

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016514.D
 Acq On : 22 Aug 2018 11:00
 Operator : SJ/JU
 Sample : J4275-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 13:21:37 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

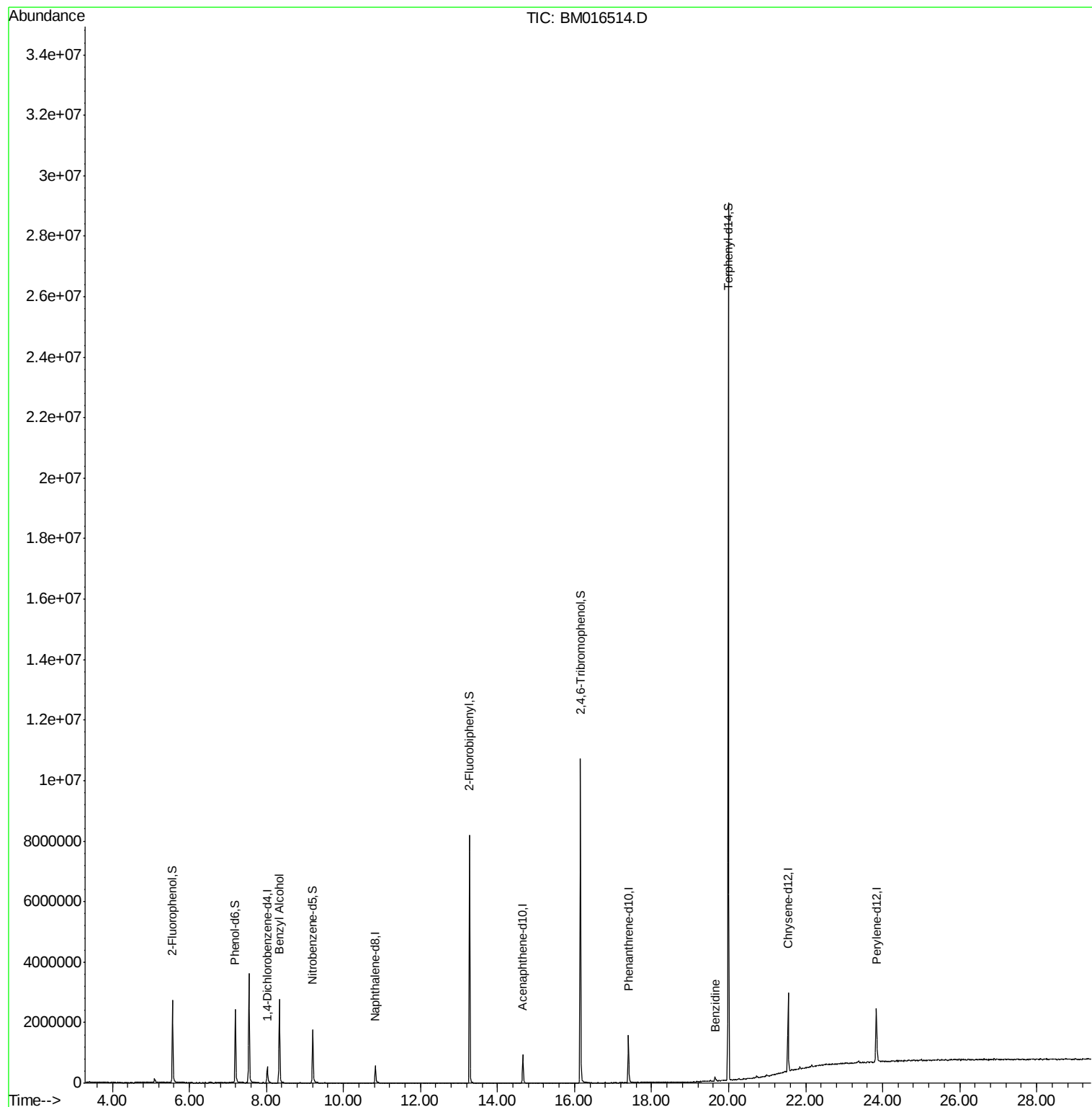
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	128014	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	378542	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	286629	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	987649	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1284352	20.00	ng	0.00
86) Perylene-d12	23.83	264	1451394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	882488	135.09	ng	0.00
7) Phenol-d6	7.19	99	965089	111.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	992855	119.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1847845	230.62	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3618661	121.35	ng	0.00
78) Terphenyl-d14	19.99	244	9907372	163.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	22213	2.767	ng	# 17
76) Benzidine	19.64	184	113545	4.597	ng	# 91

