

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016474.D
 Acq On : 18 Aug 2018 15:18
 Operator : SJ/JU
 Sample : J4521-27
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11988

Quant Time: Aug 20 01:59:54 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

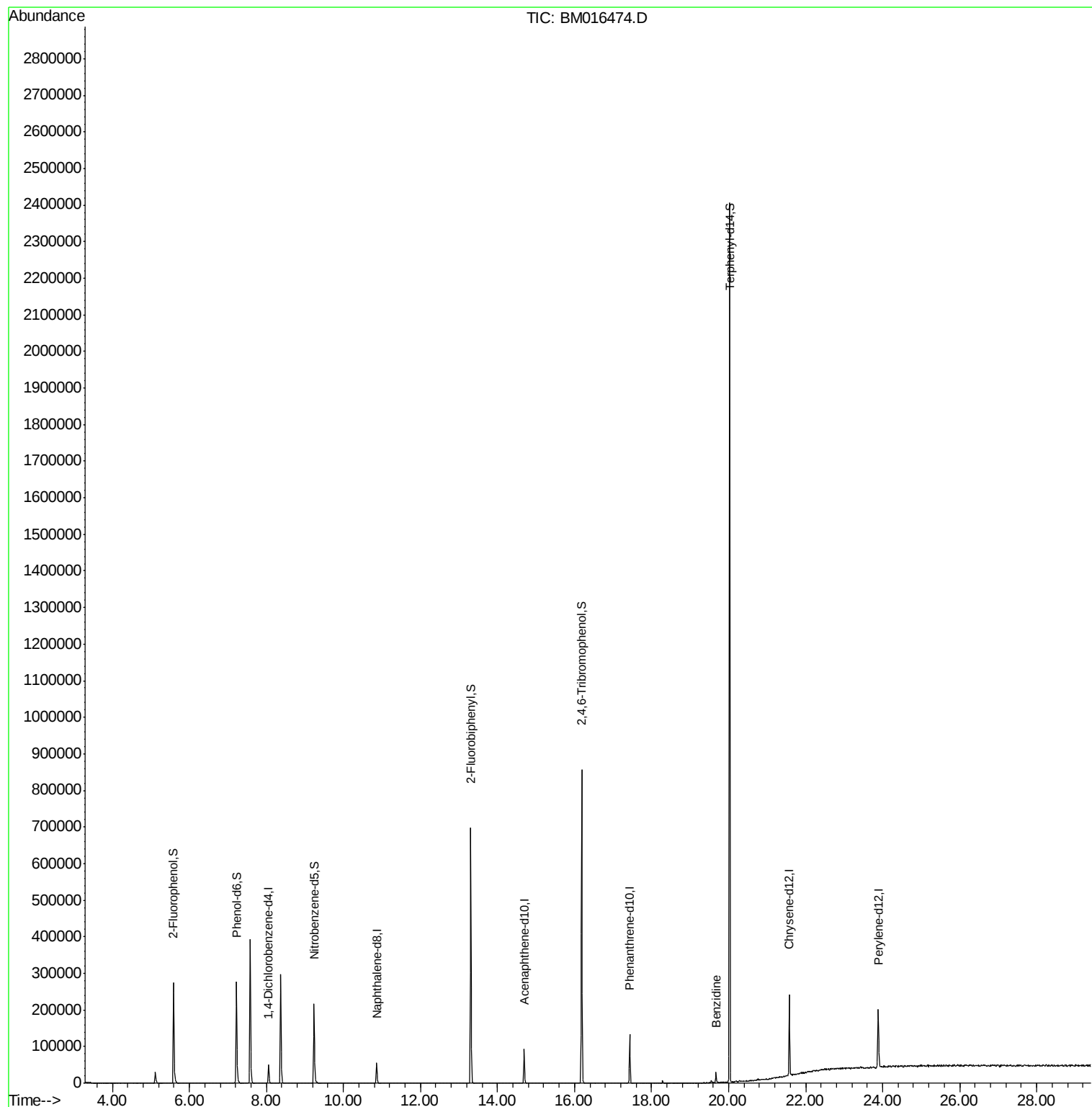
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	9598	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	36035	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	22379	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	59066	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	85543	20.00	ng	0.00
86) Perylene-d12	23.88	264	99816	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	79648	139.46	ng	0.00
7) Phenol-d6	7.22	99	90269	117.59	ng	-0.01
23) Nitrobenzene-d5	9.24	82	95495	110.37	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	63022	186.45	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	228545	106.19	ng	-0.01
78) Terphenyl-d14	20.03	244	673006	118.91	ng	0.00
Target Compounds						
76) Benzidine	19.67	184	15755	8.368	ng	Qvalue # 96

