

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016592.D
 Acq On : 24 Aug 2018 17:27
 Operator : SJ/JU
 Sample : PB112017BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BL

Quant Time: Aug 24 21:57:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	125729	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	401672	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	289821	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	928802	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1113996	20.00	ng	0.00
86) Perylene-d12	23.81	264	1261189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	641032	99.91	ng	0.00
7) Phenol-d6	7.18	99	779246	91.78	ng	0.00
23) Nitrobenzene-d5	9.19	82	653358	74.27	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	869934	107.38	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2228139	73.90	ng	0.00
78) Terphenyl-d14	19.98	244	5319109	101.06	ng	0.00

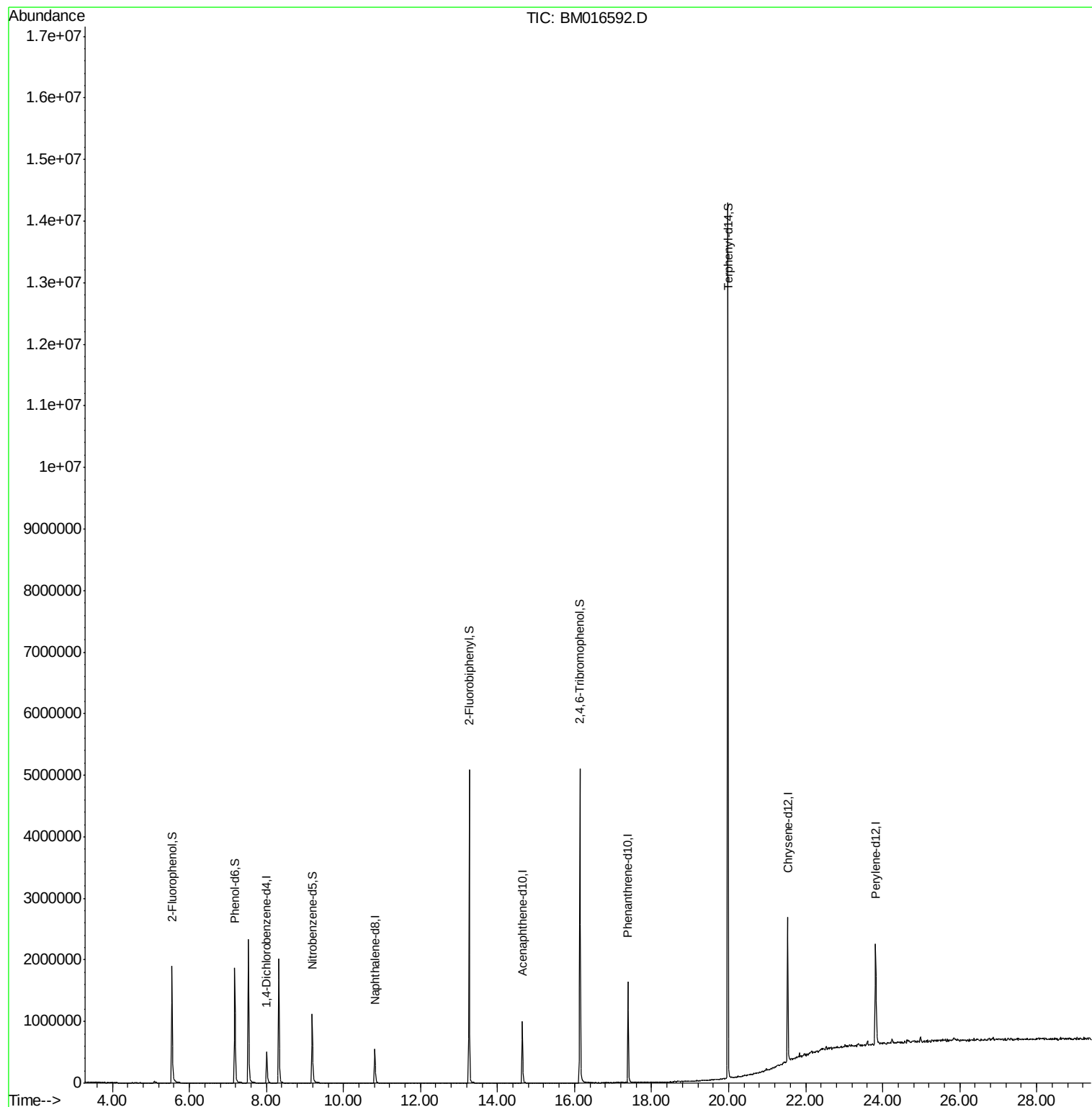
Target Compounds Qvalue

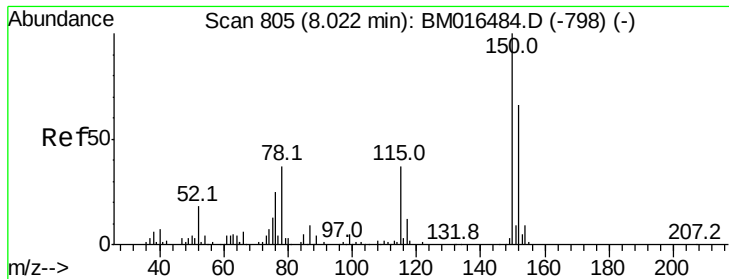
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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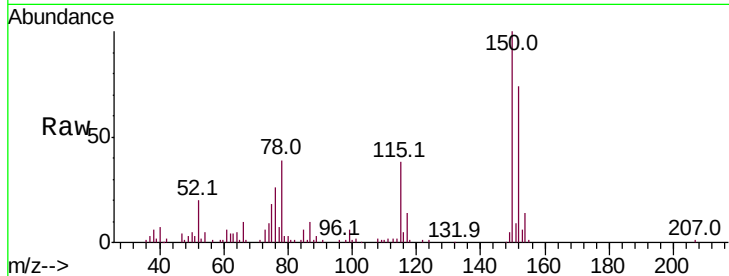


#1

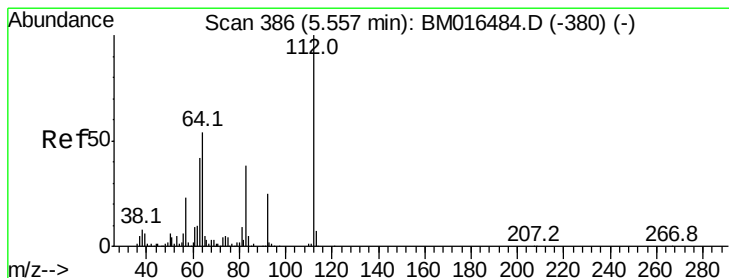
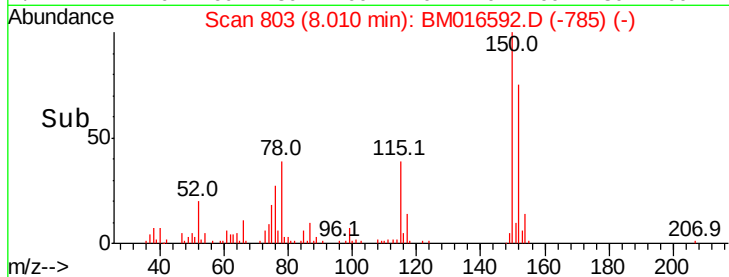
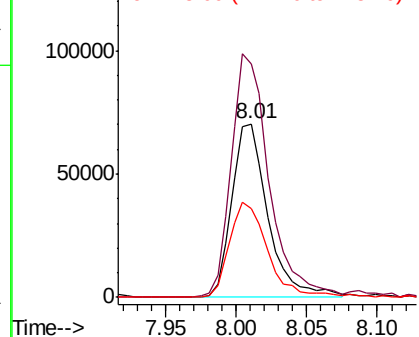
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.4	119.5	179.3
115	51.2	43.0	64.4



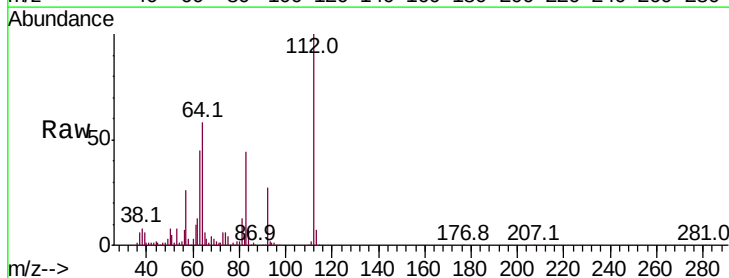
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



