

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019083.D
 Acq On : 08 Mar 2019 20:52
 Operator : JU/SJ
 Sample : K1807-39
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:48:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

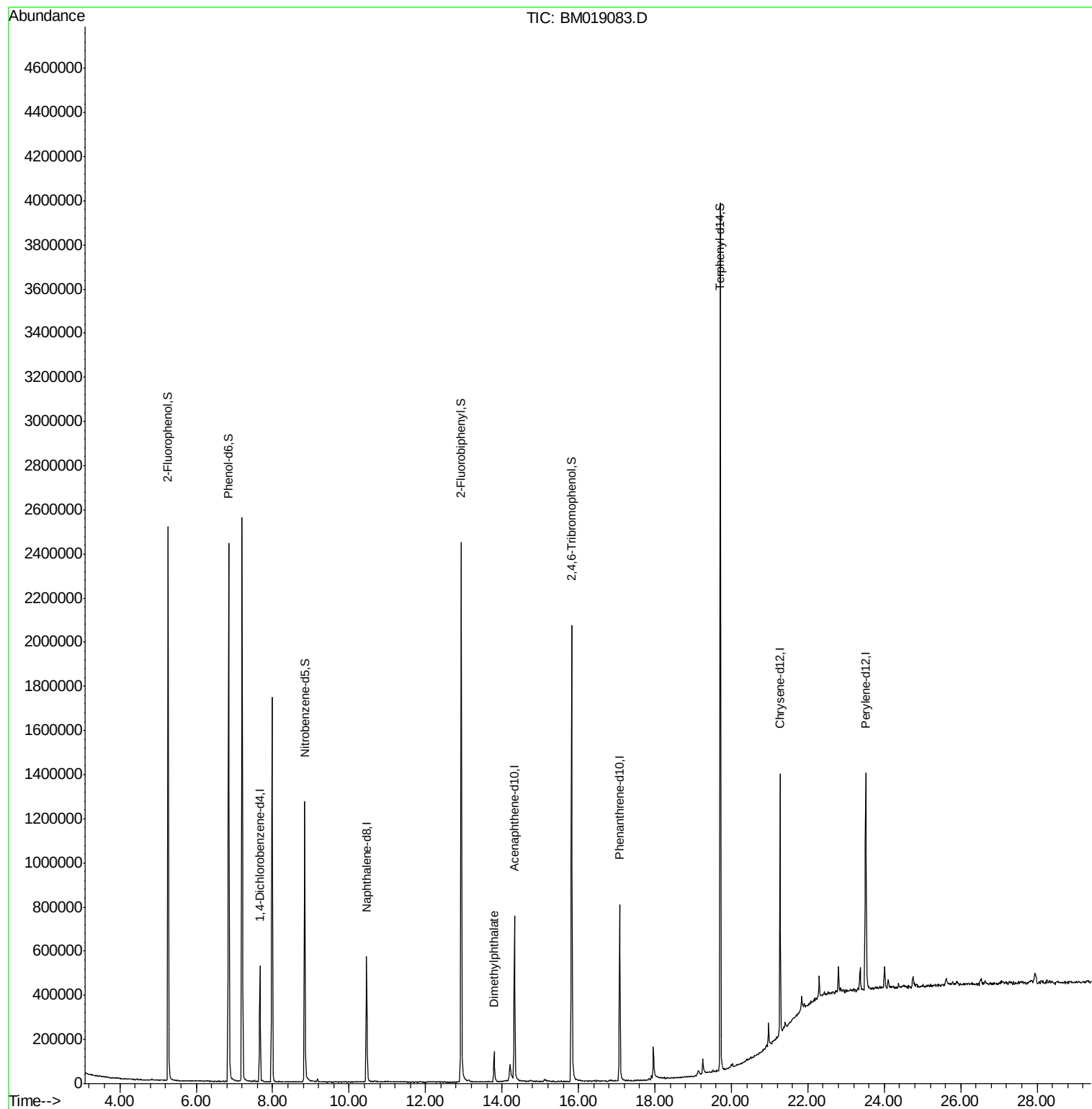
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	135956	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	492870	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	245982	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	503800	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	554209	20.00	ng	-0.01
87) Perylene-d12	23.52	264	697303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1039690	125.30	ng	-0.01
7) Phenol-d6	6.85	99	1392267	119.10	ng	-0.01
23) Nitrobenzene-d5	8.84	82	867828	81.42	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	400233	112.88	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1286126	69.41	ng	-0.02
79) Terphenyl-d14	19.71	244	1698822	63.23	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	3059	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.79	163	104474	5.096 ng		99