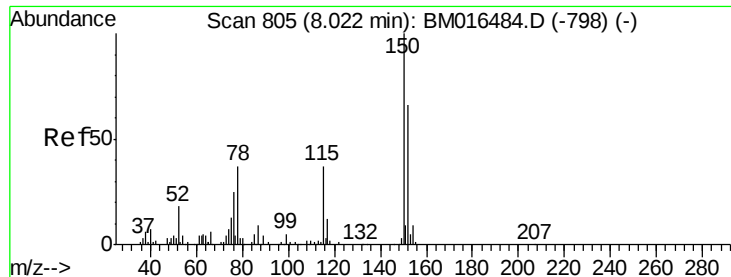
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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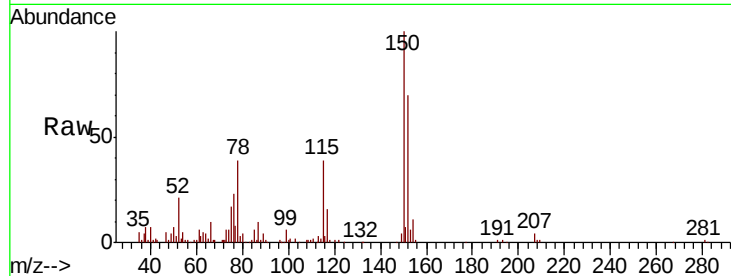


#1

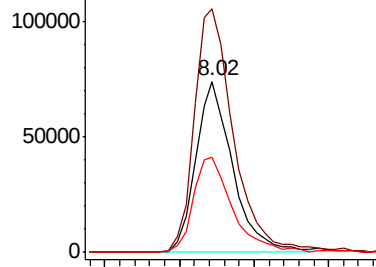
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

Instrument :
BNA_M
ClientSampleId :

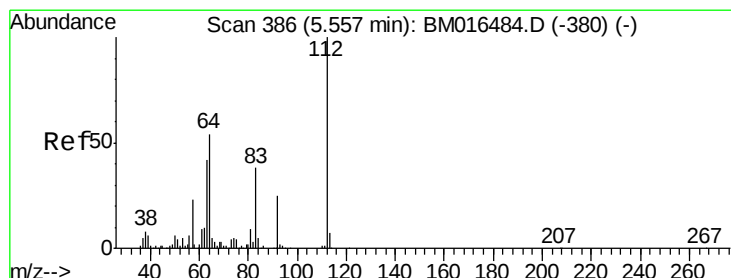
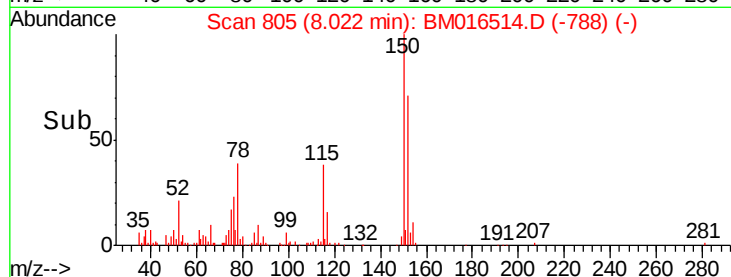
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	119.5	179.3
115	55.4	43.0	64.4



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



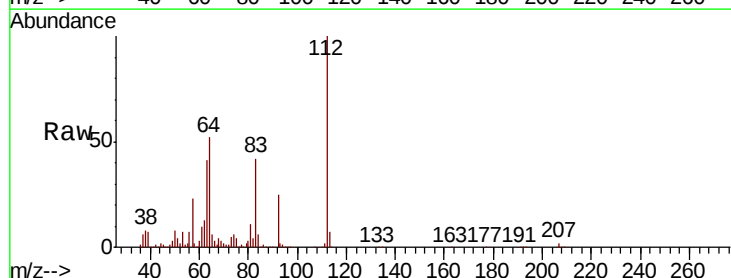
Time-->



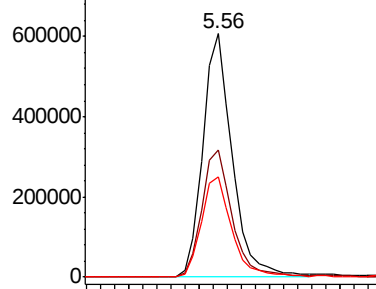
#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

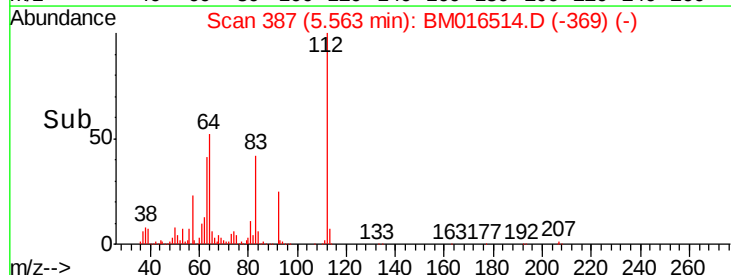
Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	38.6	57.8
63	41.4	19.3	28.9

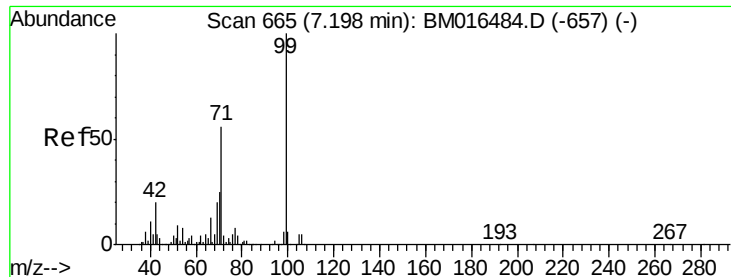


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: N.D. ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016514.D

