

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016402.D
 Acq On : 16 Aug 2018 05:36
 Operator : SJ/JU
 Sample : J4471-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Aug 16 07:51:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20420	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	69638	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	36579	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	80206	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	87017	20.00	ng	0.00
86) Perylene-d12	23.94	264	83561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	165162	134.36	ng	0.00
7) Phenol-d6	7.28	99	169458	105.56	ng	0.00
23) Nitrobenzene-d5	9.30	82	176600	117.95	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	72973	157.29	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	343920	114.40	ng	-0.01
78) Terphenyl-d14	20.06	244	595508	143.26	ng	0.00

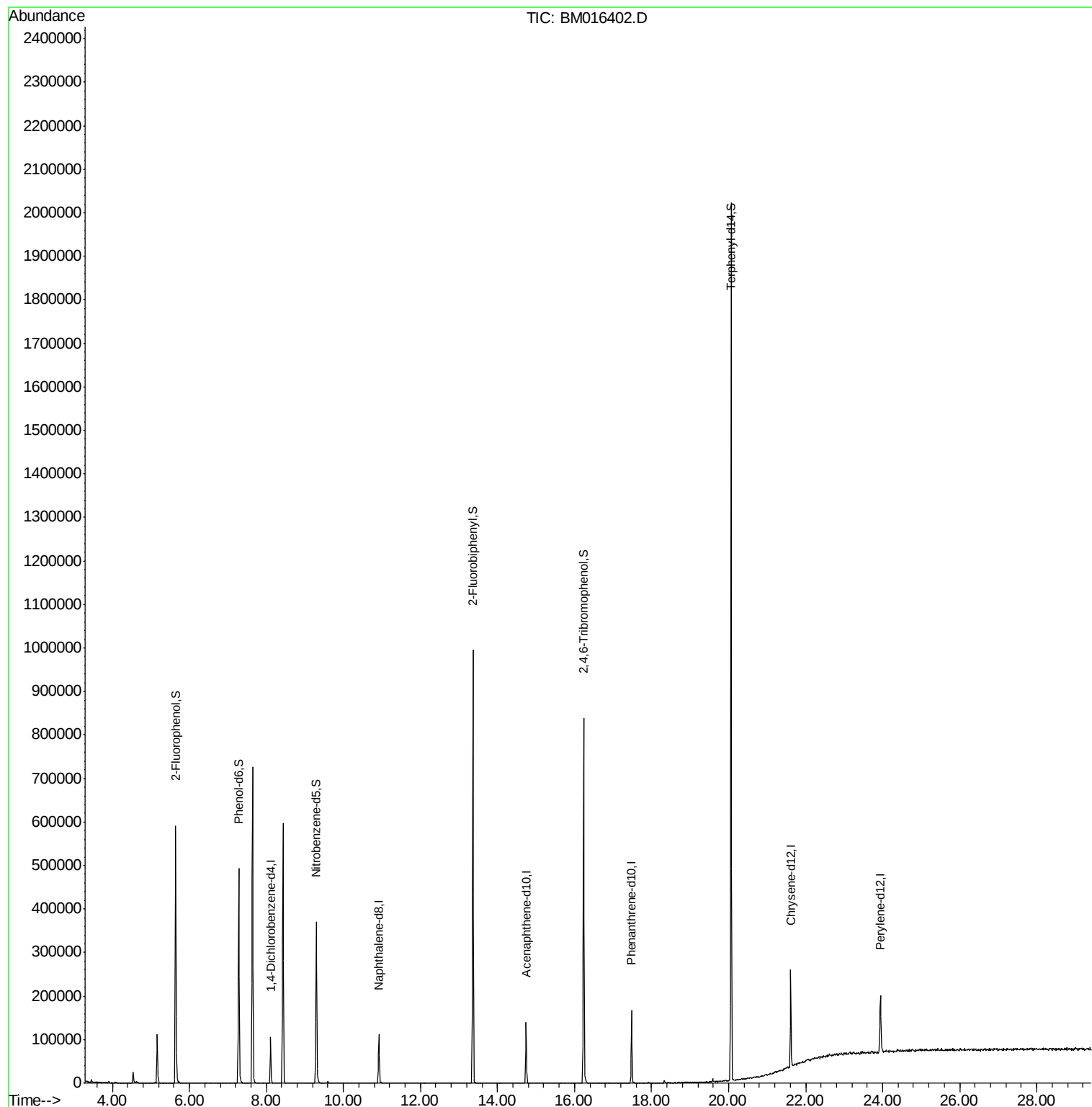
Target Compounds Qvalue

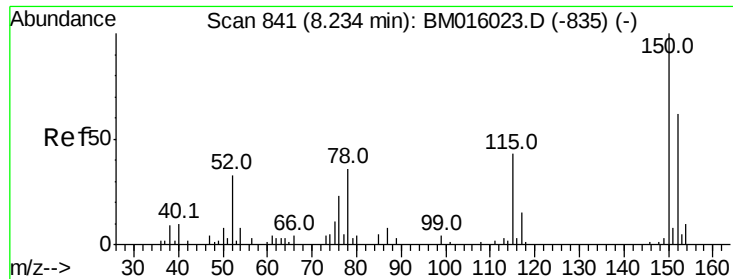
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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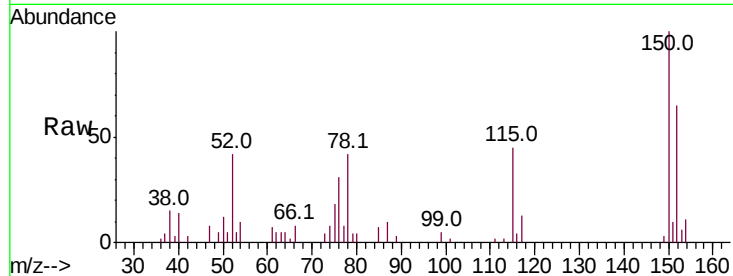


#1

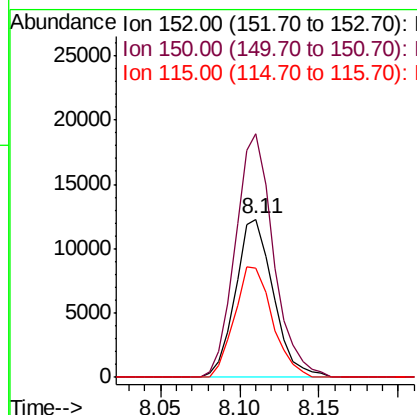
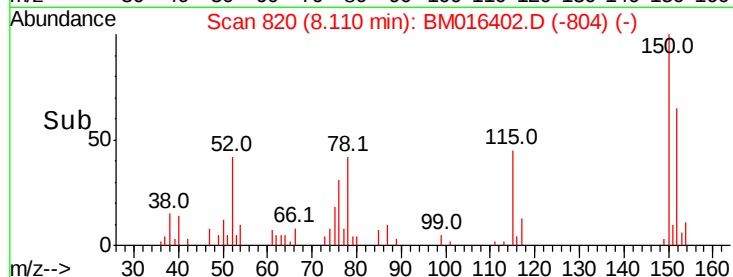
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016402.D
Acq: 16 Aug 2018 05:36

Instrument :
BNA_M
ClientSampled :
TP-4

Tot Ion:152 Resp: 20420
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 69.1 43.0 64.4#



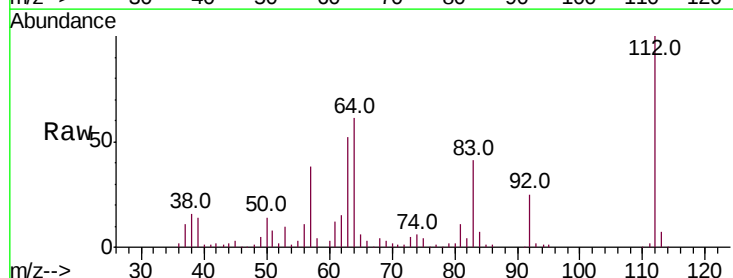
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



