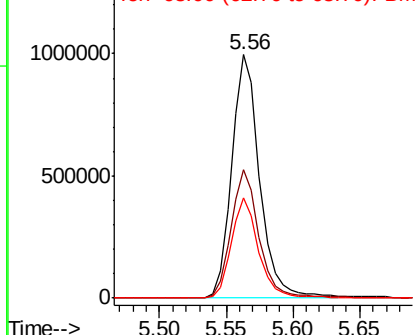
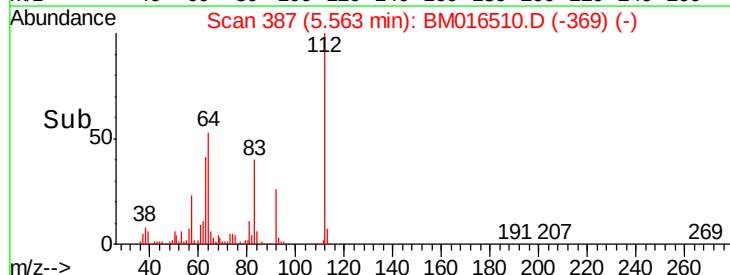


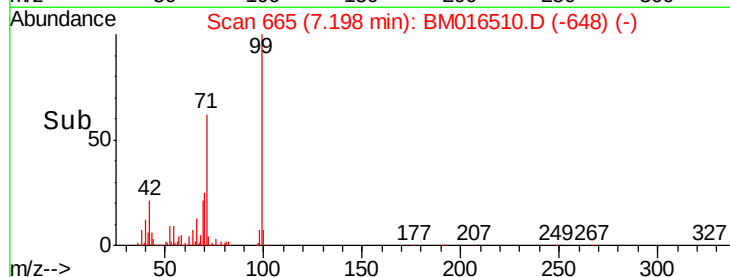
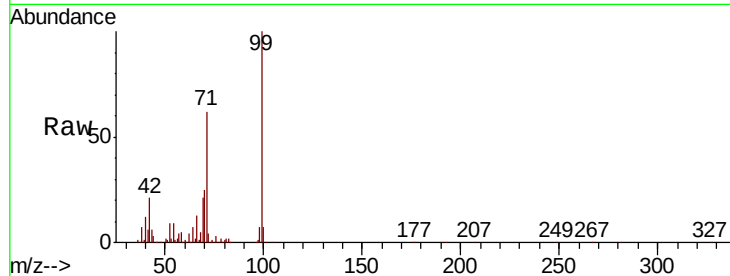
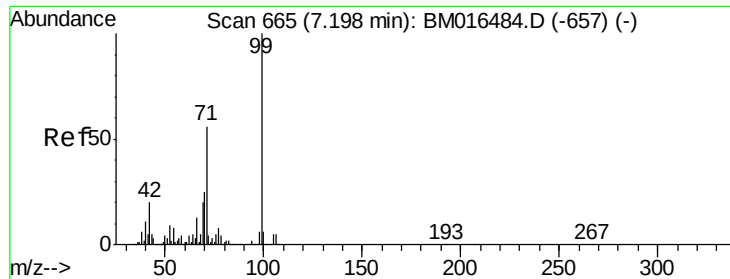
Abundance

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: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM016510.D

Acq: 22 Aug 2018 08:35

Instrument :

BNA_M

ClientSampled :

