

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019085.D
 Acq On : 08 Mar 2019 22:04
 Operator : JU/SJ
 Sample : K1807-37
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:48:19 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

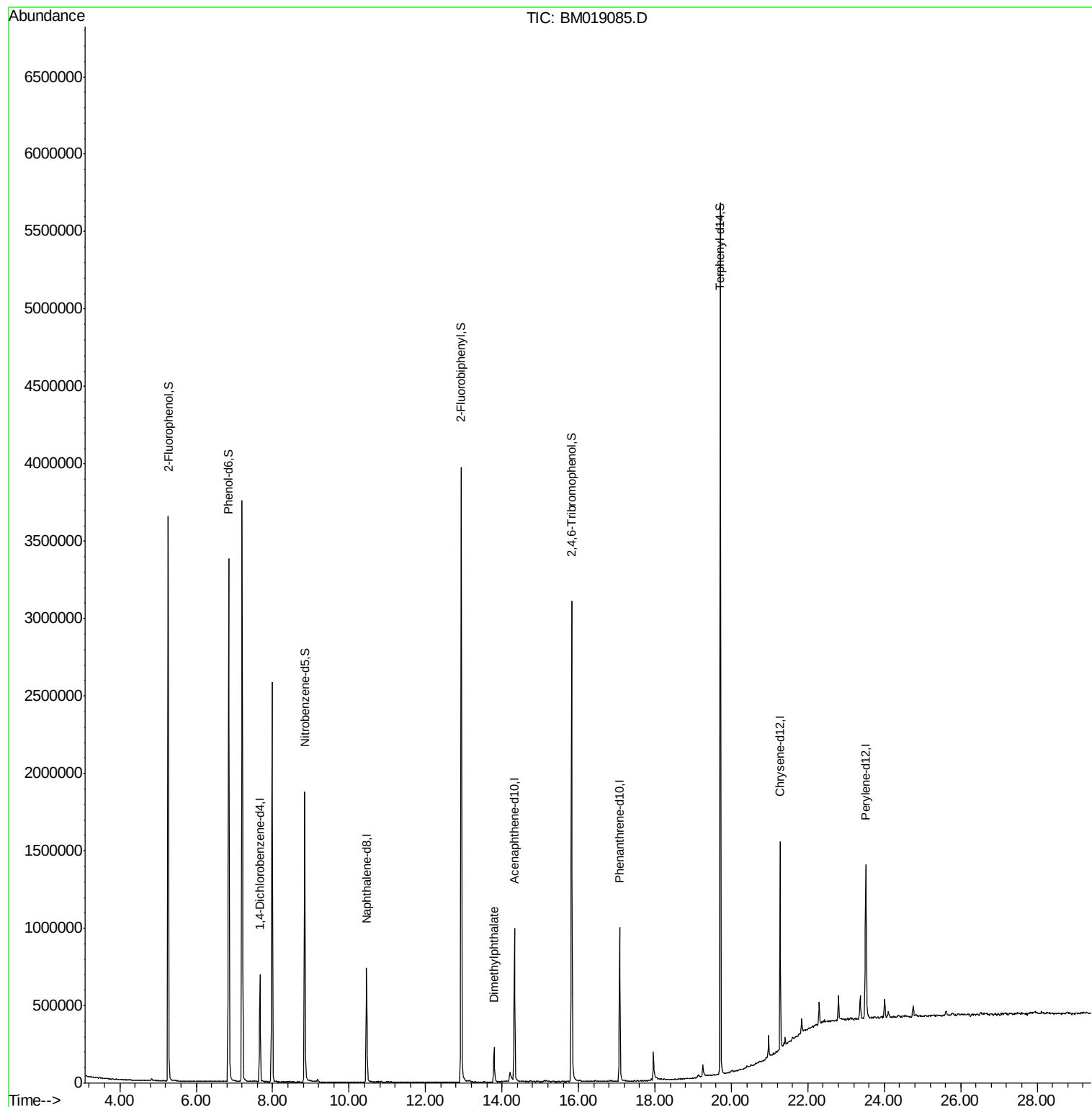
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	176769	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	635292	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	317851	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	623889	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	627808	20.00	ng	-0.01
87) Perylene-d12	23.52	264	733877	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1511827	140.13	ng	0.00
7) Phenol-d6	6.85	99	2012320	132.40	ng	-0.01
23) Nitrobenzene-d5	8.84	82	1253388	91.23	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	584498	127.57	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	2022889	84.48	ng	-0.02
79) Terphenyl-d14	19.71	244	2468649	81.12	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	4277	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.79	163	166247	6.276 ng		99

