

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016371.D
 Acq On : 15 Aug 2018 02:53
 Operator : SJ/JU
 Sample : J4445-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DSN-001A-081018

Quant Time: Aug 15 12:11:43 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

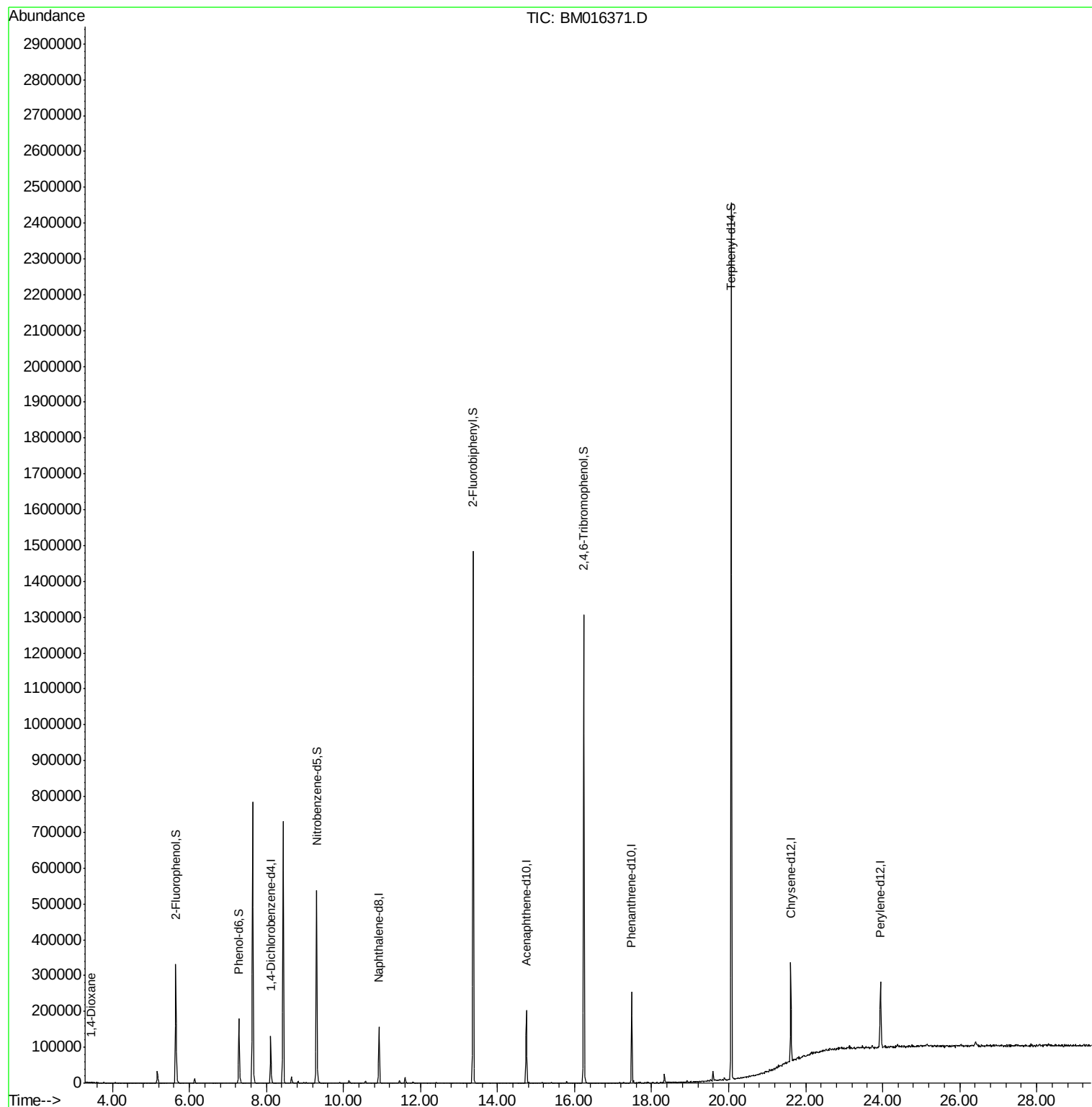
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	26575	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	101445	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	55028	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	114712	20.00	ng	0.00
75) Chrysene-d12	21.62	240	104234	20.00	ng	0.00
86) Perylene-d12	23.94	264	115656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	102910	64.33	ng	0.00
7) Phenol-d6	7.29	99	72704	34.80	ng	0.00
23) Nitrobenzene-d5	9.30	82	255220	117.02	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	120841	173.14	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	530964	117.40	ng	0.00
78) Terphenyl-d14	20.07	244	761765	152.98	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	1568	2.092	ng	Qvalue # 100