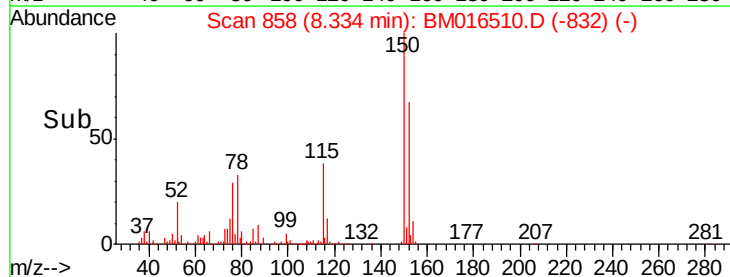
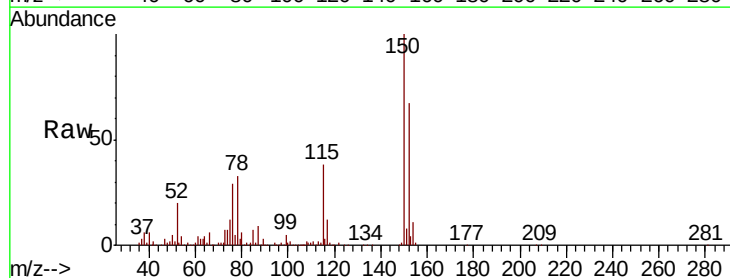
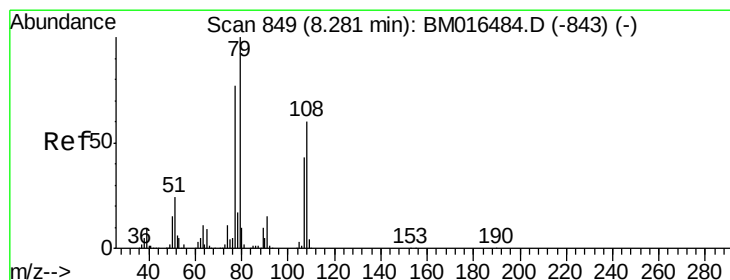
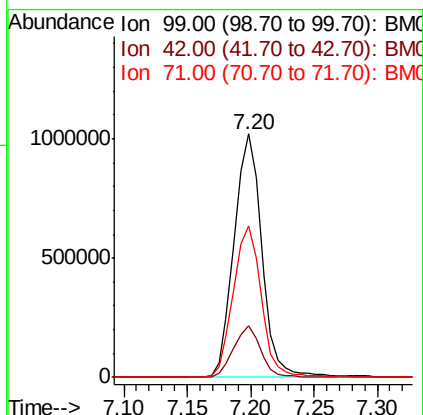
Tot Ion: 99 Resp: 1548395

Ion Ratio Lower Upper

99 100

42 21.0 11.0 16.4#

71 62.0 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.623 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016510.D