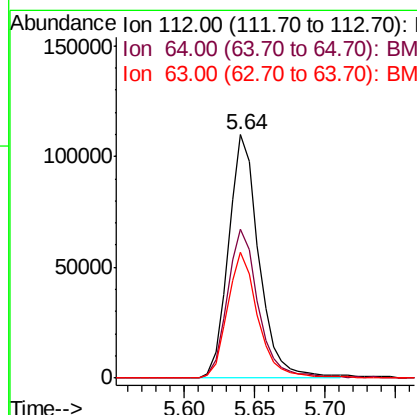
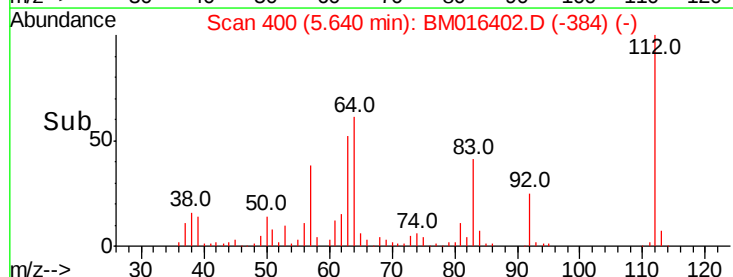
#5

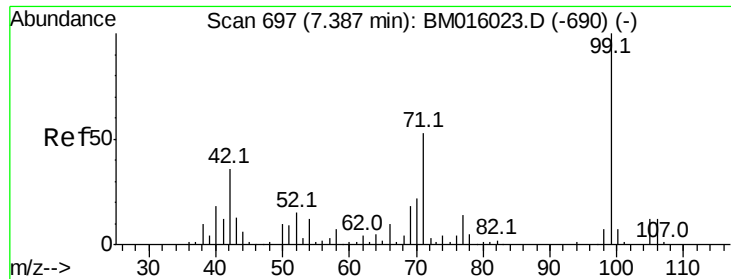
2-Fluorophenol
Concen: Below ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016402.D
Acq: 16 Aug 2018 05:36

Tgt Ion:112 Resp: 165162
Ion Ratio Lower Upper
112 100
64 61.0 38.6 57.8#
63 51.6 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: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

Instrument :

BNA_M

ClientSampled :

TP-4

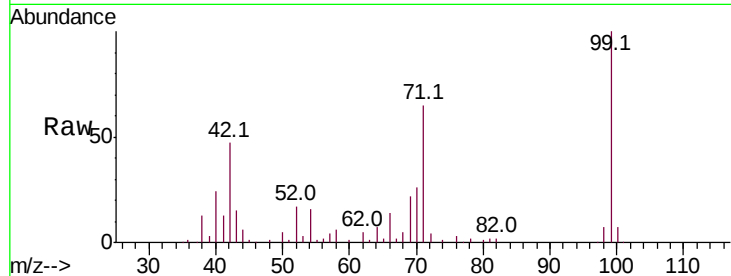
Tot Ion: 99 Resp: 169458

Ion Ratio Lower Upper

99 100

42 46.6 11.0 16.4#

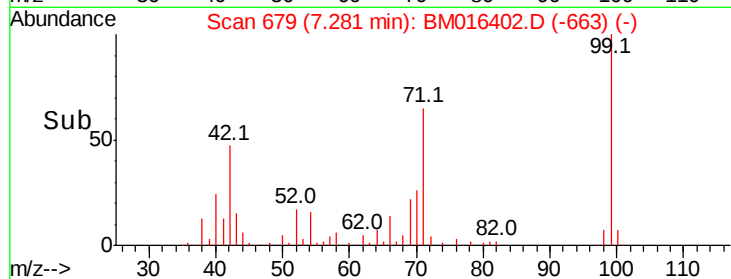
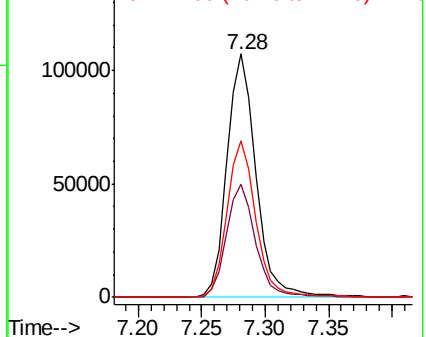
71 64.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016402.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016402.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016402.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

Tgt Ion: 136 Resp: 69638

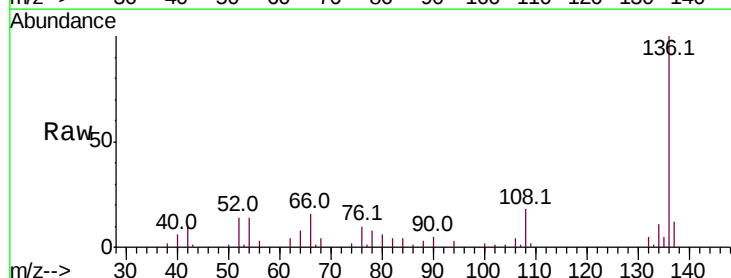
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 13.6 4.6 6.8#

