

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016345.D
 Acq On : 14 Aug 2018 04:22
 Operator : SJ/JU
 Sample : J4447-45
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-10

Quant Time: Aug 14 05:22:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21312	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	69840	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	31197	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	64151	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	76530	20.00	ng	-0.02
86) Perylene-d12	23.95	264	90629	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	181806	141.70	ng	-0.01
7) Phenol-d6	7.29	99	181241	108.17	ng	-0.01
23) Nitrobenzene-d5	9.30	82	181021	120.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	58183	147.05	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	309301	120.63	ng	-0.02
78) Terphenyl-d14	20.07	244	470977	128.82	ng	-0.02

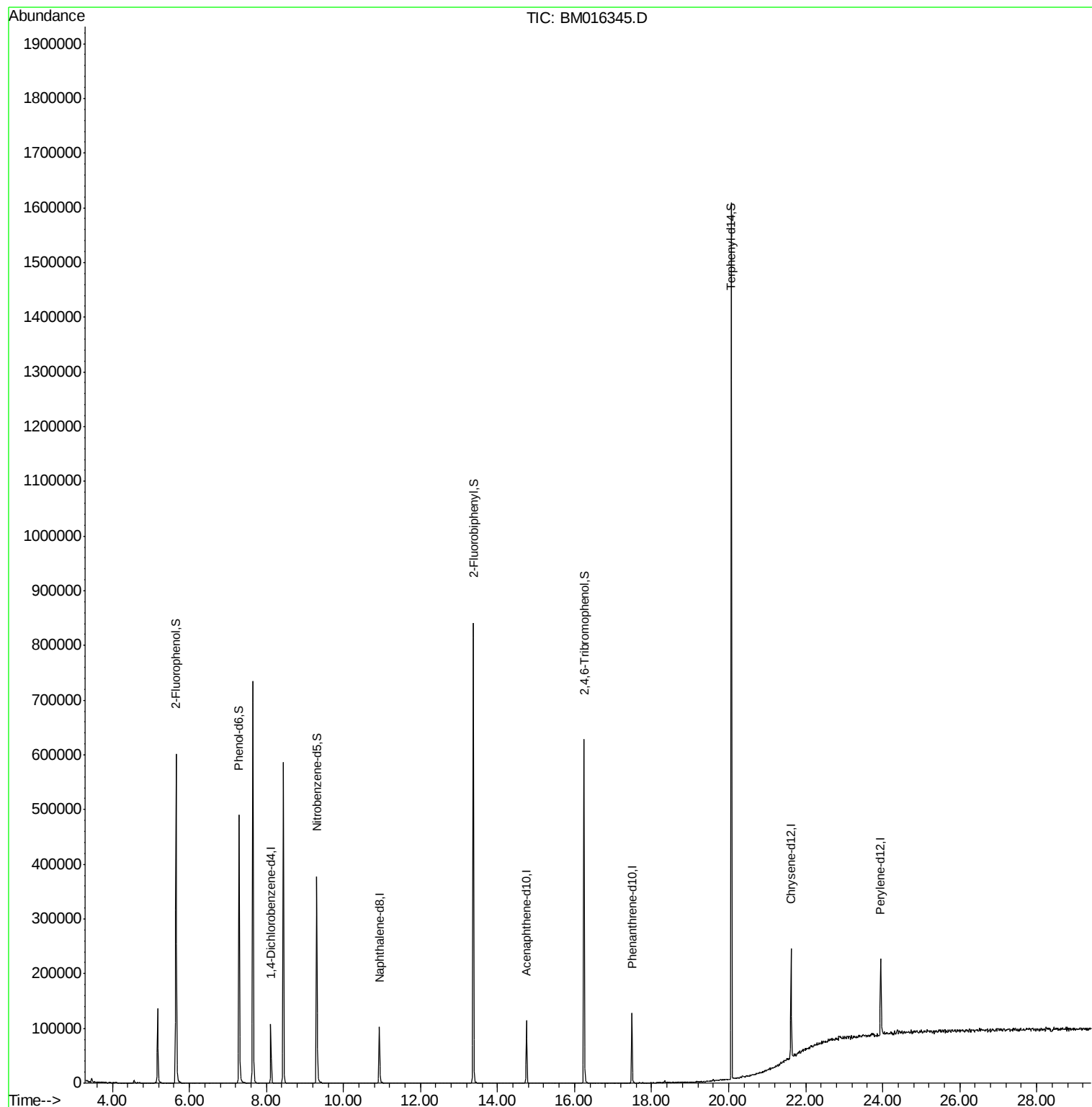
Target Compounds	Qvalue
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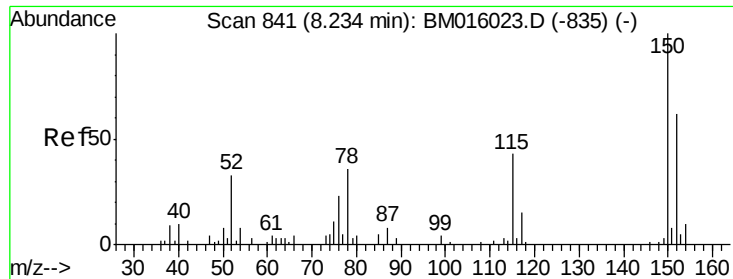
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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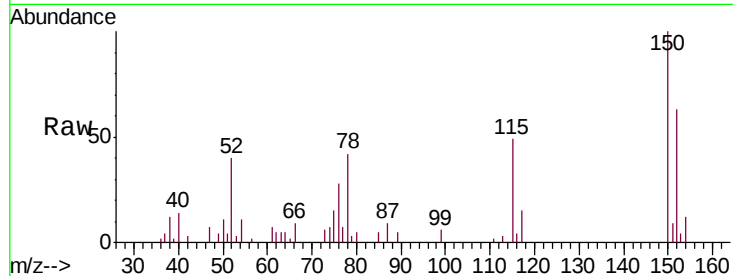