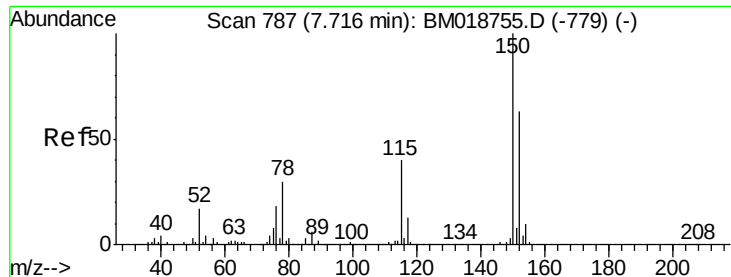
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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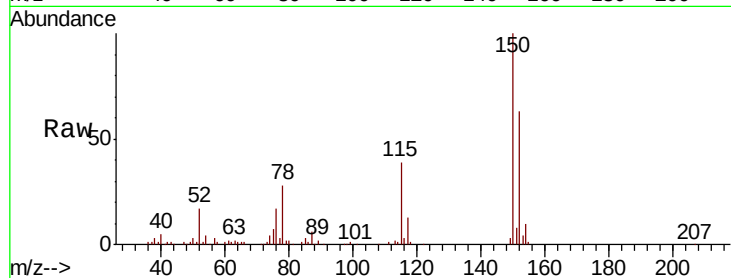


#1

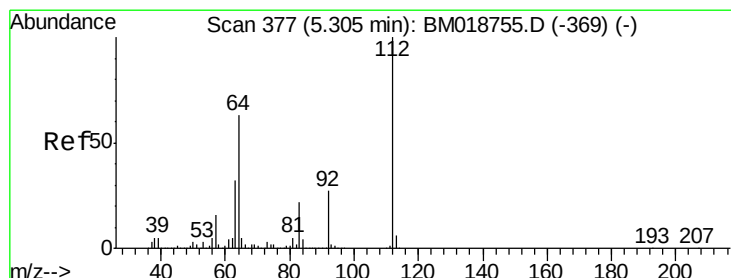
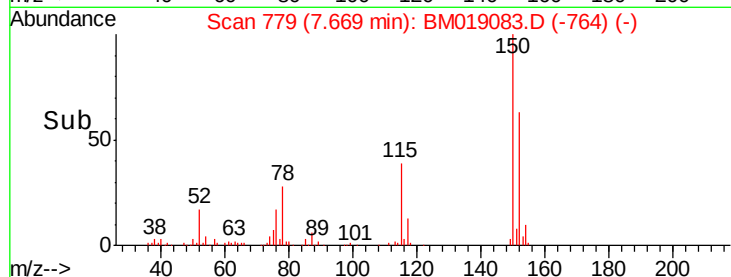
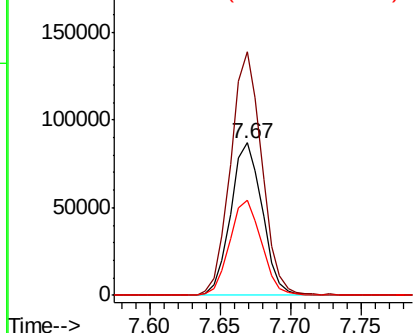
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.3	190.9
115	62.8	50.8	76.2



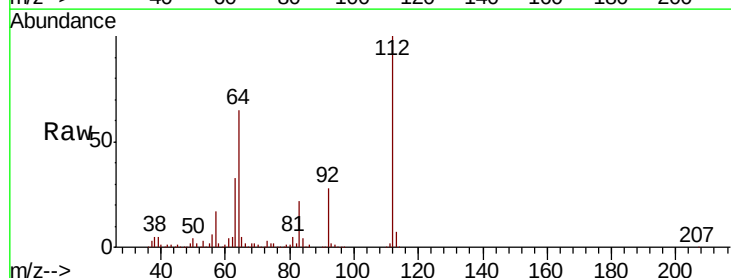
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



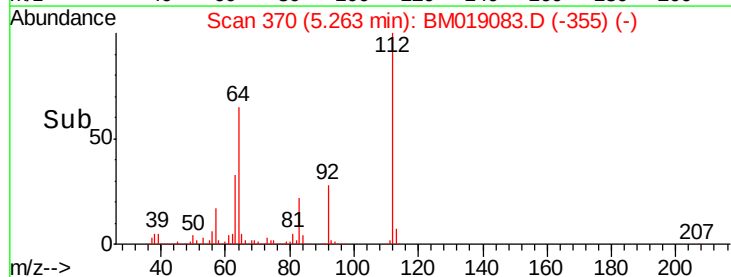
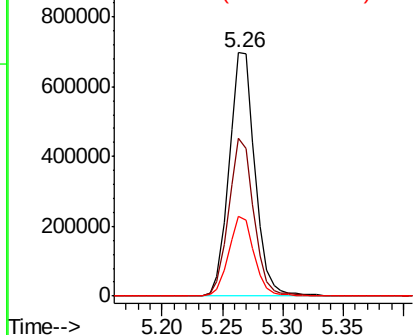
#5