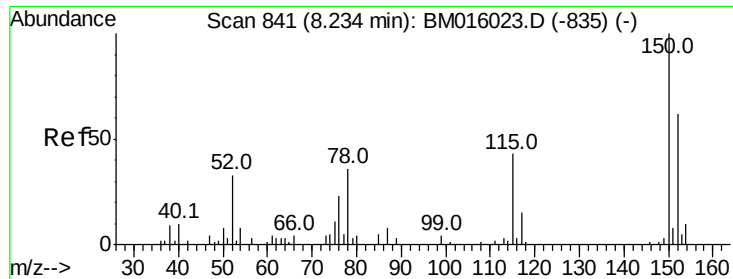
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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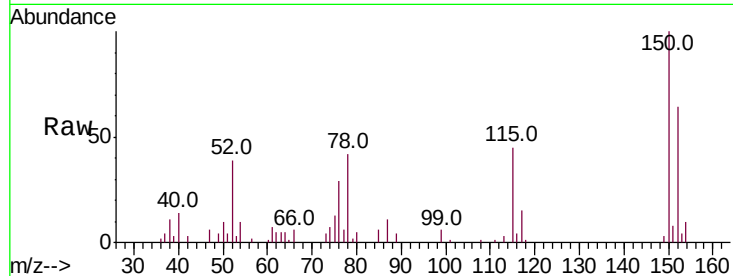


#1

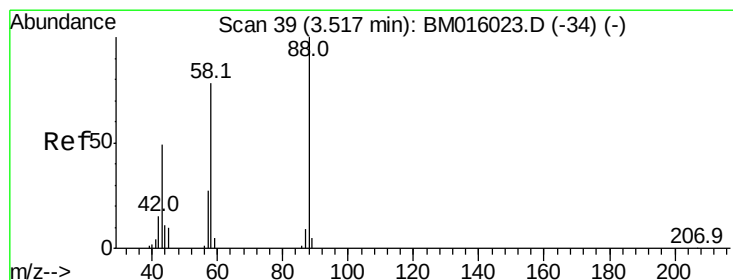
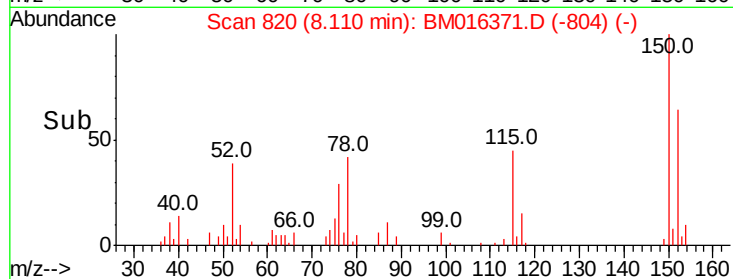
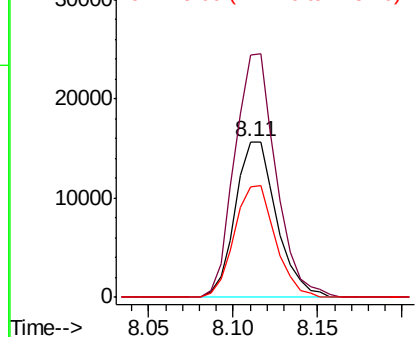
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Instrument :
BNA_M
ClientSampleId :
DSN-001A-081018

Tot Ion:152 Resp: 26575
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 70.8 43.0 64.4#



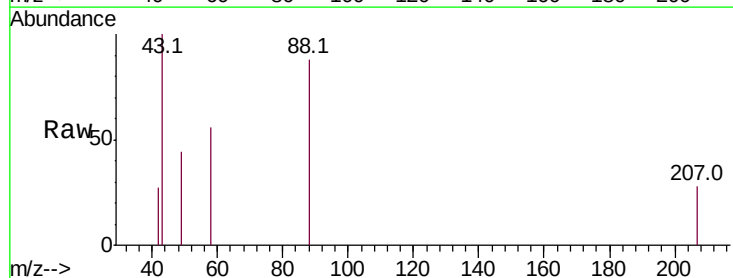
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



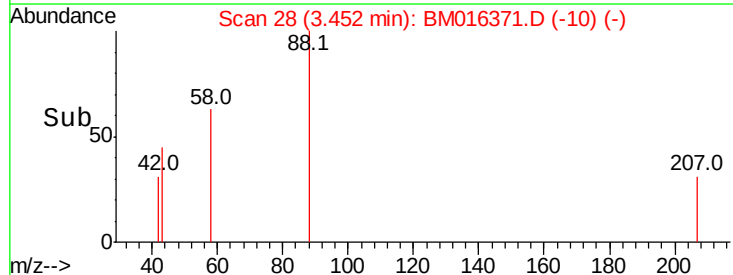
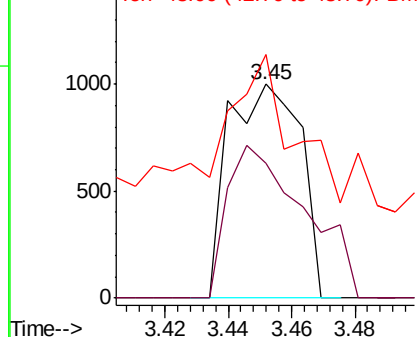
#2