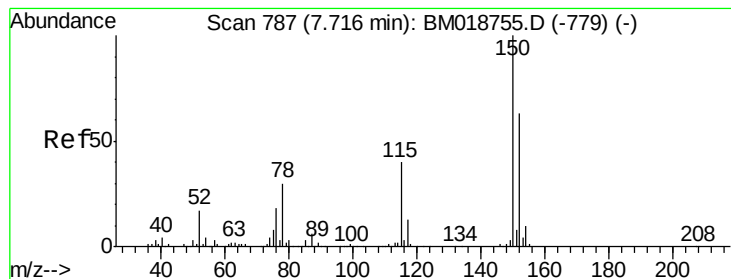
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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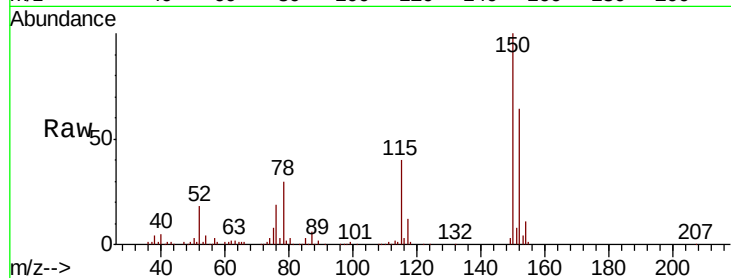


#1

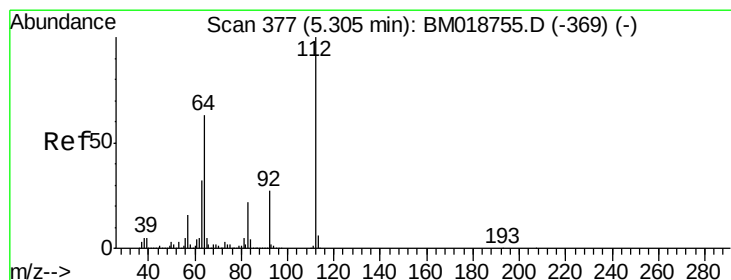
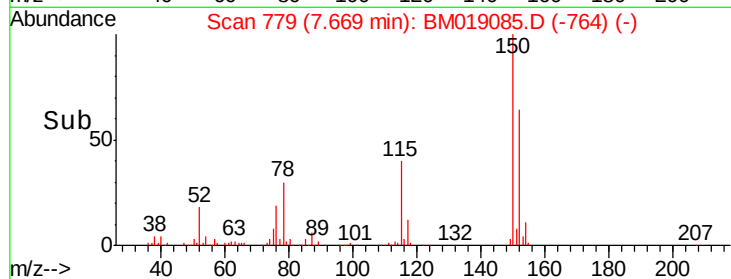
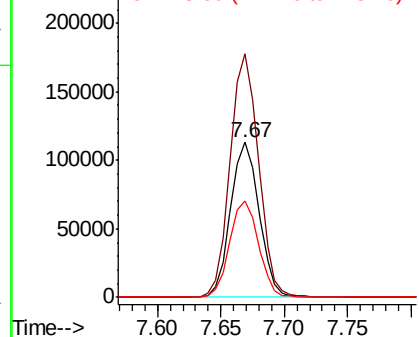
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019085.D
Acq: 08 Mar 2019 22:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 176769
Ion Ratio Lower Upper
152 100
150 157.1 127.3 190.9
115 62.5 50.8 76.2



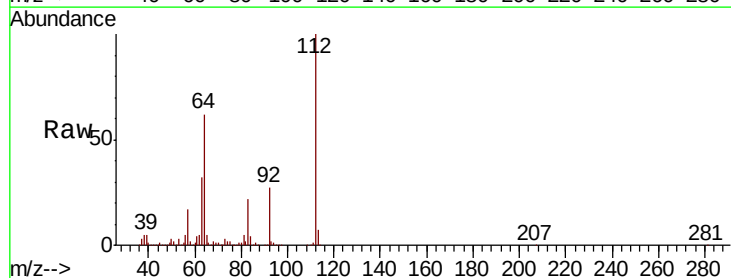
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



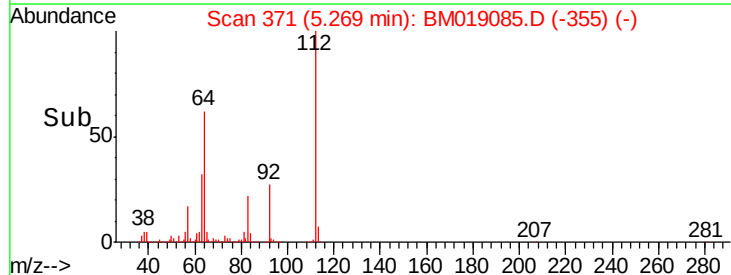
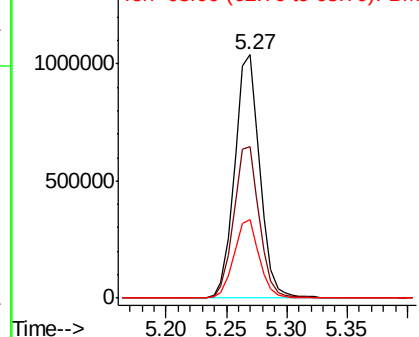
#5