#1

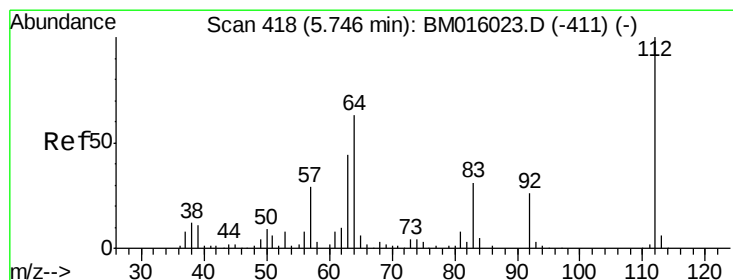
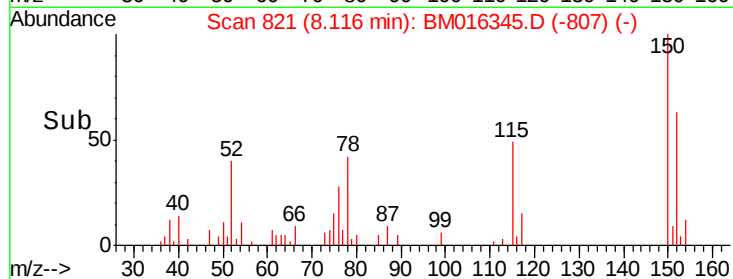
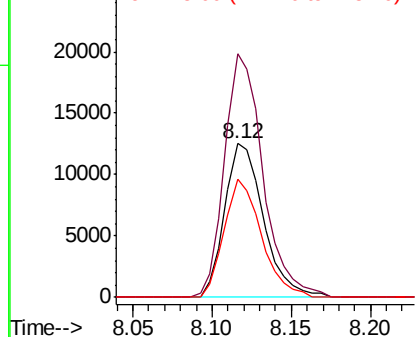
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.02 min
Lab File: BM016345.D
Acq: 14 Aug 2018 04:22

Instrument :
BNA_M
ClientSampleId :
SP-1-10

Tgt Ion:152 Resp: 21312
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 77.3 43.0 64.4#



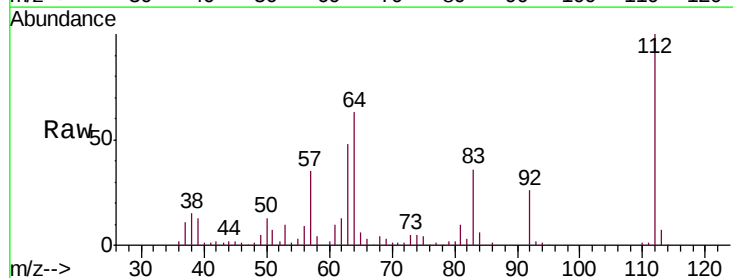
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



