

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016549.D
 Acq On : 23 Aug 2018 10:52
 Operator : SJ/JU
 Sample : PB112169TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 11:32:04 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	110488	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	361403	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	263723	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	883248	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1124641	20.00	ng	0.00
86) Perylene-d12	23.82	264	1286218	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	581118	103.07	ng	0.00
7) Phenol-d6	7.19	99	731743	98.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	592434	74.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	866263	117.50	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2062040	75.16	ng	-0.01
78) Terphenyl-d14	19.99	244	5207395	98.00	ng	-0.01

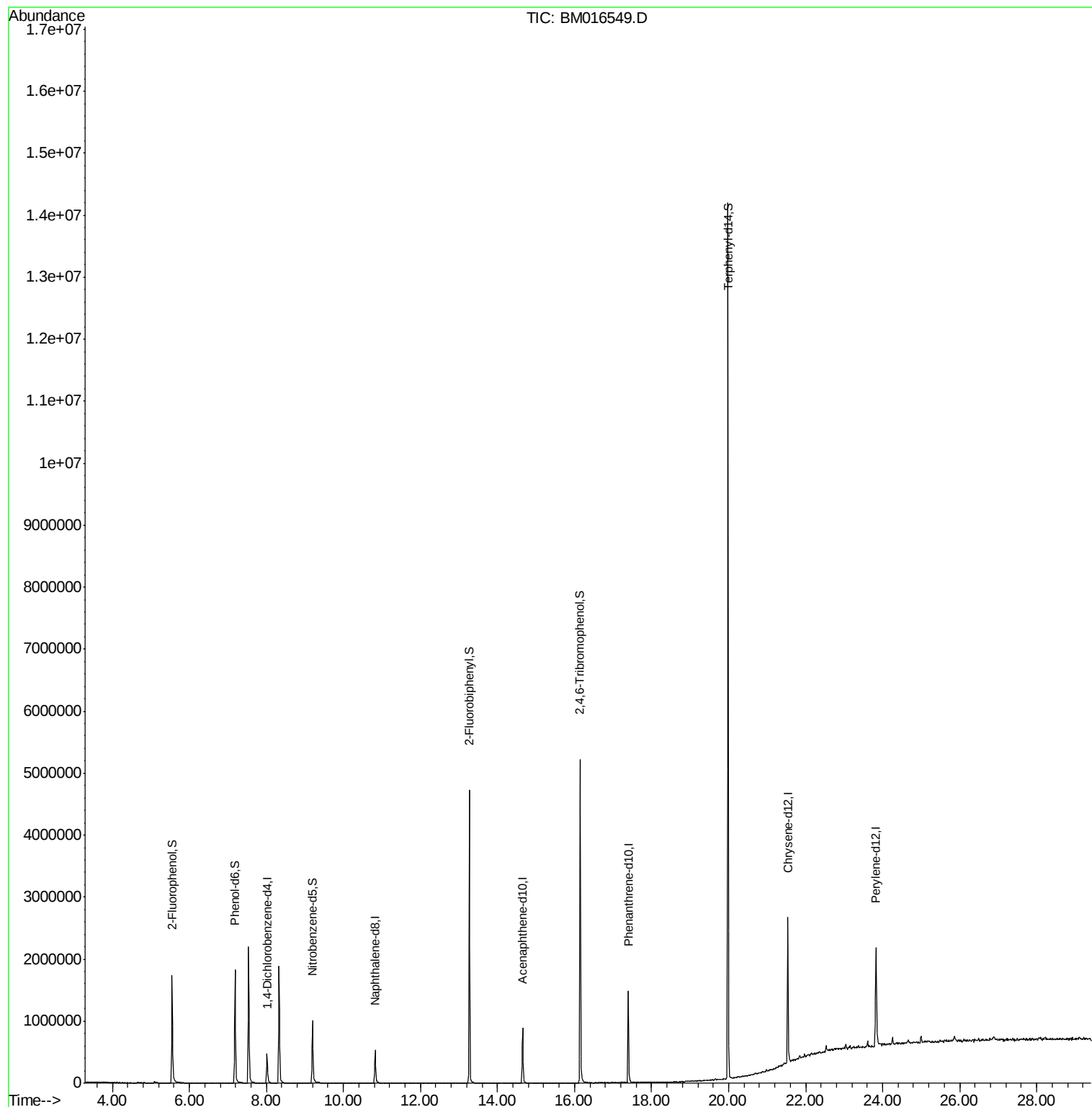
Target Compounds Qvalue

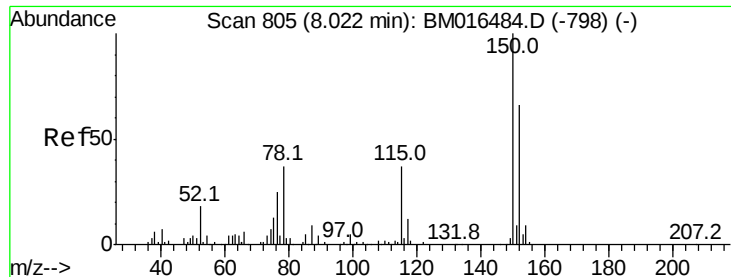
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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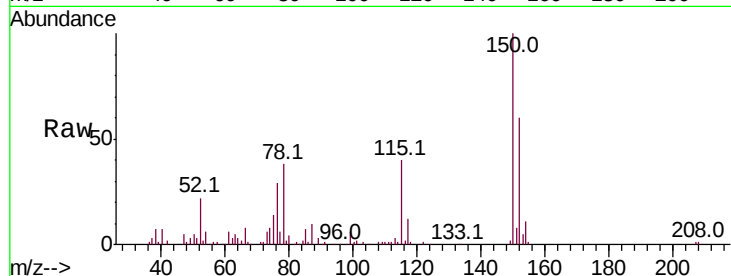


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016549.D
Acq: 23 Aug 2018 10:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.2	119.5	179.3
115	66.8	43.0	64.4

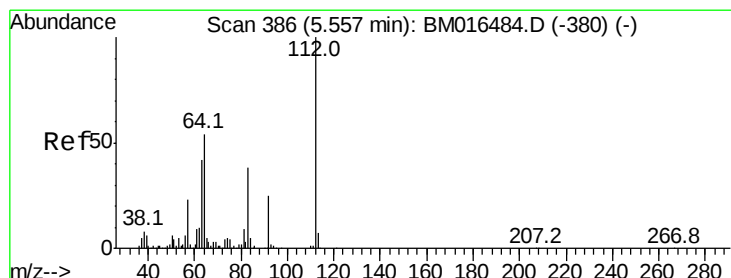
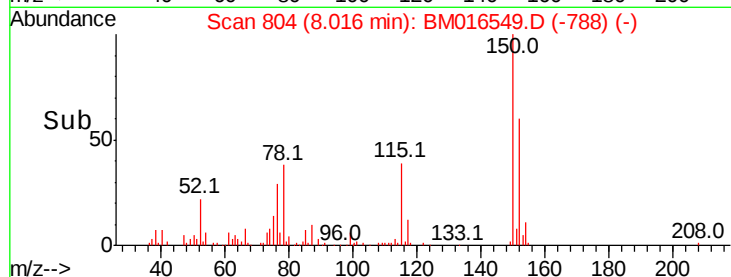
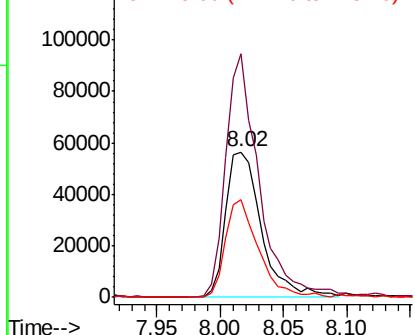


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

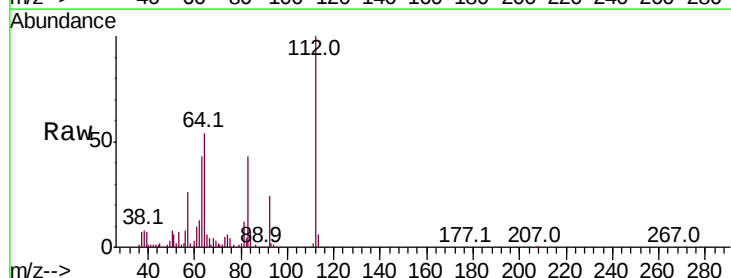
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016549.D
Acq: 23 Aug 2018 10:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	38.6	57.8
63	43.5	19.3	28.9