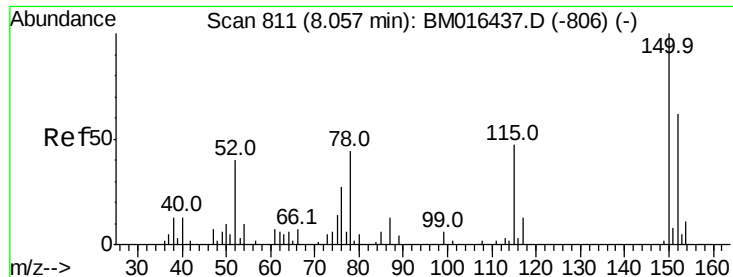
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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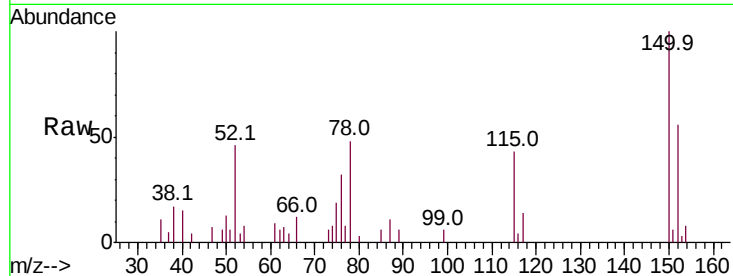


#1

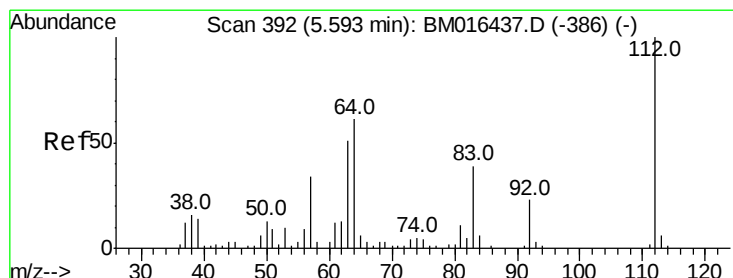
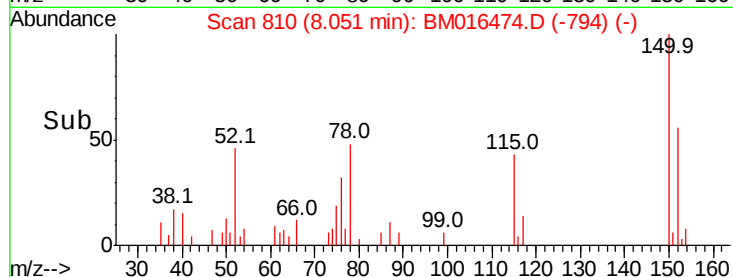
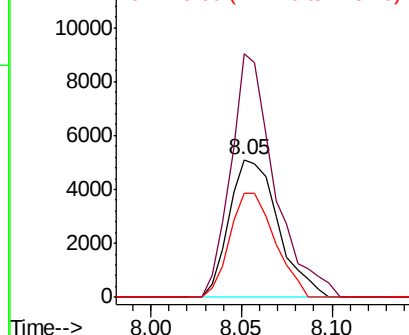
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Instrument :
BNA_M
ClientSampleId :
72-11988

Tot Ion:152 Resp: 9598
Ion Ratio Lower Upper
152 100
150 177.2 119.5 179.3
115 75.8 43.0 64.4#



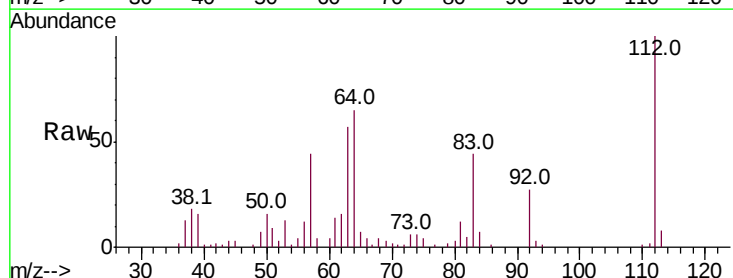
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



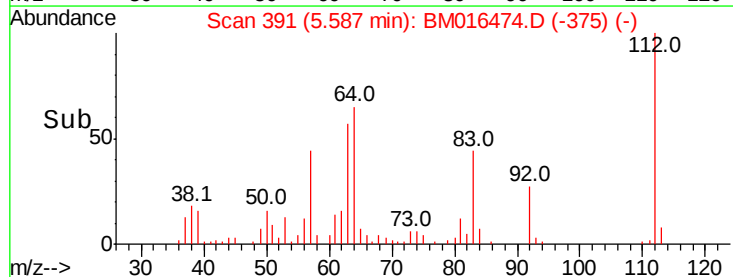
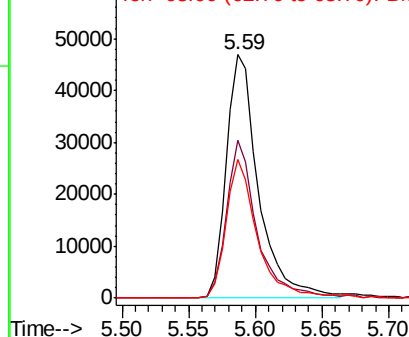
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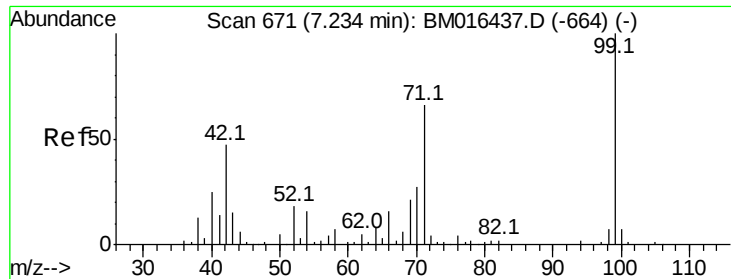
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Tgt Ion:112 Resp: 79648
Ion Ratio Lower Upper
112 100
64 64.7 38.6 57.8#
63 56.8 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: N.D. ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016474.D