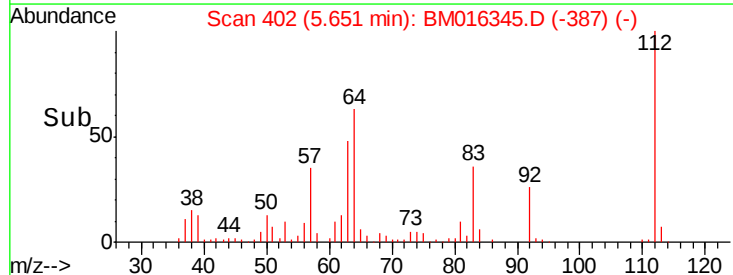
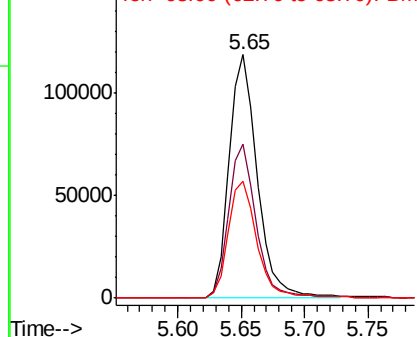
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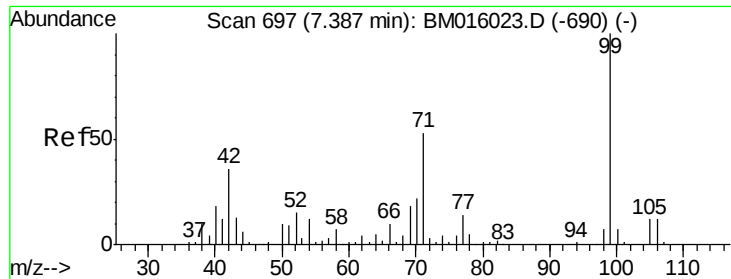
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016345.D
Acq: 14 Aug 2018 04:22

Tgt Ion:112 Resp: 181806
Ion Ratio Lower Upper
112 100
64 63.0 38.6 57.8#
63 47.9 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: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM016345.D

Acq: 14 Aug 2018 04:22

Instrument :

BNA_M

ClientSampled :

SP-1-10

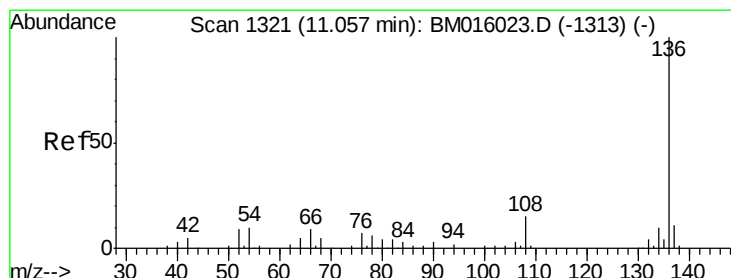
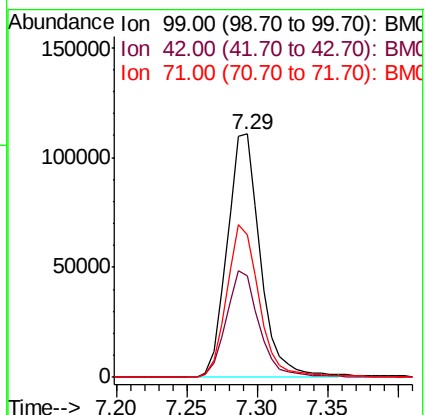
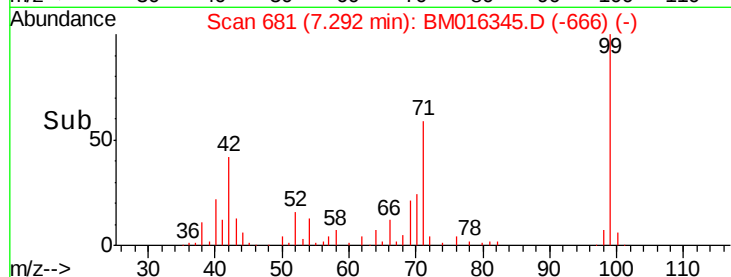
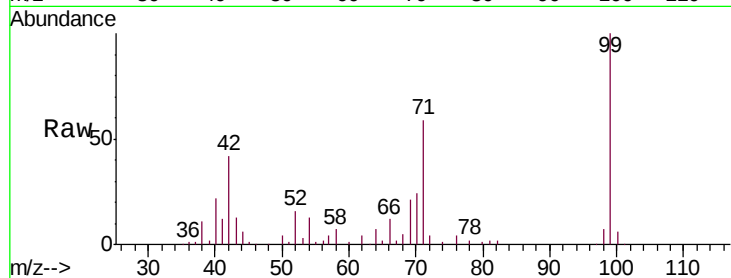
Tgt Ion: 99 Resp: 181241