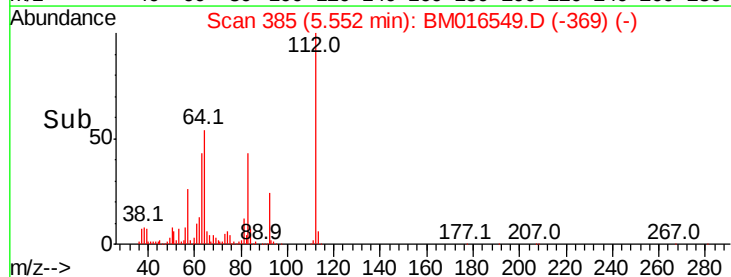
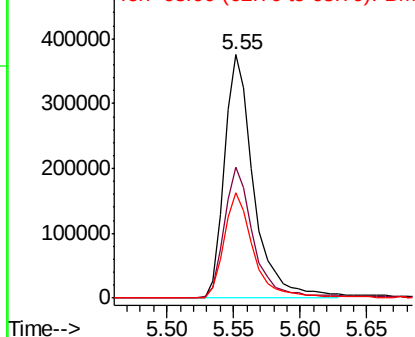


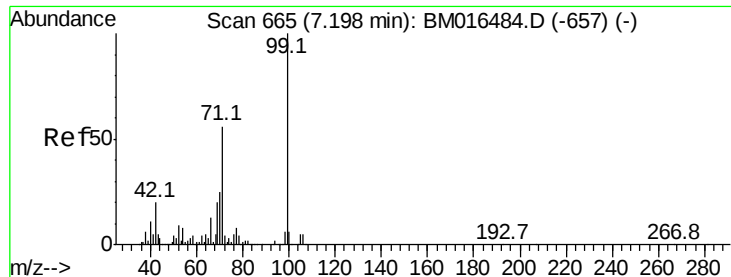
Abundance

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: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016549.D

Acq: 23 Aug 2018 10:52

Instrument :

BNA_M

ClientSampleId :

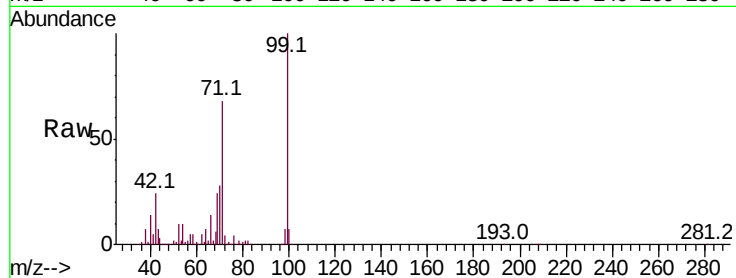
Tot Ion: 99 Resp: 731743

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 67.6 23.4 35.2#

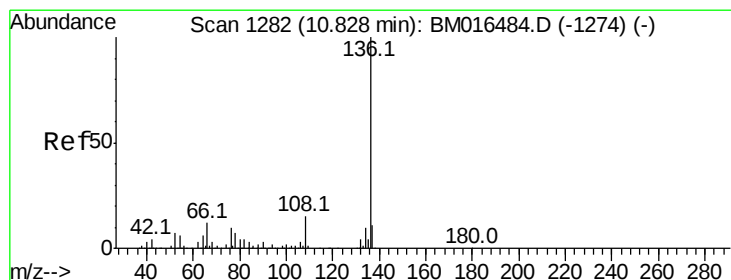
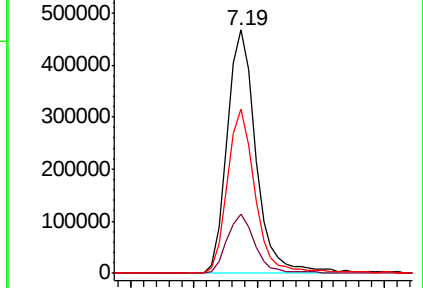
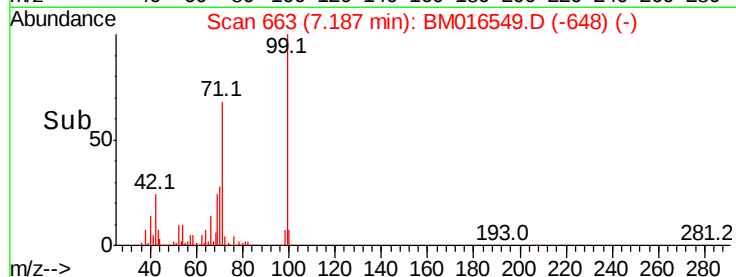