Acq: 18 Aug 2018 15:18

Instrument :

BNA_M

ClientSampleId :

72-11988

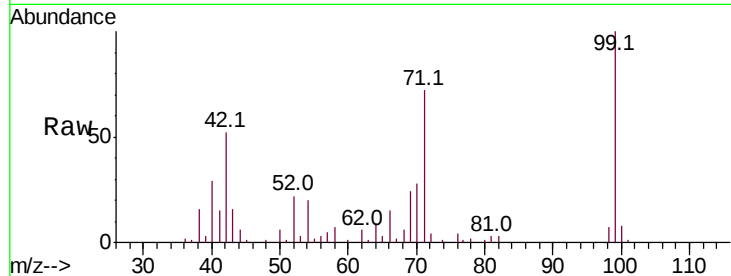
Tot Ion: 99 Resp: 90269

Ion Ratio Lower Upper

99 100

42 52.3 11.0 16.4#

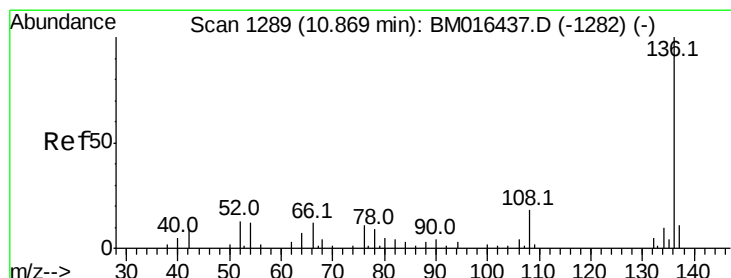
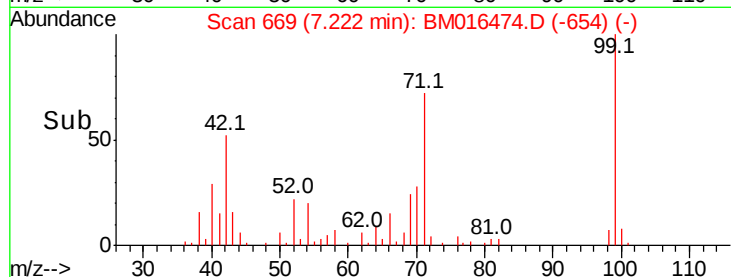
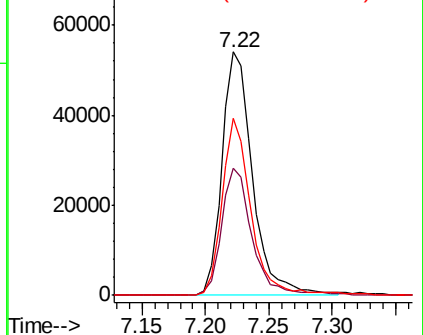
71 72.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016474.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016474.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016474.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM016474.D