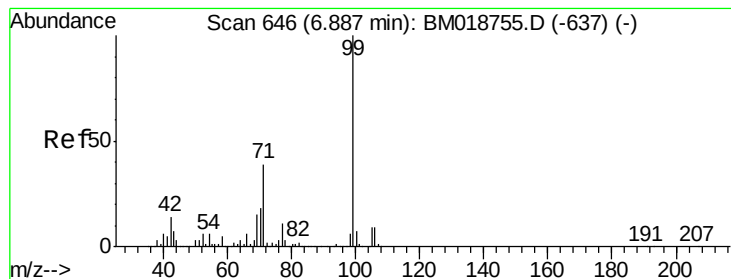
2-Fluorophenol
Concen: 140.131 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019085.D
Acq: 08 Mar 2019 22:04

Tgt Ion:112 Resp: 1511827
Ion Ratio Lower Upper
112 100
64 62.2 50.6 75.8
63 32.0 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: 132.402 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM019085.D

Acq: 08 Mar 2019 22:04

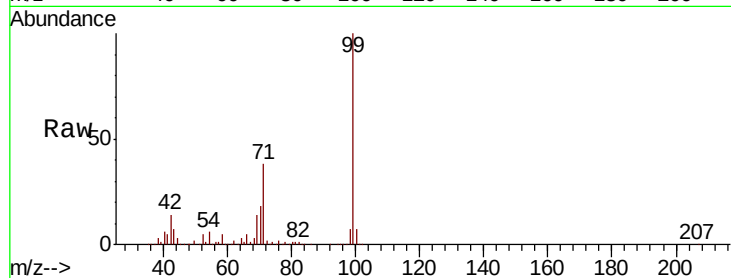
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2012320

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

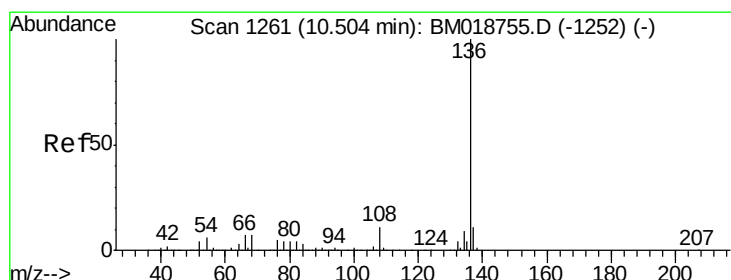
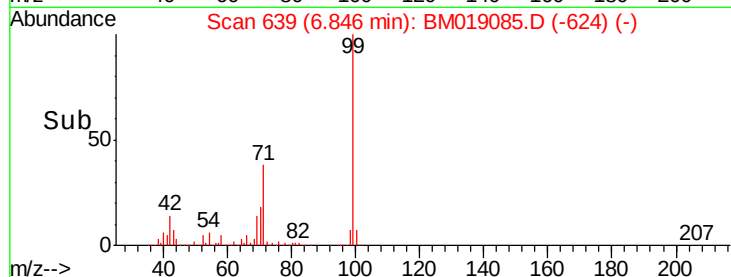
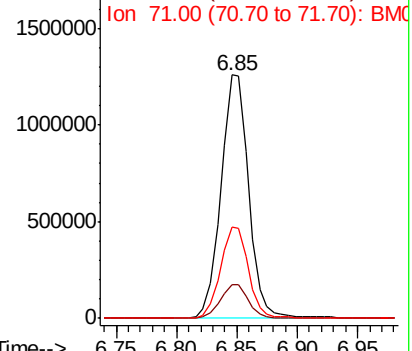


