

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016498.D
 Acq On : 21 Aug 2018 23:54
 Operator : SJ/JU
 Sample : J4271-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 01:06:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

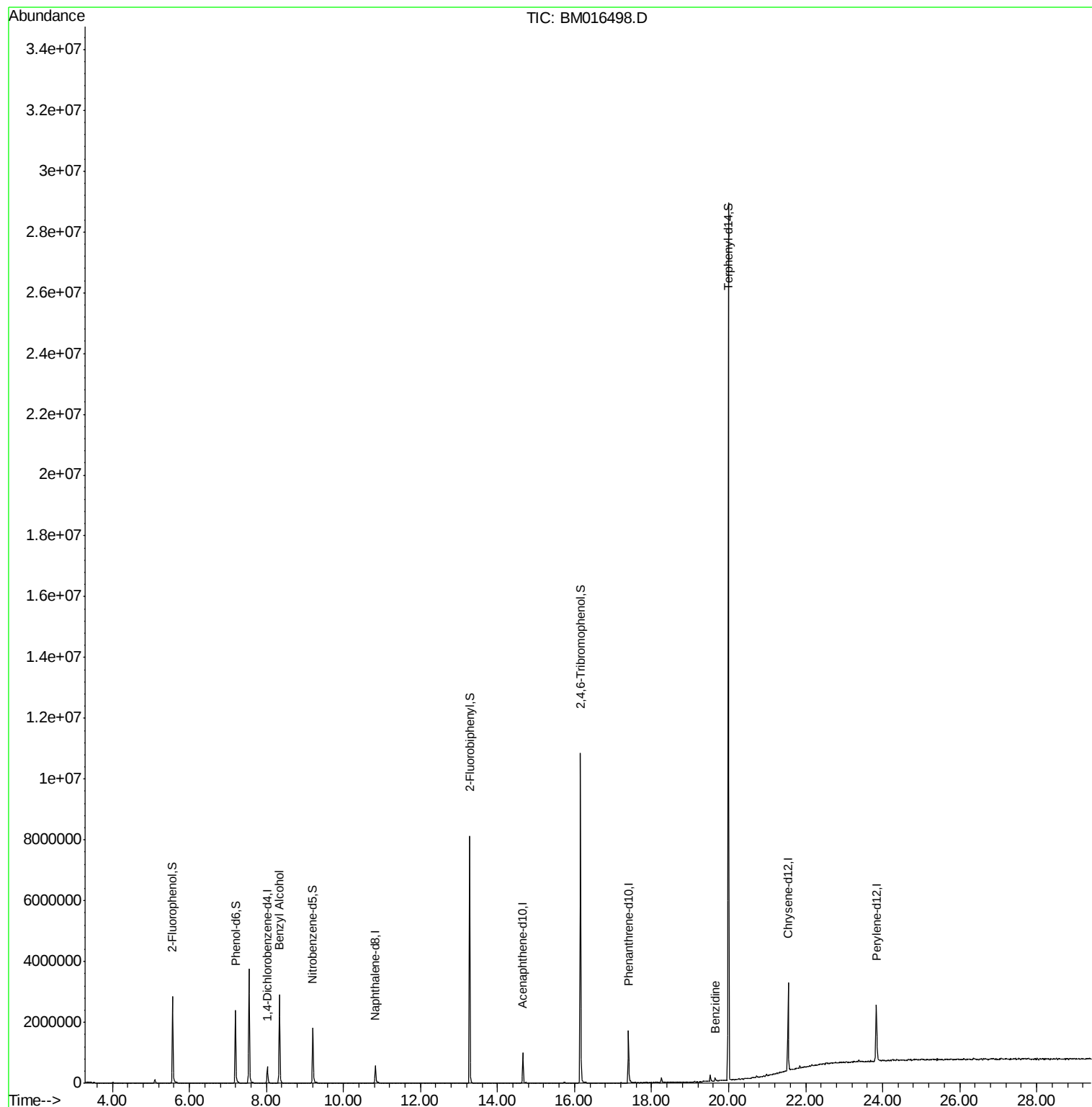
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	121706	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	387425	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	277891	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	969895	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1339788	20.00	ng	0.00
86) Perylene-d12	23.83	264	1512280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	919153	147.99	ng	0.00
7) Phenol-d6	7.20	99	1001954	121.91	ng	0.00
23) Nitrobenzene-d5	9.21	82	1058473	124.74	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1866748	240.31	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3625854	125.42	ng	0.00
78) Terphenyl-d14	19.99	244	10230135	161.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	22345	2.928	ng	# 6
76) Benzidine	19.64	184	75822	2.943	ng	# 91