Ion Ratio Lower Upper

99 100

42 41.6 11.0 16.4#

71 58.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM016345.D

Acq: 14 Aug 2018 04:22

Tgt Ion: 136 Resp: 69840

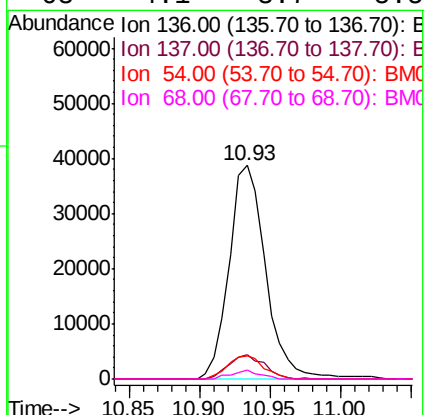
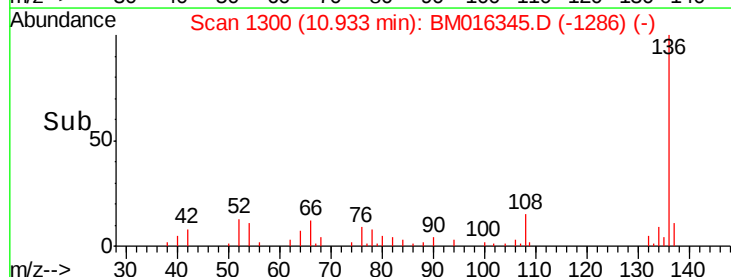
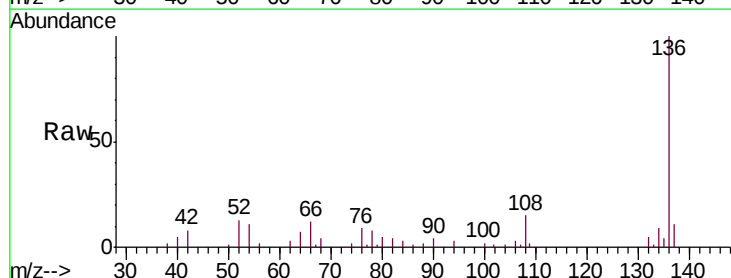
Ion Ratio Lower Upper

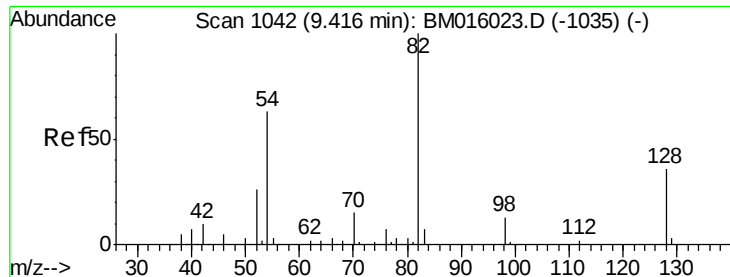
136 100

137 11.1 8.7 13.1

54 10.9 4.6 6.8#

68 4.1 3.7 5.5

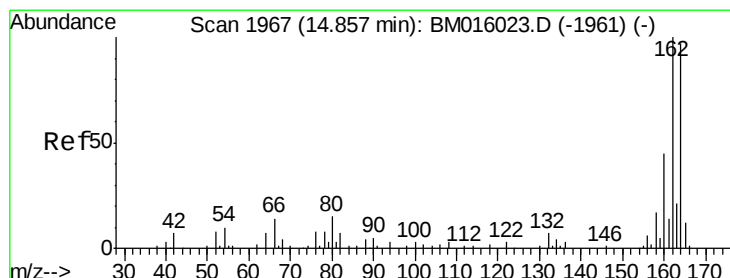
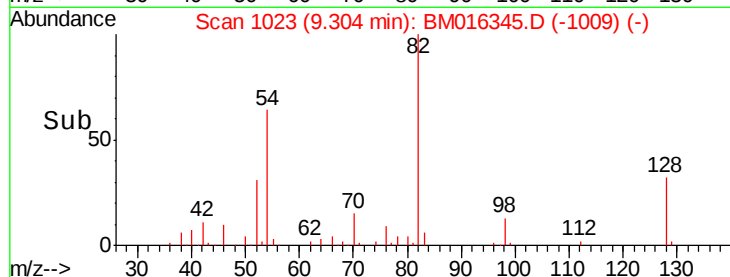
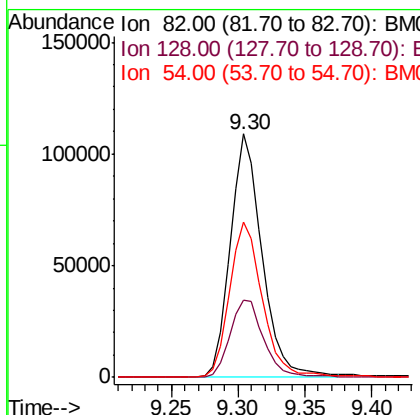
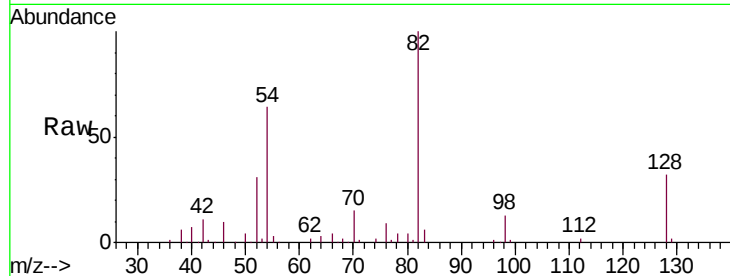