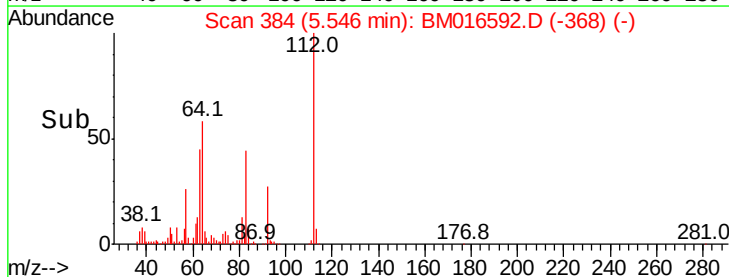
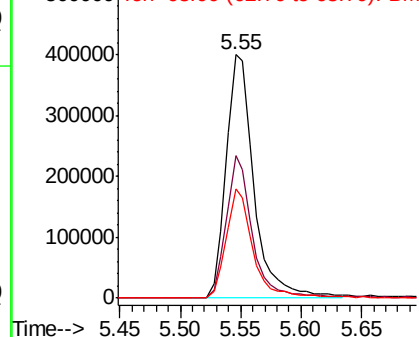
#5

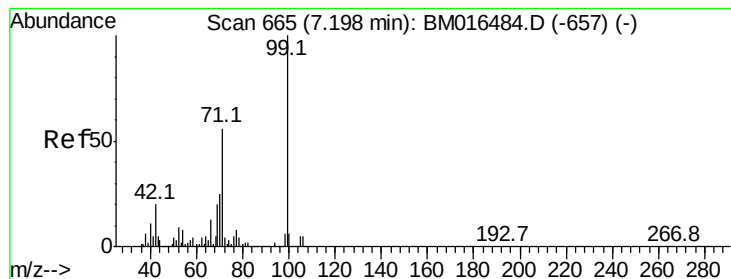
2-Fluorophenol
Concen: 99.910 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	38.6	57.8#
63	44.8	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: 91.781 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016592.D

Acq: 24 Aug 2018 17:27

Instrument :

BNA_M

ClientSampleId :

PB112017BL

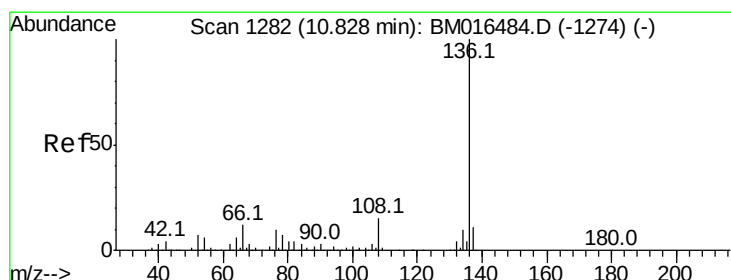
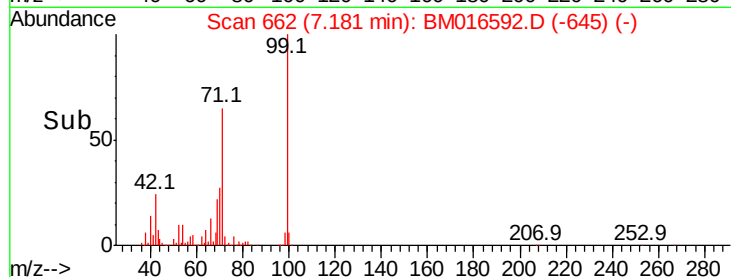
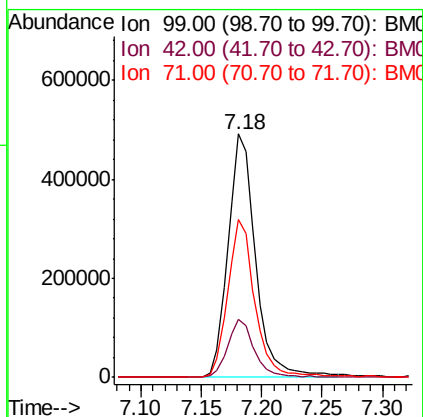
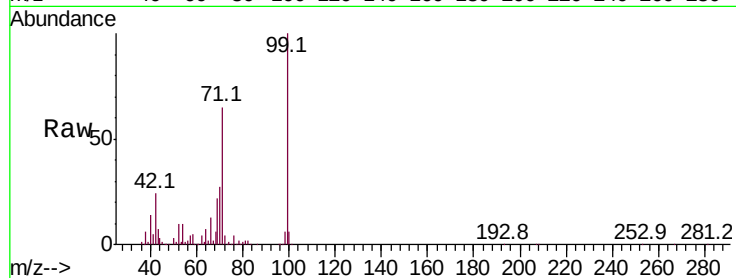
Tot Ion: 99 Resp: 779246