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

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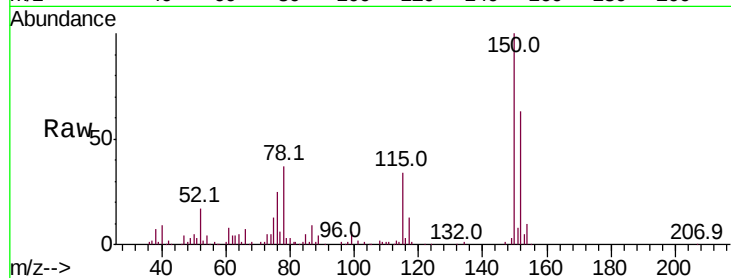


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	119.5	179.3
115	53.8	43.0	64.4

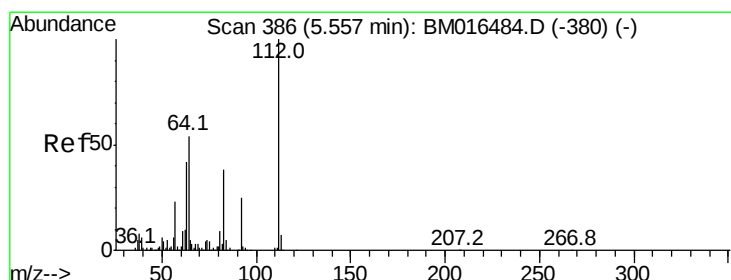
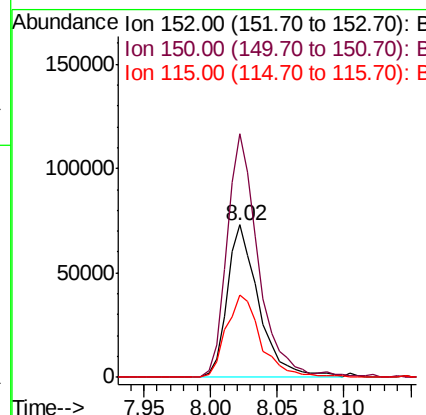
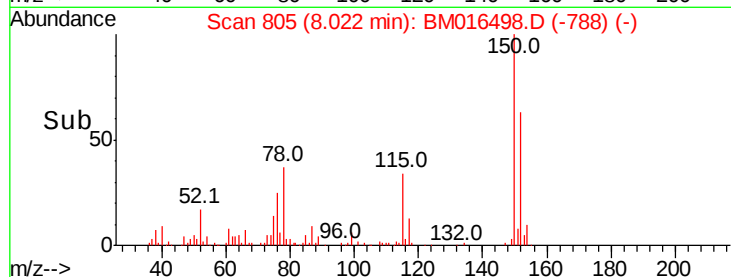


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

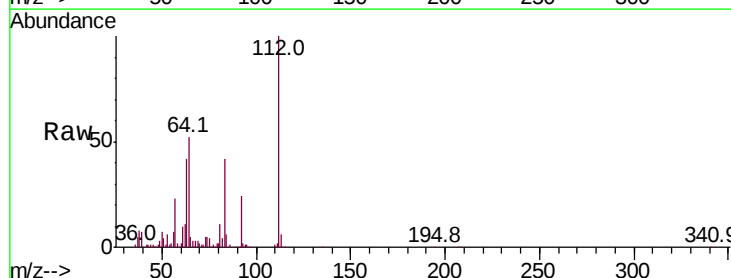
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	38.6	57.8
63	42.4	19.3	28.9

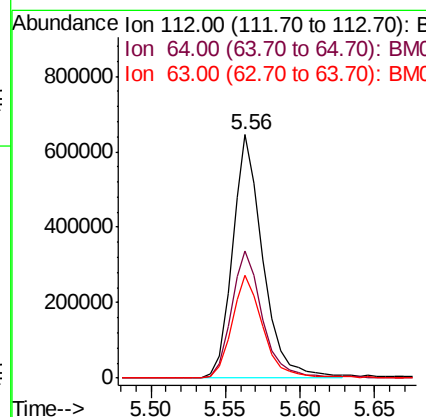
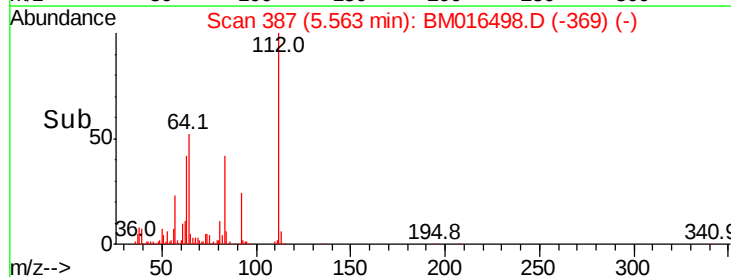