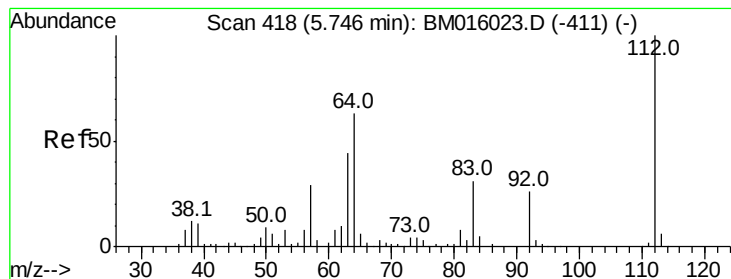
1,4-Dioxane
Concen: 2.092 ng
RT: 3.45 min Scan# 28
Delta R.T. 0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Tgt Ion: 88 Resp: 1568
Ion Ratio Lower Upper
88 100
58 77.1 0.0 0.0#
43 98.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: N.D. ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Instrument :

BNA_M

ClientSampleId :

DSN-001A-081018

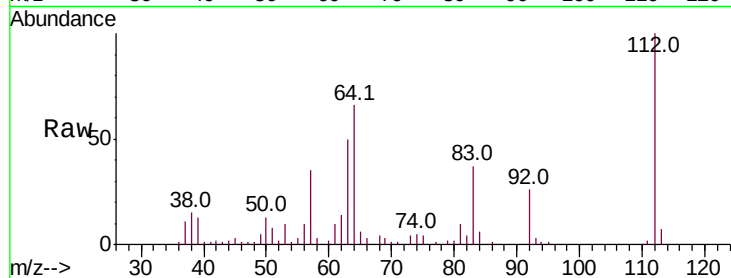
Tot Ion:112 Resp: 102910

Ion Ratio Lower Upper

112 100

64 66.0 38.6 57.8#

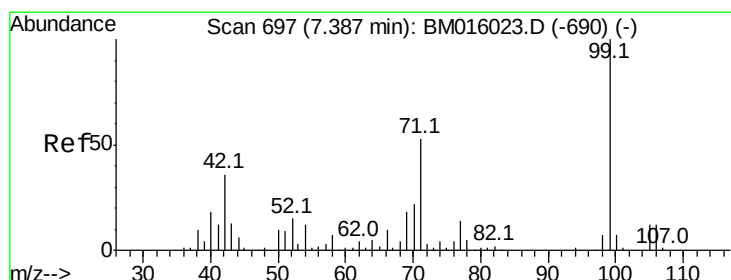
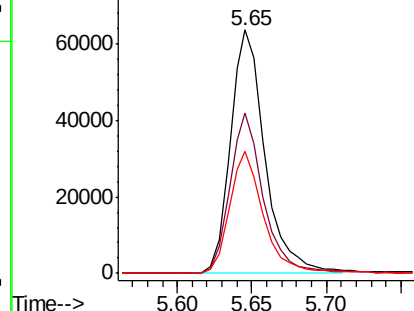
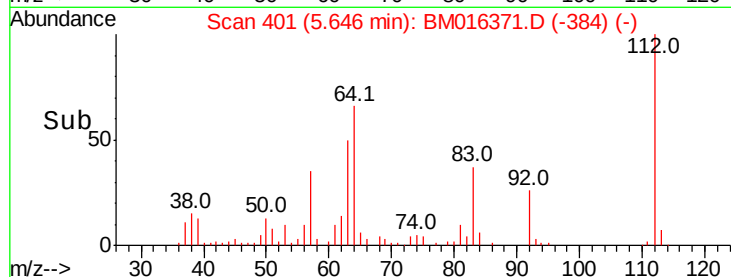
63 49.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