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

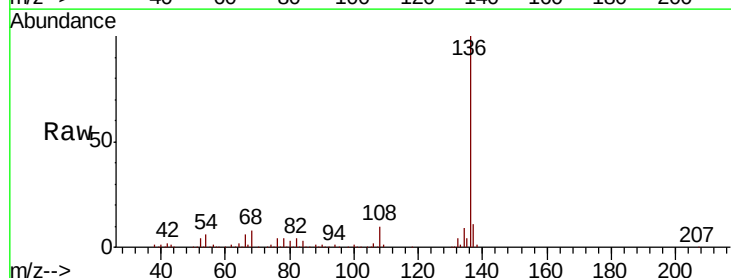
Delta R.T. -0.01 min

Lab File: BM019085.D

Acq: 08 Mar 2019 22:04

Tgt Ion: 136 Resp: 635292

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.0	7.6
68	7.6	5.5	8.3



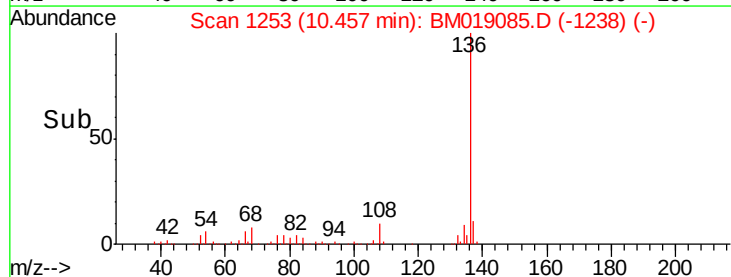
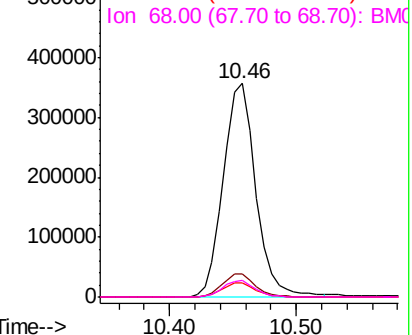
Abundance

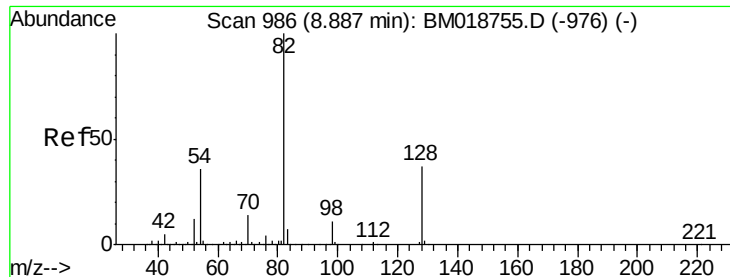
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

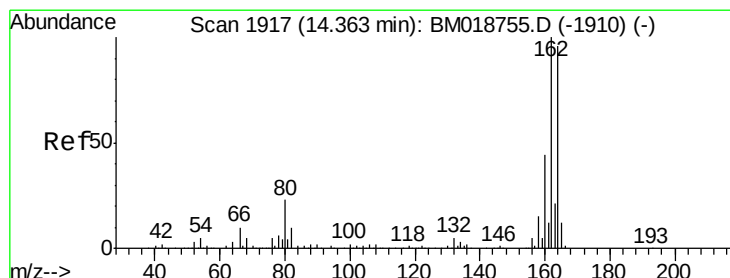
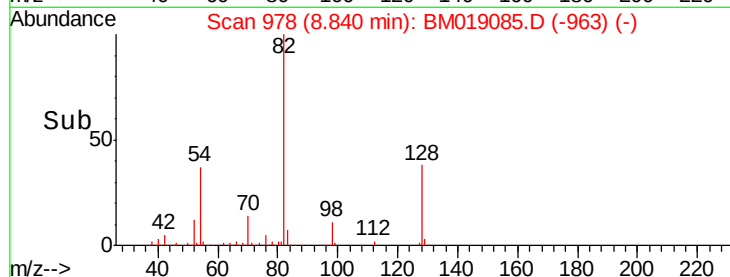
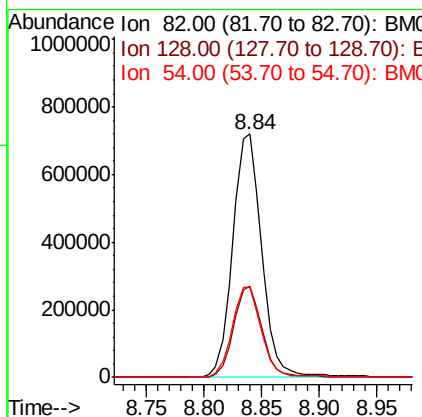
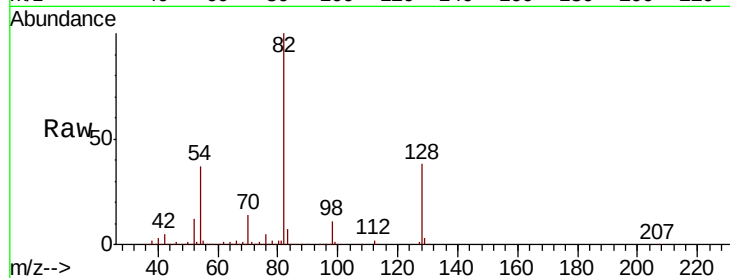




#23
Nitrobenzene-d5
Concen: 91.226 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019085.D
Acq: 08 Mar 2019 22:04

