

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016448.D
 Acq On : 17 Aug 2018 21:42
 Operator : SJ/JU
 Sample : J4486-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ202RE

Quant Time: Aug 18 03:01:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	13277	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	48890	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	28354	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	75196	20.00	ng	0.00
75) Chrysene-d12	21.58	240	106414	20.00	ng	0.00
86) Perylene-d12	23.89	264	120427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	119941	151.82	ng	0.00
7) Phenol-d6	7.23	99	131823	124.14	ng	0.00
23) Nitrobenzene-d5	9.25	82	130153	110.87	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	82513	192.68	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	265282	97.29	ng	0.00
78) Terphenyl-d14	20.03	244	836298	118.78	ng	0.00

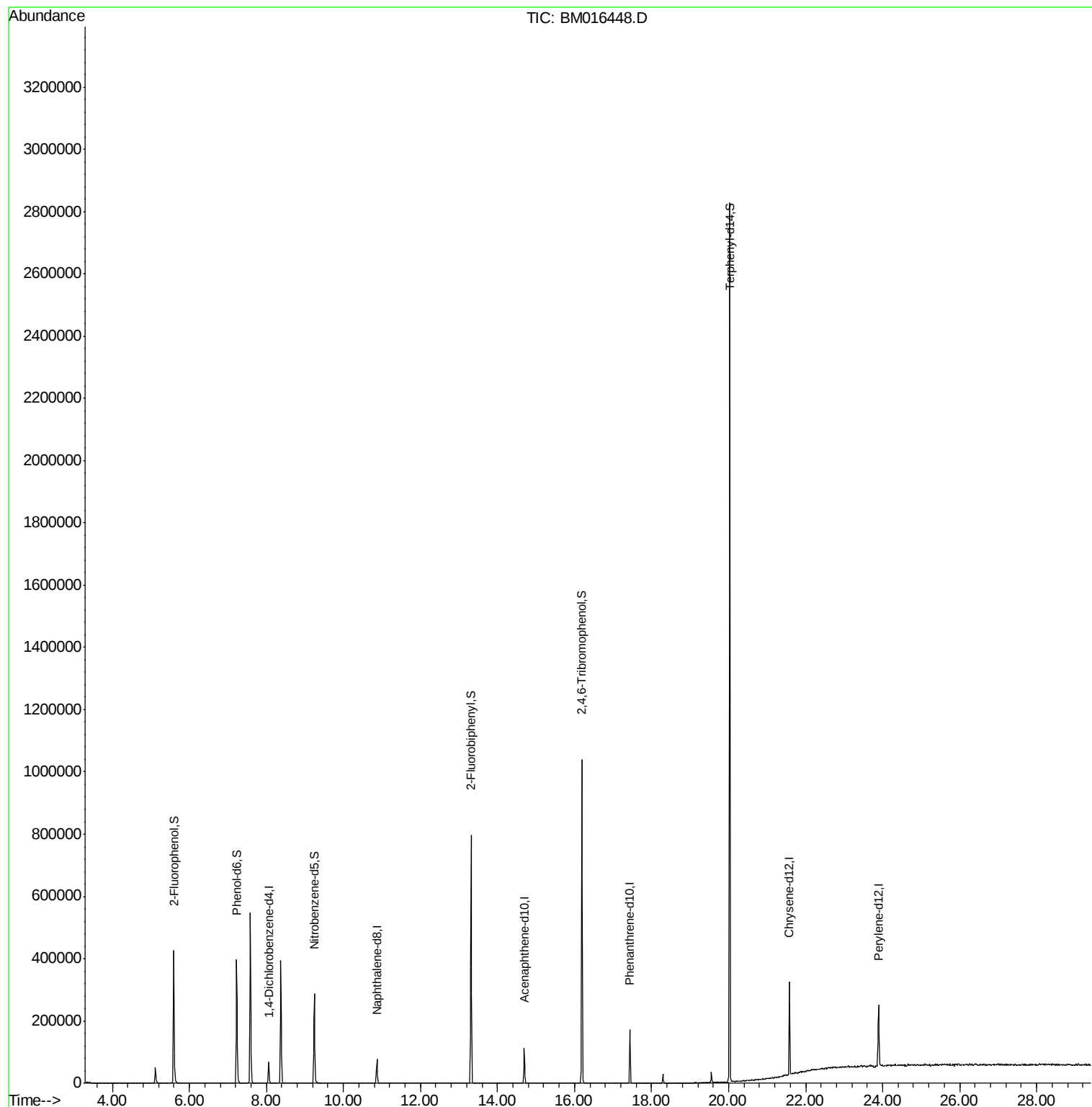
Target Compounds Qvalue

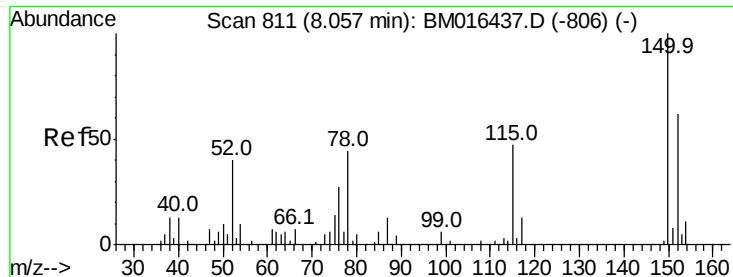
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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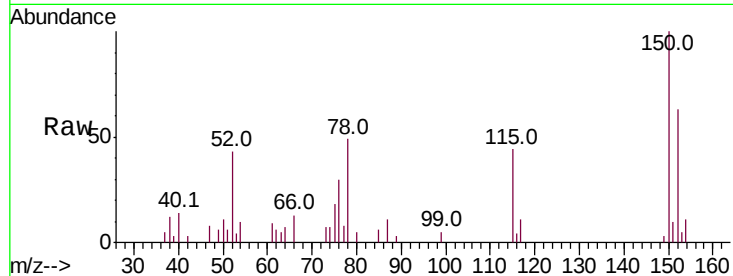


#1

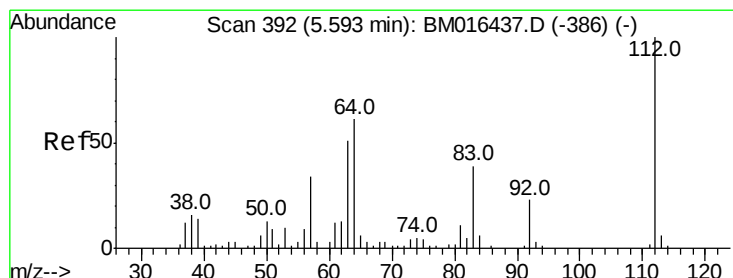
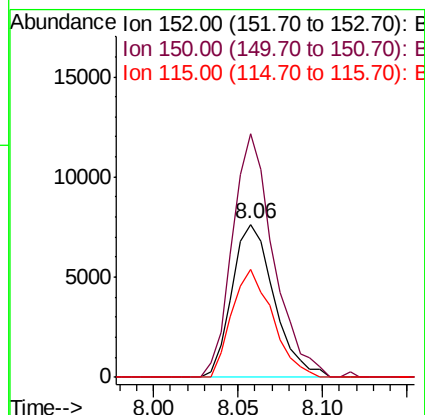
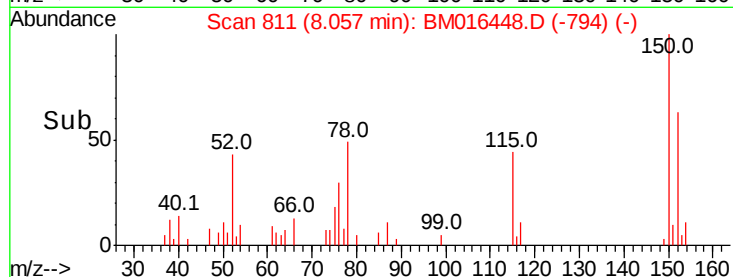
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016448.D
 Acq: 17 Aug 2018 21:42

Instrument :
 BNA_M
 ClientSampleId :
 VNJ202RE

Tot Ion:152 Resp: 13277
 Ion Ratio Lower Upper
 152 100
 150 159.1 119.5 179.3
 115 70.8 43.0 64.4#



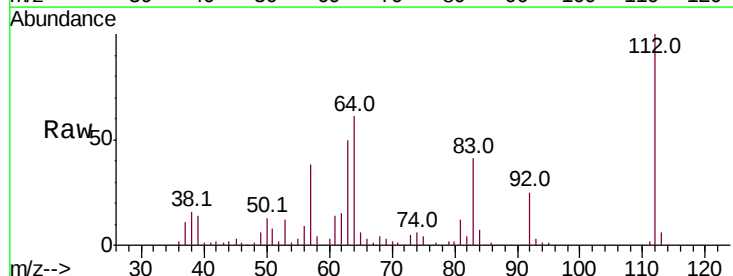
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