Acq: 22 Aug 2018 08:35

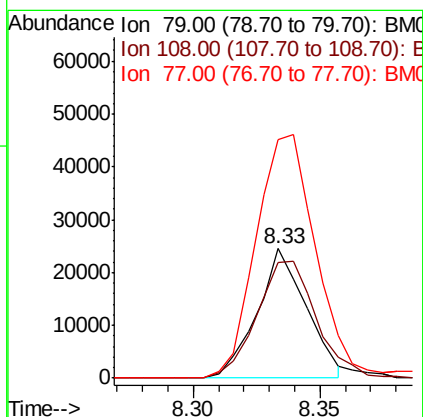
Tgt Ion: 79 Resp: 33298

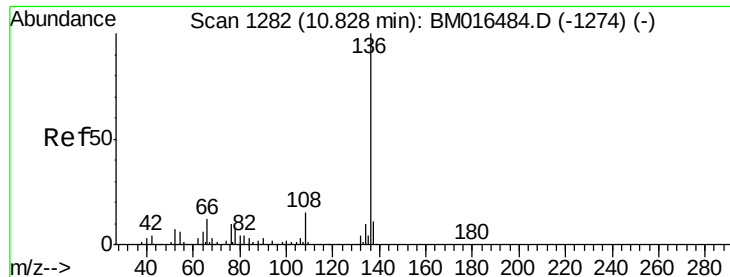
Ion Ratio Lower Upper

79 100

108 89.3 65.0 97.4

77 184.7 53.0 79.6#

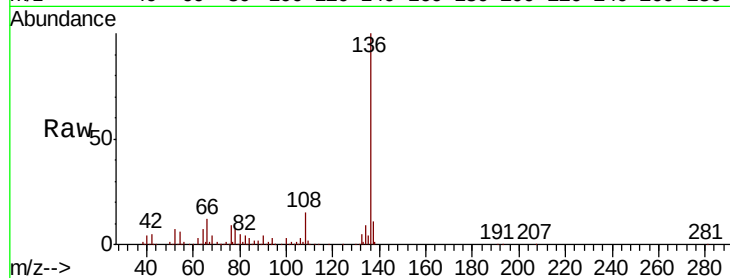




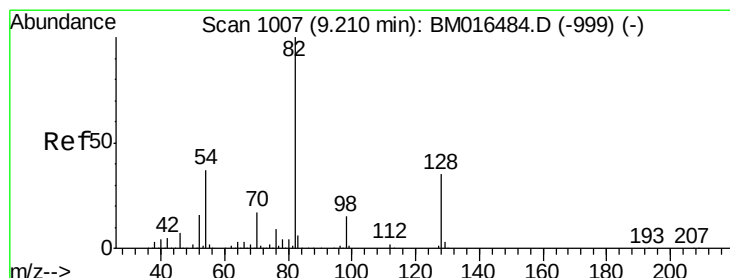
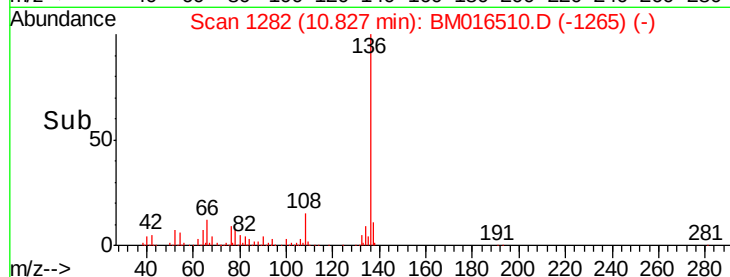
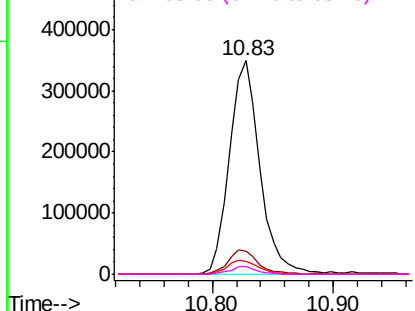
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp: 614986
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 5.9	4.6 6.8
68 3.8	3.7 5.5

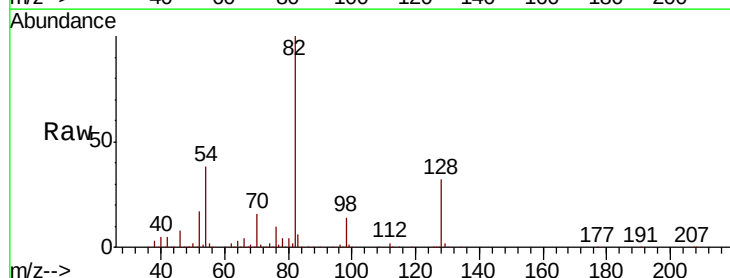


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

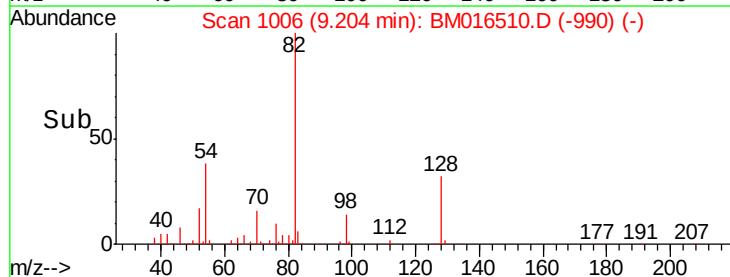
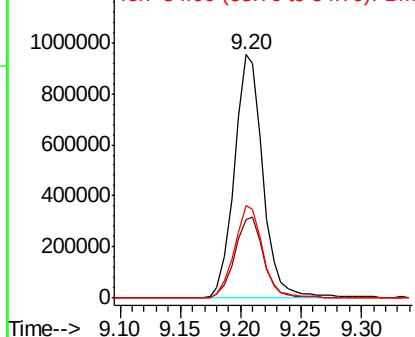


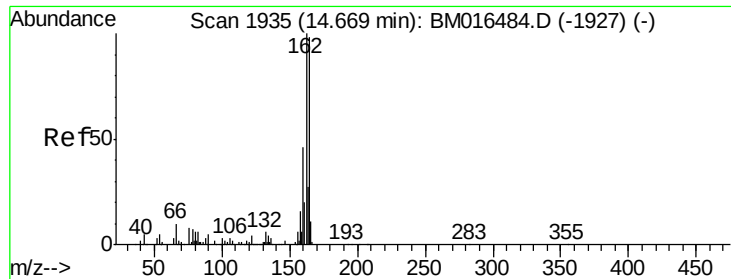
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