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

71 64.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016592.D

Acq: 24 Aug 2018 17:27

Tgt Ion: 136 Resp: 401672

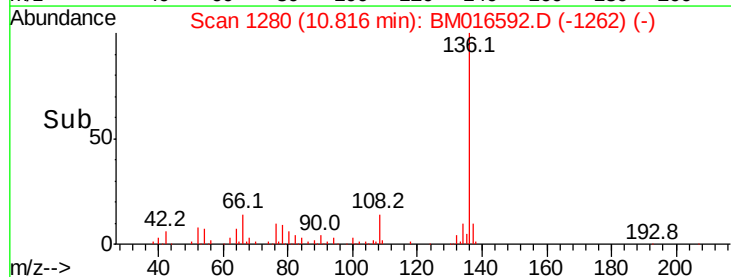
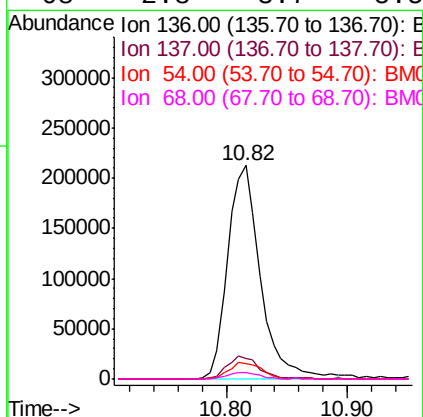
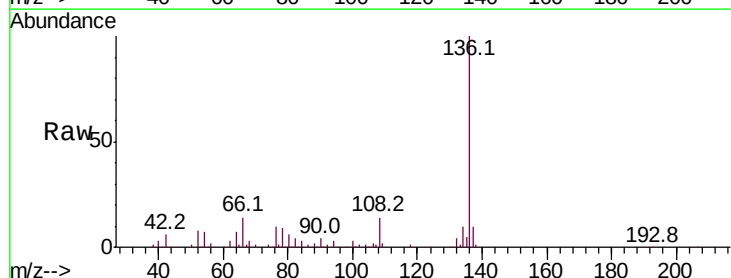
Ion Ratio Lower Upper

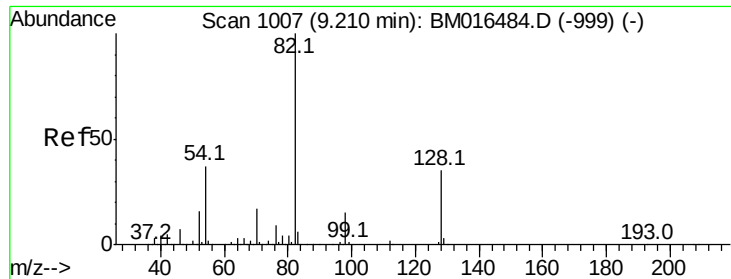
136 100

137 9.6 8.7 13.1

54 7.2 4.6 6.8#

68 2.8 3.7 5.5#

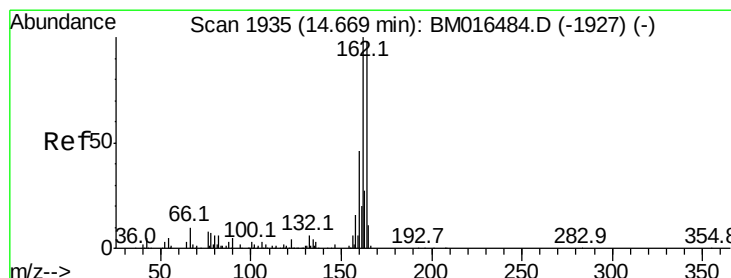
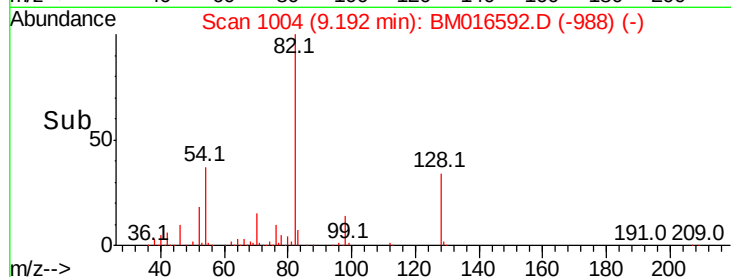
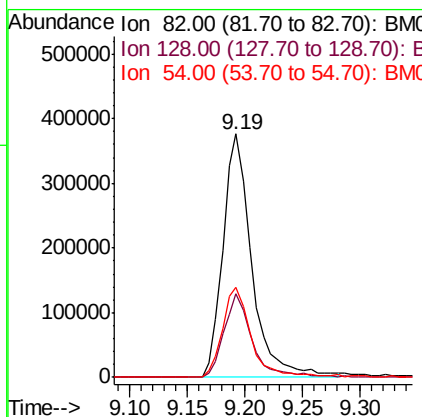
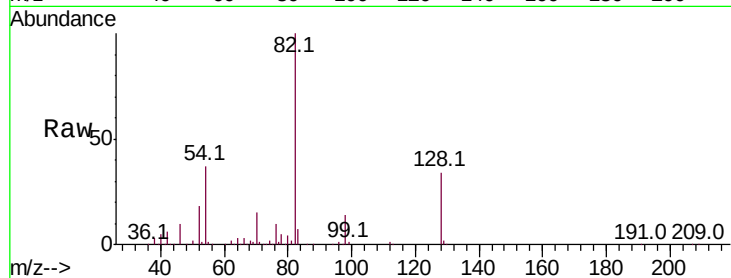