Acq: 18 Aug 2018 15:18

Tgt Ion: 136 Resp: 36035

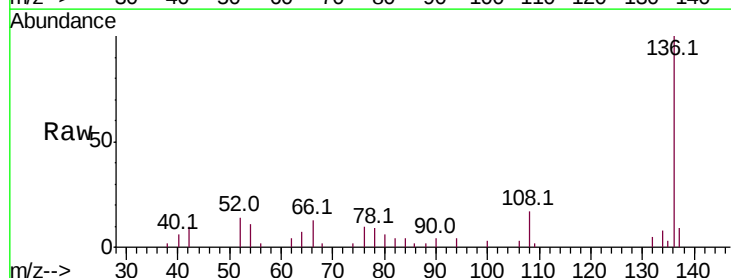
Ion Ratio Lower Upper

136 100

137 8.9 8.7 13.1

54 11.5 4.6 6.8#

68 1.7 3.7 5.5#

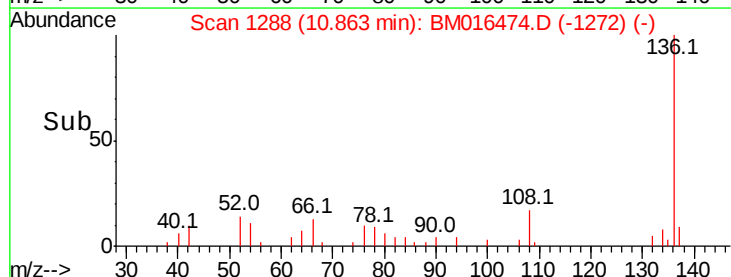
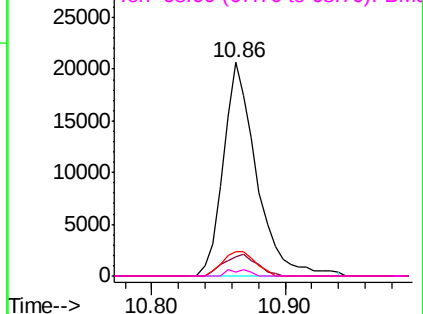


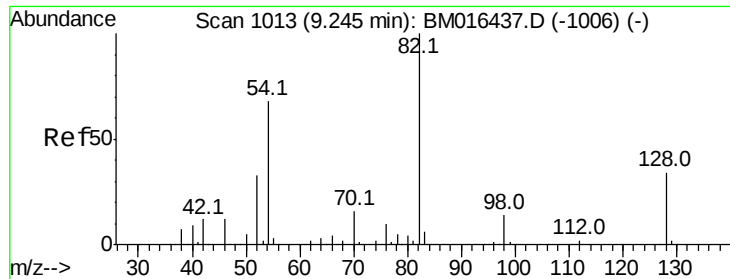
Abundance Ion 136.00 (135.70 to 136.70): BM016474.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016474.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016474.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016474.D (-1272) (-)

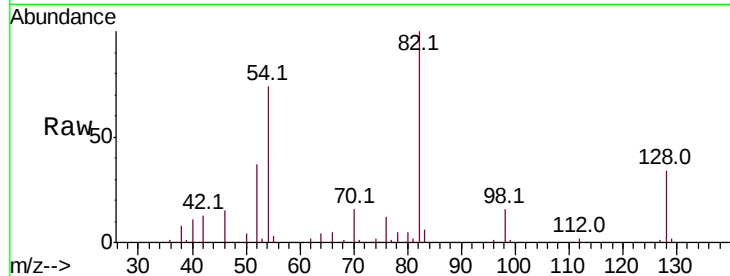




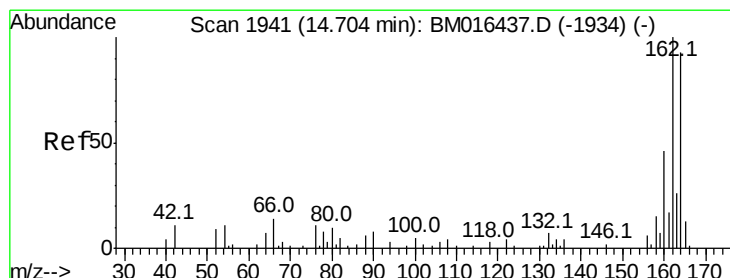
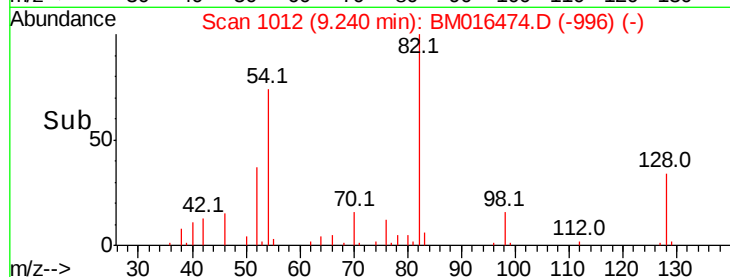
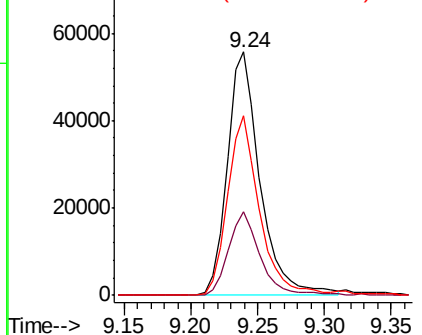
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Instrument :
BNA_M
ClientSampleId :
72-11988

Tot Ion: 82 Resp: 95495
Ion Ratio Lower Upper
82 100
128 34.2 32.8 49.2
54 73.9 40.6 60.8#

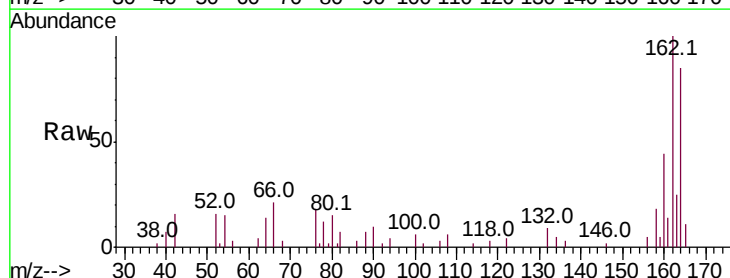


Abundance Ion 82.00 (81.70 to 82.70): BM016437.D (-1006) (-)
Ion 128.00 (127.70 to 128.70): BM016437.D (-1006) (-)
Ion 54.00 (53.70 to 54.70): BM016437.D (-1006) (-)