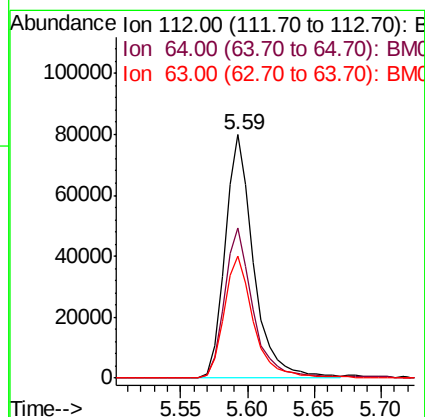
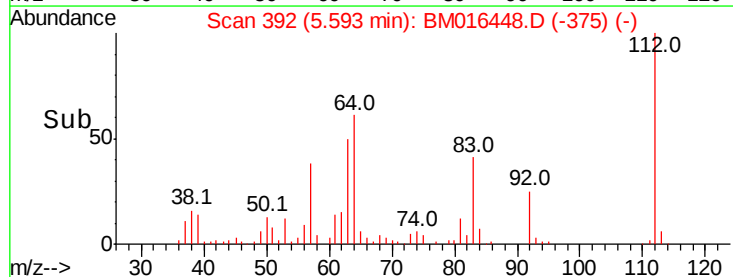
#5

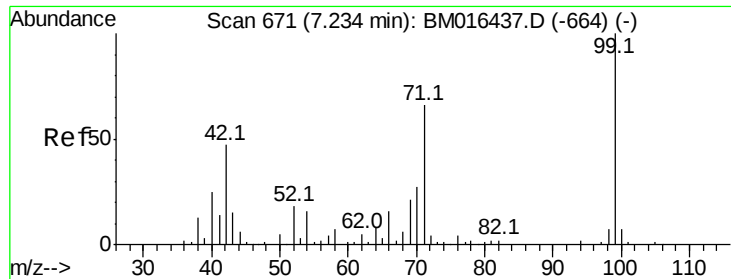
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016448.D
 Acq: 17 Aug 2018 21:42

Tgt Ion:112 Resp: 119941
 Ion Ratio Lower Upper
 112 100
 64 61.4 38.6 57.8#
 63 50.1 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: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM016448.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_M

ClientSampleId :

VNJ202RE

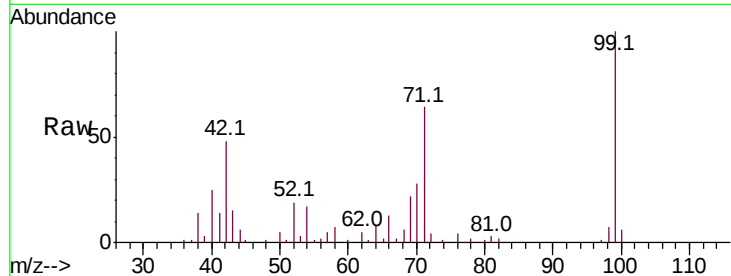
Tot Ion: 99 Resp: 131823

Ion Ratio Lower Upper

99 100

42 48.1 11.0 16.4#

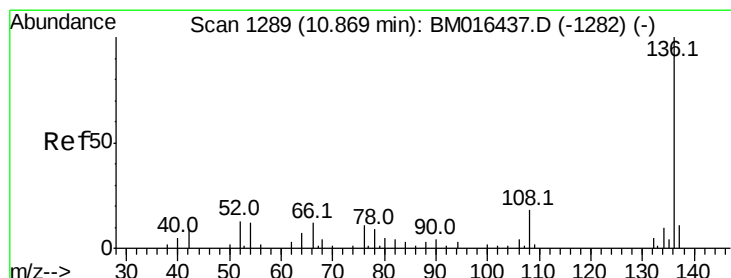
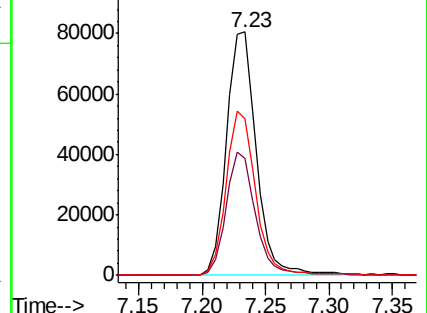
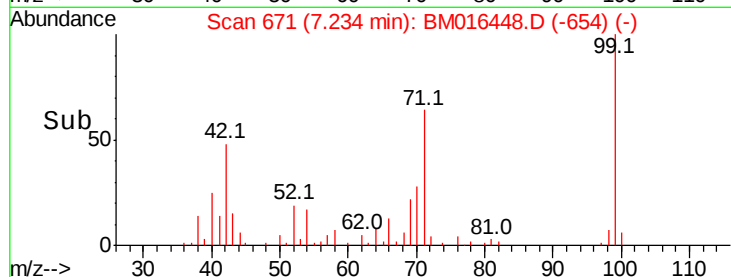
71 64.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016448.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016448.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016448.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM016448.D