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

7.19



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016549.D

Acq: 23 Aug 2018 10:52

Tgt Ion: 136 Resp: 361403

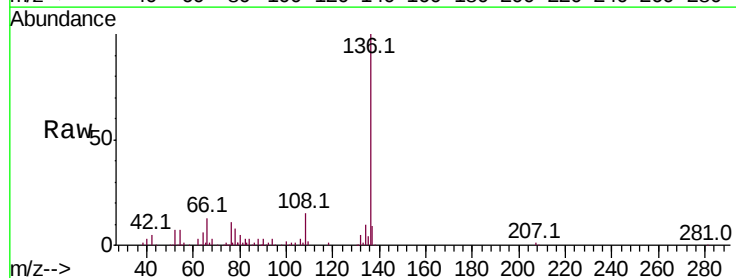
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 6.7 4.6 6.8

68 2.7 3.7 5.5#



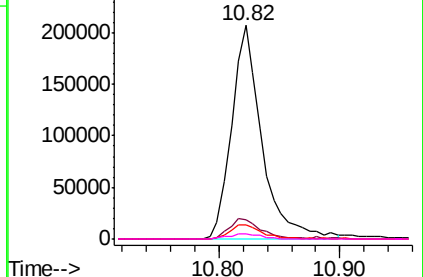
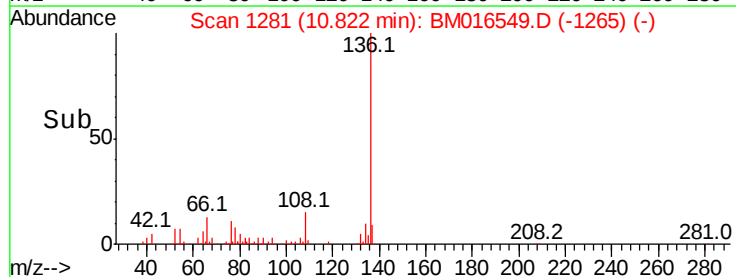
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

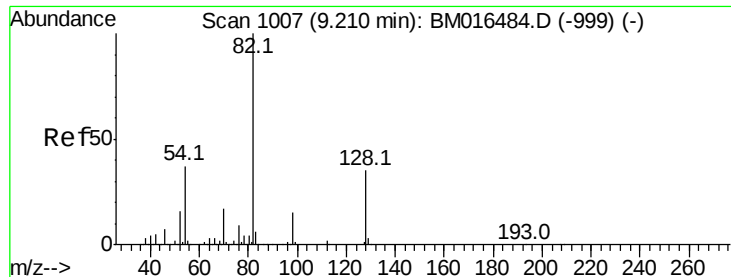
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

10.82

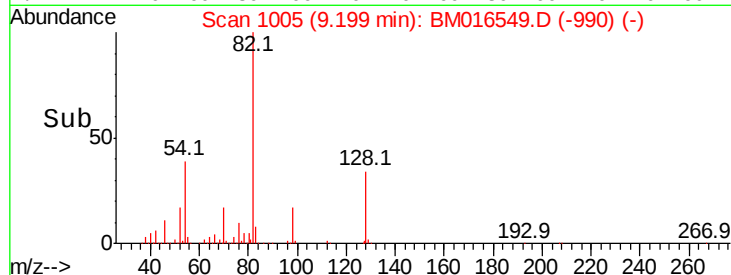
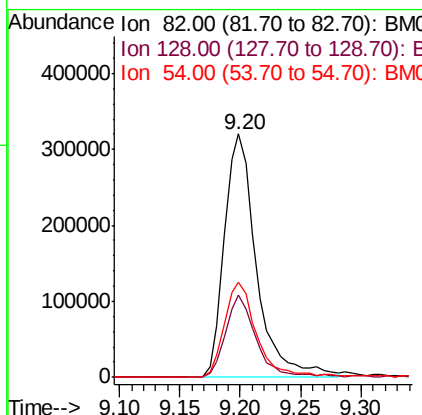
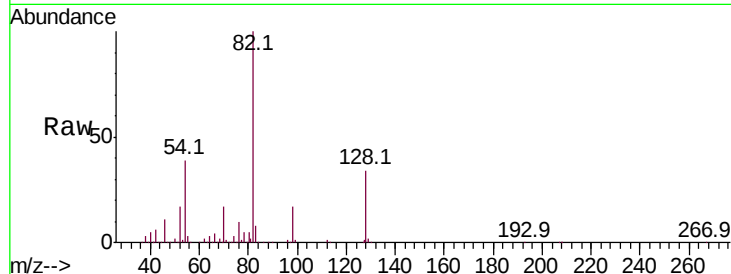