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BM016345.D
 Acq: 14 Aug 2018 04:22

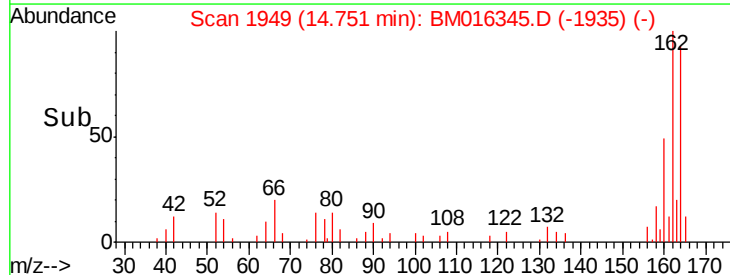
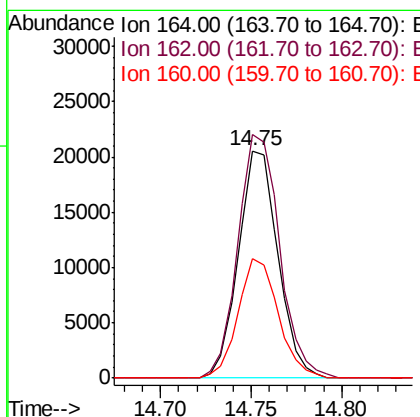
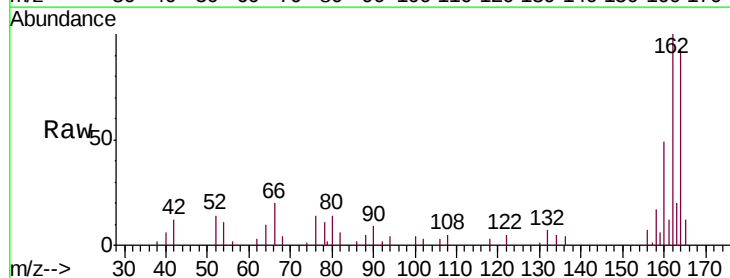
Instrument :
 BNA_M
 ClientSampled :
 SP-1-10

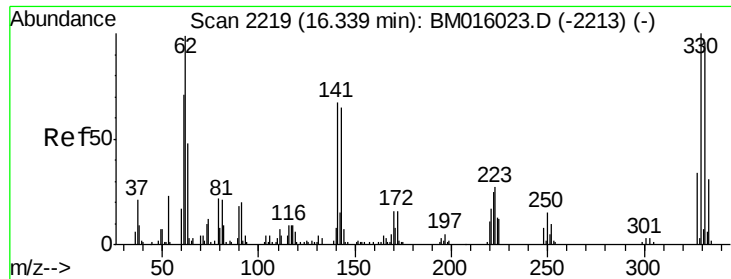
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	32.8	49.2#
54	63.9	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BM016345.D
 Acq: 14 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	52.6	35.8	53.6