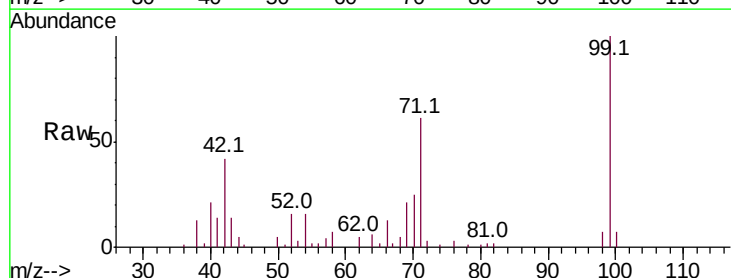
Tgt Ion: 99 Resp: 72704

Ion Ratio Lower Upper

99 100

42 42.4 11.0 16.4#

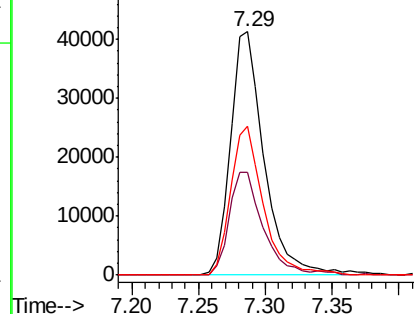
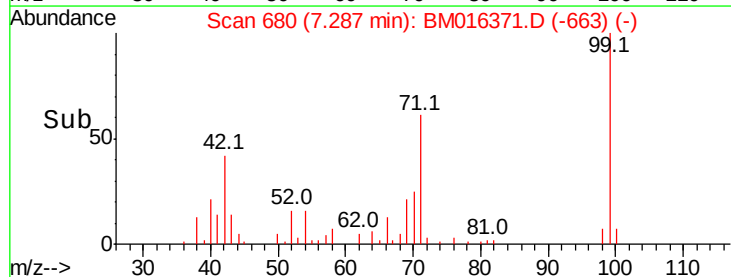
71 61.4 23.4 35.2#

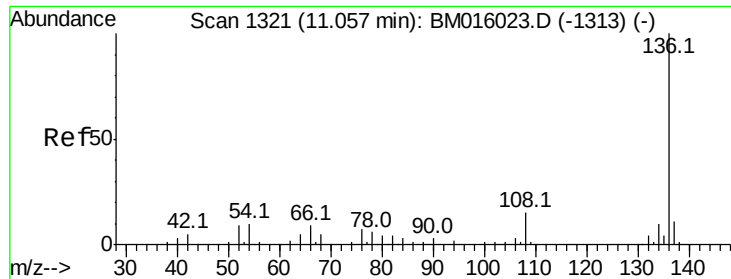


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

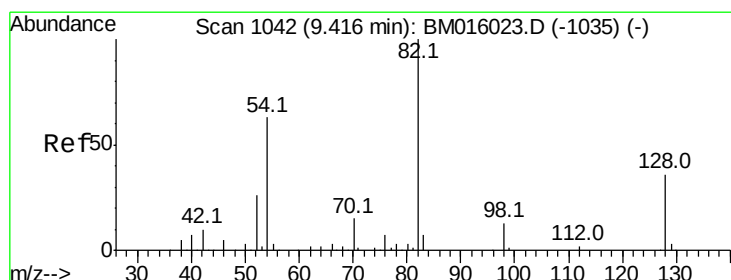
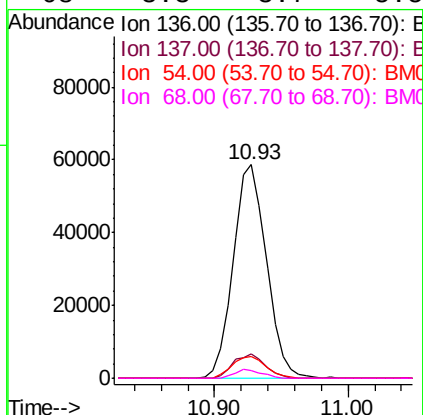
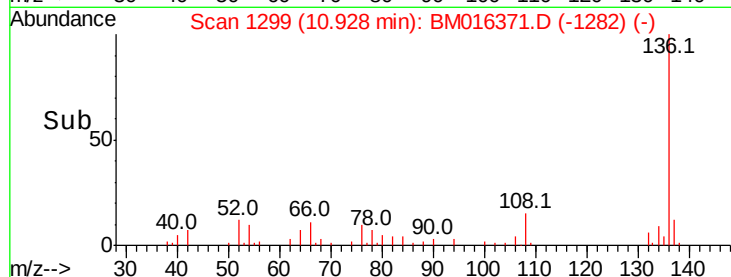
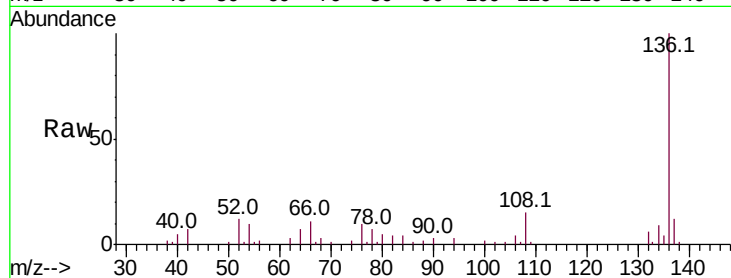