#23
Nitrobenzene-d5
Concen: 74.269 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

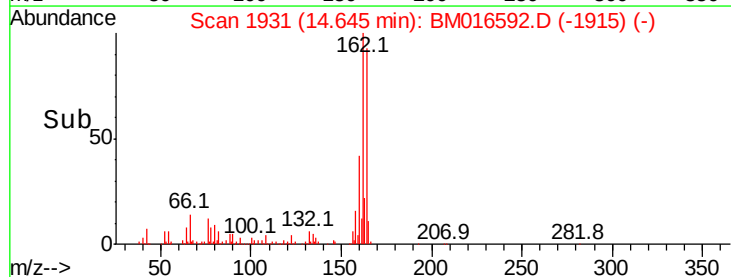
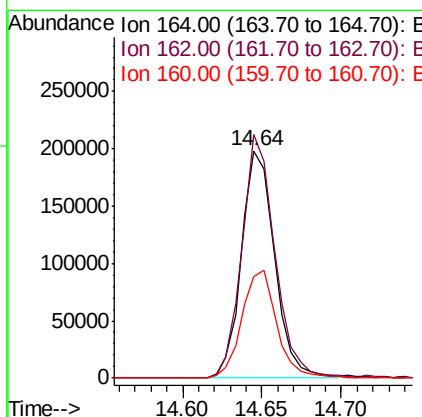
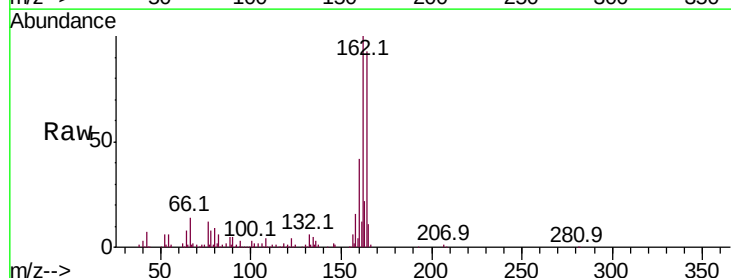
Instrument :
BNA_M
ClientSampleId :
PB112017BL

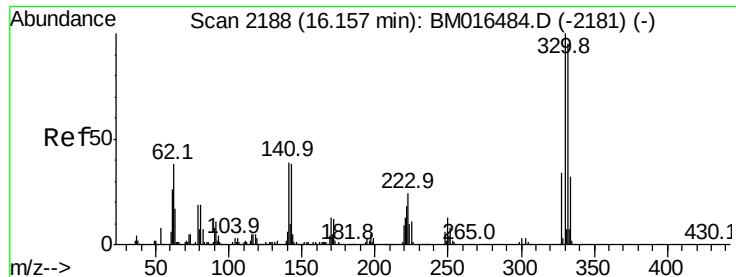
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	32.8	49.2
54	37.2	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	44.9	35.8	53.6

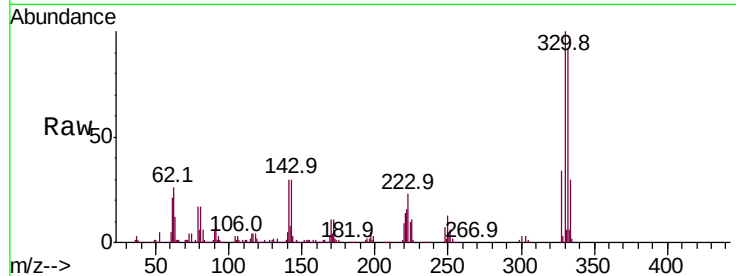




#41
2,4,6-Tribromophenol
Concen: 107.376 ng
RT: 16.14 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	35.3	0.0	0.0#