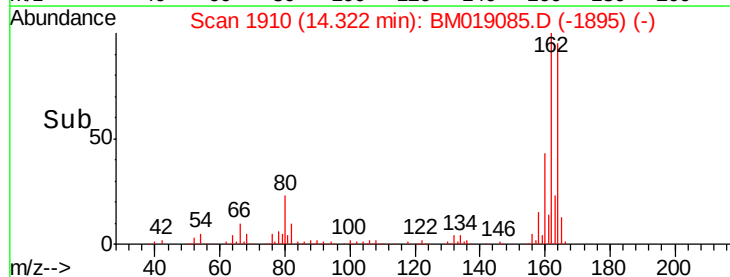
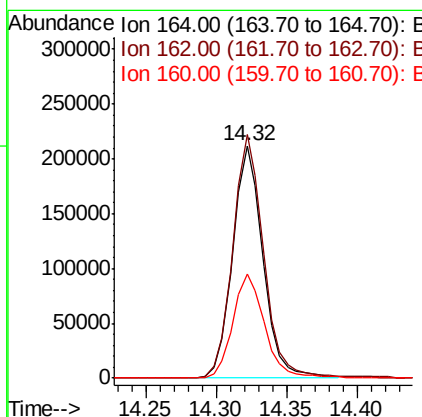
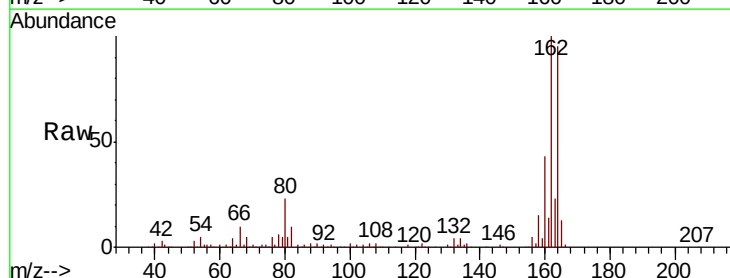
Instrument :
BNA_M
ClientSampled :

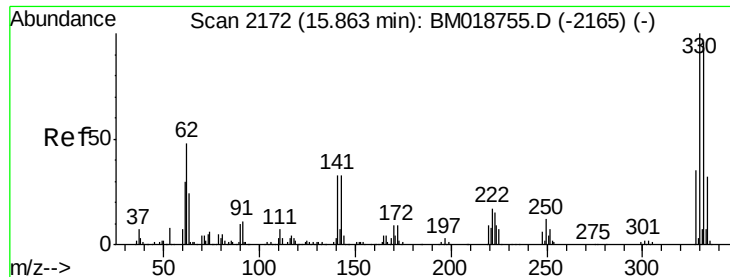
Tot Ion: 82 Resp: 1253388
Ion Ratio Lower Upper
82 100
128 37.6 29.9 44.9
54 36.9 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019085.D
Acq: 08 Mar 2019 22:04

Tgt Ion:164 Resp: 317851
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.0
160 44.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 127.571 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM019085.D

Acq: 08 Mar 2019 22:04

Instrument :

BNA_M

ClientSampled :

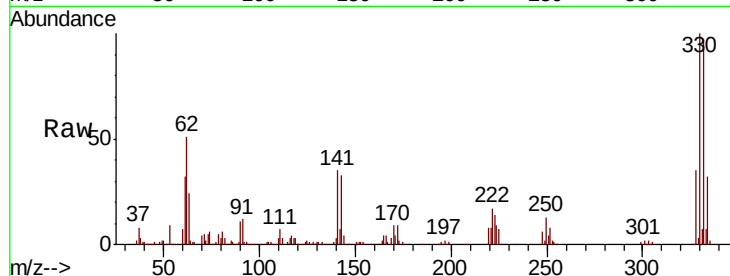
Tot Ion:330 Resp: 584498

Ion Ratio Lower Upper

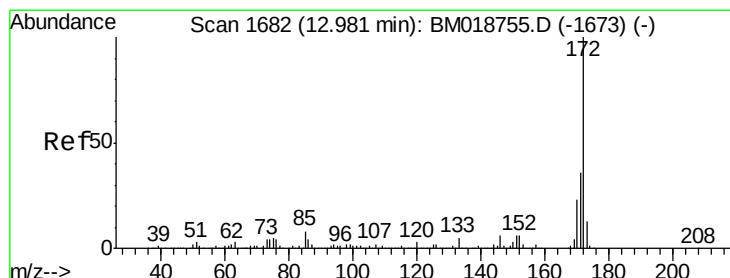
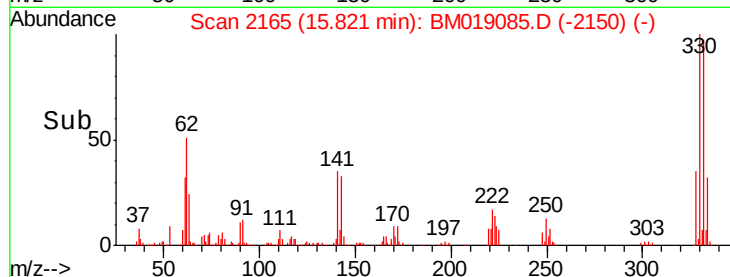
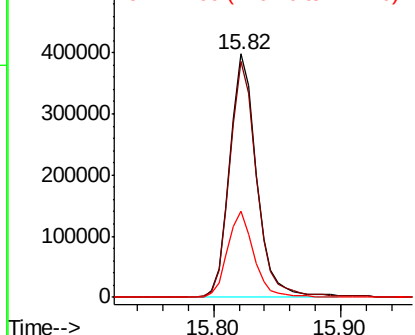
330 100