68 3.9 3.7 5.5

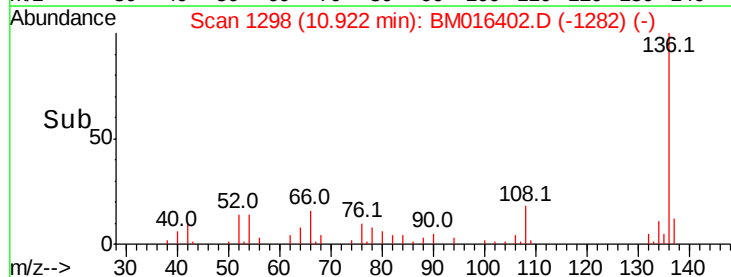
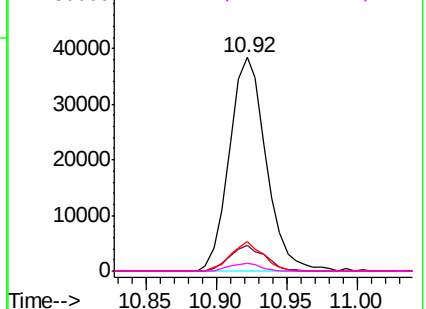


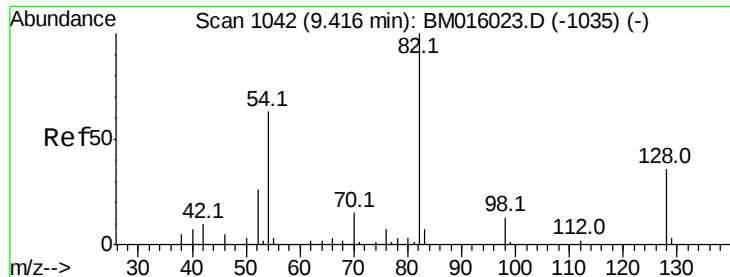
Abundance Ion 136.00 (135.70 to 136.70): BM016402.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016402.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016402.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016402.D (-1282) (-)

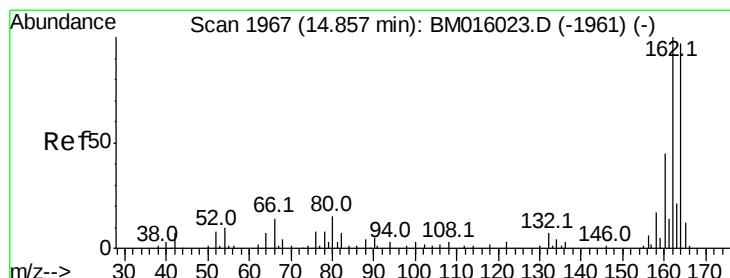
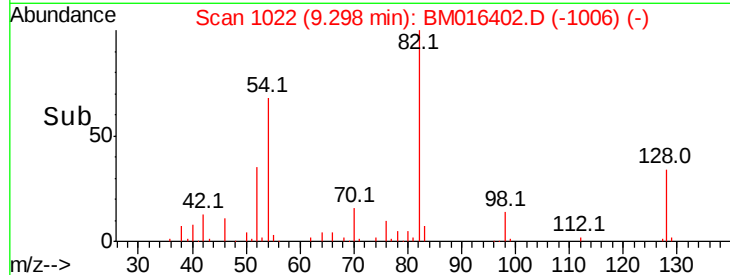
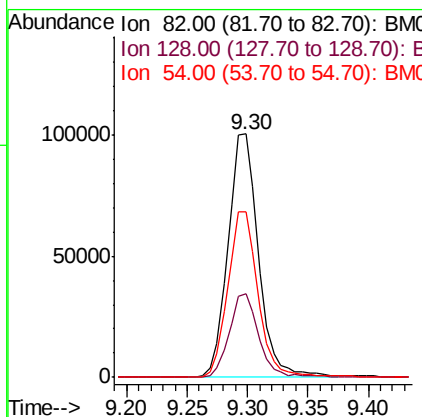
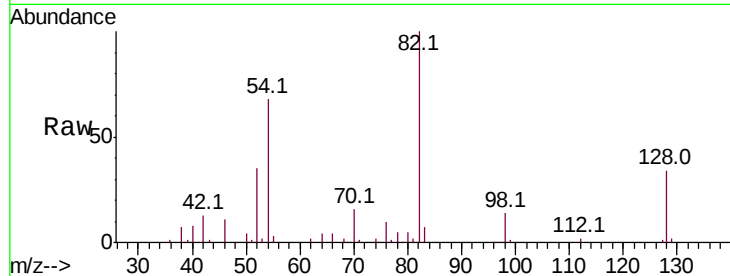