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016549.D
Acq: 23 Aug 2018 10:52

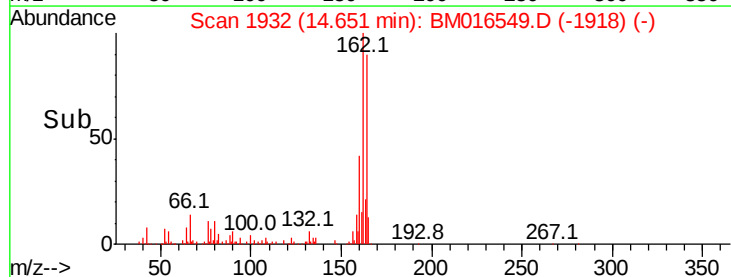
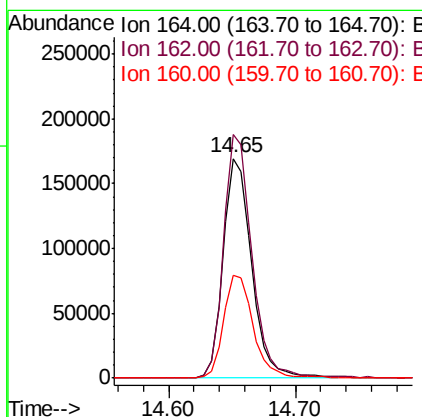
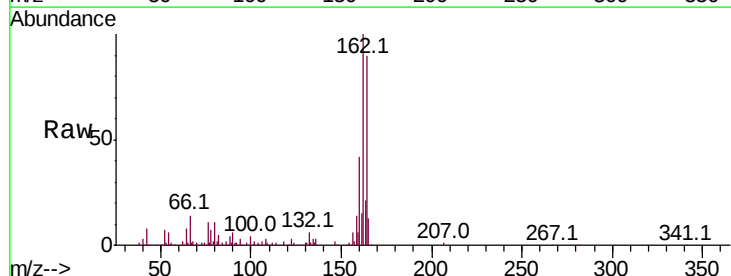
Instrument :
BNA_M
ClientSampleId :

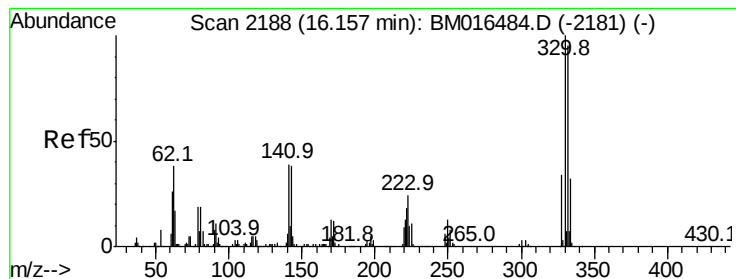
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	39.1	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM016549.D
Acq: 23 Aug 2018 10:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.8	82.4	123.6
160	46.6	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.15 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BM016549.D

Acq: 23 Aug 2018 10:52

Instrument :

BNA_M

ClientSampleId :