Tgt	Ion: 82	Resp: 1574133	
Ion	Ratio	Lower	Upper
82	100		
128	32.2	32.8	49.2#
54	38.0	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016510.D

Acq: 22 Aug 2018 08:35

Instrument :

BNA_M

ClientSampleId :

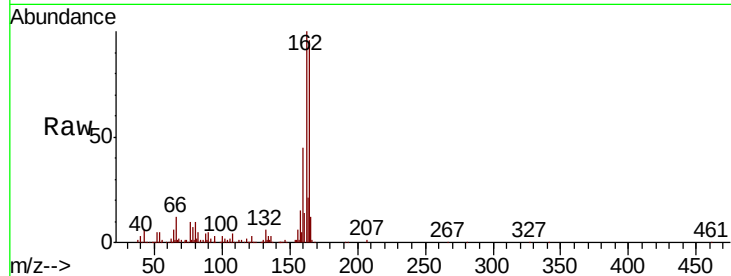
Tot Ion:164 Resp: 497231

Ion Ratio Lower Upper

164 100

162 104.5 82.4 123.6

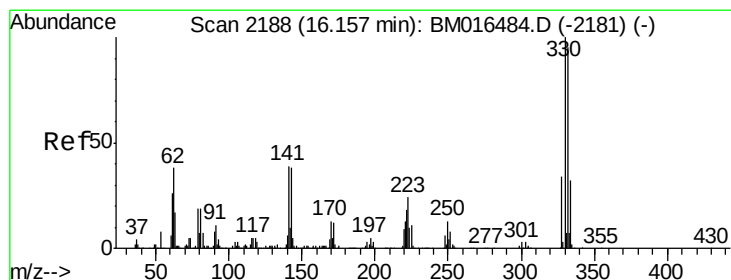
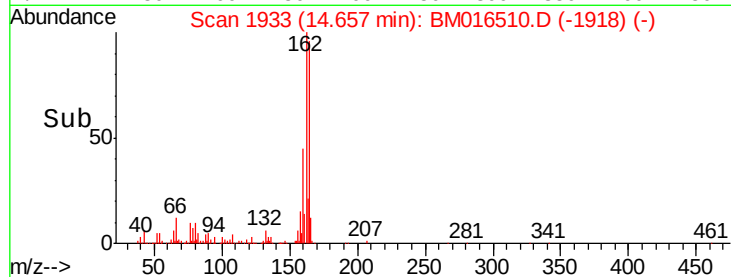
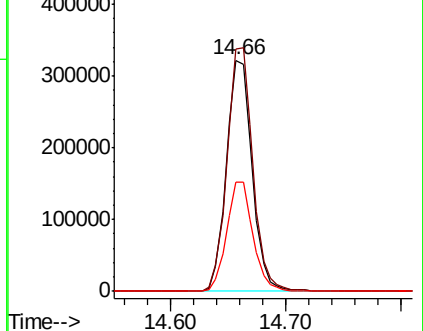
160 47.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016510.D