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

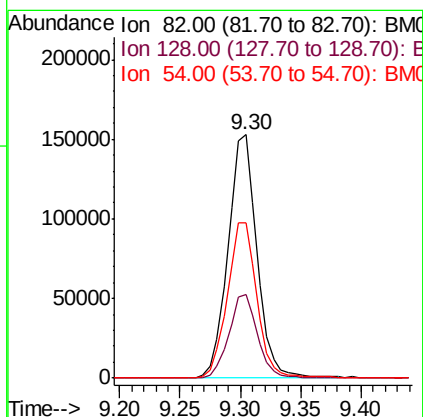
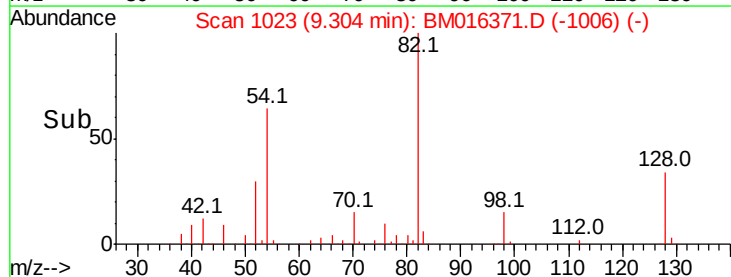
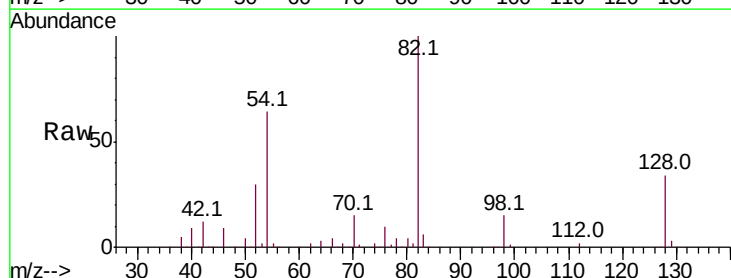
Instrument :
BNA_M
ClientSampleId :
DSN-001A-081018

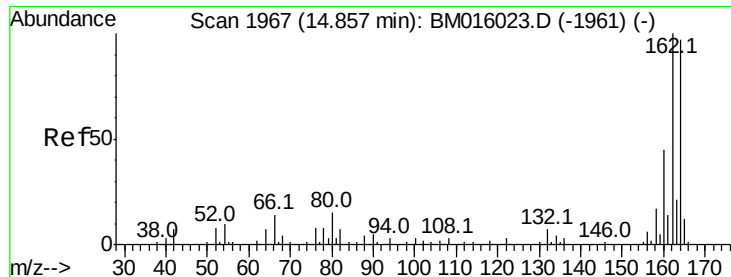
Tot Ion:	136	Resp:	101445
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.2	4.6	6.8#
68	3.3	3.7	5.5#



#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Tgt Ion:	82	Resp:	255220
Ion	Ratio	Lower	Upper
82	100		
128	34.4	32.8	49.2
54	63.7	40.6	60.8#

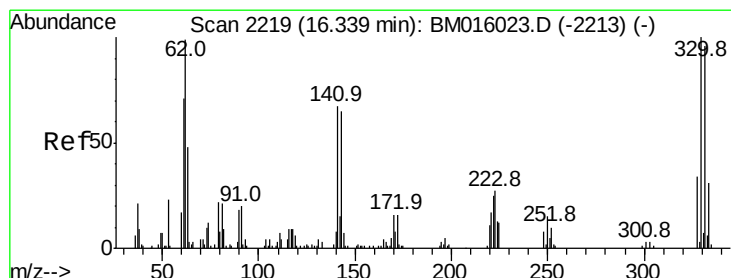
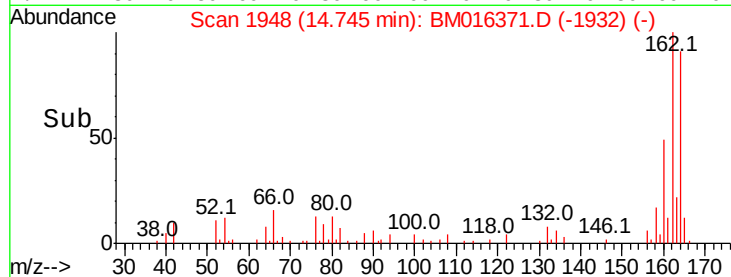
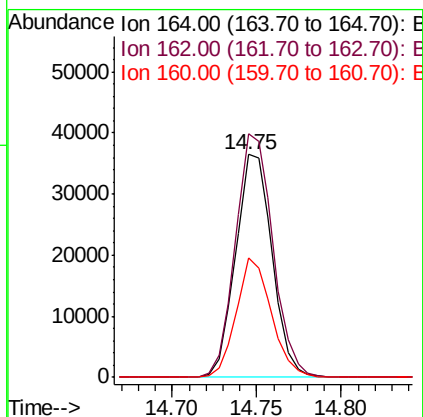
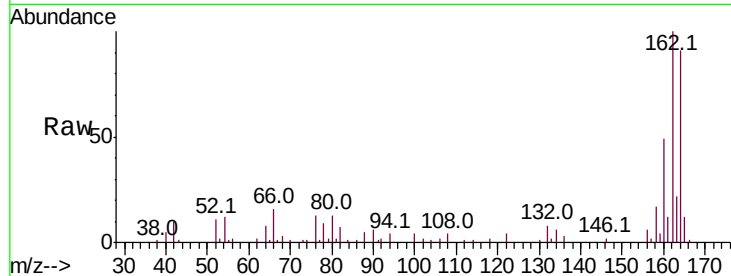