Acq: 17 Aug 2018 21:42

Tgt Ion: 136 Resp: 48890

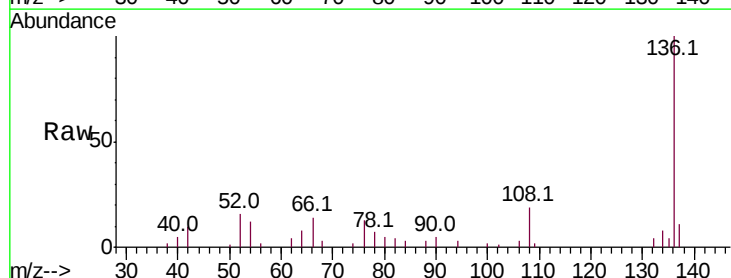
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.7 4.6 6.8#

68 3.1 3.7 5.5#

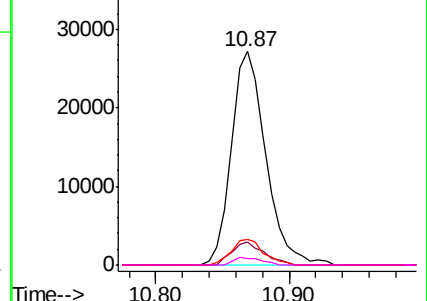
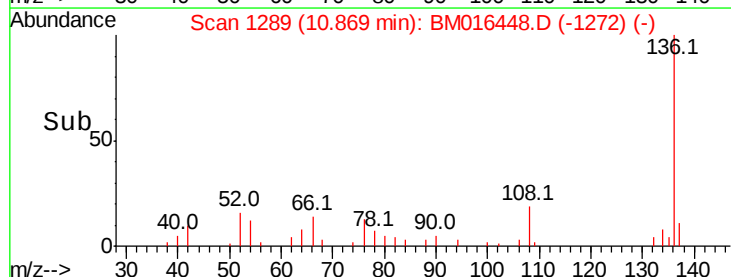


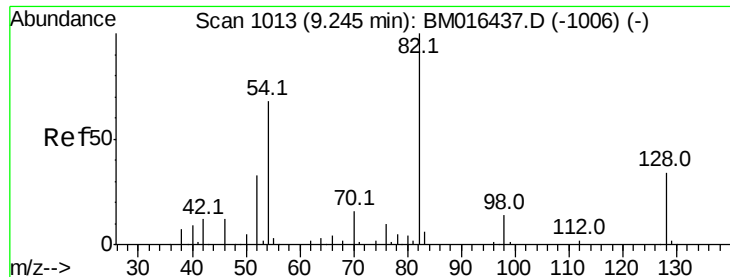
Abundance Ion 136.00 (135.70 to 136.70): BM016448.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016448.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016448.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016448.D (-1272) (-)

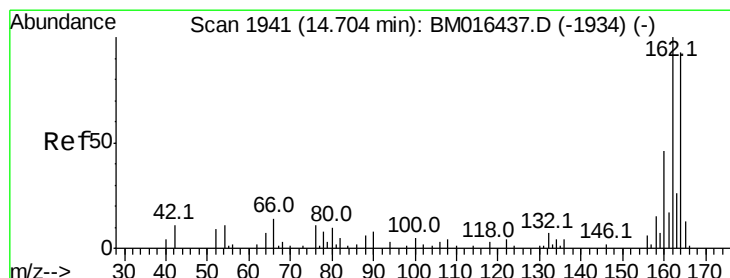
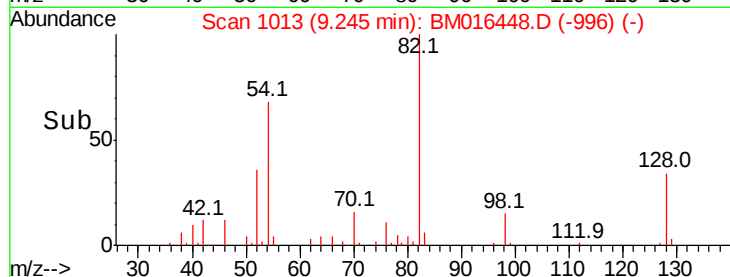
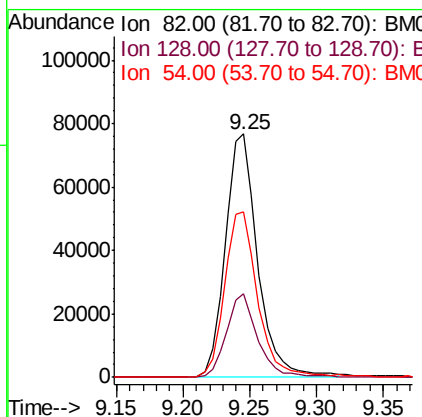
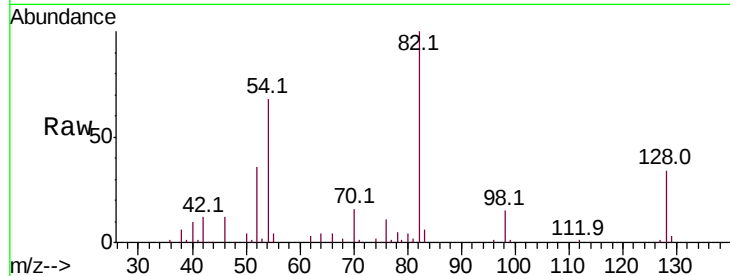