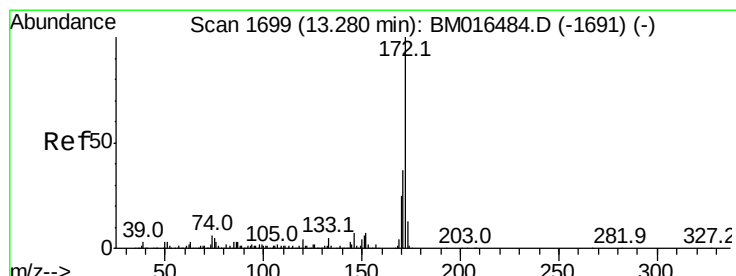
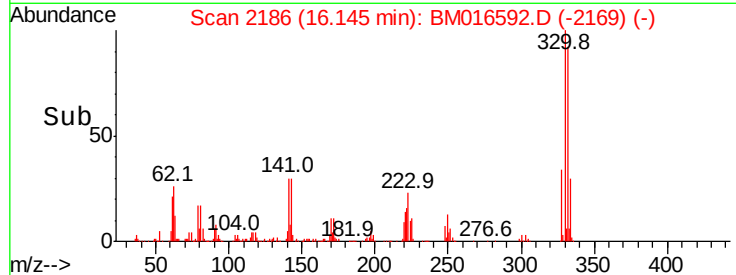
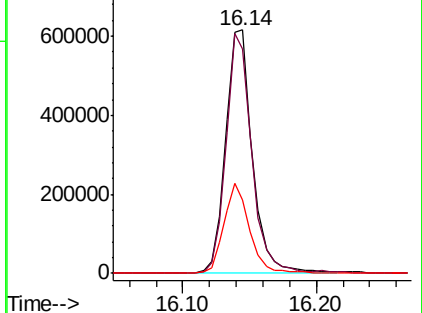


Abundance

Ion 329.80 (329.50 to 330.50): E

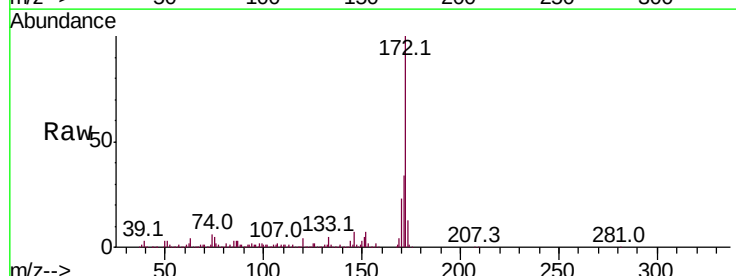
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 73.899 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.5	18.8	28.2

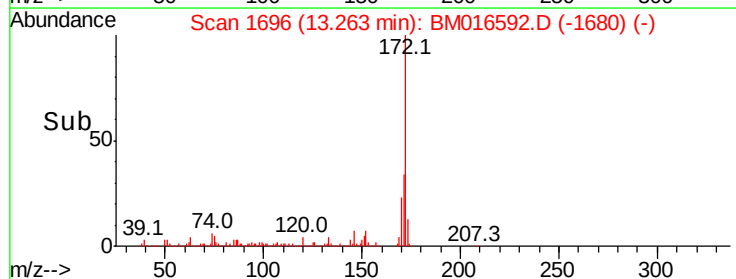
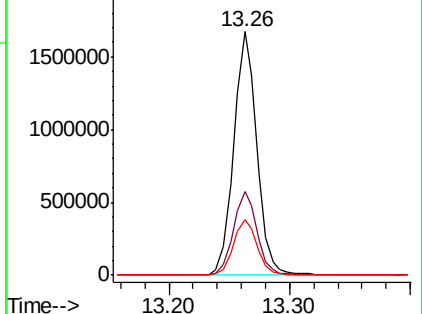