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

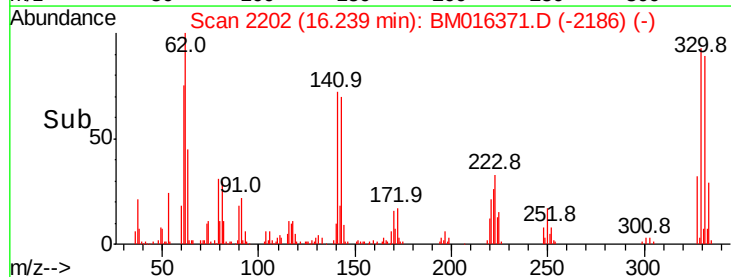
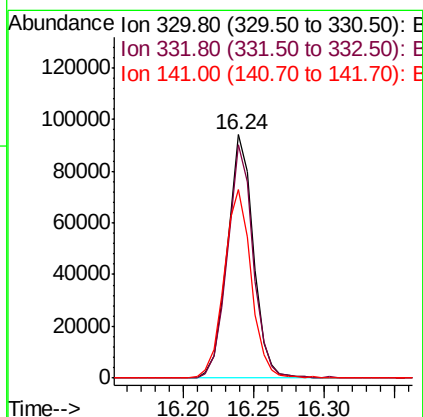
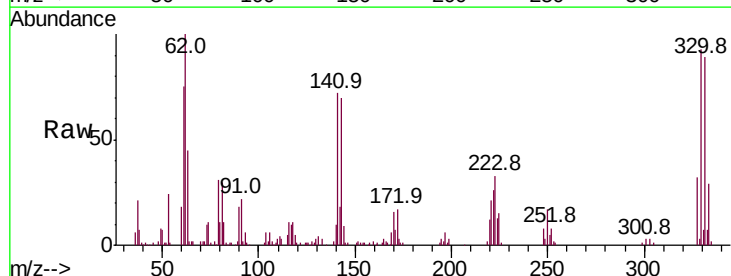
Instrument :
BNA_M
ClientSampleId :
DSN-001A-081018

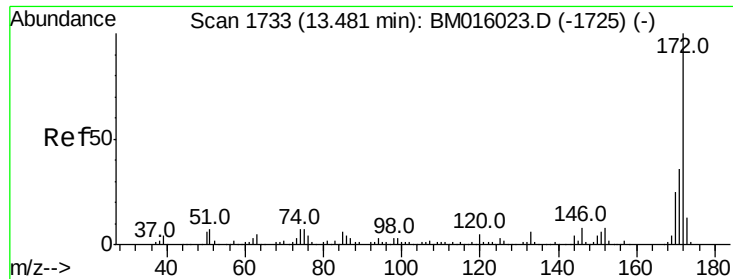
Tot Ion:164 Resp: 55028
Ion Ratio Lower Upper
164 100
162 109.4 82.4 123.6
160 53.8 35.8 53.6#



#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Tgt Ion:330 Resp: 120841
Ion Ratio Lower Upper
330 100
332 94.6 0.0 0.0#
141 80.7 0.0 0.0#

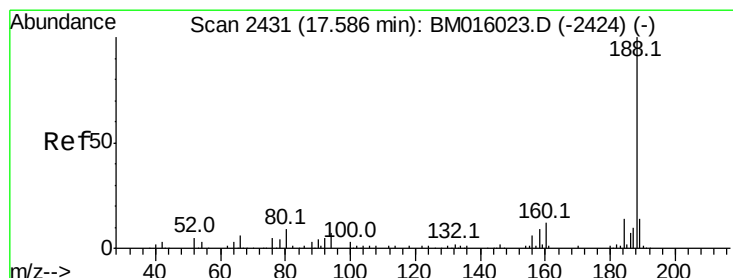
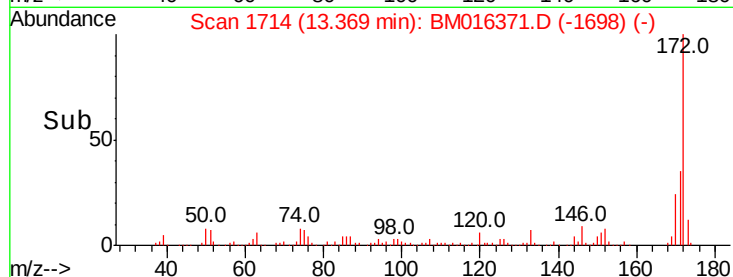
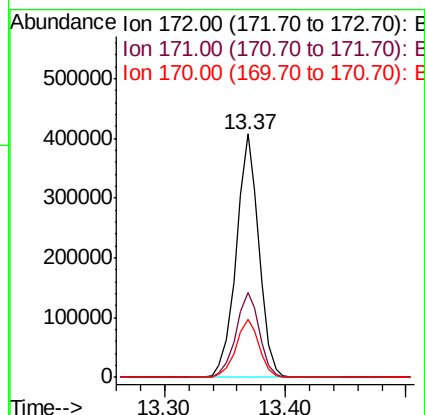
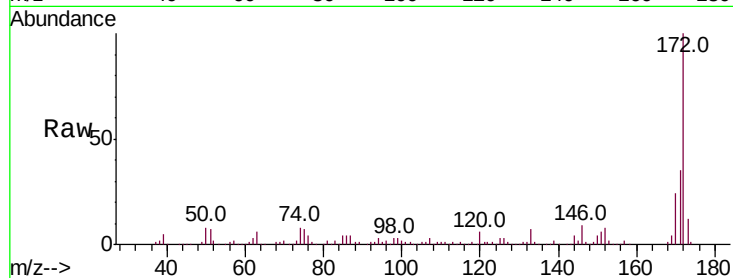