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.25 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM016448.D
Acq: 17 Aug 2018 21:42

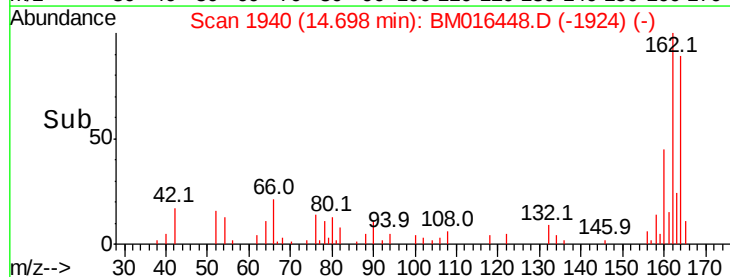
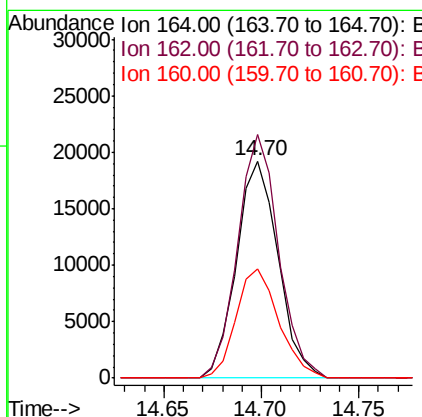
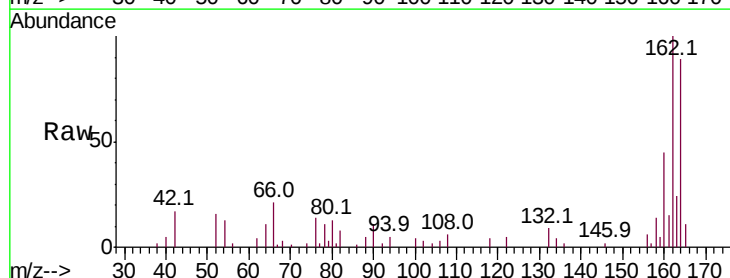
Instrument :
BNA_M
ClientSampleId :
VNJ202RE

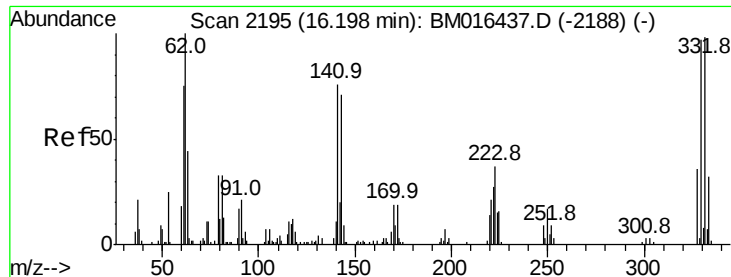
Tot Ion: 82 Resp: 130153
Ion Ratio Lower Upper
82 100
128 34.2 32.8 49.2
54 68.0 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016448.D
Acq: 17 Aug 2018 21:42

Tgt Ion: 164 Resp: 28354
Ion Ratio Lower Upper
164 100
162 112.2 82.4 123.6
160 50.3 35.8 53.6