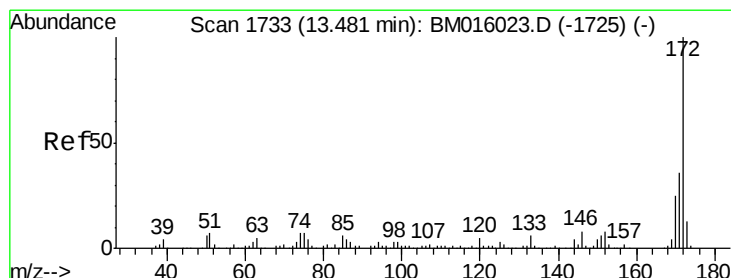
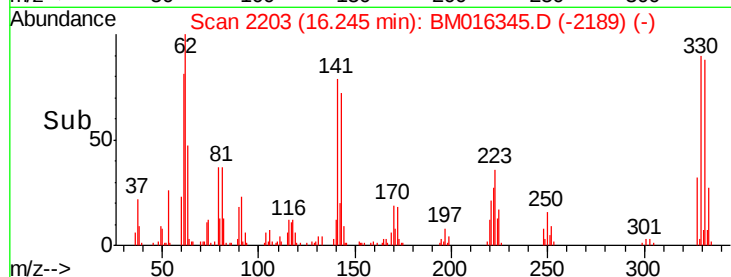
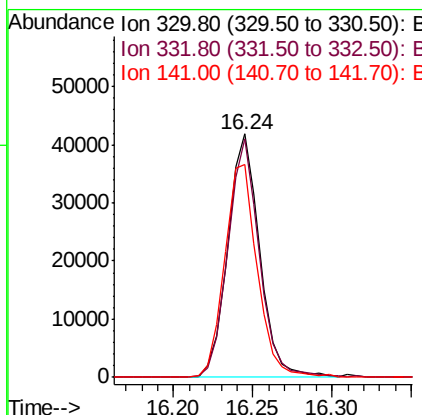
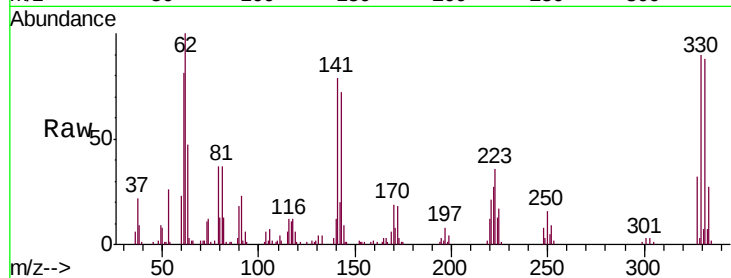




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM016345.D
 Acq: 14 Aug 2018 04:22

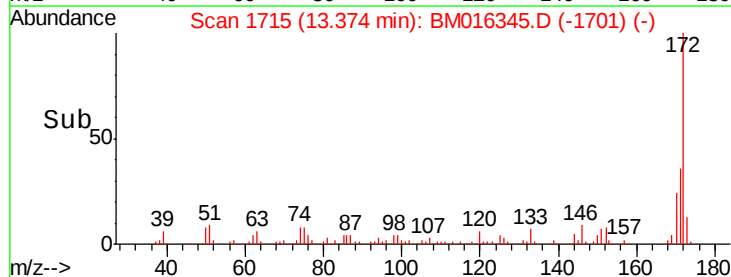
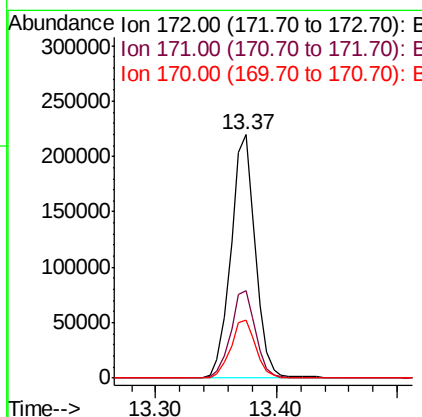
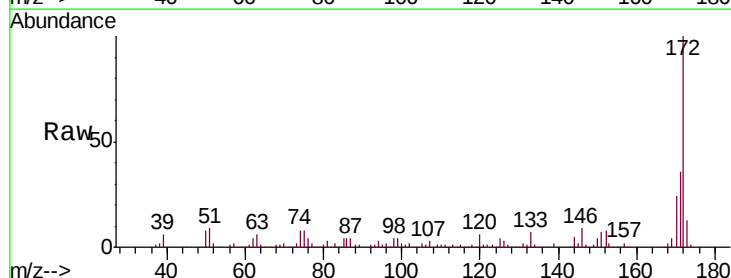
Instrument :
 BNA_M
 ClientSampled :
 SP-1-10

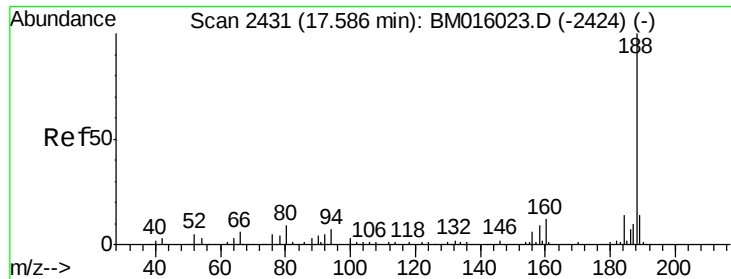
Tgt Ion: 330 Resp: 58183
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 90.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016345.D
 Acq: 14 Aug 2018 04:22