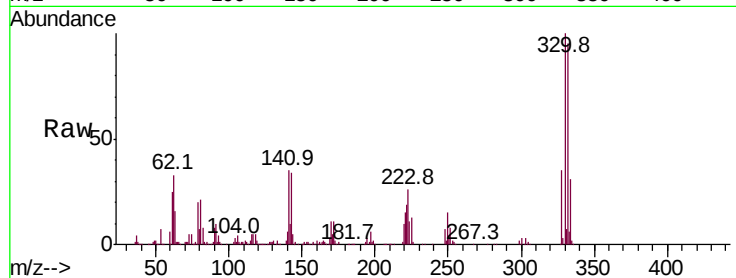
Tot Ion:330 Resp: 866263

Ion Ratio Lower Upper

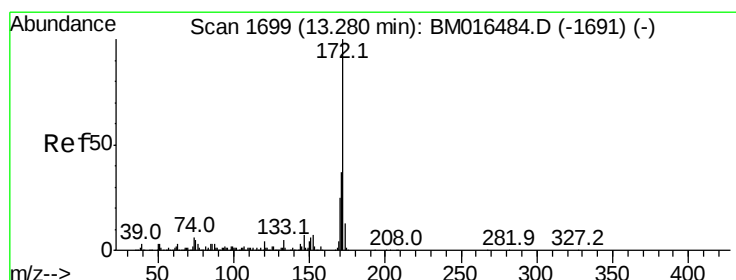
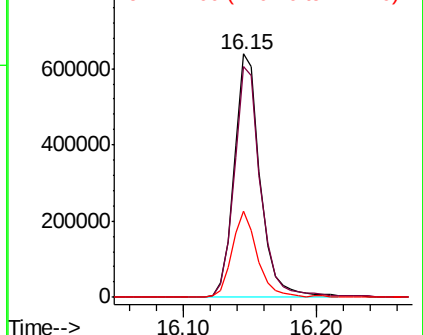
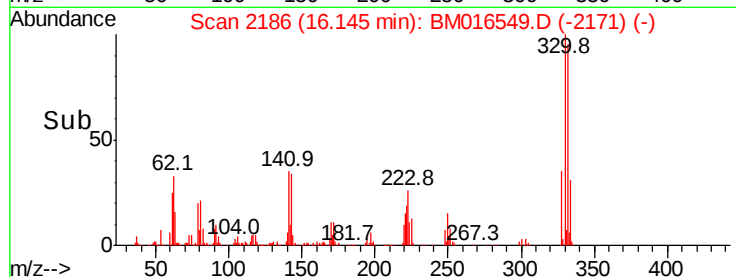
330 100

332 95.7 0.0 0.0#

141 34.7 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: 13.27 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BM016549.D

Acq: 23 Aug 2018 10:52

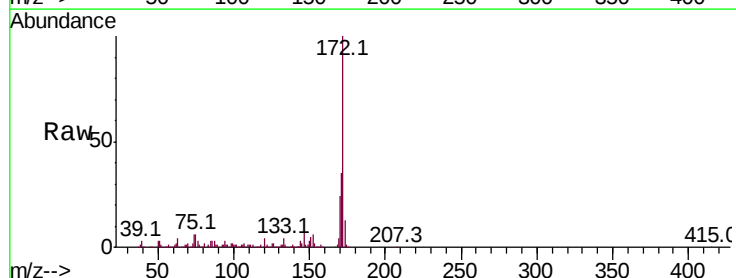
Tgt Ion:172 Resp: 2062040

Ion Ratio Lower Upper

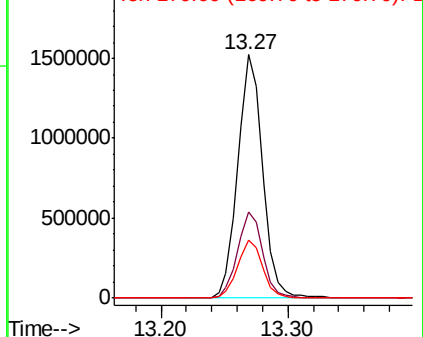
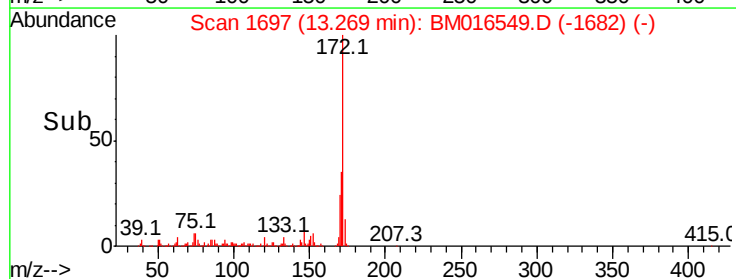
172 100