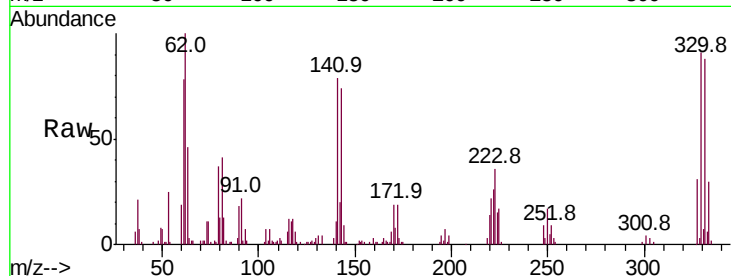




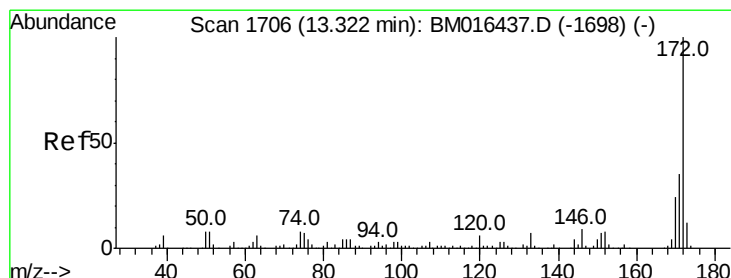
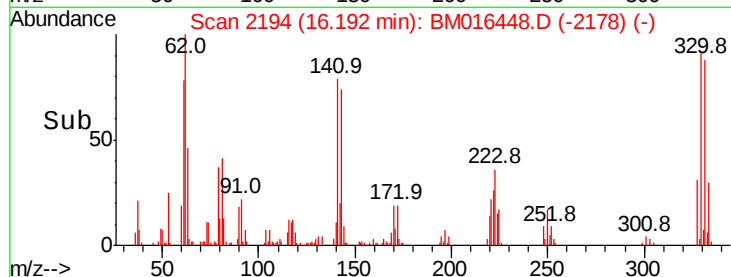
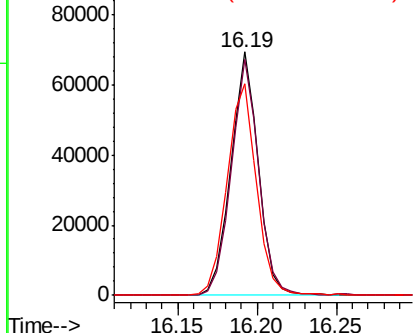
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016448.D
 Acq: 17 Aug 2018 21:42

Instrument :
 BNA_M
 ClientSampleId :
 VNJ202RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	94.0	0.0	0.0#

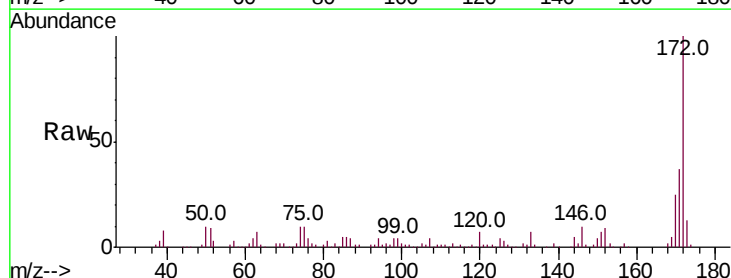


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

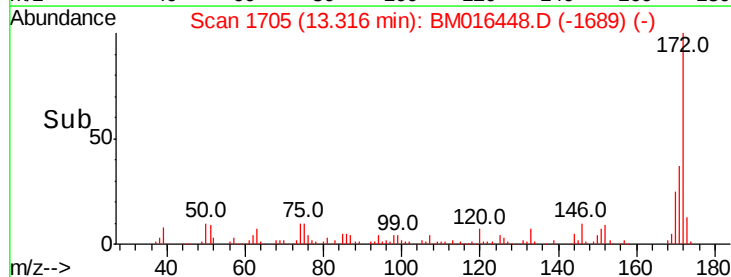
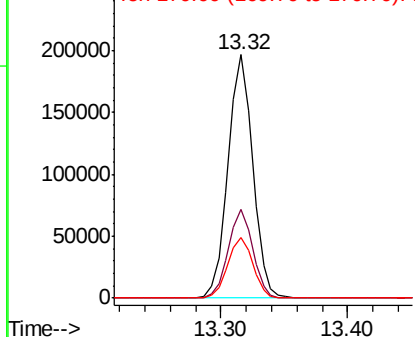