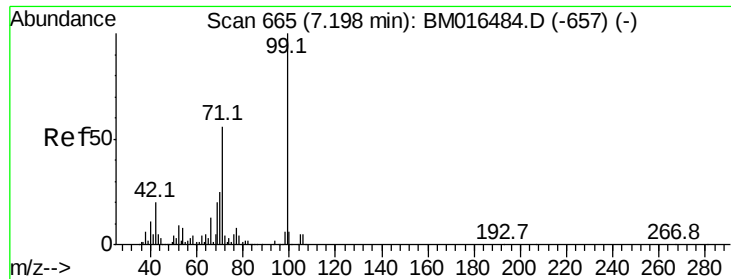
Abundance

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: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

Instrument :

BNA_M

ClientSampleId :

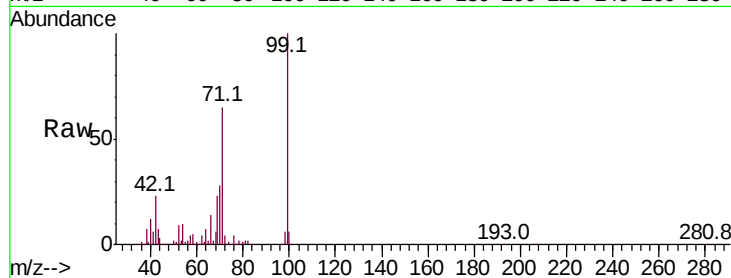
Tot Ion: 99 Resp: 1001954

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

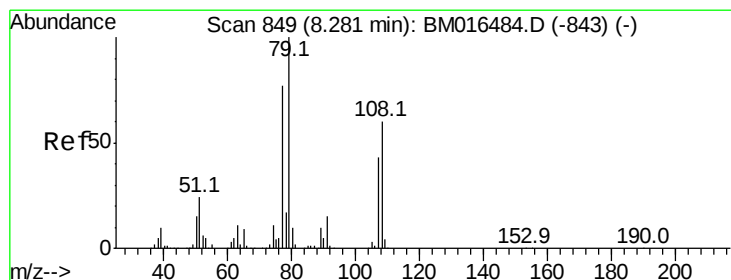
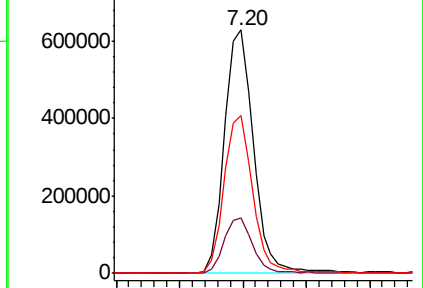
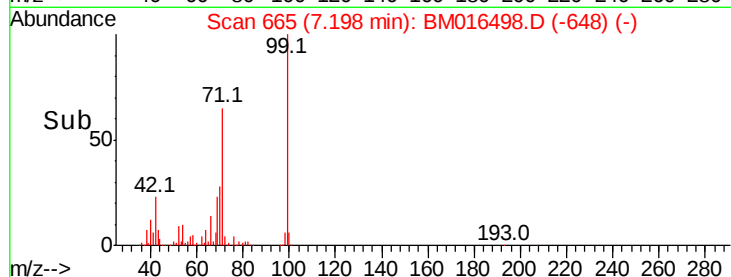
71 64.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.928 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

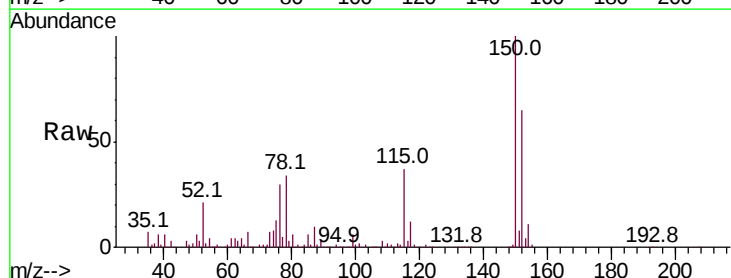
Tgt Ion: 79 Resp: 22345

Ion Ratio Lower Upper

79 100

108 107.6 65.0 97.4#

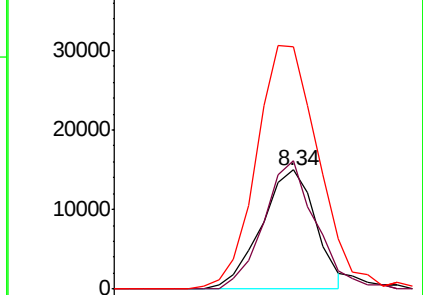
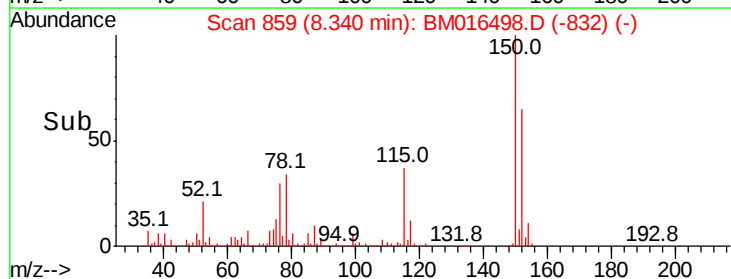
77 203.3 53.0 79.6#