Acq: 22 Aug 2018 11:00

Instrument :

BNA_M

ClientSampleId :

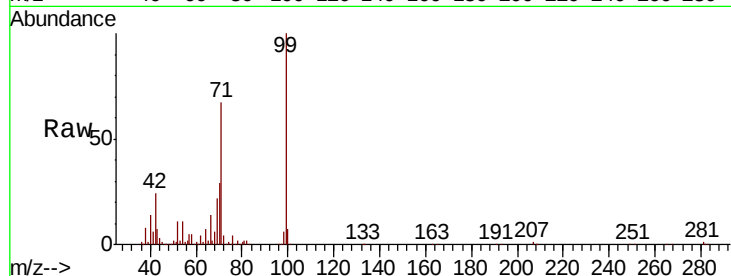
Tot Ion: 99 Resp: 965089

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

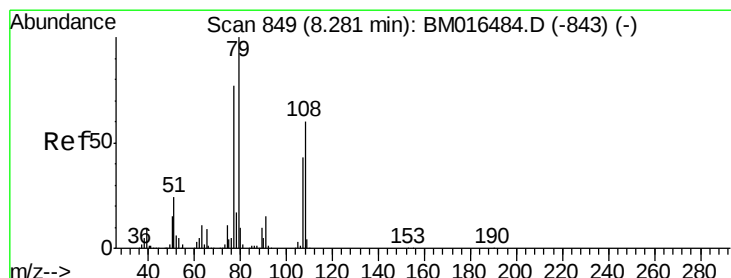
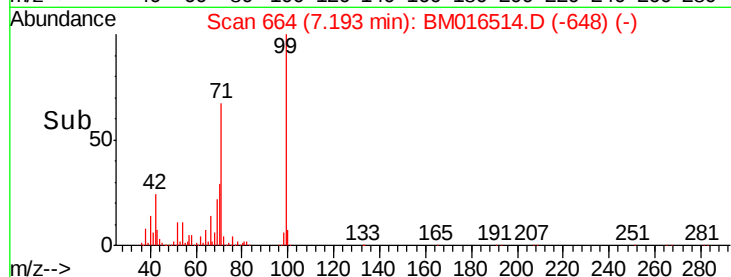
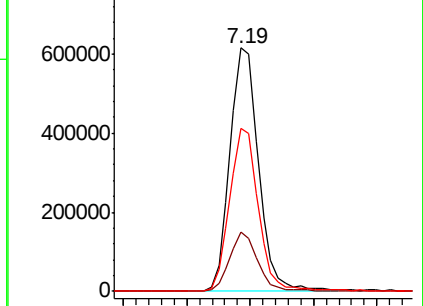
71 67.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016514.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016514.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016514.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.767 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016514.D

Acq: 22 Aug 2018 11:00

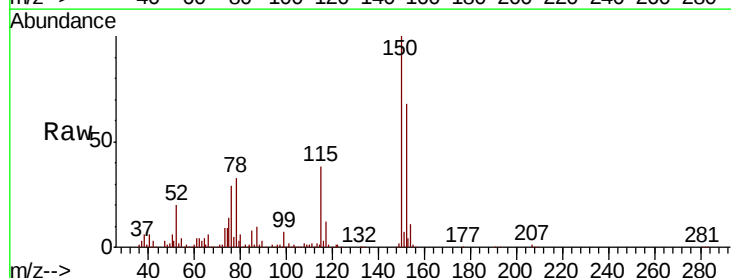
Tgt Ion: 79 Resp: 22213

Ion Ratio Lower Upper

79 100

108 92.5 65.0 97.4

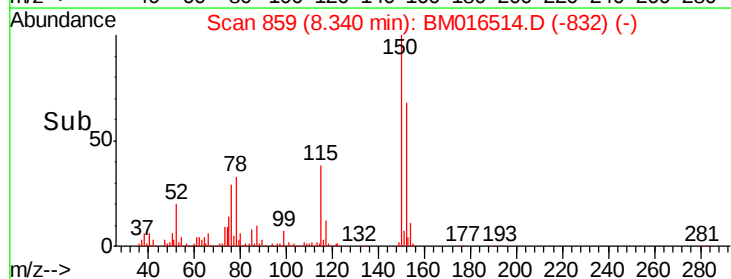
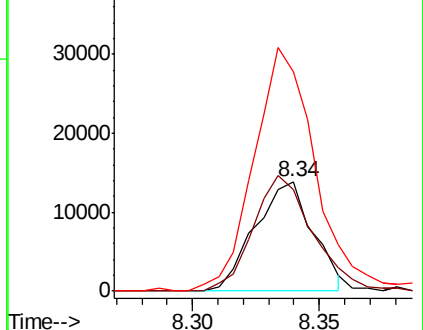
77 200.2 53.0 79.6#

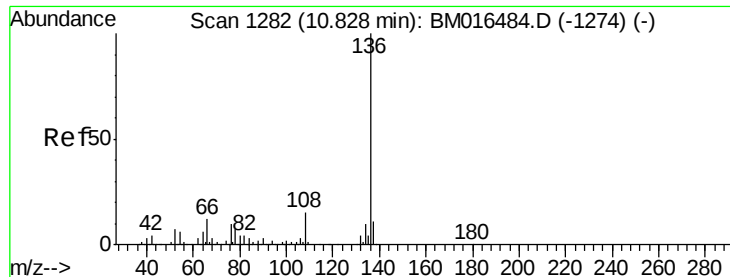


Abundance Ion 79.00 (78.70 to 79.70): BM016514.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016514.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016514.D (-843) (-)