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016371.D
 Acq: 15 Aug 2018 02:53

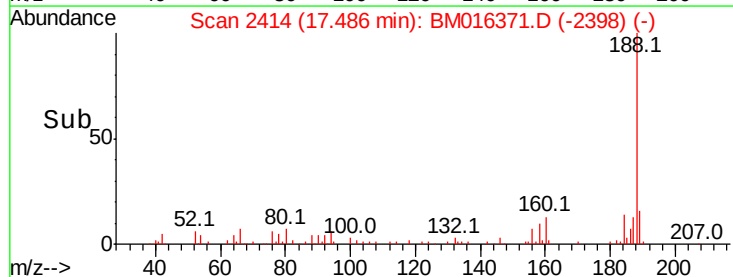
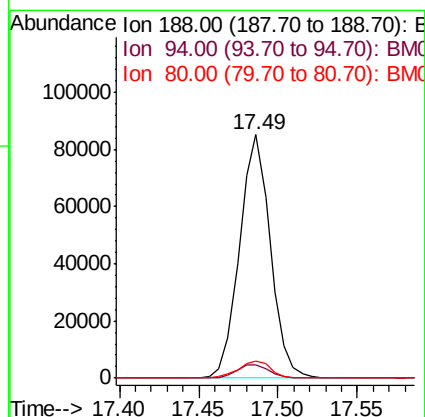
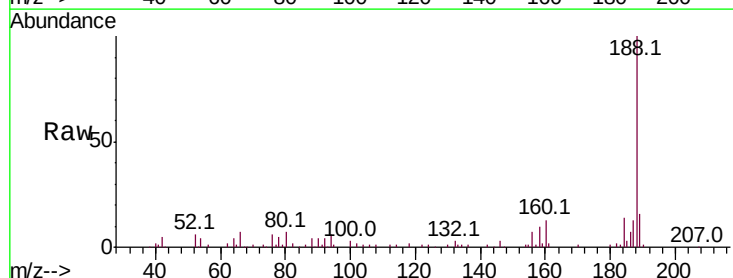
Instrument :
 BNA_M
 ClientSampleId :
 DSN-001A-081018

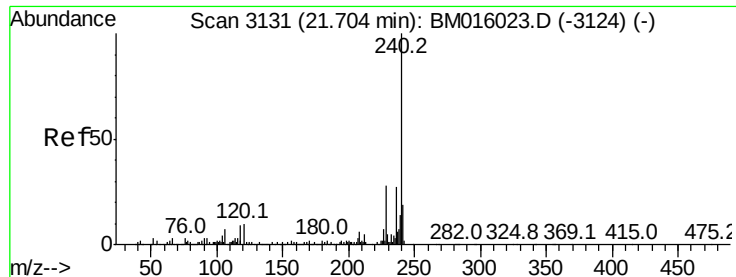
Tot Ion:172 Resp: 530964
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 24.0 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016371.D
 Acq: 15 Aug 2018 02:53

Tgt Ion:188 Resp: 114712
 Ion Ratio Lower Upper
 188 100
 94 5.6 8.7 13.1#
 80 7.0 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

Instrument :

BNA_M

ClientSampleId :