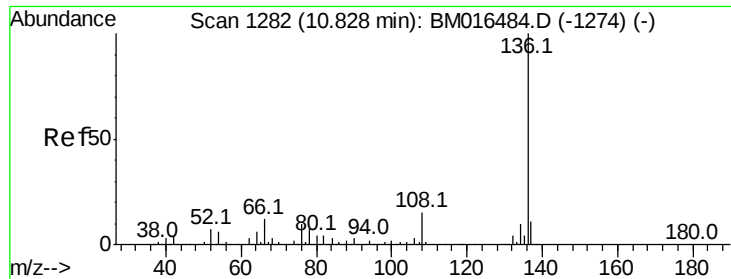


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

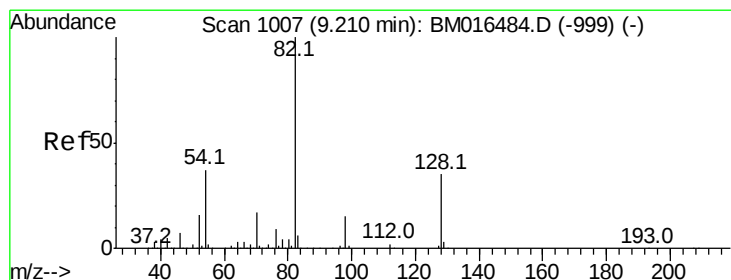
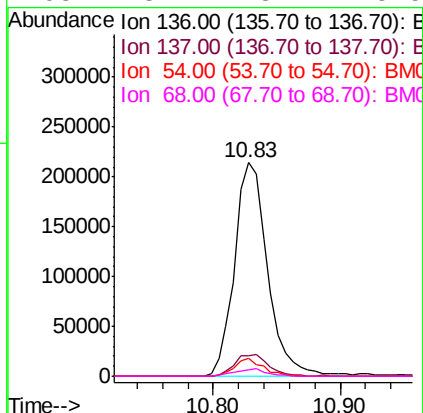
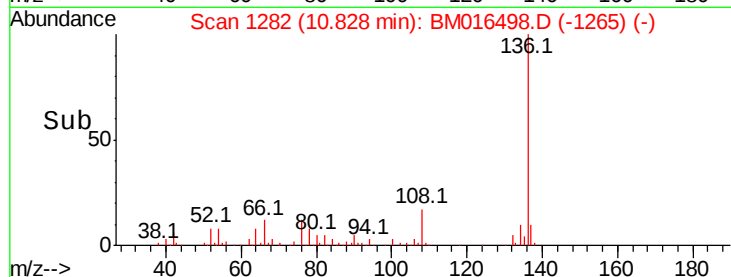
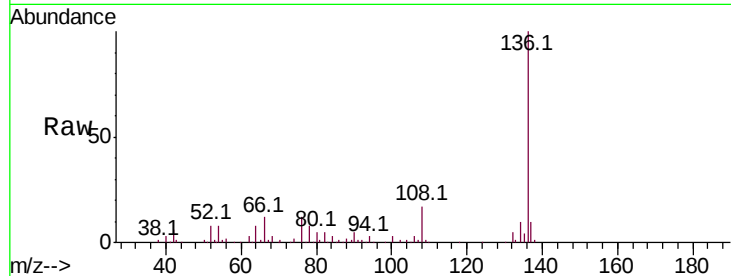




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

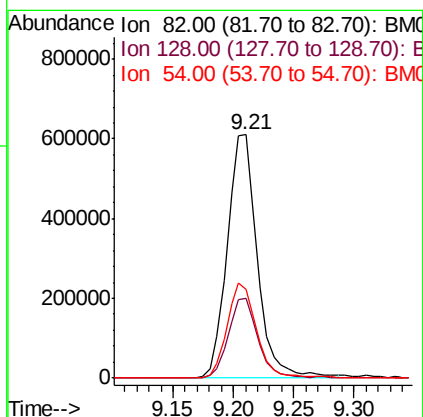
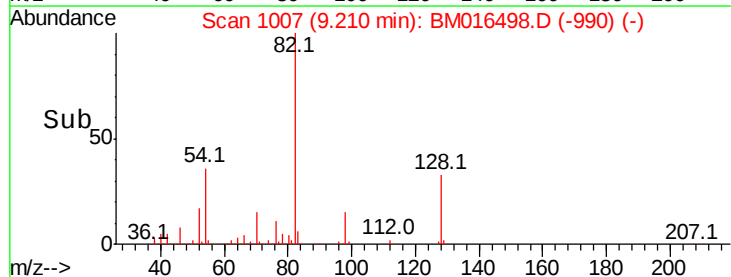
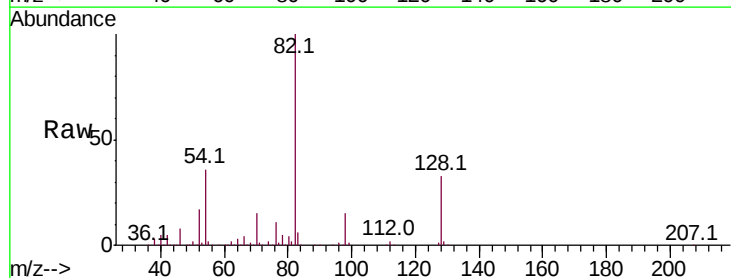
Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	387425
Ion Ratio	Lower	Upper
136 100		
137 9.6	8.7	13.1
54 8.3	4.6	6.8#
68 3.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion: 82	Resp: 1058473
Ion Ratio	Lower Upper
82 100	
128 32.6	32.8 49.2#
54 36.4	40.6 60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