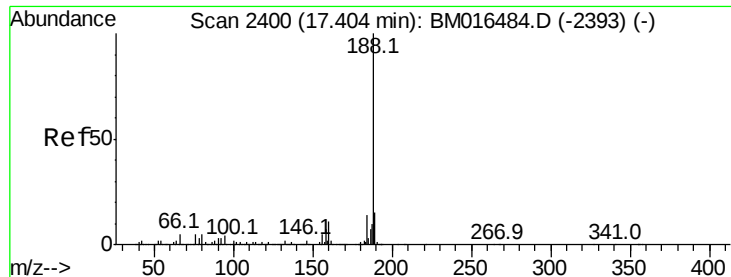
171 35.4 28.5 42.7

170 23.8 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

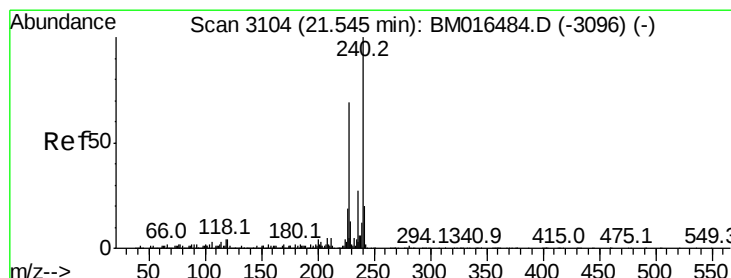
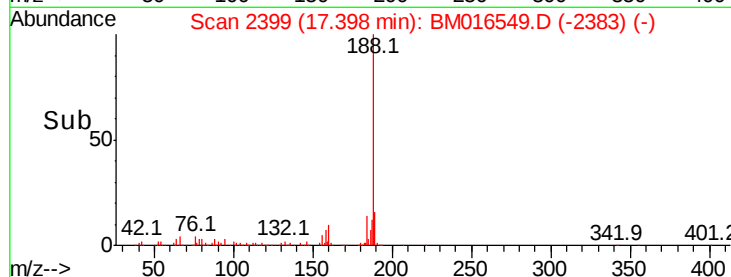
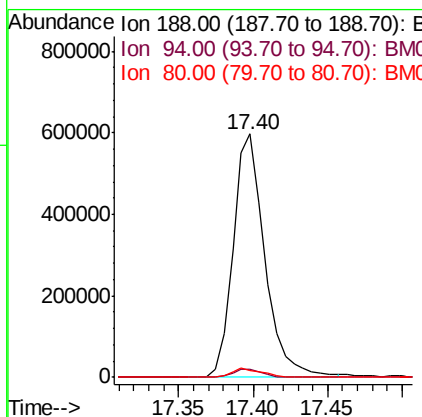
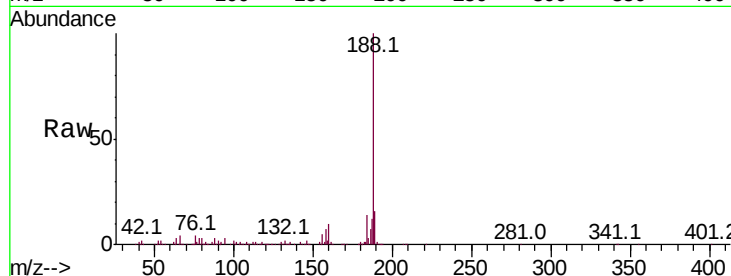




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016549.D
Acq: 23 Aug 2018 10:52

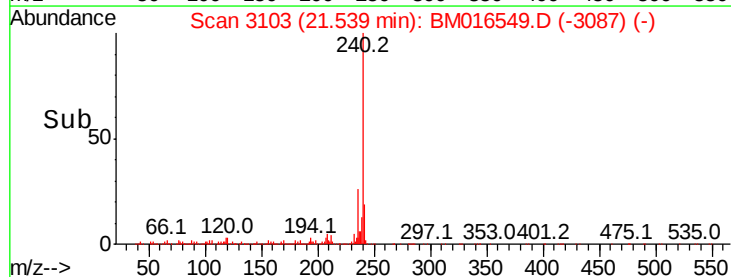
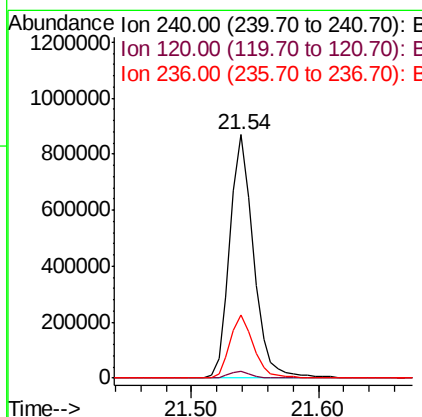
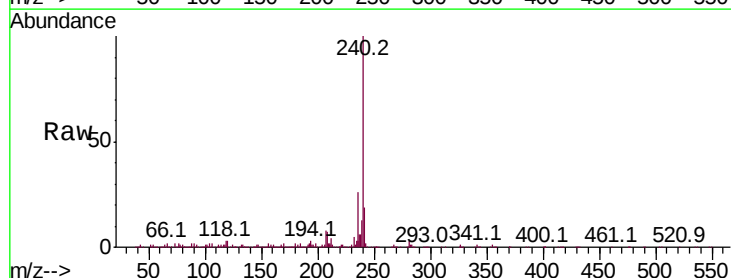
Instrument :
BNA_M
ClientSampleId :