DSN-001A-081018

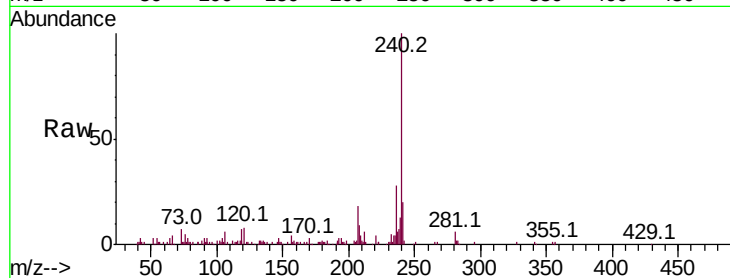
Tot Ion:240 Resp: 104234

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

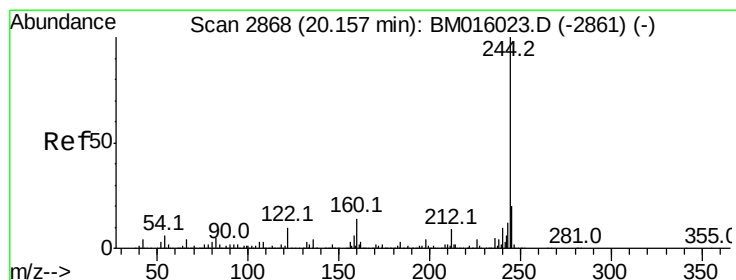
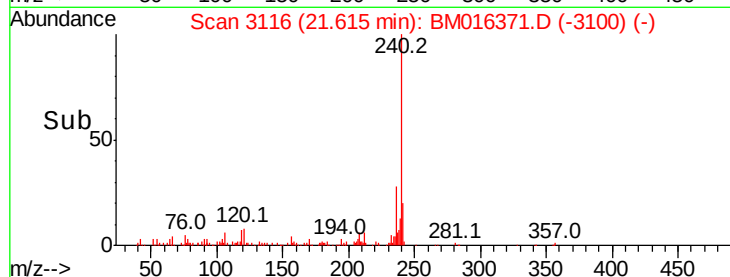
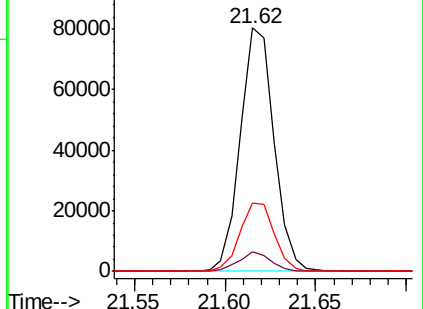
236 28.0 20.0 30.0



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: Below ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016371.D

Acq: 15 Aug 2018 02:53

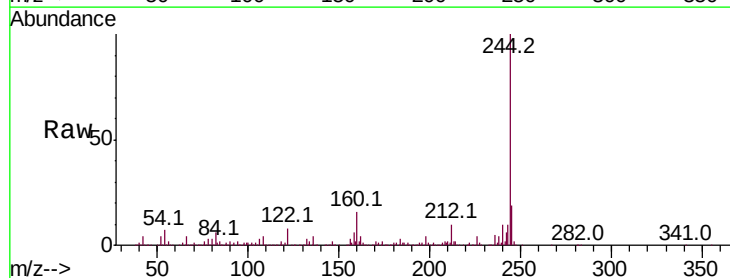
Tgt Ion:244 Resp: 761765

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

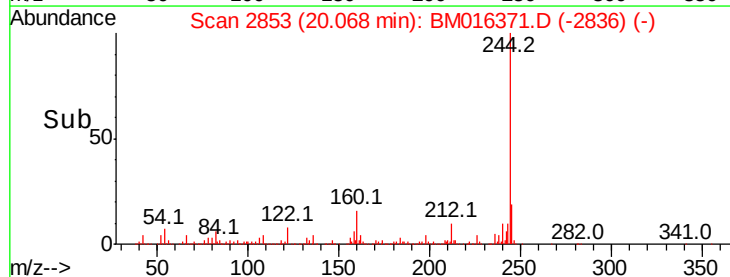
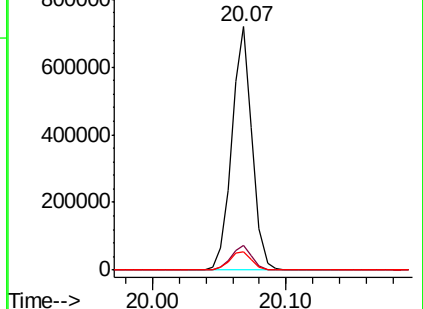
122 7.8 6.2 9.4

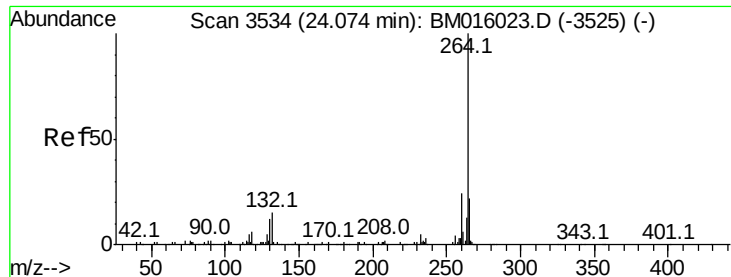


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016371.D
Acq: 15 Aug 2018 02:53

Instrument :
BNA_M
ClientSampleId :
DSN-001A-081018

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	27.8
265	23.2	17.3	25.9