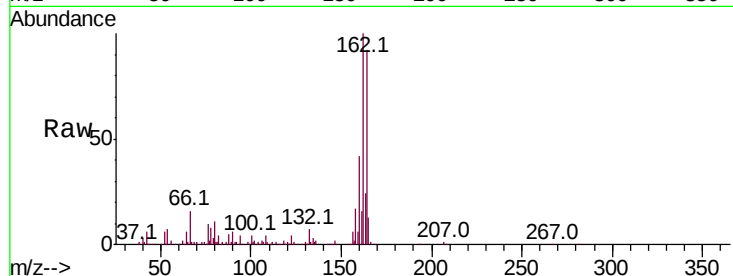
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 277891

Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.4	123.6
160	46.1	35.8	53.6

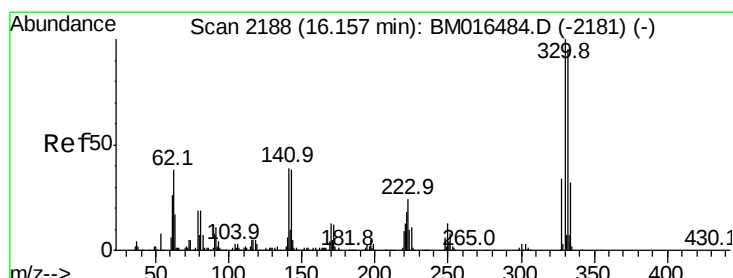
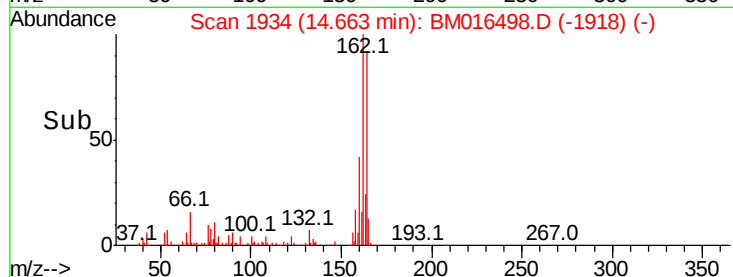
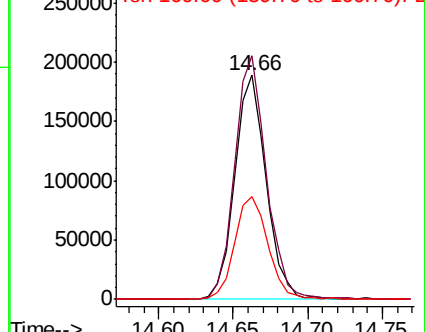


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.16 min Scan# 2188

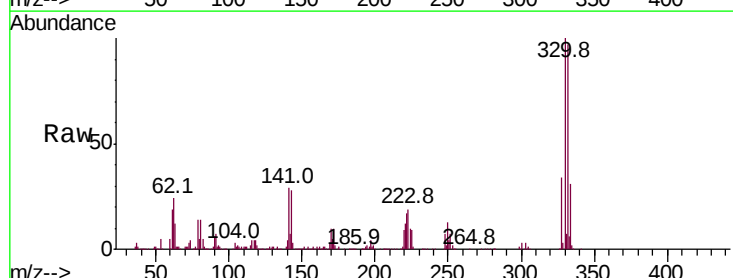
Delta R.T. 0.00 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