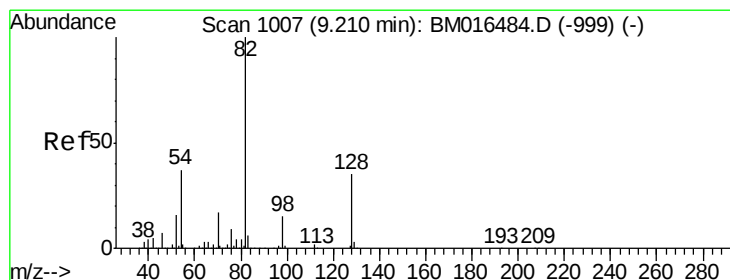
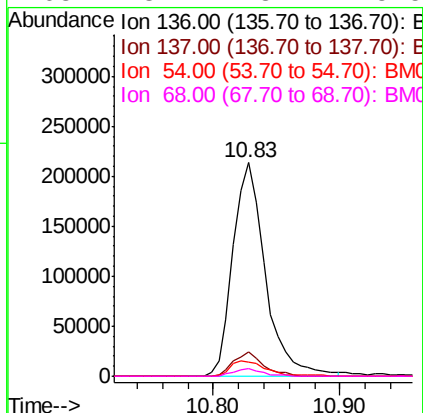
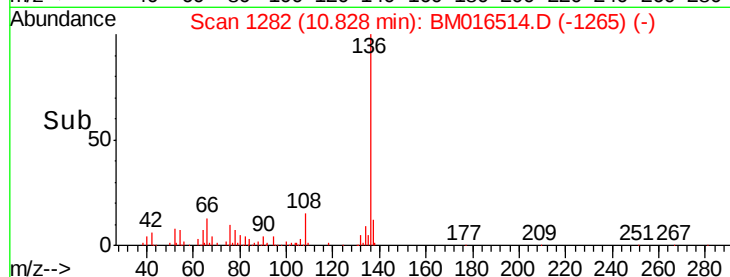
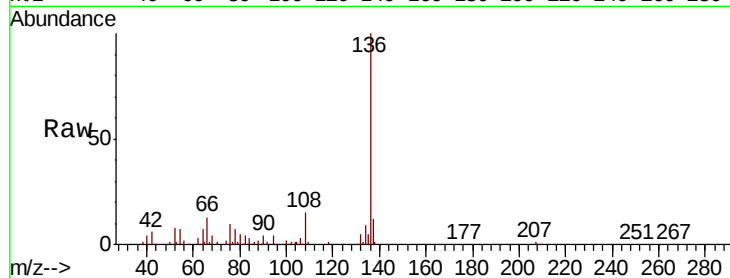




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

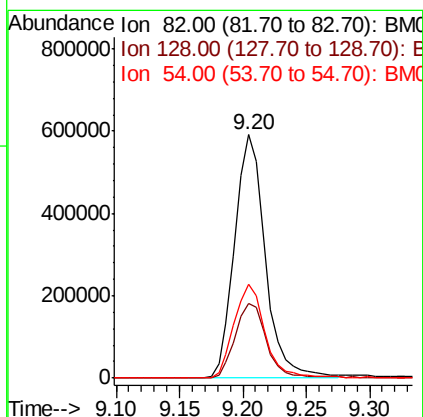
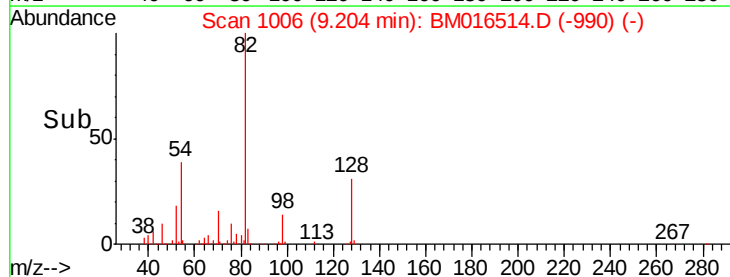
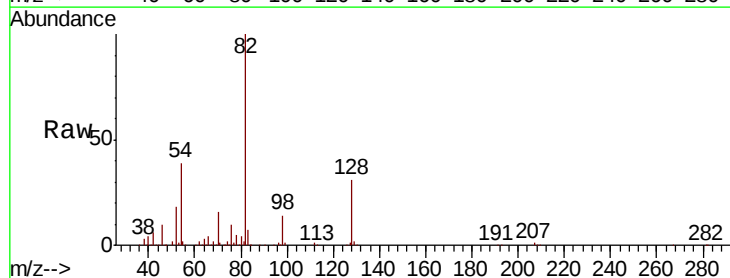
Instrument :
BNA_M
ClientSampleId :