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016402.D
 Acq: 16 Aug 2018 05:36

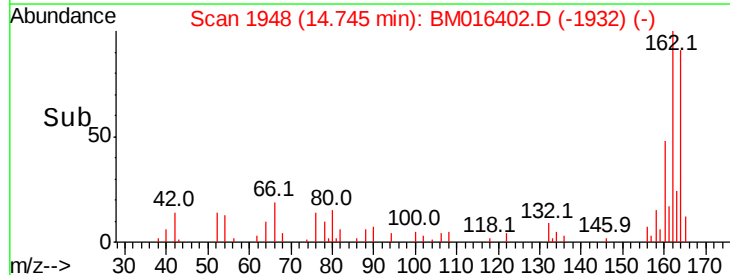
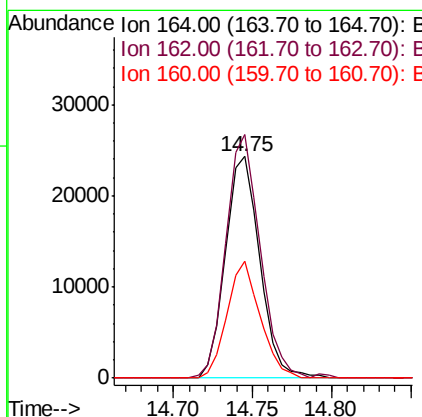
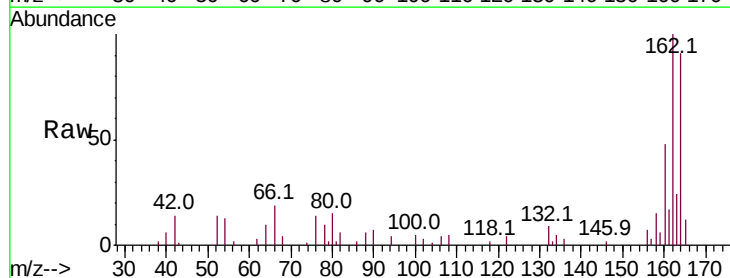
Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Tot Ion:	82	Resp:	176600
Ion	Ratio	Lower	Upper
82	100		
128	34.1	32.8	49.2
54	67.8	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016402.D
 Acq: 16 Aug 2018 05:36

Tgt Ion:	164	Resp:	36579
Ion	Ratio	Lower	Upper
164	100		
162	109.8	82.4	123.6
160	52.8	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

Instrument :

BNA_M

ClientSampled :