332 97.2 76.9 115.3

141 34.7 28.7 43.1



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



#45

2-Fluorobiphenyl

Concen: 84.484 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.02 min

Lab File: BM019085.D

Acq: 08 Mar 2019 22:04

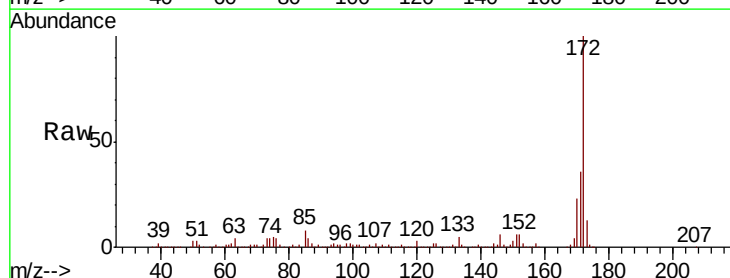
Tgt Ion:172 Resp: 2022889

Ion Ratio Lower Upper

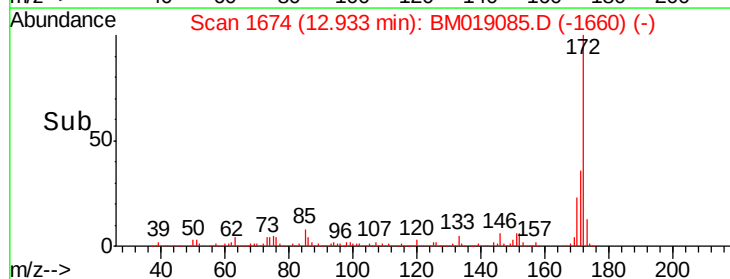
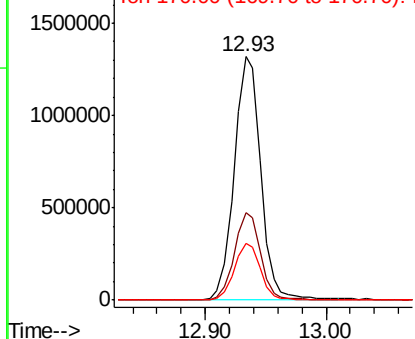
172 100

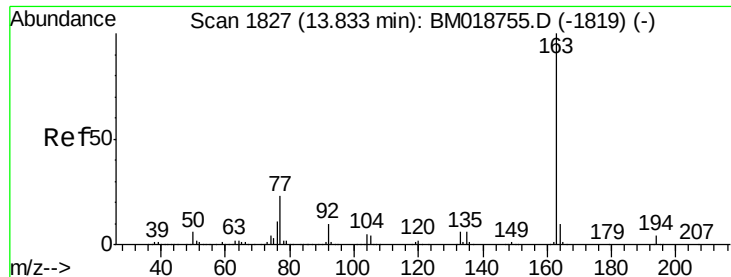
171 36.1 29.0 43.6

170 23.5 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.276 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019085.D

Acq: 08 Mar 2019 22:04

Instrument :

BNA_M

ClientSampled :