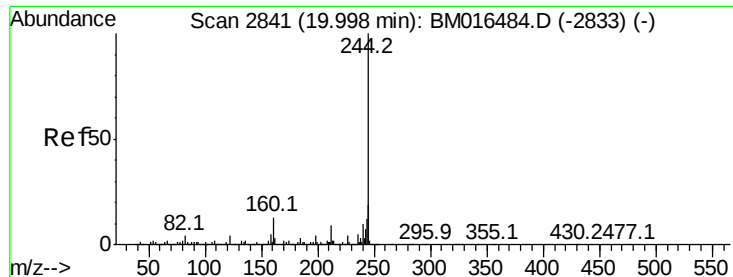
Tot Ion:188 Resp: 883248
Ion Ratio Lower Upper
188 100
94 3.3 8.7 13.1#
80 3.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016549.D
Acq: 23 Aug 2018 10:52

Tgt Ion:240 Resp: 1124641
Ion Ratio Lower Upper
240 100
120 2.6 8.2 12.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016549.D

Acq: 23 Aug 2018 10:52

Instrument :

BNA_M

ClientSampleId :

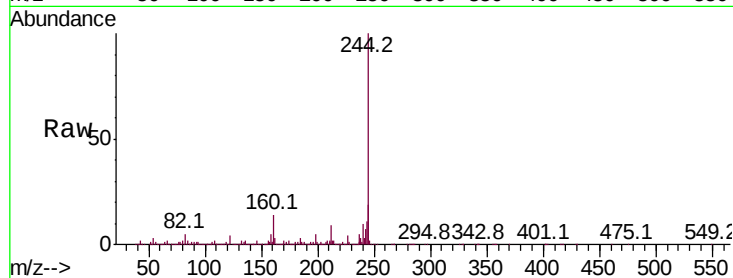
Tot Ion:244 Resp: 5207395

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

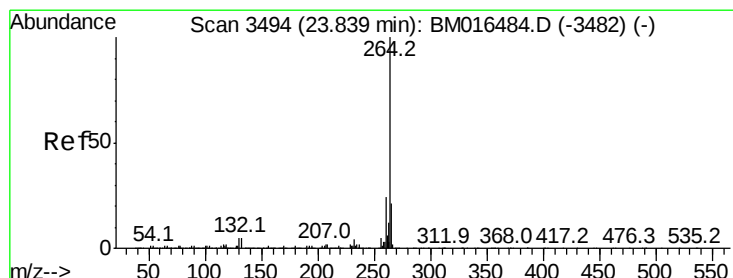
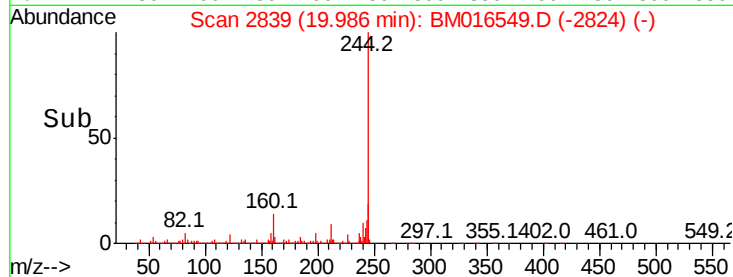
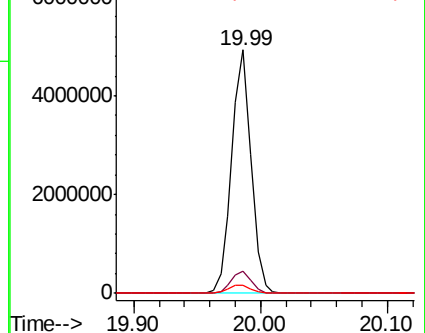
122 3.5 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.82 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BM016549.D

Acq: 23 Aug 2018 10:52

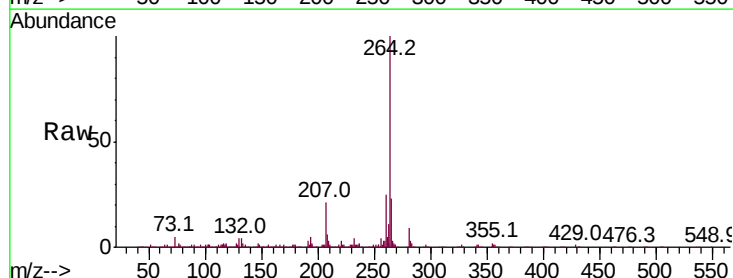
Tgt Ion:264 Resp: 1286218

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 23.1 17.3 25.9



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