TP-4

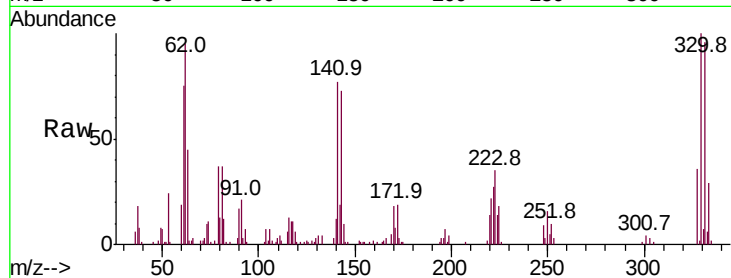
Tot Ion:330 Resp: 72973

Ion Ratio Lower Upper

330 100

332 98.0 0.0 0.0#

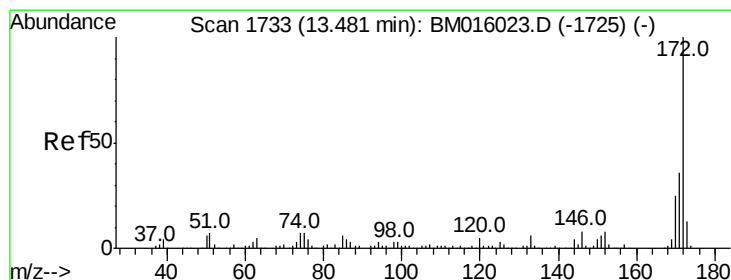
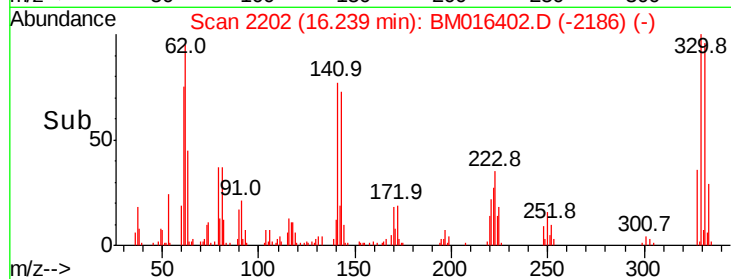
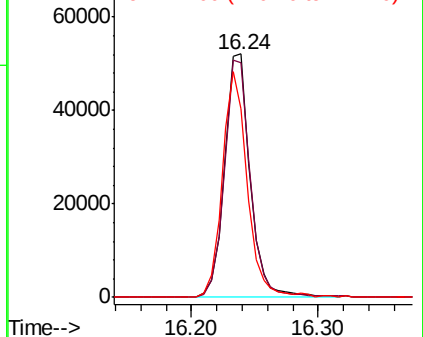
141 90.3 0.0 0.0#



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: N.D. ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

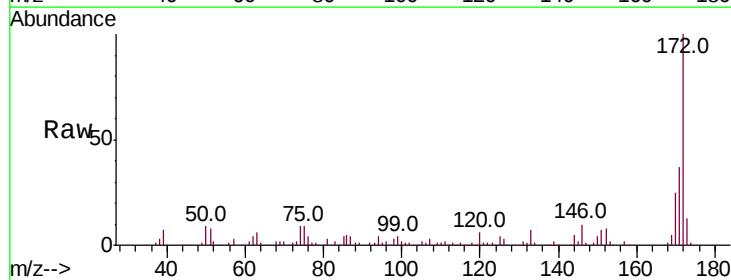
Tgt Ion:172 Resp: 343920

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

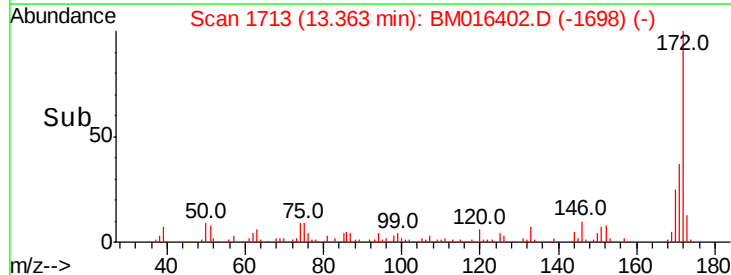
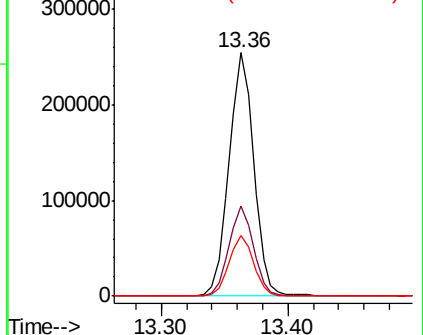
170 24.8 18.8 28.2

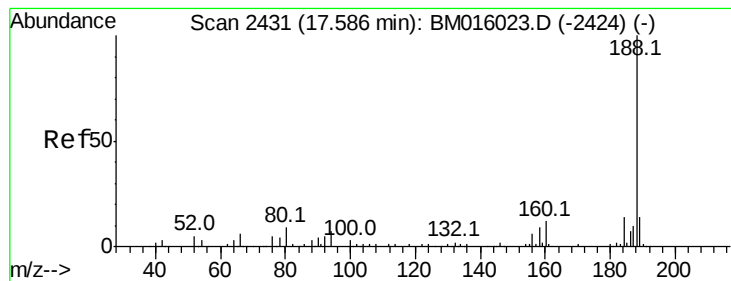


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

Instrument :

BNA_M

ClientSampleId :