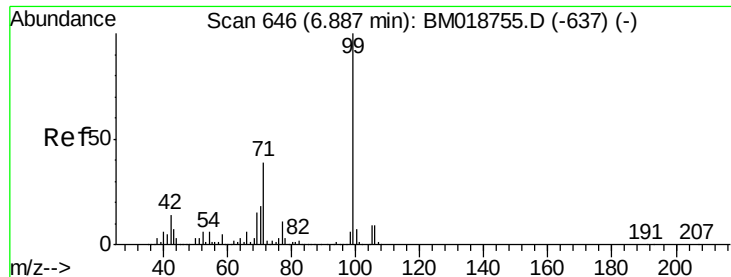
2-Fluorophenol
Concen: 125.298 ng
RT: 5.26 min Scan# 370
Delta R.T. -0.01 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	50.6	75.8
63	32.9	25.7	38.5



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: 119.105 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM019083.D

Acq: 08 Mar 2019 20:52

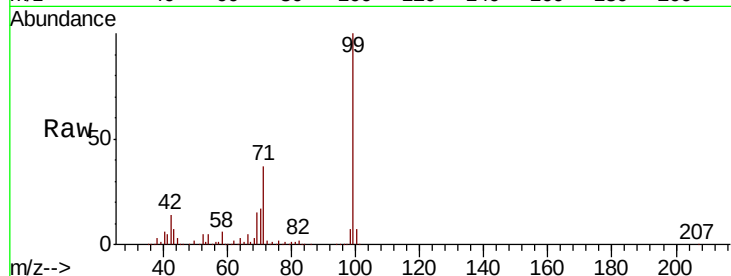
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1392267

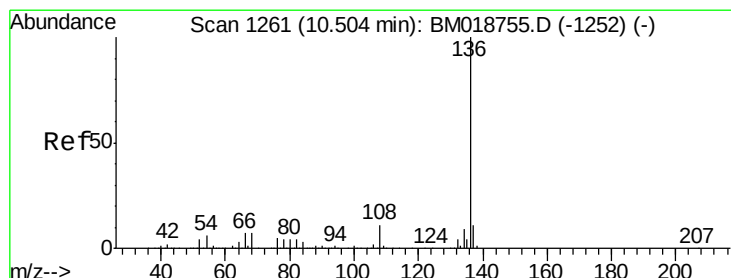
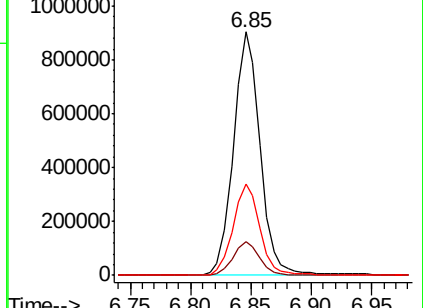
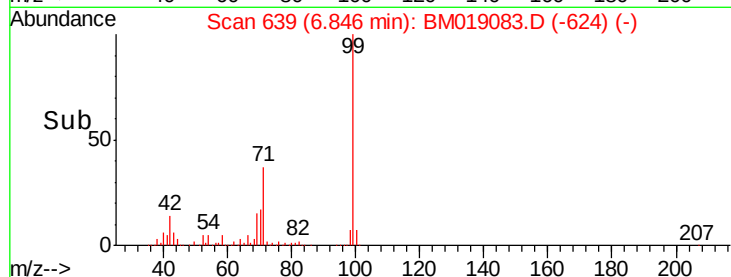
Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.6
71	37.5	31.3	46.9