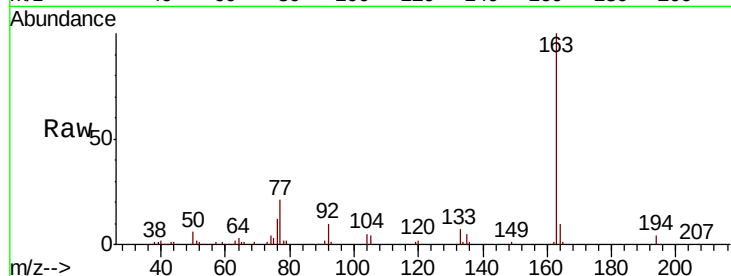
Tot Ion:163 Resp: 166247

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

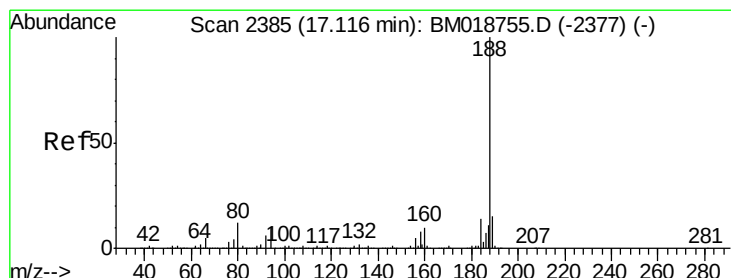
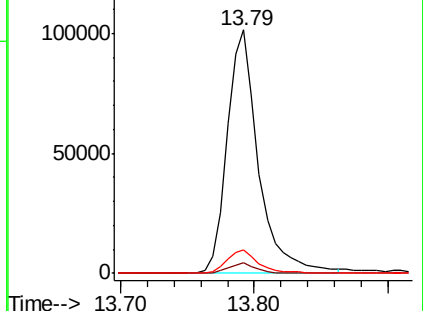
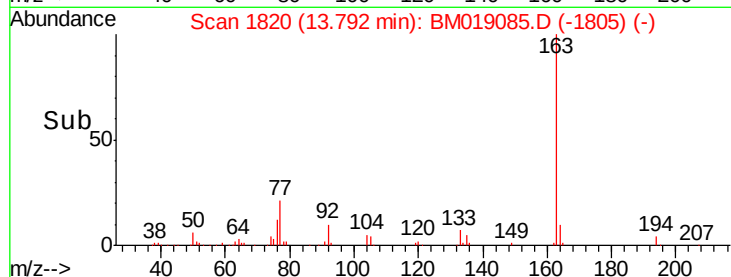
164 9.7 7.8 11.8



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: BM019085.D

Acq: 08 Mar 2019 22:04

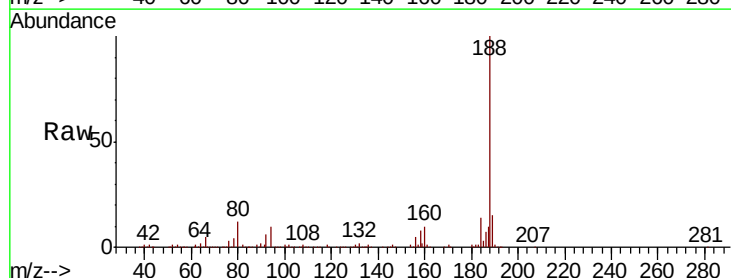
Tgt Ion:188 Resp: 623889

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

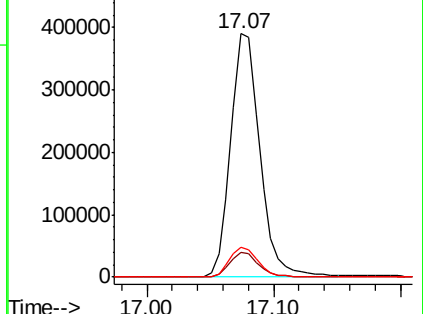
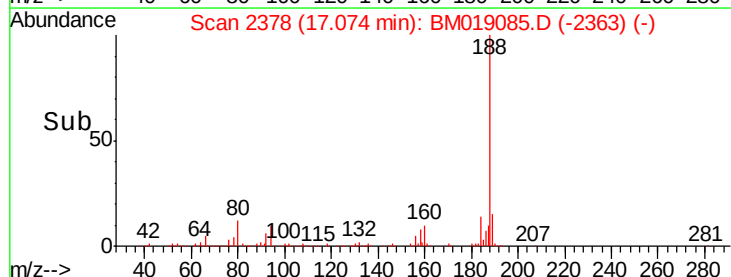
80 12.5 9.7 14.5