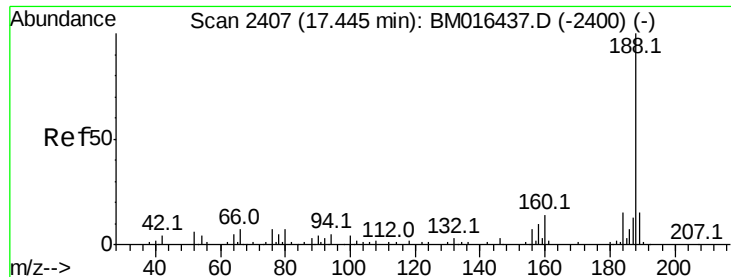
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016448.D
 Acq: 17 Aug 2018 21:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	25.1	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

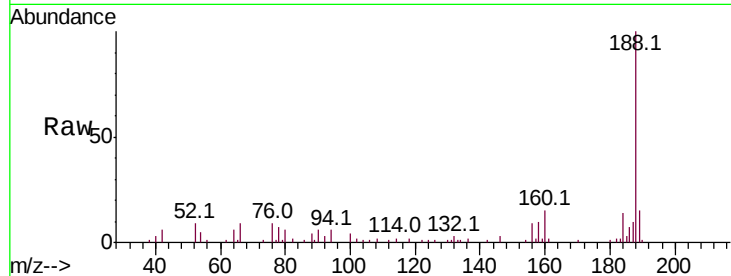




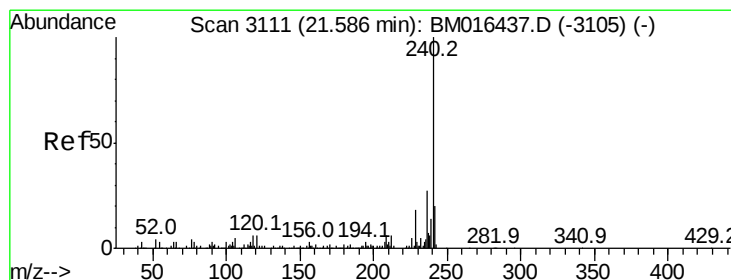
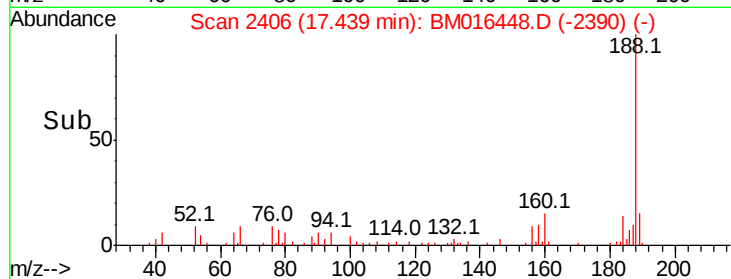
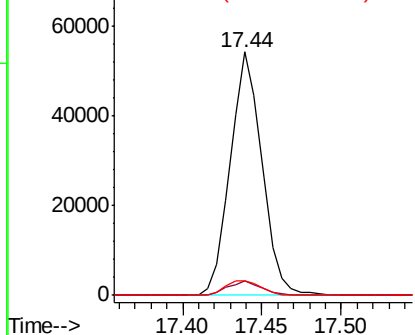
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016448.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_M
ClientSampleId :
VNJ202RE

Tot Ion:188 Resp: 75196
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 5.7 9.3 13.9#

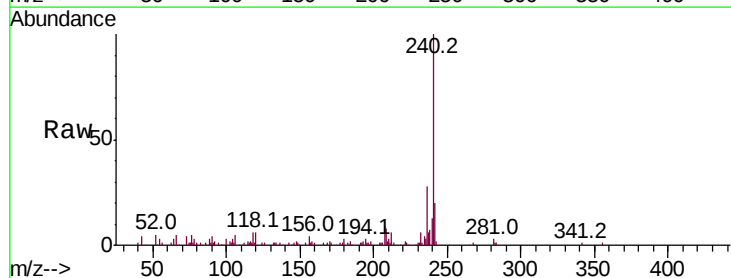


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

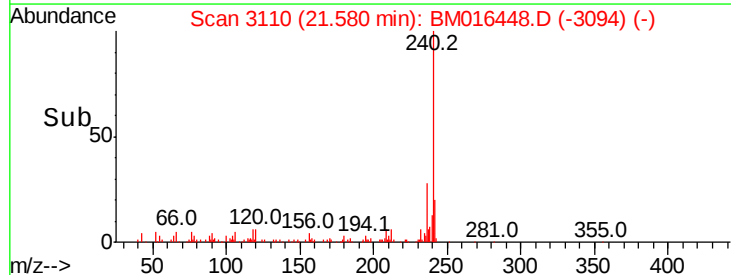
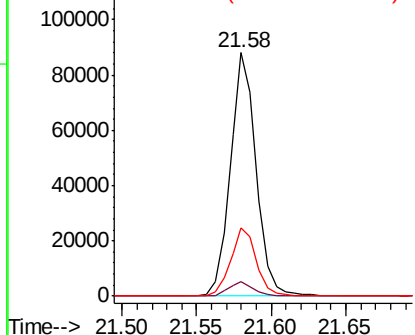