Tgt Ion:330 Resp: 1866748

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	32.1	0.0	0.0#

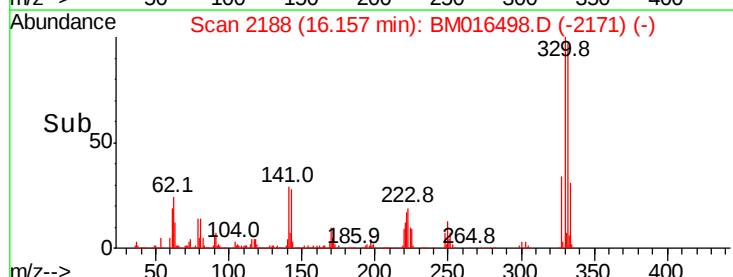
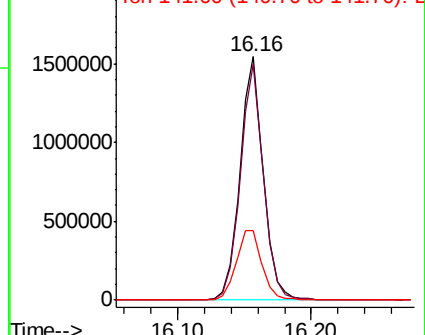


Abundance

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

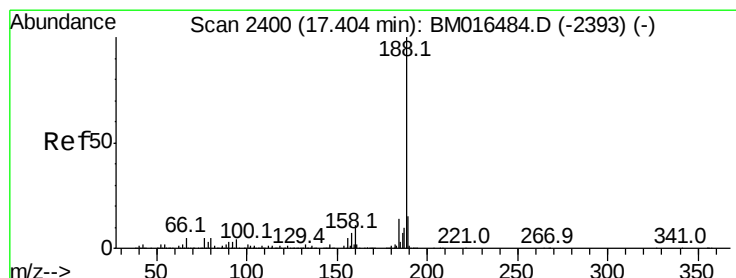
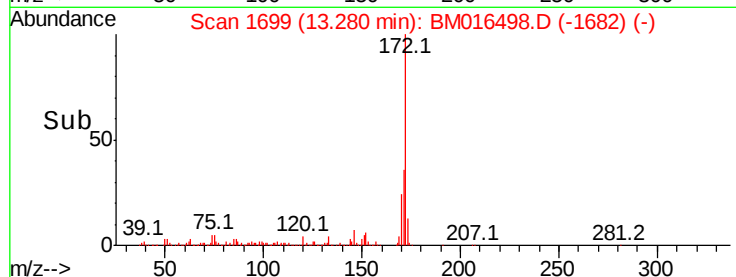
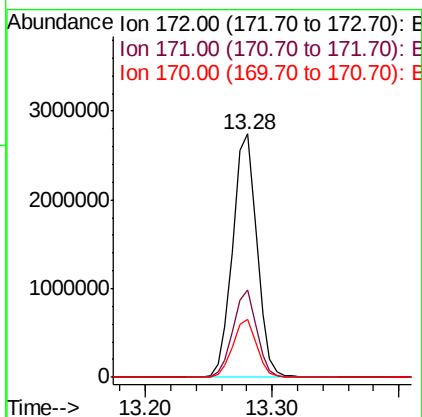
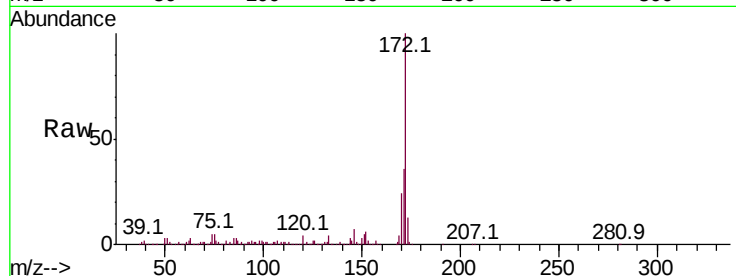




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

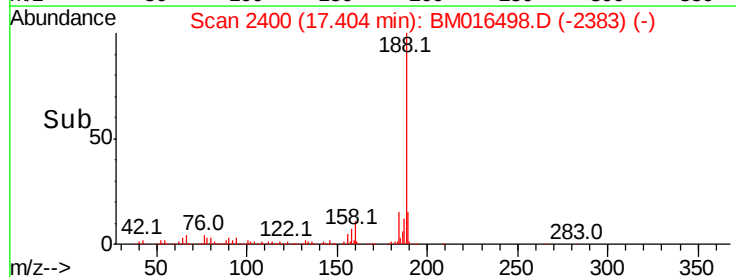
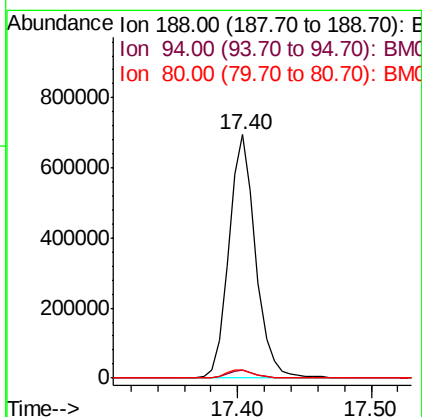
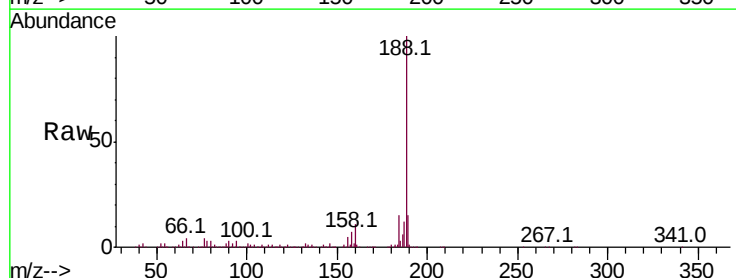
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3625854
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion:188 Resp: 969895
Ion Ratio Lower Upper
188 100
94 3.2 8.7 13.1#
80 3.4 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