Acq: 22 Aug 2018 08:35

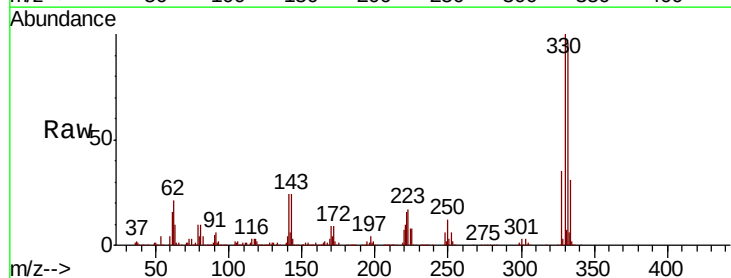
Tgt Ion:330 Resp: 3491869

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

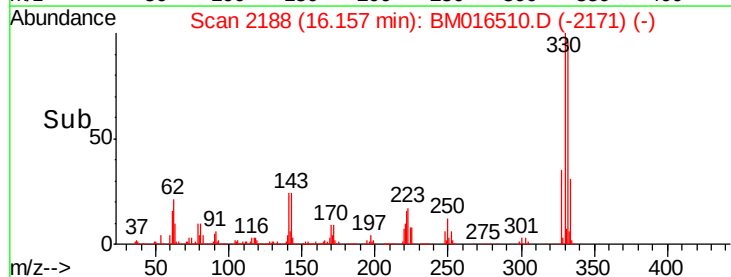
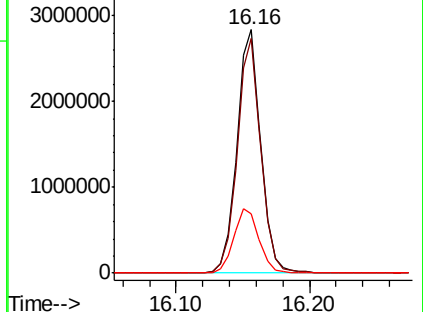
141 28.4 0.0 0.0#

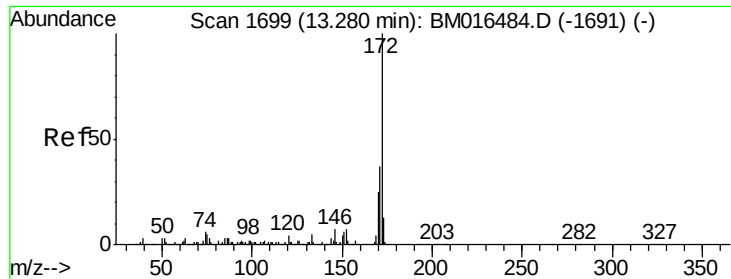


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

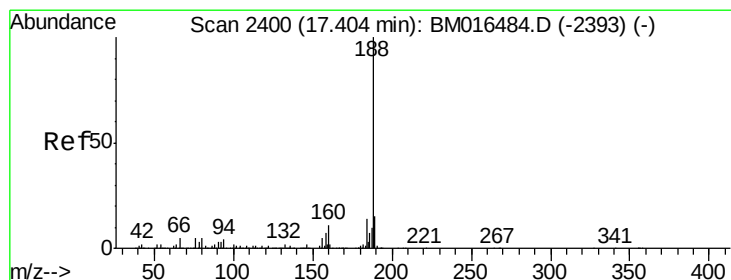
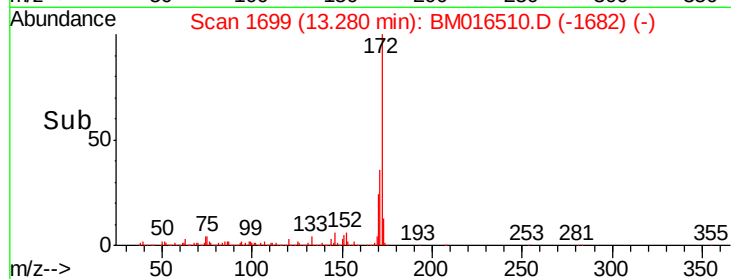
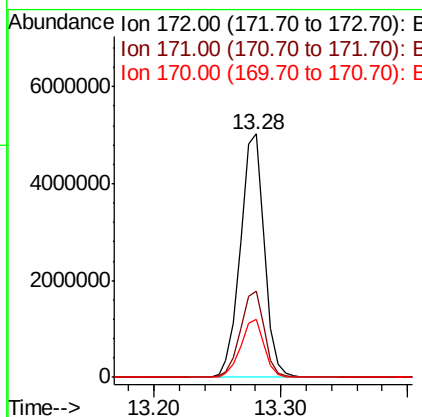
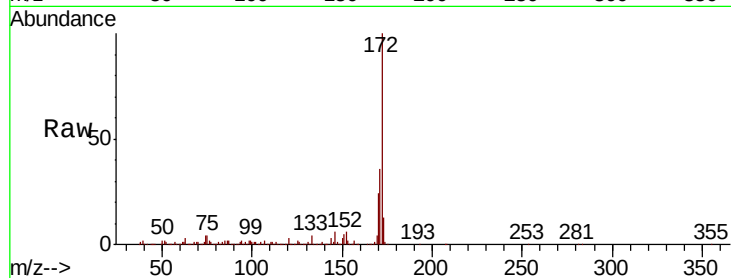