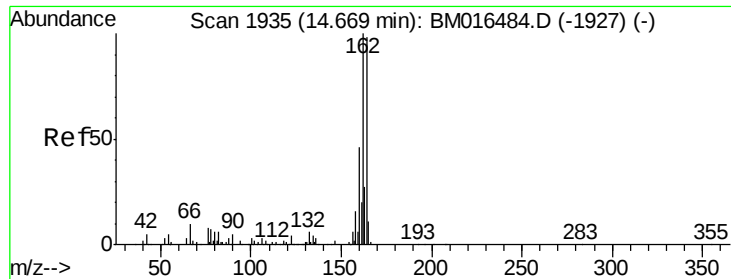
Tot Ion:136	Resp:	378542	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.7	13.1	
54 6.6	4.6	6.8	
68 3.7	3.7	5.5	



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

Tgt Ion: 82	Resp: 992855
Ion Ratio	Lower Upper
82 100	
128 30.7	32.8 49.2#
54 38.5	40.6 60.8#

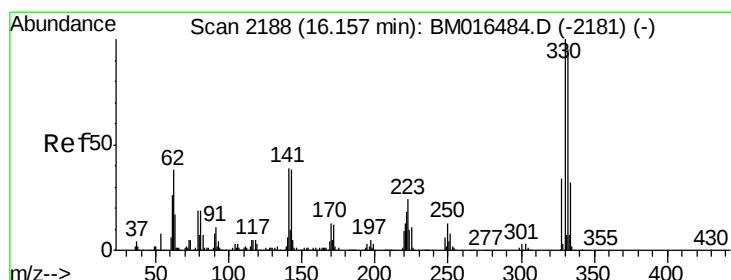
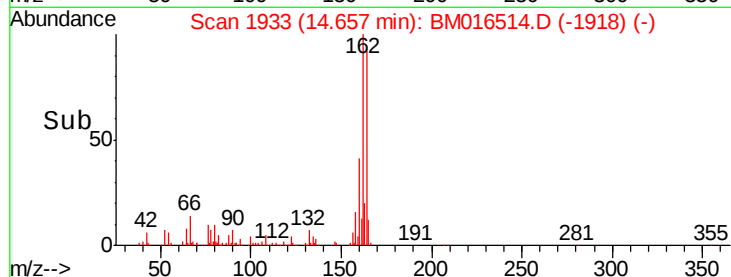
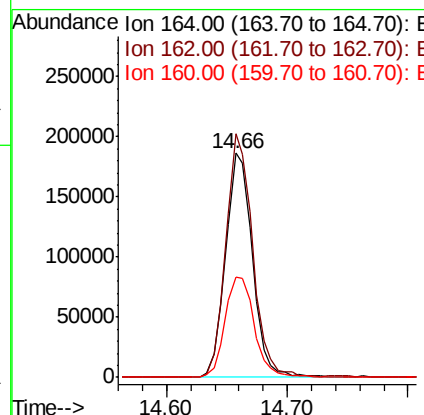
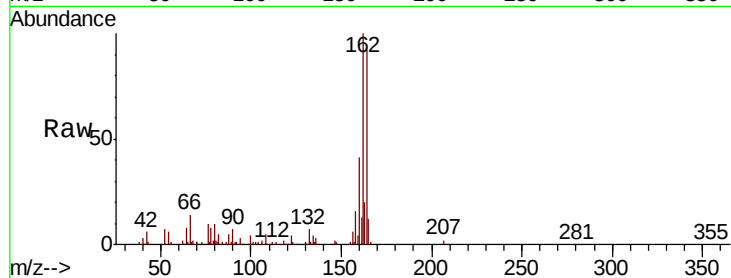




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

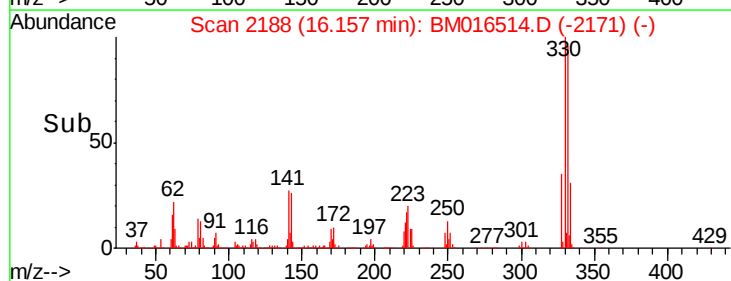
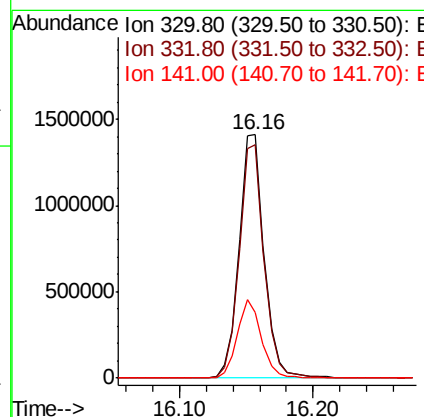
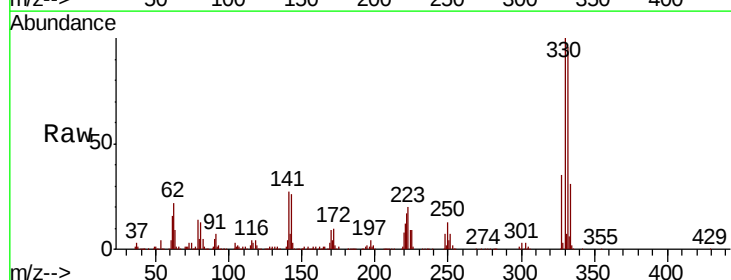
Instrument :
 BNA_M
 ClientSampleId :