TP-4

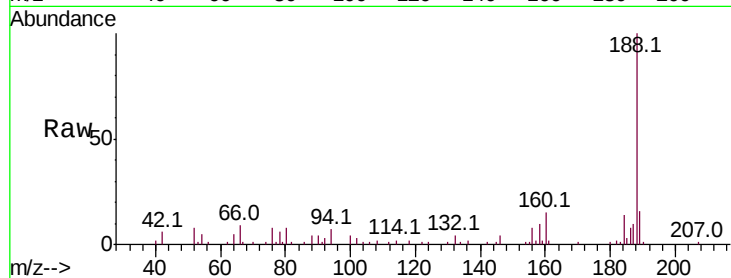
Tot Ion:188 Resp: 80206

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

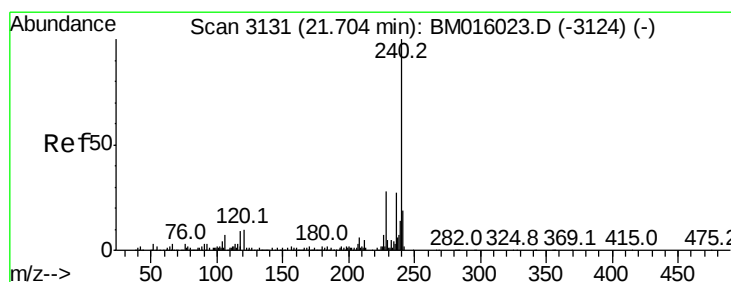
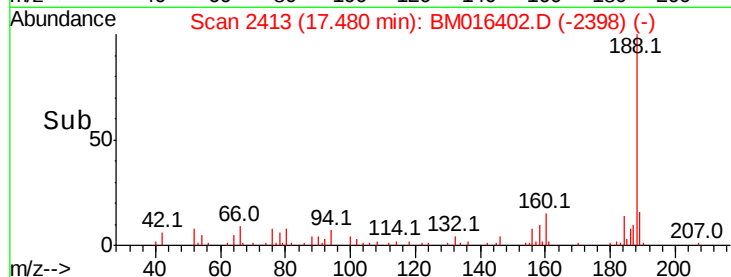
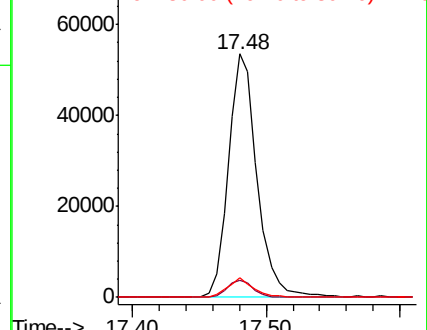
80 8.2 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

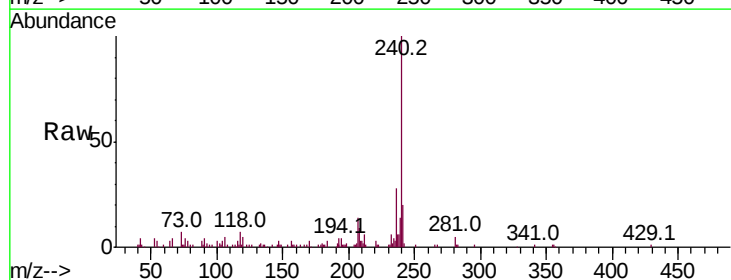
Tgt Ion:240 Resp: 87017

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

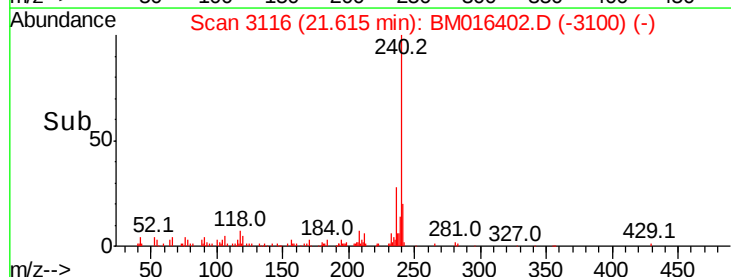
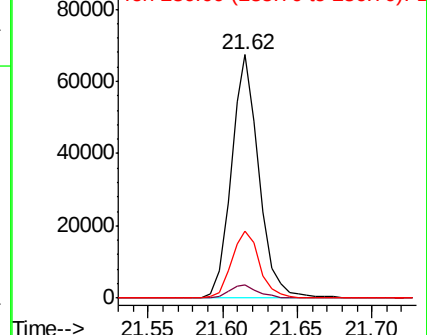
236 27.5 20.0 30.0