Tgt Ion: 172 Resp: 309301
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.0 18.8 28.2

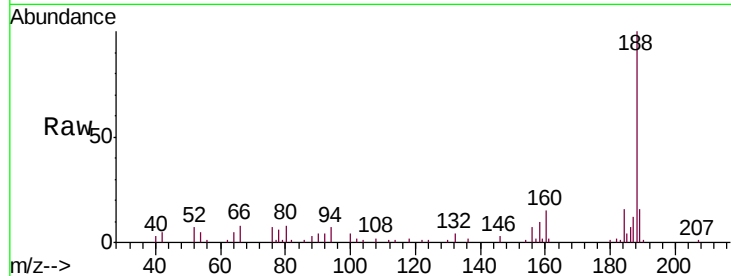




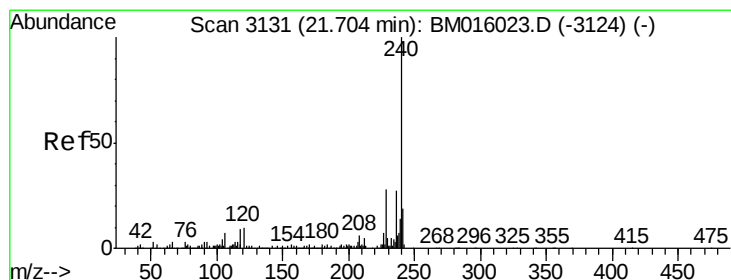
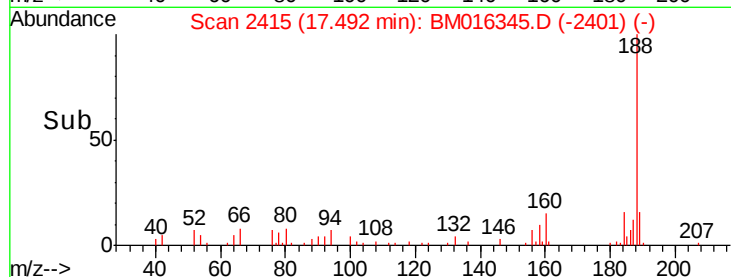
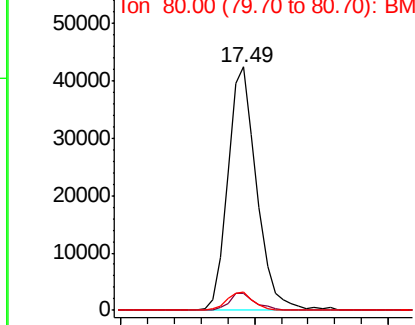
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016345.D
Acq: 14 Aug 2018 04:22

Instrument :
BNA_M
ClientSampled :
SP-1-10

Tgt Ion:188 Resp: 64151
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 7.6 9.3 13.9#

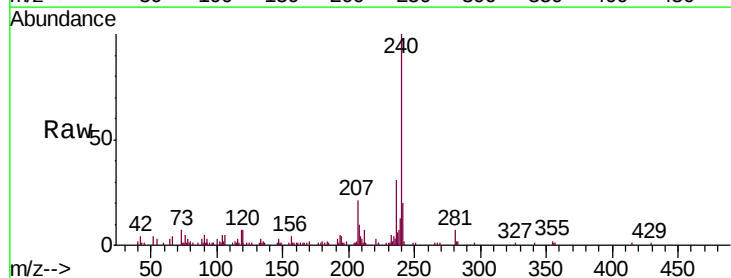


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

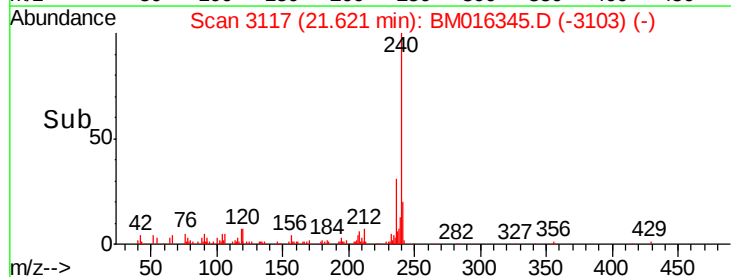
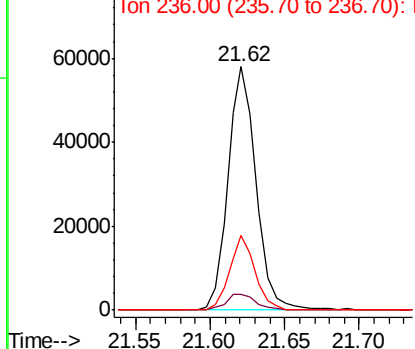