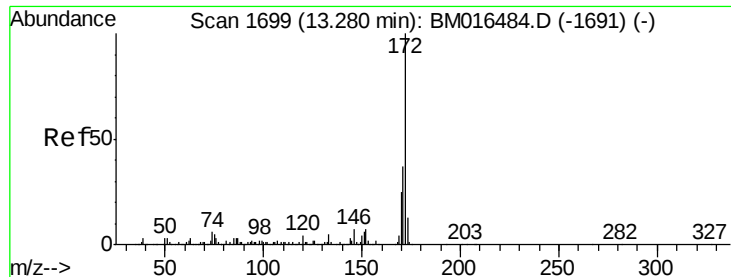
Tot Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.4	123.6
160	44.5	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	31.3	0.0	0.0#

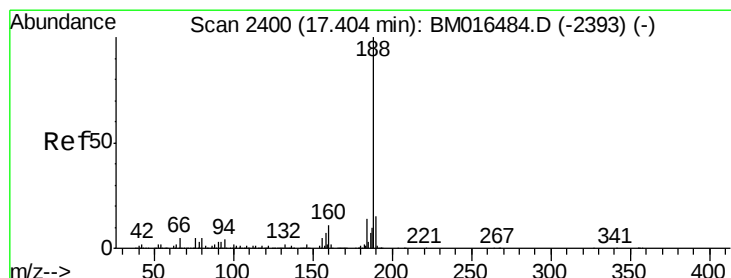
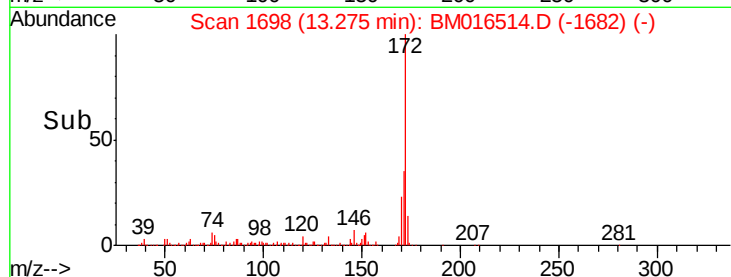
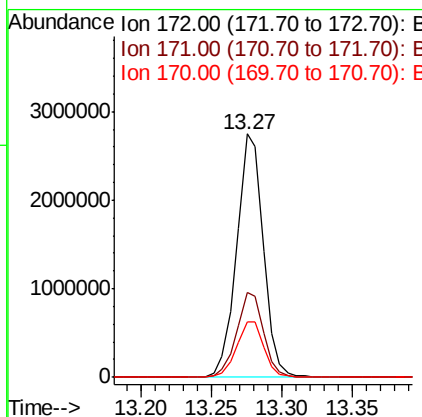
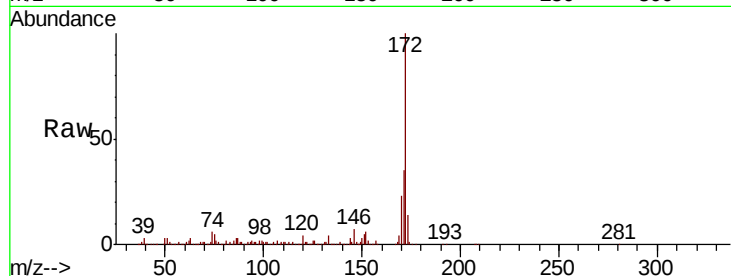




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

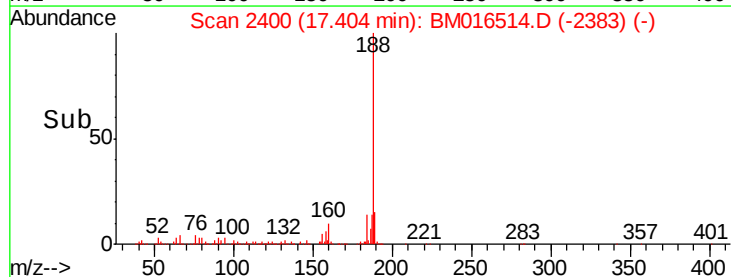
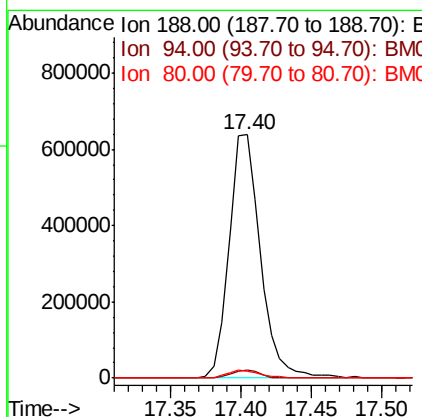
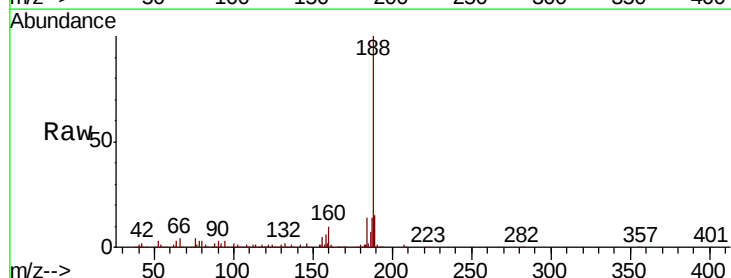
Instrument :
 BNA_M
 ClientSampleId :