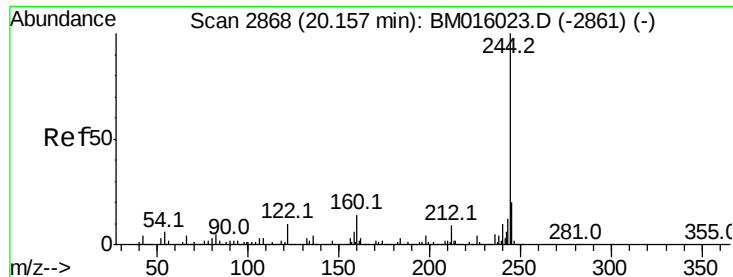


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

Instrument :

BNA_M

ClientSampleId :

TP-4

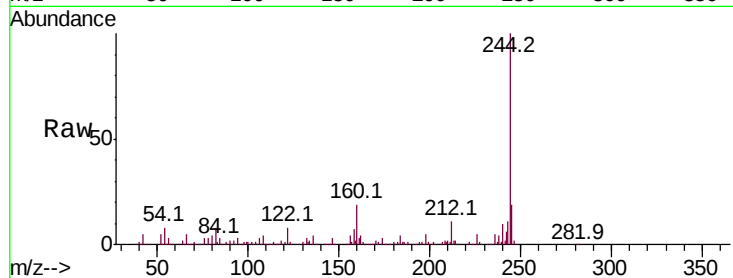
Tot Ion:244 Resp: 595508

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

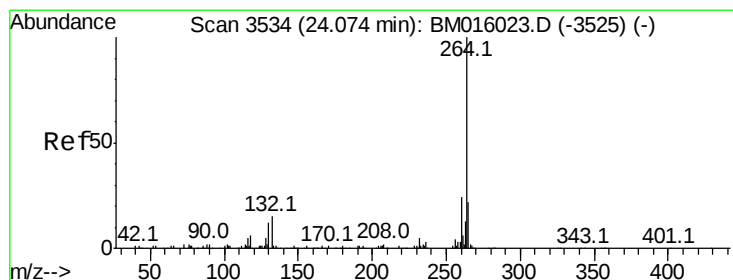
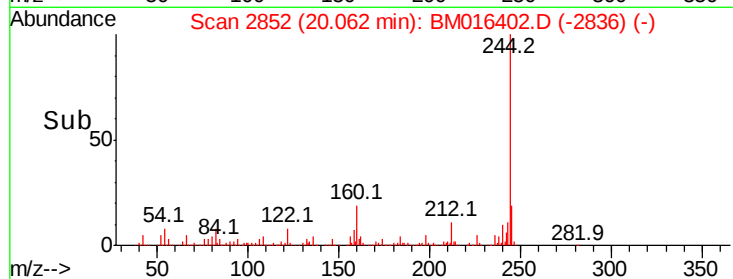
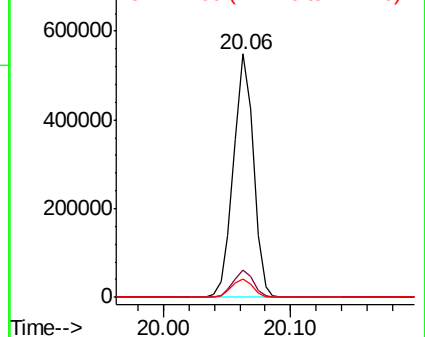
122 7.6 6.2 9.4



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: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016402.D

Acq: 16 Aug 2018 05:36

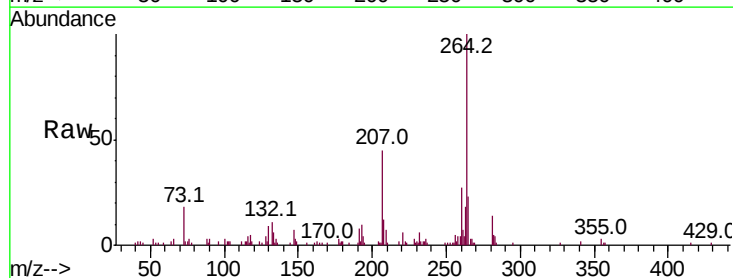
Tgt Ion:264 Resp: 83561

Ion Ratio Lower Upper

264 100

260 26.8 18.6 27.8

265 22.6 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