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

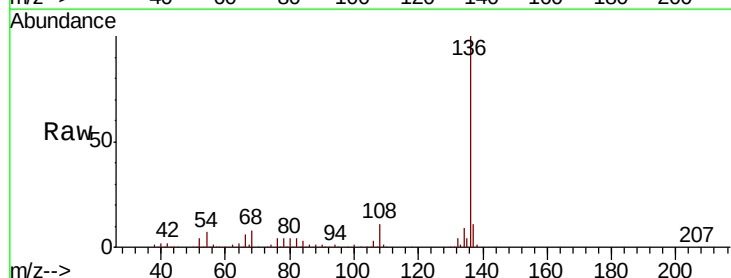
Delta R.T. -0.01 min

Lab File: BM019083.D

Acq: 08 Mar 2019 20:52

Tgt Ion: 136 Resp: 492870

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.0	7.6
68	7.6	5.5	8.3

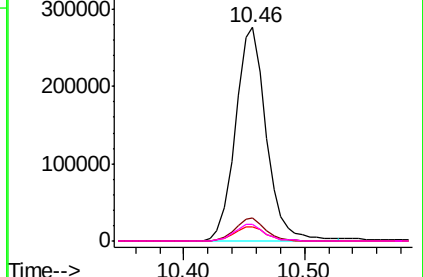
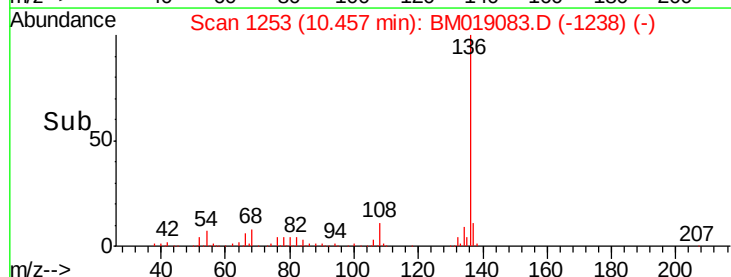


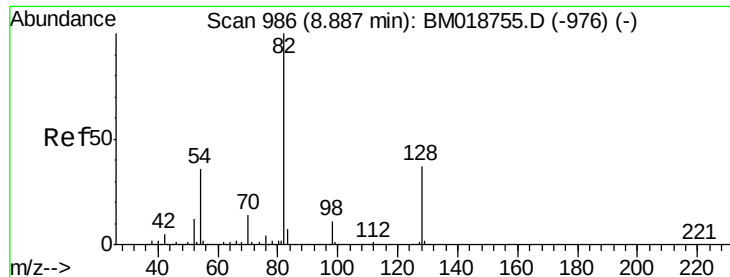
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

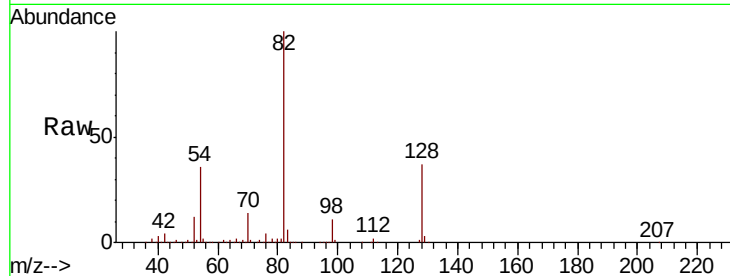




#23
Nitrobenzene-d5
Concen: 81.415 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

Instrument :
BNA_M
ClientSampleId :

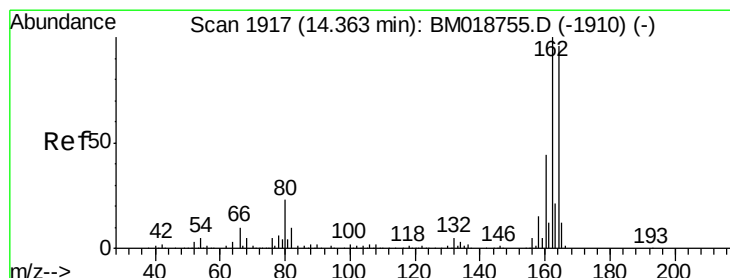
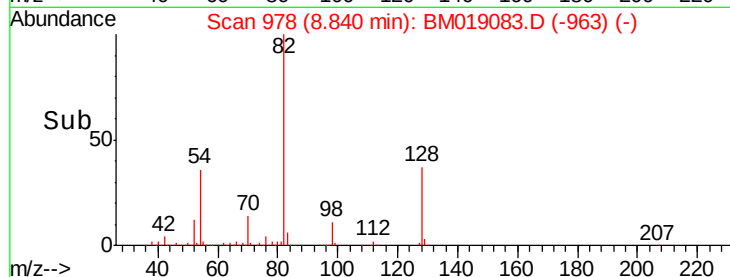
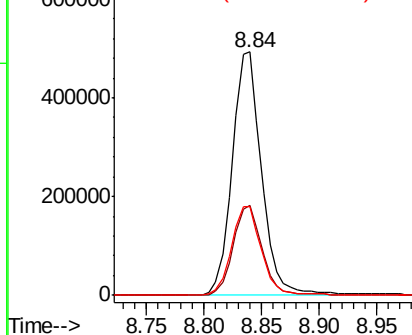
Tot Ion	82	Resp	867828
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.9	44.9
54	36.4	29.1	43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

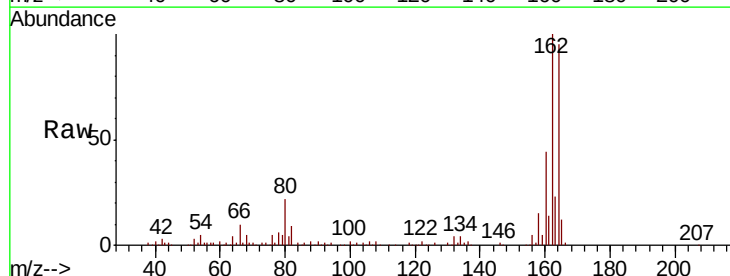
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