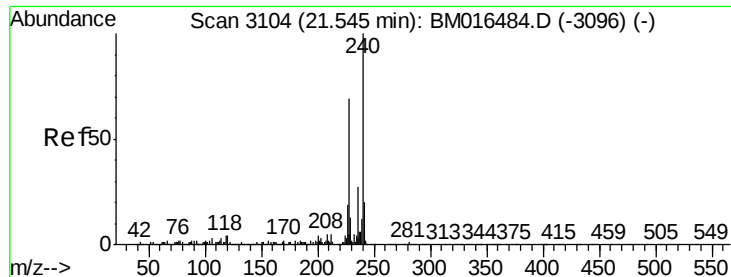
Tot Ion:172 Resp: 3618661
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.0 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

Tgt Ion:188 Resp: 987649
 Ion Ratio Lower Upper
 188 100
 94 3.1 8.7 13.1#
 80 2.8 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: BM016514.D

Acq: 22 Aug 2018 11:00

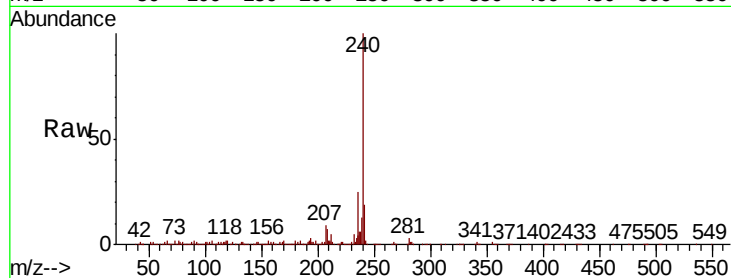
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1284352

Ion	Ratio	Lower	Upper
240	100		
120	2.0	8.2	12.2#
236	25.4	20.0	30.0

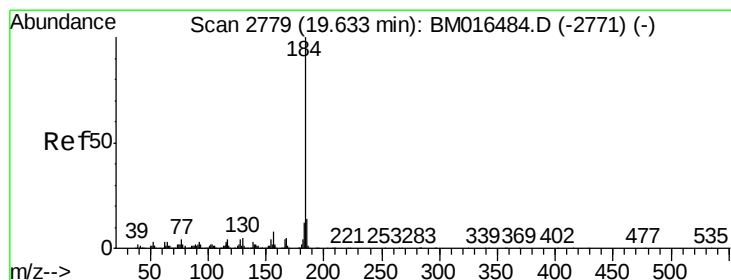
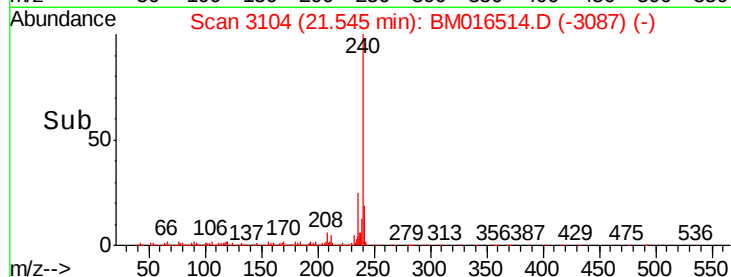
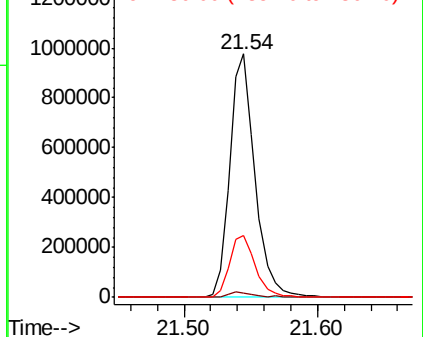