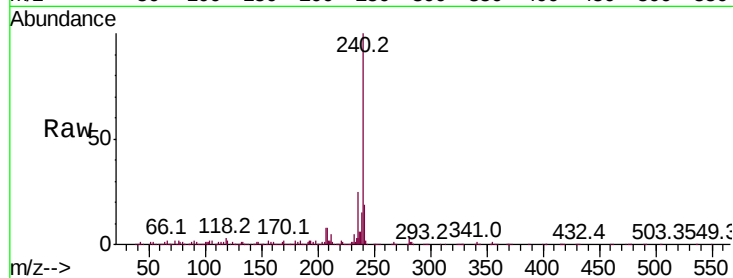
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1339788

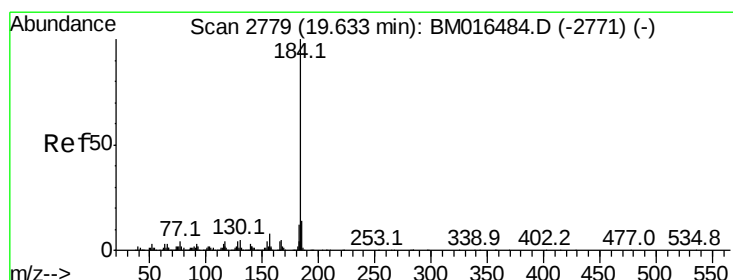
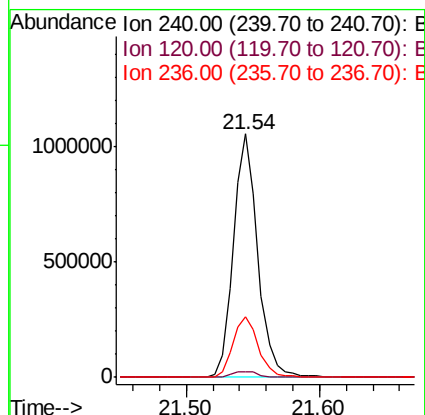
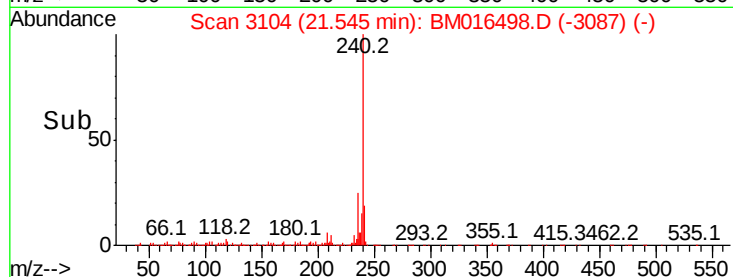
Ion	Ratio	Lower	Upper
240	100		
120	2.4	8.2	12.2#
236	25.1	20.0	30.0



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



#76

Benzidine

Concen: 2.943 ng

RT: 19.64 min Scan# 2781

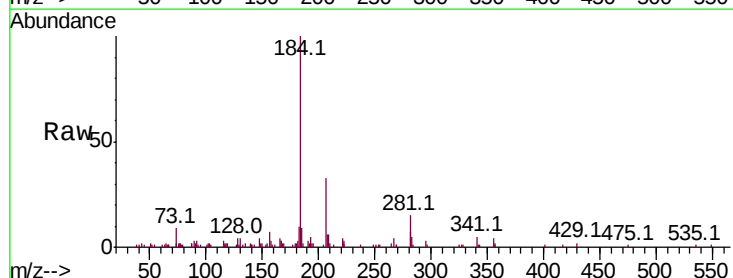
Delta R.T. 0.01 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