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

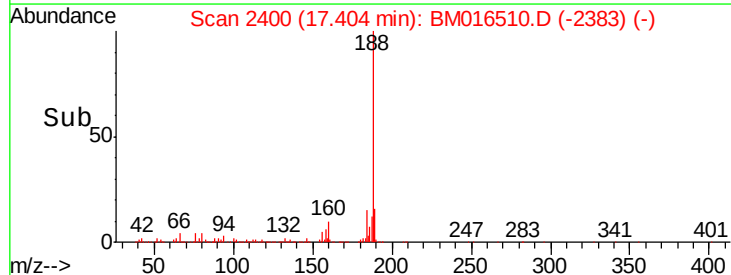
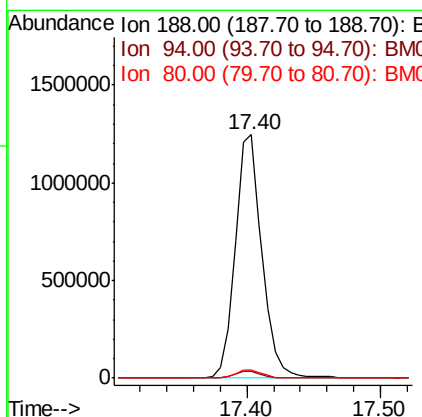
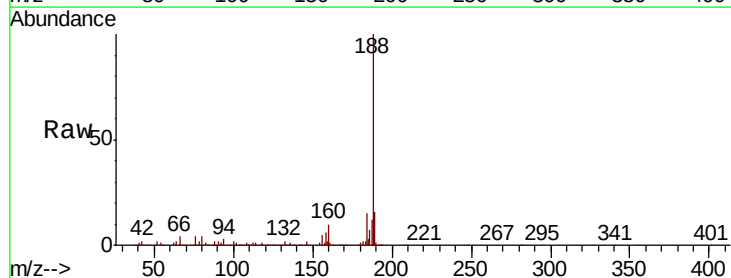
Instrument :
BNA_M
ClientSampleId :

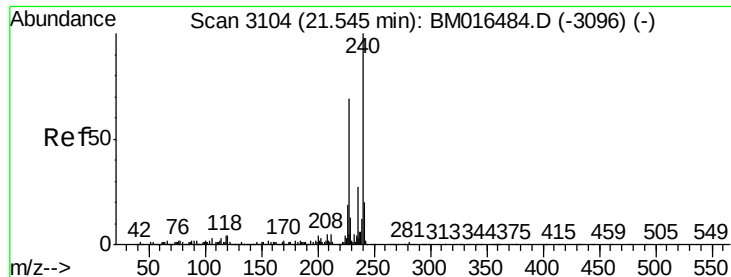
Tot Ion:172 Resp: 6541067
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

Tgt Ion:188 Resp: 1723650
Ion Ratio Lower Upper
188 100
94 2.6 8.7 13.1#
80 3.5 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016510.D

Acq: 22 Aug 2018 08:35

Instrument :

BNA_M

ClientSampleId :