Abundance

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: 4.597 ng

RT: 19.64 min Scan# 2781

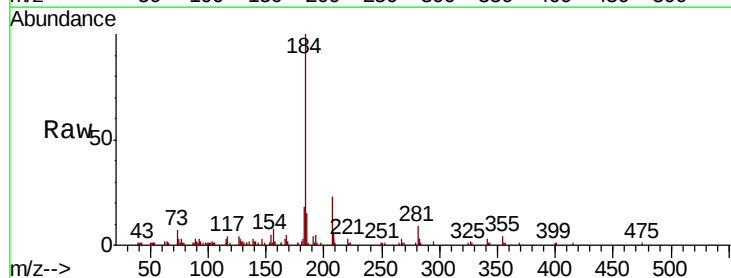
Delta R.T. 0.01 min

Lab File: BM016514.D

Acq: 22 Aug 2018 11:00

Tgt Ion:184 Resp: 113545

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.3	16.9
183	18.0	8.9	13.3#

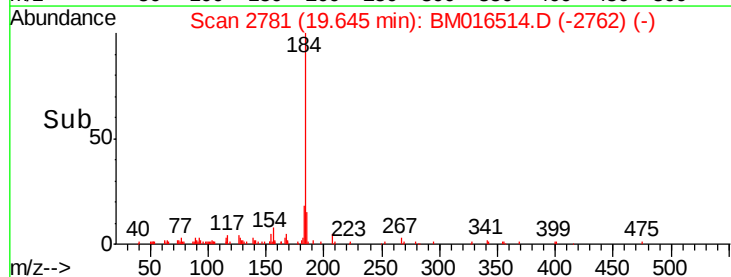
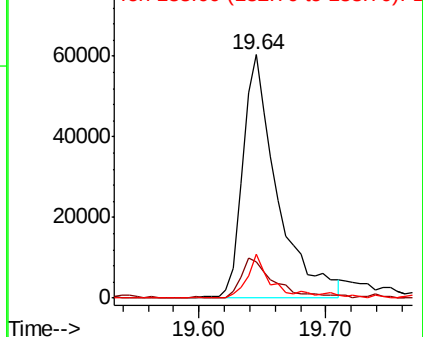


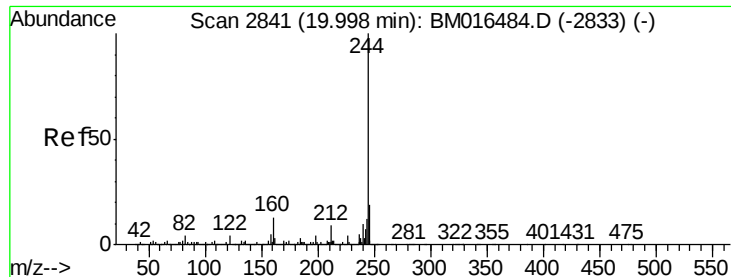
Abundance

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

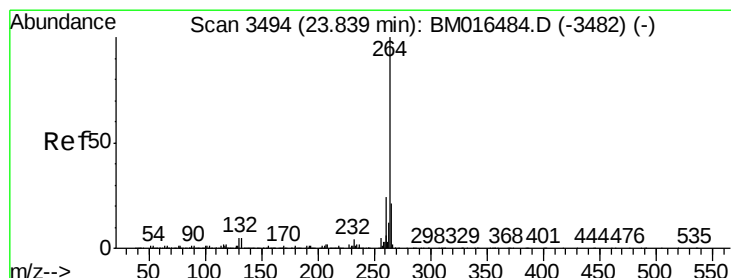
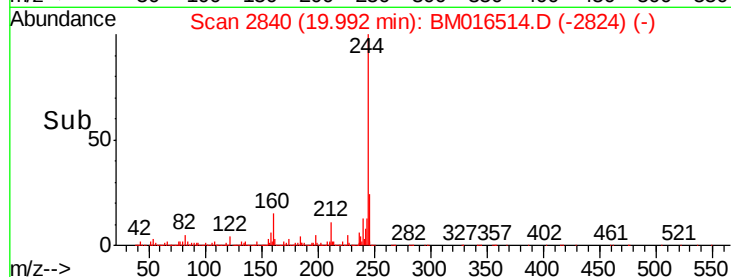
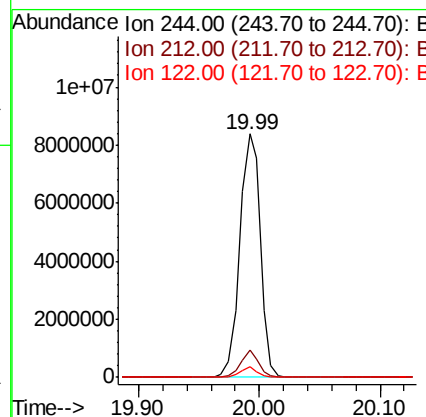
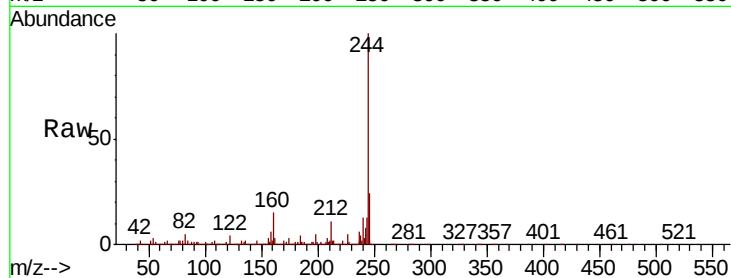




#78
 Terphenyl-d14
 Concen: Below na
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 9907372
 Ion Ratio Lower Upper
 244 100
 212 11.3 4.9 7.3#
 122 4.1 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: BM016514.D
 Acq: 22 Aug 2018 11:00

Tgt Ion:264 Resp: 1451394
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 27.8
 265 22.6 17.3 25.9