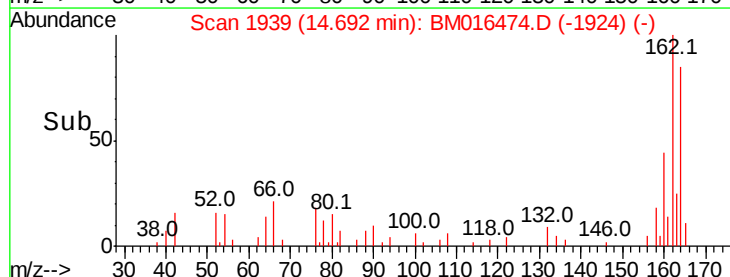
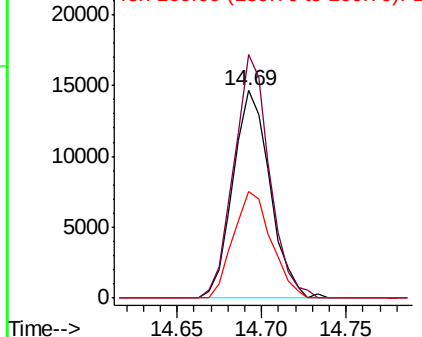


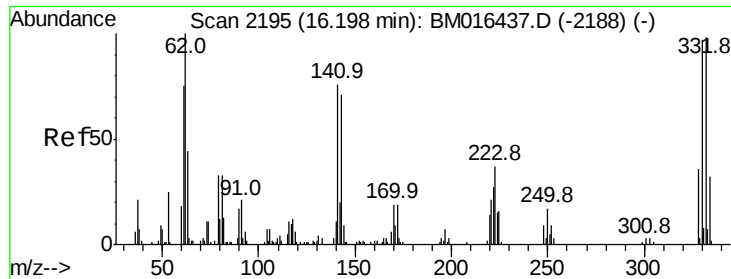
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Tgt Ion:164 Resp: 22379
Ion Ratio Lower Upper
164 100
162 117.2 82.4 123.6
160 51.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016437.D (-1934) (-)
Ion 162.00 (161.70 to 162.70): BM016437.D (-1934) (-)
Ion 160.00 (159.70 to 160.70): BM016437.D (-1934) (-)

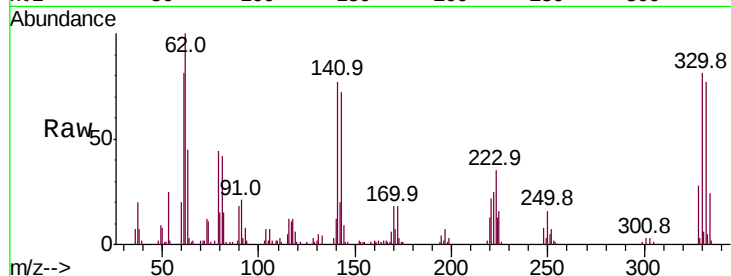




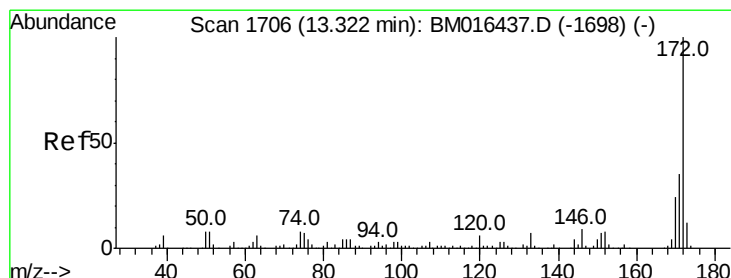
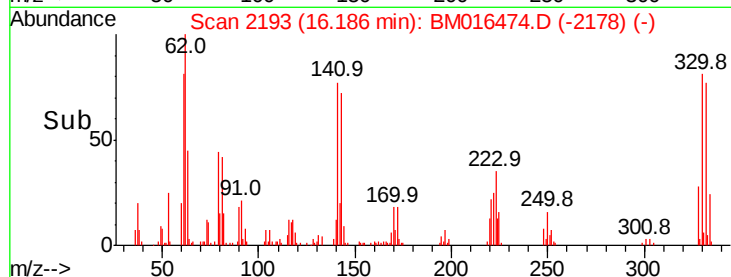
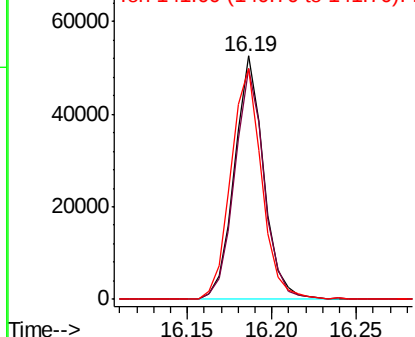
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016474.D
 Acq: 18 Aug 2018 15:18