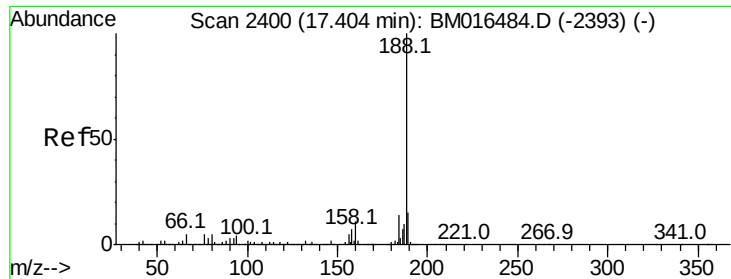
Abundance

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

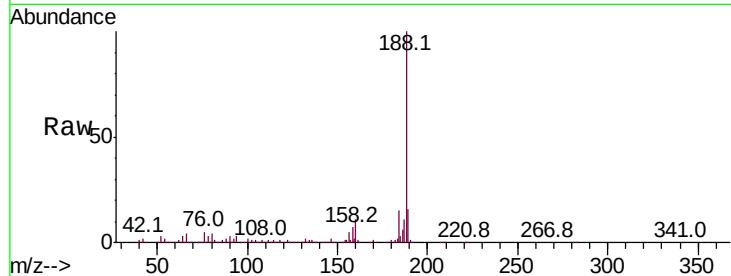




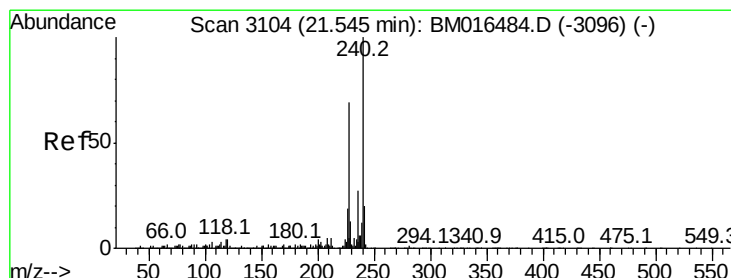
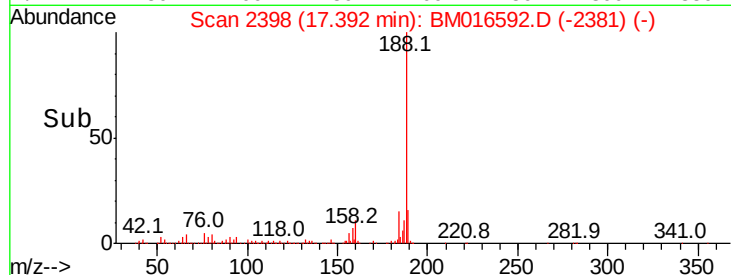
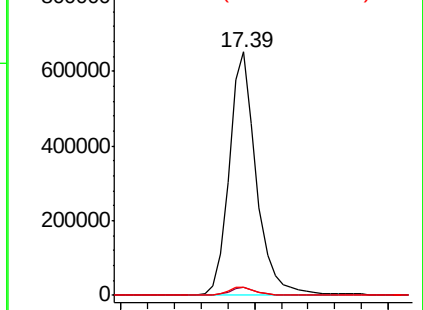
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tot Ion:188 Resp: 928802
Ion Ratio Lower Upper
188 100
94 3.2 8.7 13.1#
80 3.6 9.3 13.9#

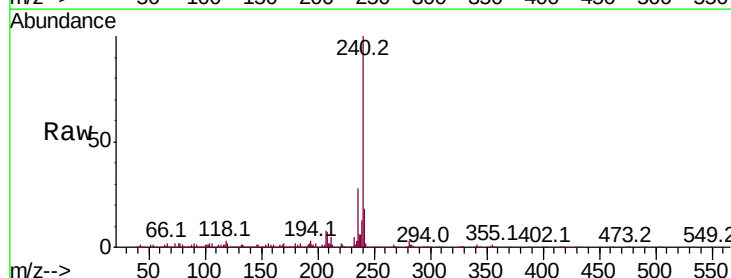


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

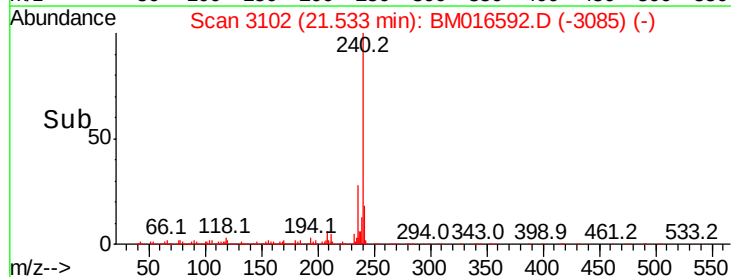
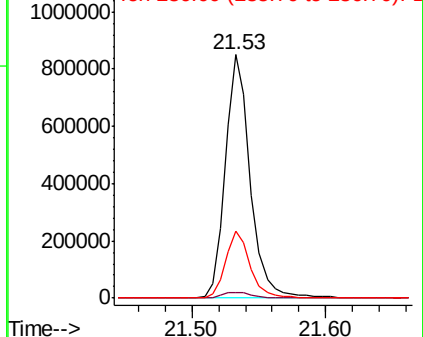