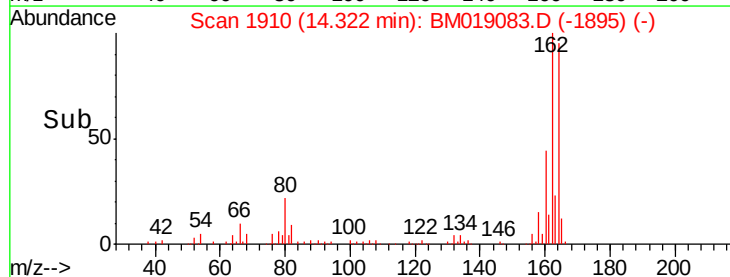
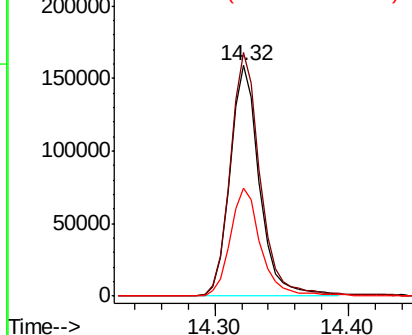
Tgt Ion	164	Resp	245982
Ion Ratio	Lower	Upper	
164	100		
162	105.5	83.4	125.0
160	46.5	36.6	55.0

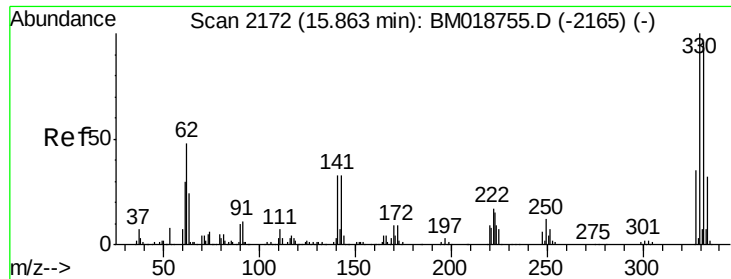


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

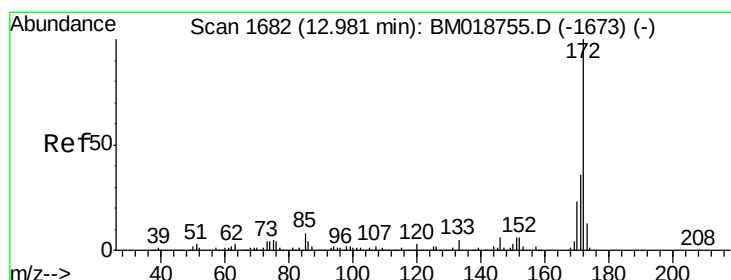
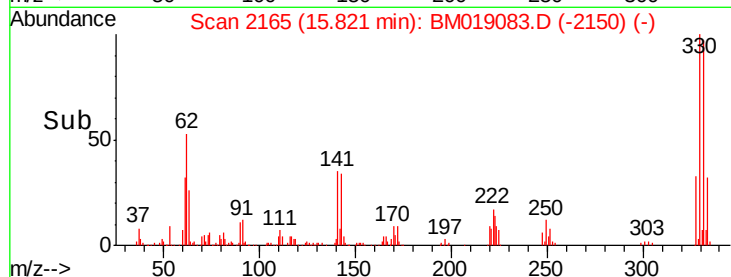
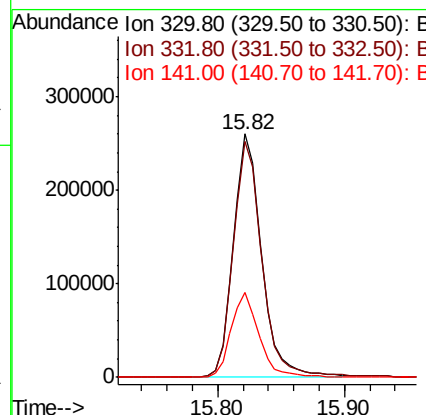
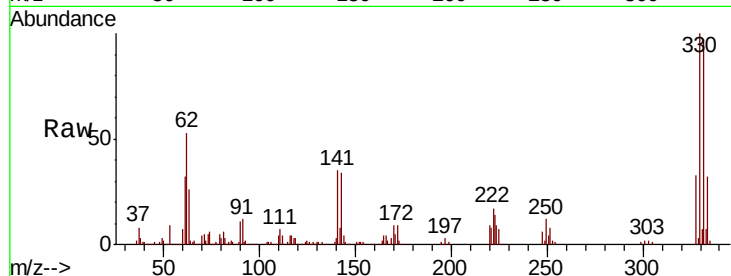