Instrument :
 BNA_M
 ClientSampleId :
 72-11988

Tot Ion:330 Resp: 63022
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 100.5 0.0 0.0#

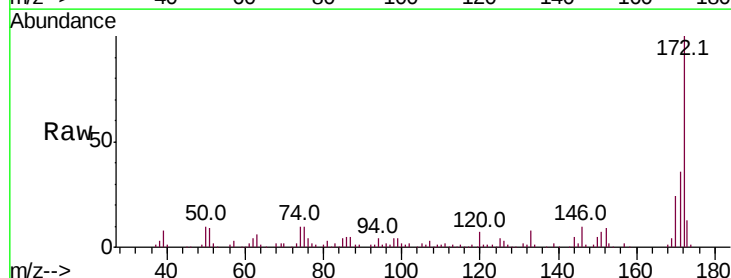


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

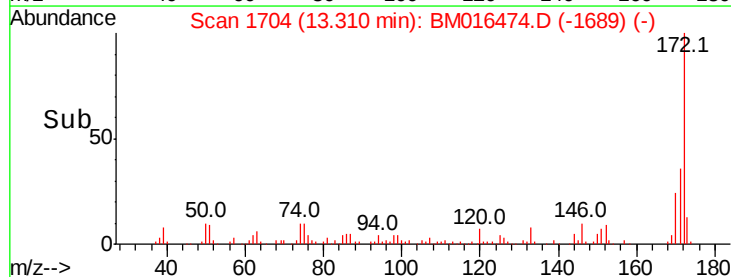
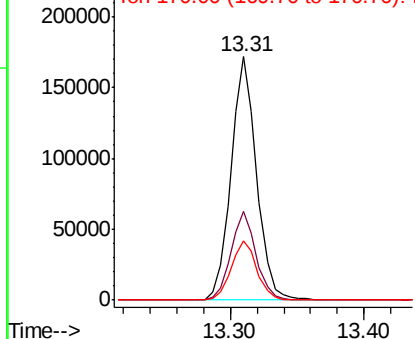


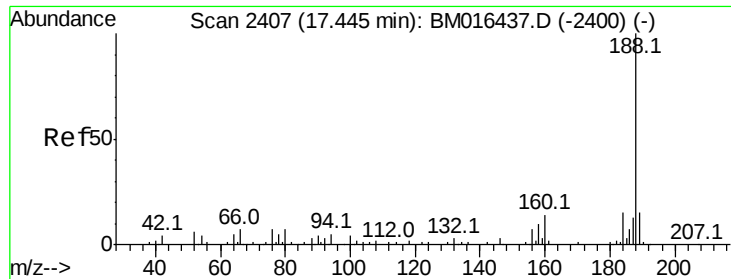
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016474.D
 Acq: 18 Aug 2018 15:18

Tgt Ion:172 Resp: 228545
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.2 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

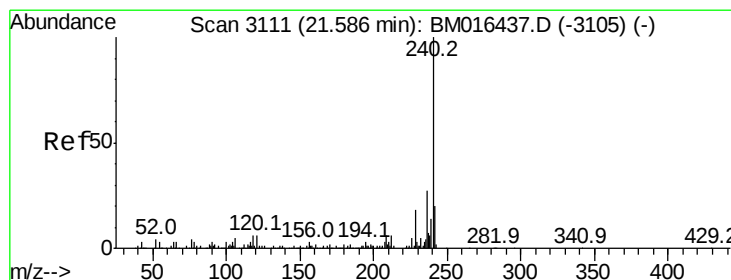
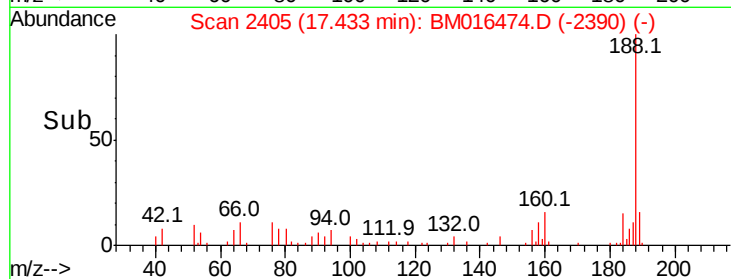
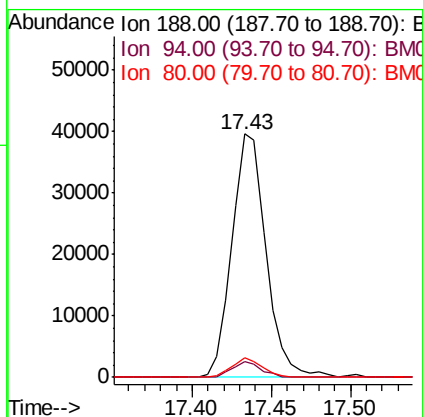
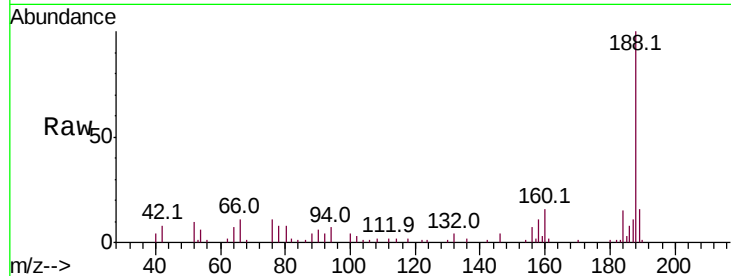