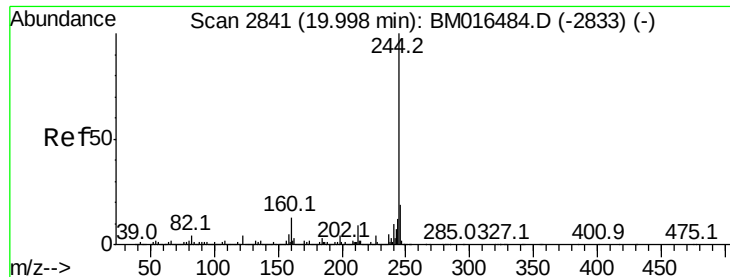
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016592.D
Acq: 24 Aug 2018 17:27

Tgt Ion:240 Resp: 1113996
Ion Ratio Lower Upper
240 100
120 2.3 8.2 12.2#
236 27.6 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: 101.062 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016592.D

Acq: 24 Aug 2018 17:27

Instrument :

BNA_M

ClientSampleId :

PB112017BL

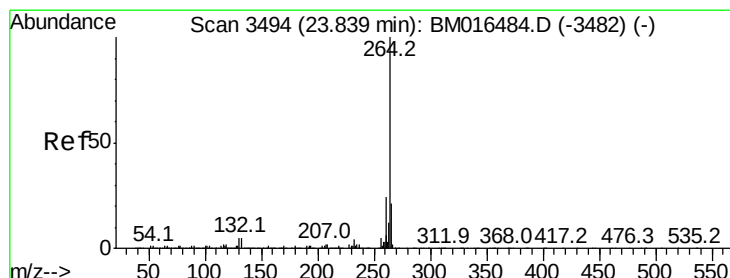
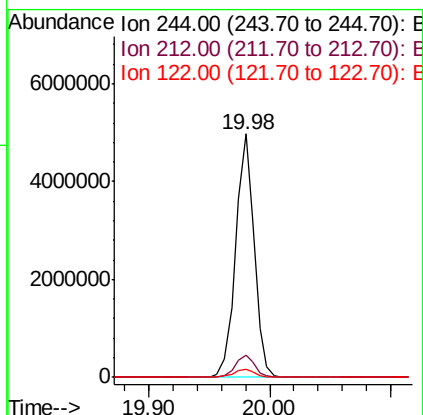
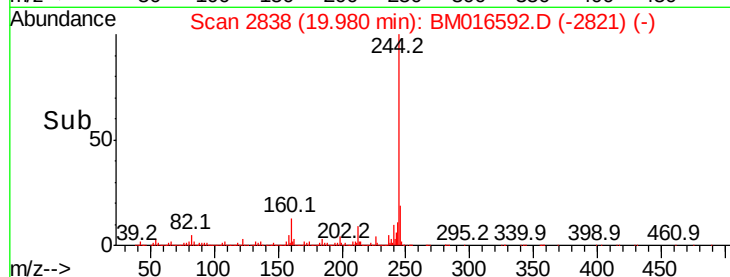
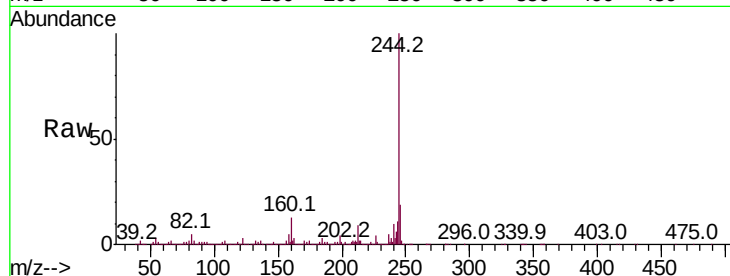
Tot Ion:244 Resp: 5319109

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

122 3.2 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM016592.D

Acq: 24 Aug 2018 17:27

Tgt Ion:264 Resp: 1261189

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 23.0 17.3 25.9