Tgt Ion:184 Resp: 75822

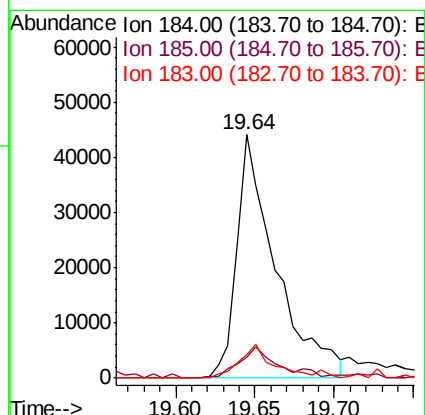
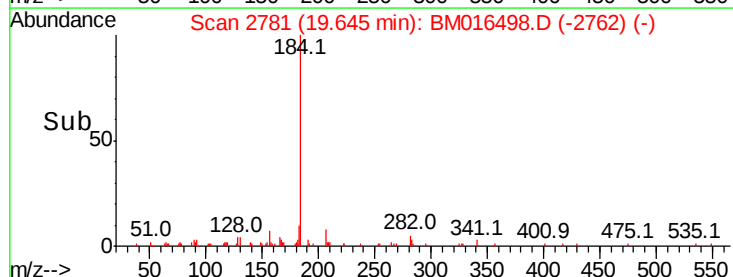
Ion	Ratio	Lower	Upper
184	100		
185	8.7	11.3	16.9#
183	9.7	8.9	13.3

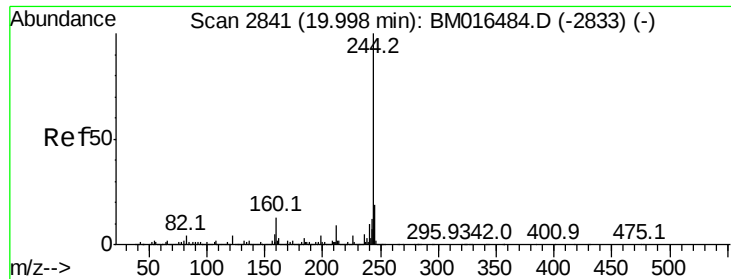


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

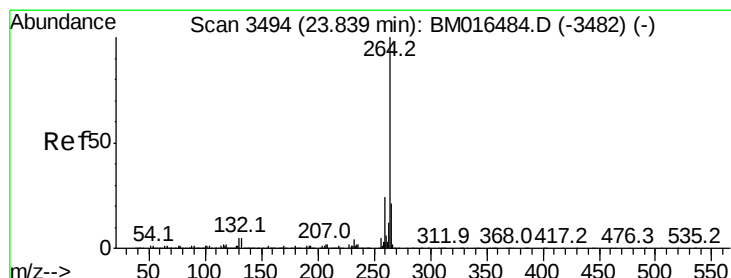
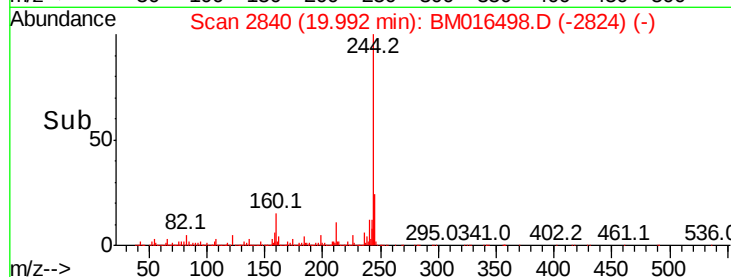
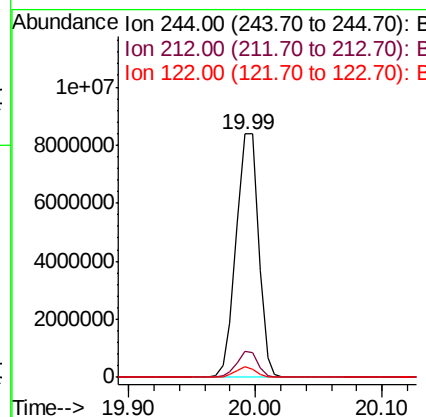
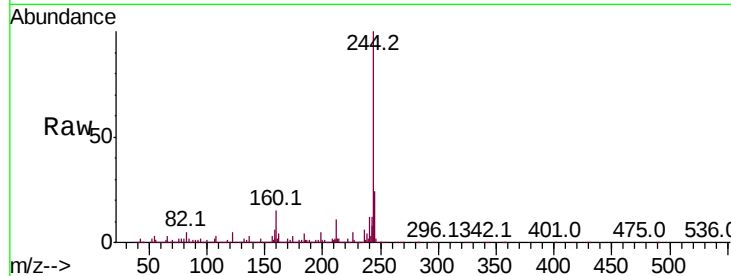




#78
 Terphenyl-d14
 Concen: Below na
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016498.D
 Acq: 21 Aug 2018 23:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp:10230135
 Ion Ratio Lower Upper
 244 100
 212 10.9 4.9 7.3#
 122 4.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016498.D
 Acq: 21 Aug 2018 23:54

Tgt Ion:264 Resp: 1512280
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 22.7 17.3 25.9