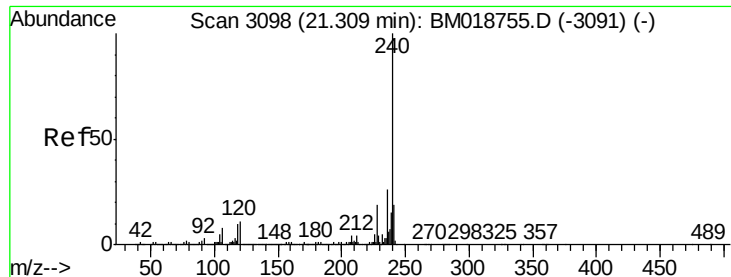


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

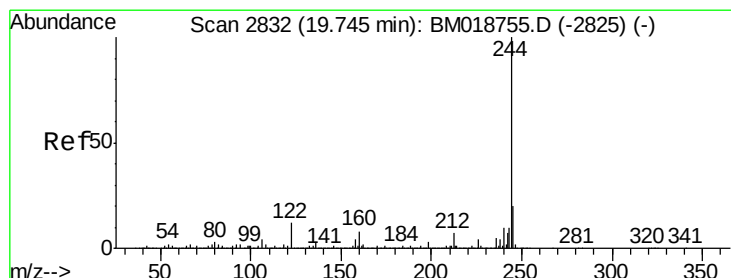
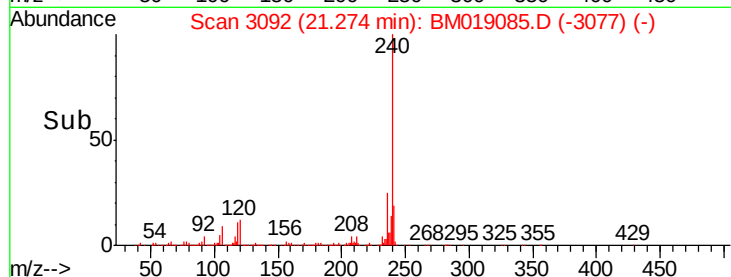
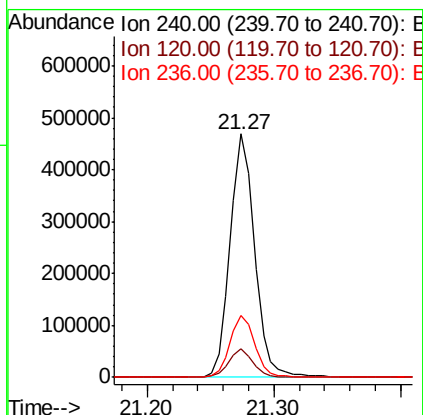
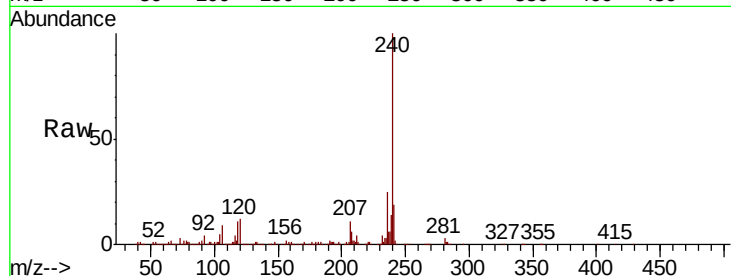




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019085.D
Acq: 08 Mar 2019 22:04

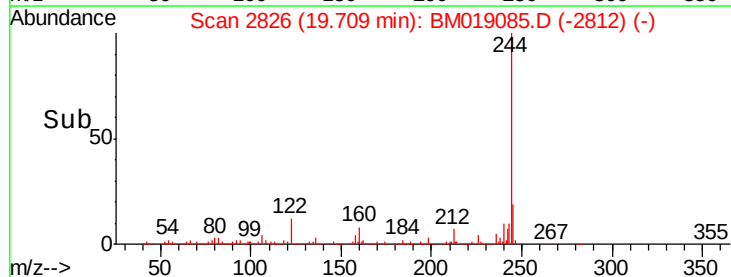
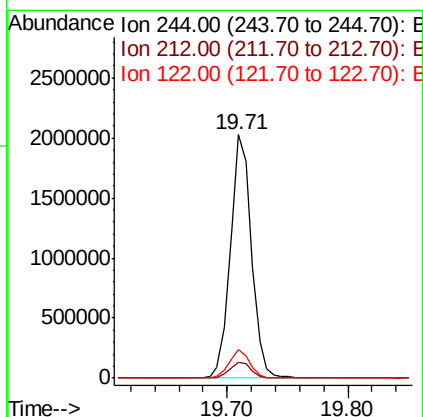
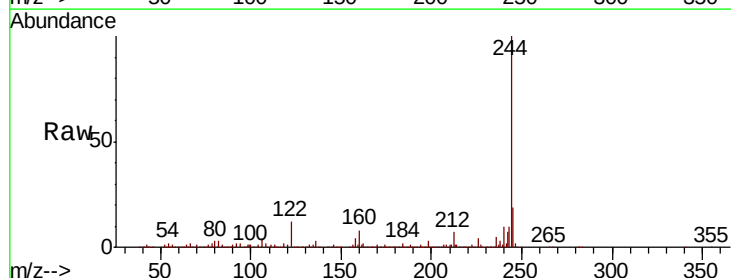
Instrument :
BNA_M
ClientSampleId :

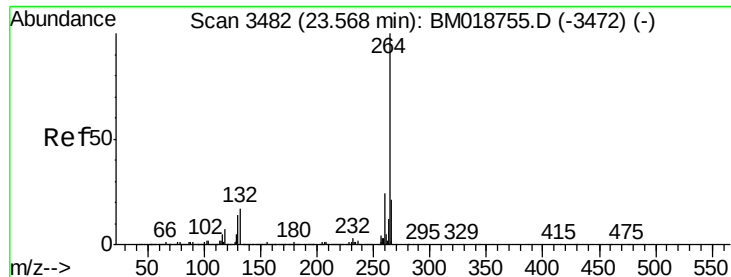
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.4	20.9	31.3



#79
Terphenyl-d14
Concen: 81.117 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BM019085.D
Acq: 08 Mar 2019 22:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.6	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: BM019085.D
Acq: 08 Mar 2019 22:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	733877
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	22.6	17.3	25.9