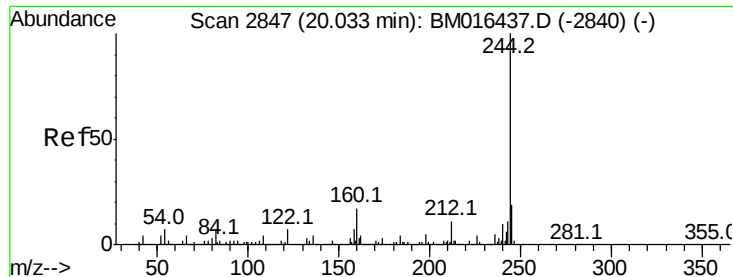
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016448.D
Acq: 17 Aug 2018 21:42

Tgt Ion:240 Resp: 106414
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 28.0 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: 20.03 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BM016448.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_M

ClientSampleId :

VNJ202RE

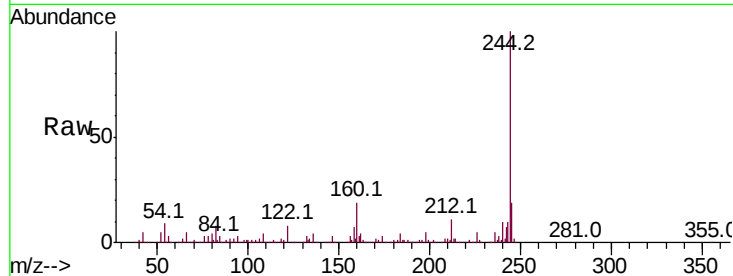
Tot Ion:244 Resp: 836298

Ion Ratio Lower Upper

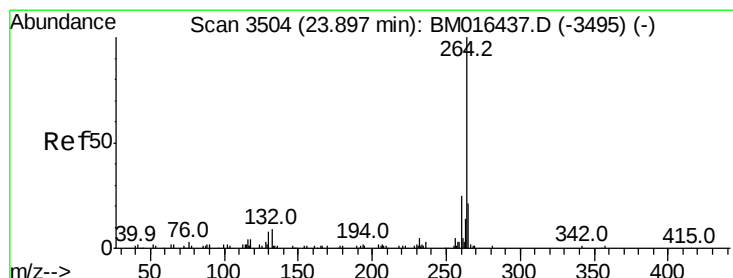
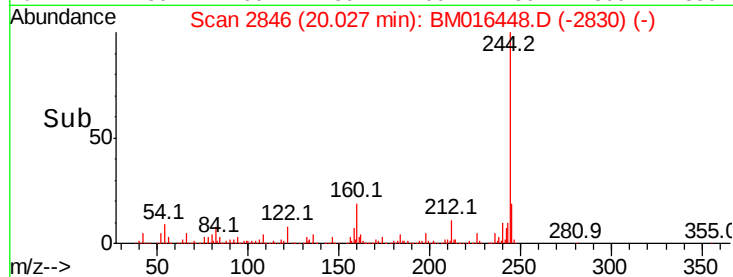
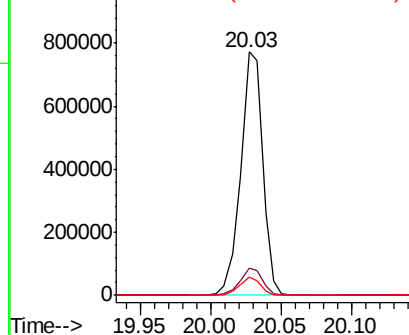
244 100

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: 23.89 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM016448.D

Acq: 17 Aug 2018 21:42

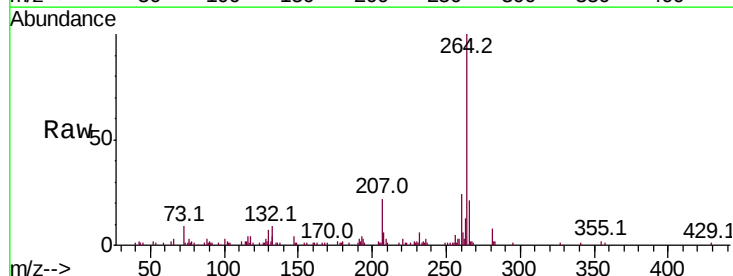
Tgt Ion:264 Resp: 120427

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.3 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