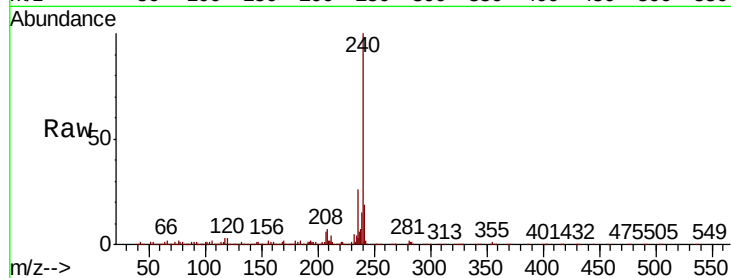
Tot Ion:240 Resp: 2226356

Ion Ratio Lower Upper

240 100

120 2.6 8.2 12.2#

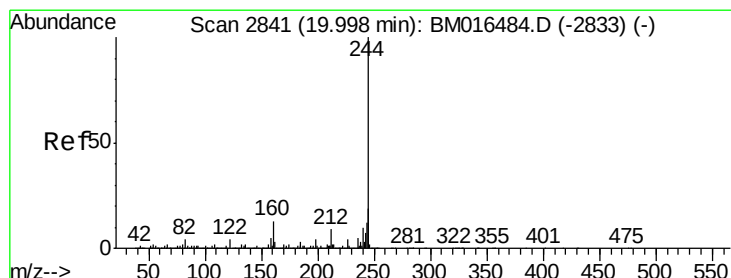
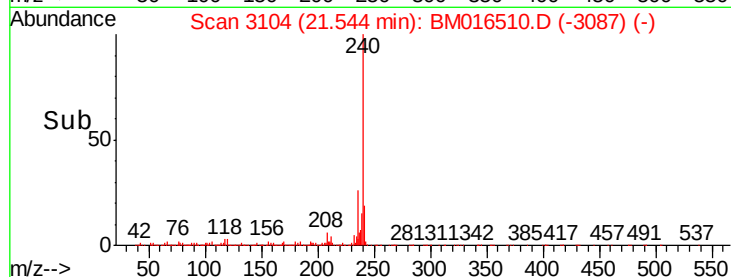
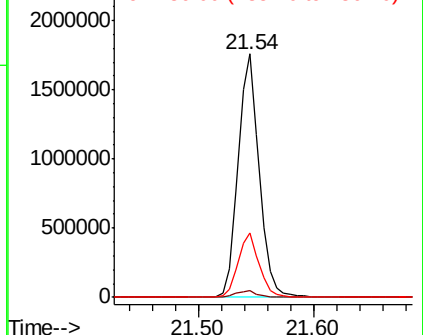
236 26.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016510.D

Acq: 22 Aug 2018 08:35

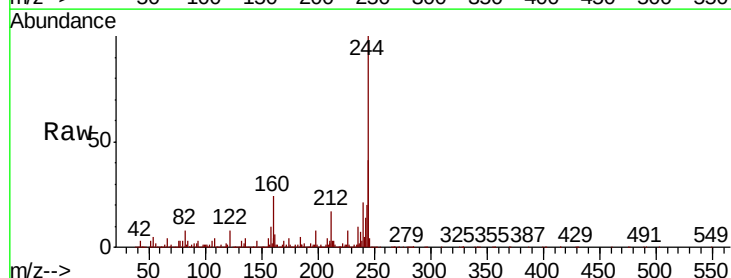
Tgt Ion:244 Resp:13423877

Ion Ratio Lower Upper

244 100

212 17.0 4.9 7.3#

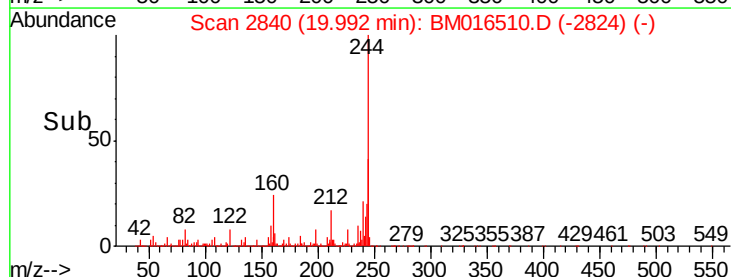
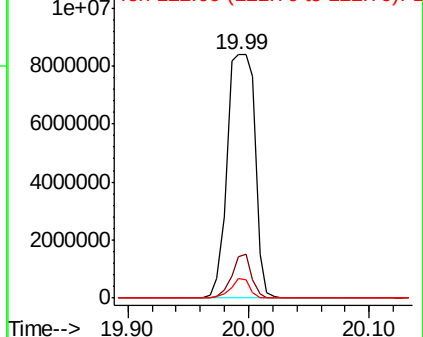
122 7.9 6.2 9.4

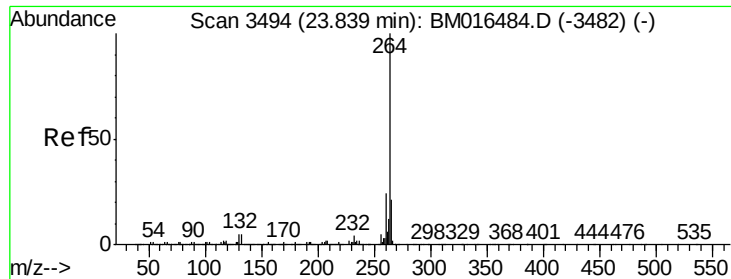


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016510.D
Acq: 22 Aug 2018 08:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 2172569

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.4	17.3	25.9