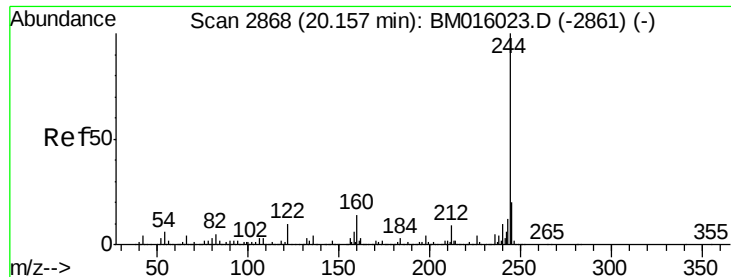
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016345.D
Acq: 14 Aug 2018 04:22

Tgt Ion:240 Resp: 76530
Ion Ratio Lower Upper
240 100
120 6.7 8.2 12.2#
236 30.7 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: 20.07 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BM016345.D

Acq: 14 Aug 2018 04:22

Instrument :

BNA_M

ClientSampleId :

SP-1-10

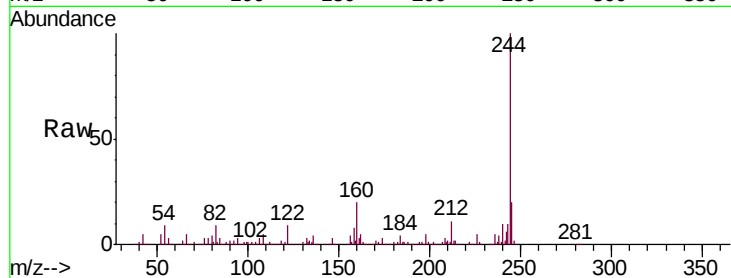
Tgt Ion:244 Resp: 470977

Ion Ratio Lower Upper

244 100

212 10.9 4.9 7.3#

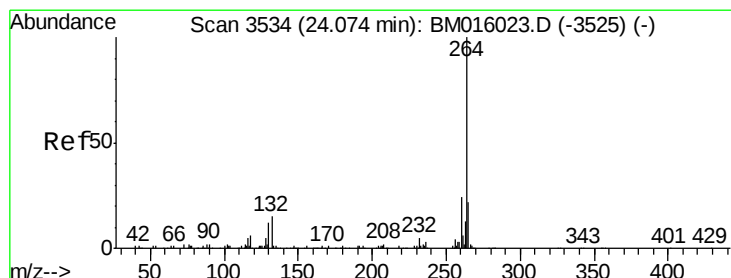
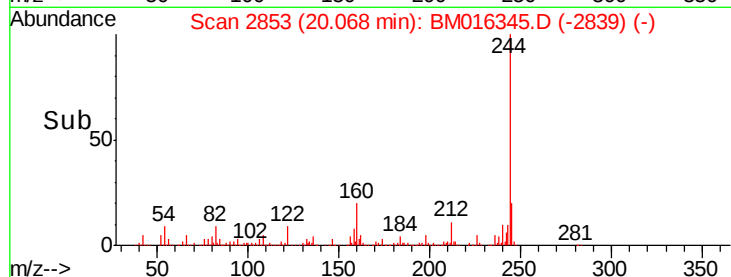
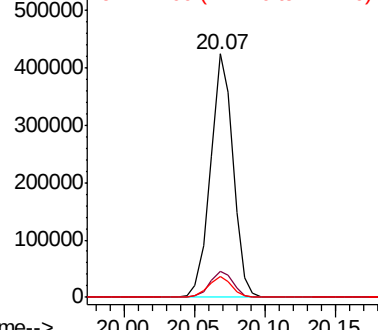
122 8.7 6.2 9.4



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: 23.95 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BM016345.D

Acq: 14 Aug 2018 04:22

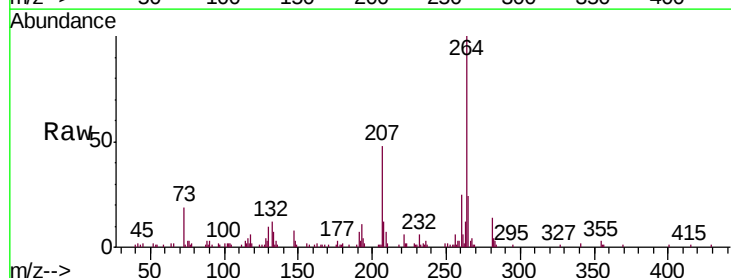
Tgt Ion:264 Resp: 90629

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 24.1 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