#42
 2,4,6-Tribromophenol
 Concen: 112.876 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM019083.D
 Acq: 08 Mar 2019 20:52

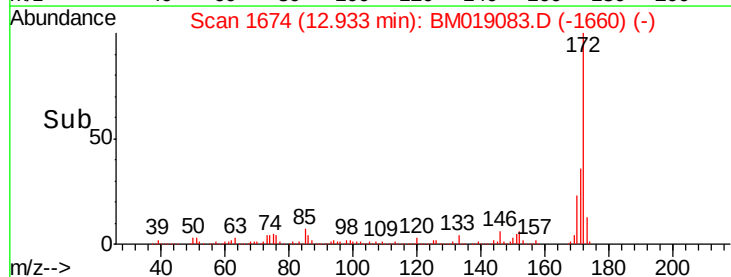
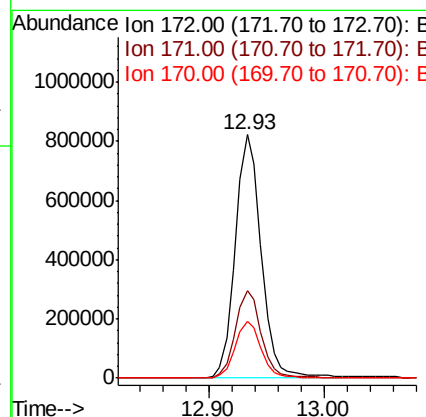
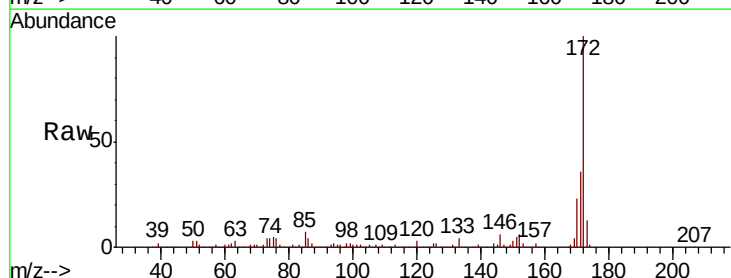
Instrument :
 BNA_M
 ClientSampleId :

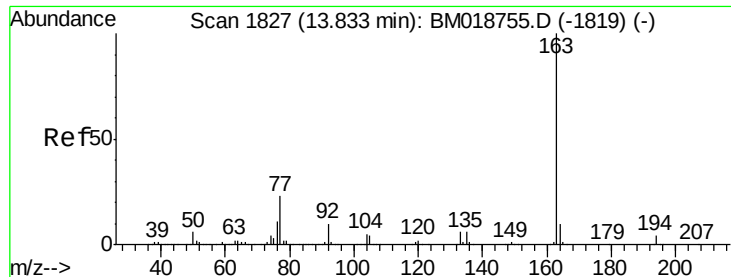
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	34.7	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 69.408 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM019083.D
 Acq: 08 Mar 2019 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.1	18.6	28.0