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

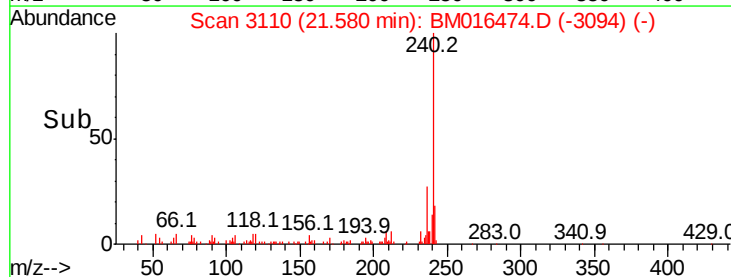
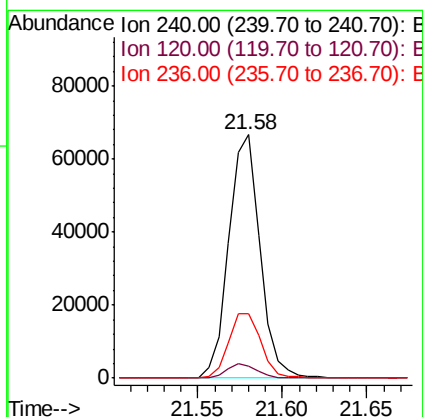
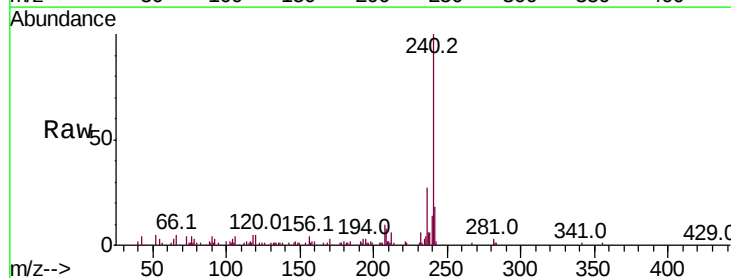
Instrument :
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72-11988

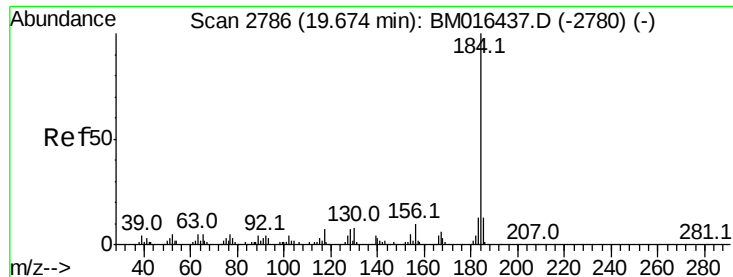
Tot Ion:188 Resp: 59066
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Tgt Ion:240 Resp: 85543
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 26.6 20.0 30.0

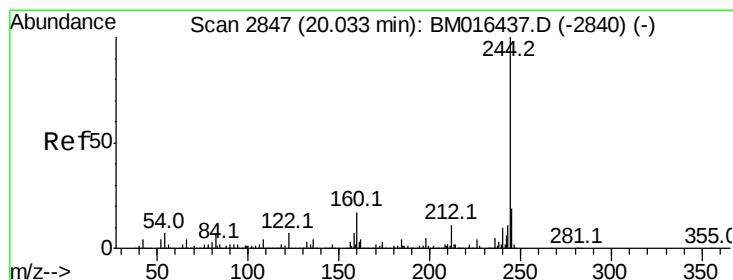
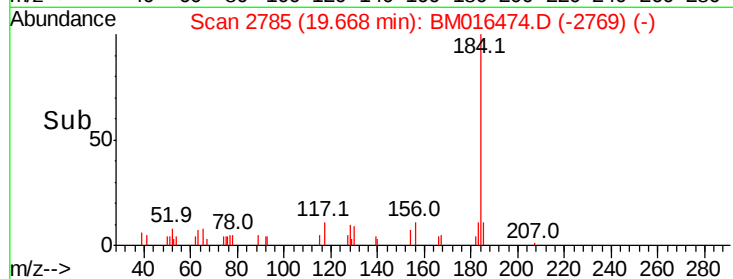
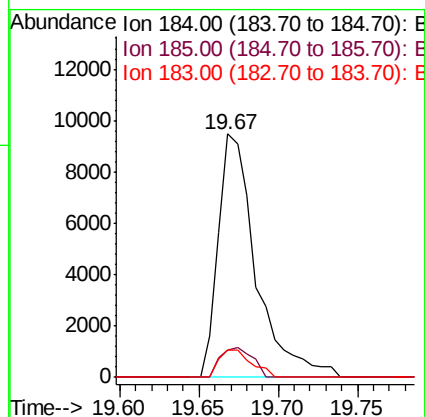
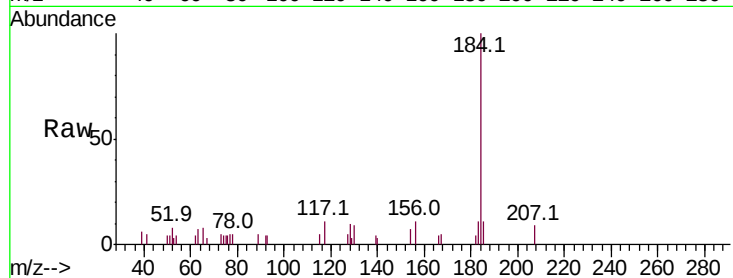