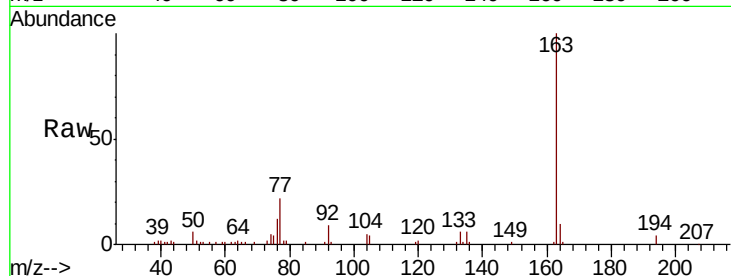




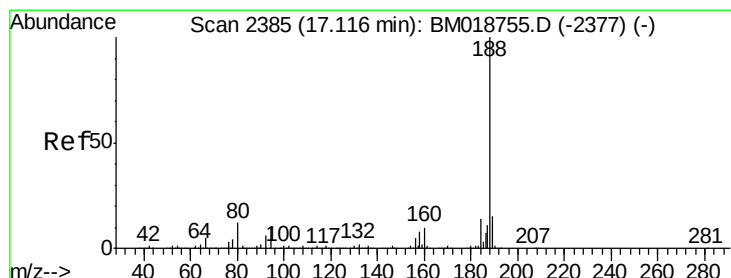
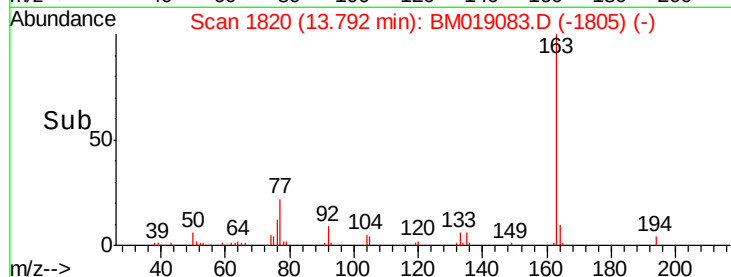
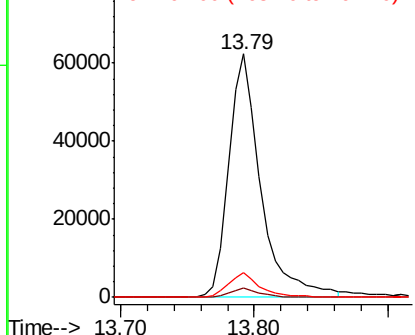
#50
Dimethylphthalate
Concen: 5.096 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 104474
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 7.8 11.8

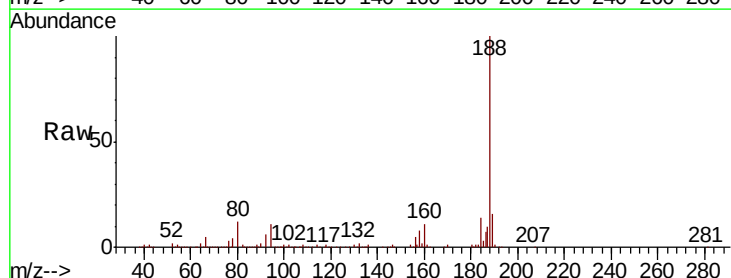


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

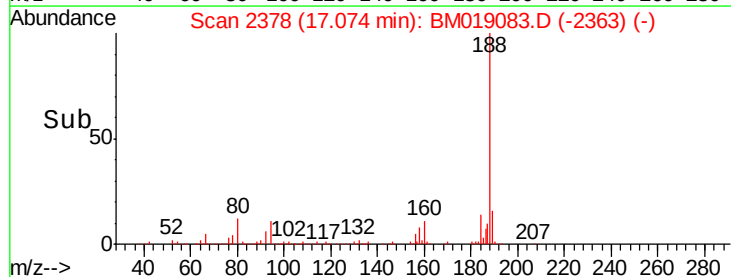
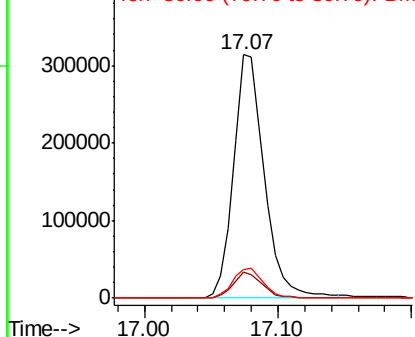


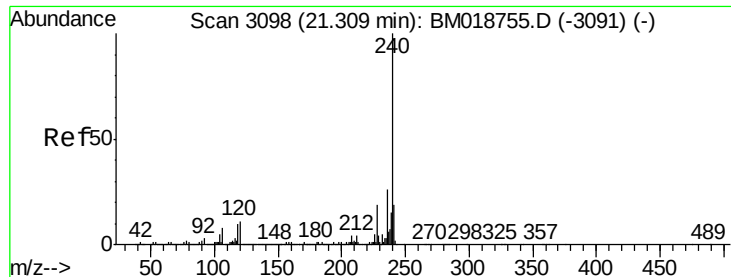
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

Tgt Ion:188 Resp: 503800
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.8 9.7 14.5