#76
Benzidine
Concen: 8.368 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

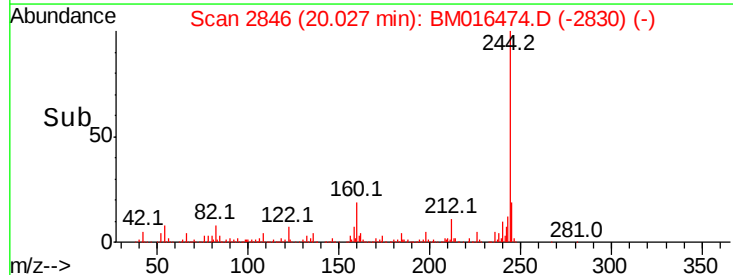
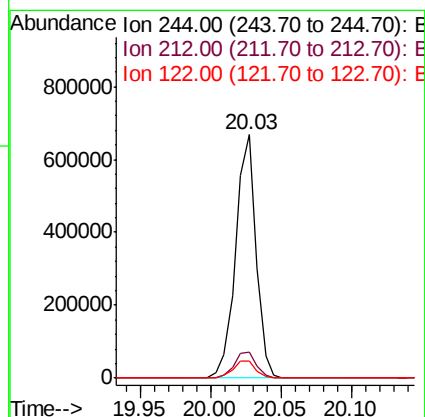
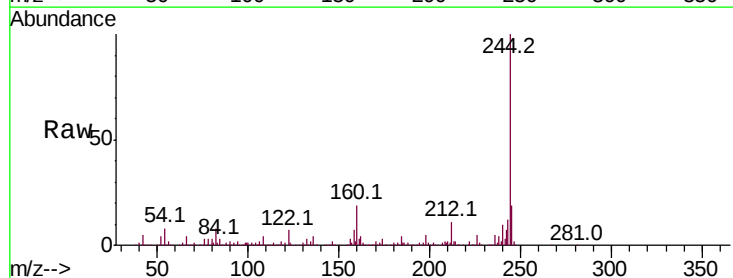
Instrument :
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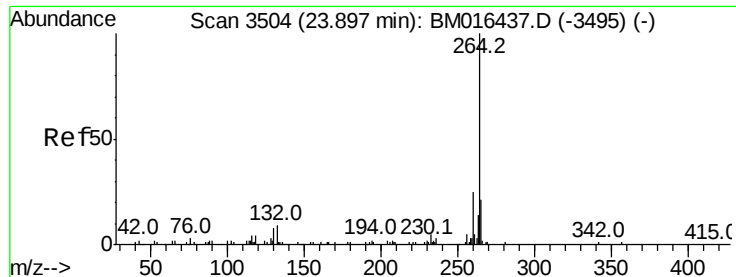
Tot Ion:184 Resp: 15755
Ion Ratio Lower Upper
184 100
185 11.1 11.3 16.9#
183 11.4 8.9 13.3



#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Tgt Ion:244 Resp: 673006
Ion Ratio Lower Upper
244 100
212 10.8 4.9 7.3#
122 6.9 6.2 9.4

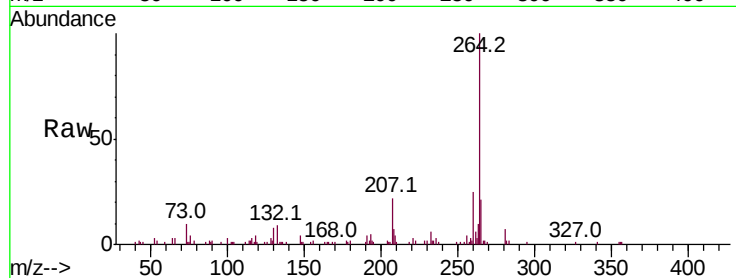




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.88 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BM016474.D
Acq: 18 Aug 2018 15:18

Instrument :
BNA_M
ClientSampleId :
72-11988

Tot Ion:	264	Resp:	99816
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	20.7	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