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

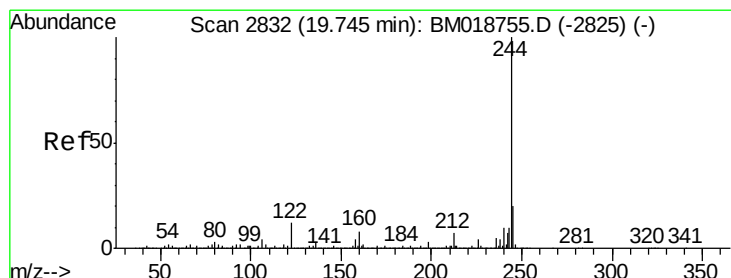
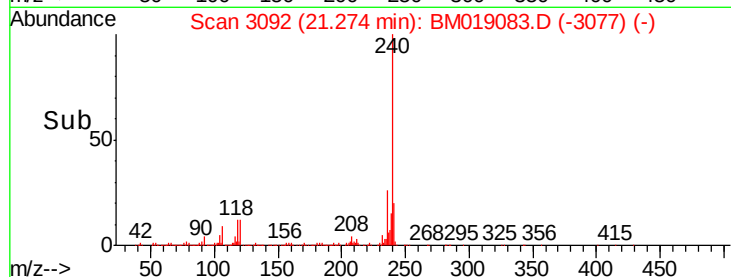
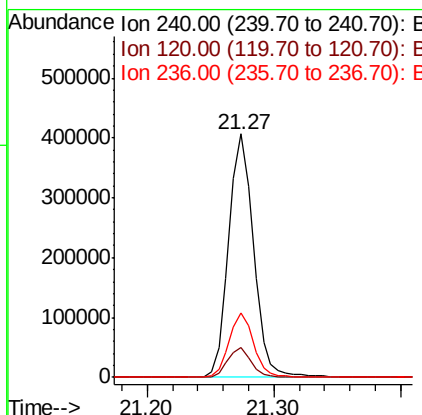
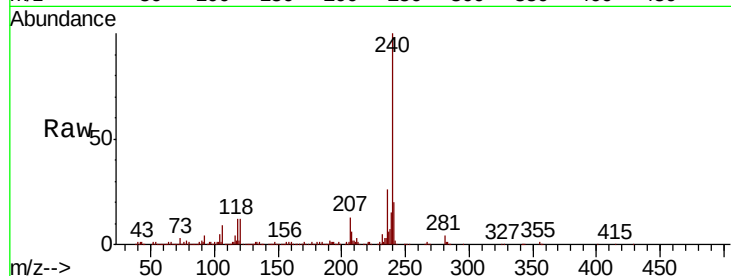




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM019083.D
 Acq: 08 Mar 2019 20:52

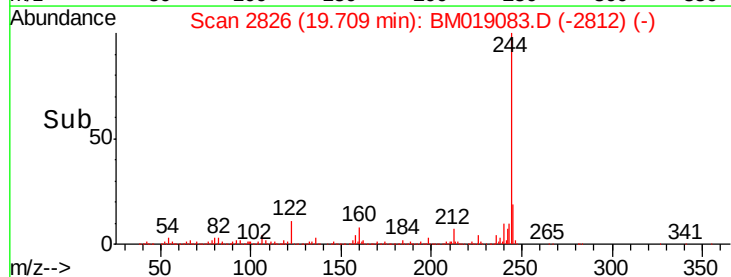
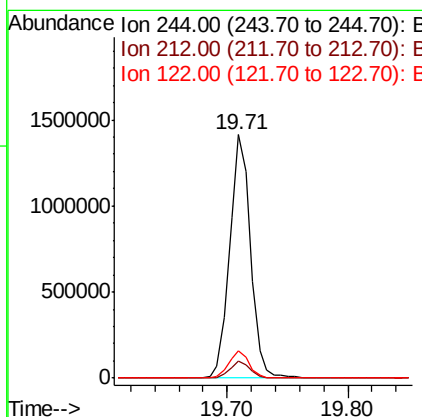
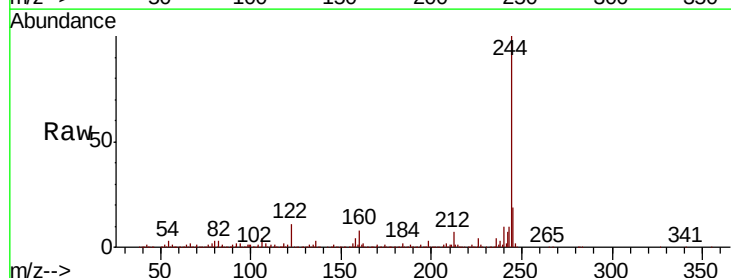
Instrument :
 BNA_M
 ClientSampled :

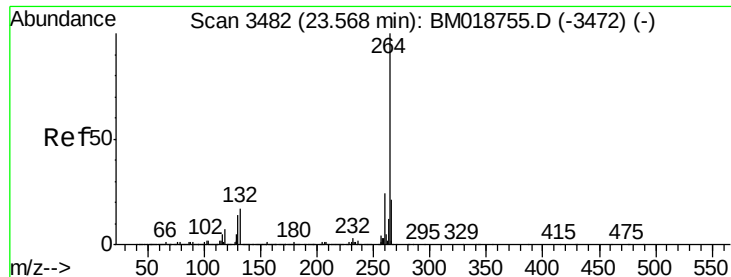
Tot Ion:240 Resp: 554209
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.9 13.3
 236 26.4 20.9 31.3



#79
 Terphenyl-d14
 Concen: 63.234 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.02 min
 Lab File: BM019083.D
 Acq: 08 Mar 2019 20:52

Tgt Ion:244 Resp: 1698822
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.2 9.3 13.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019083.D
Acq: 08 Mar 2019 20:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.5	17.3	25.9

