

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019020.D
 Acq On : 04 Mar 2019 21:29
 Operator : JU/SJ
 Sample : K1655-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWP

Quant Time: Mar 05 04:18:01 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	7.68	152	247835	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	978624	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	555372	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1158814	20.00	ng	0.00
76) Chrysene-d12	21.28	240	927420	20.00	ng	0.00
87) Perylene-d12	23.53	264	894587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	641715	42.42	ng	0.00
7) Phenol-d6	6.85	99	546403	25.64	ng	0.00
23) Nitrobenzene-d5	8.85	82	1847767	87.30	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	728810	91.04	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3704961	88.56	ng	0.00
79) Terphenyl-d14	19.72	244	4561699	101.47	ng	0.00

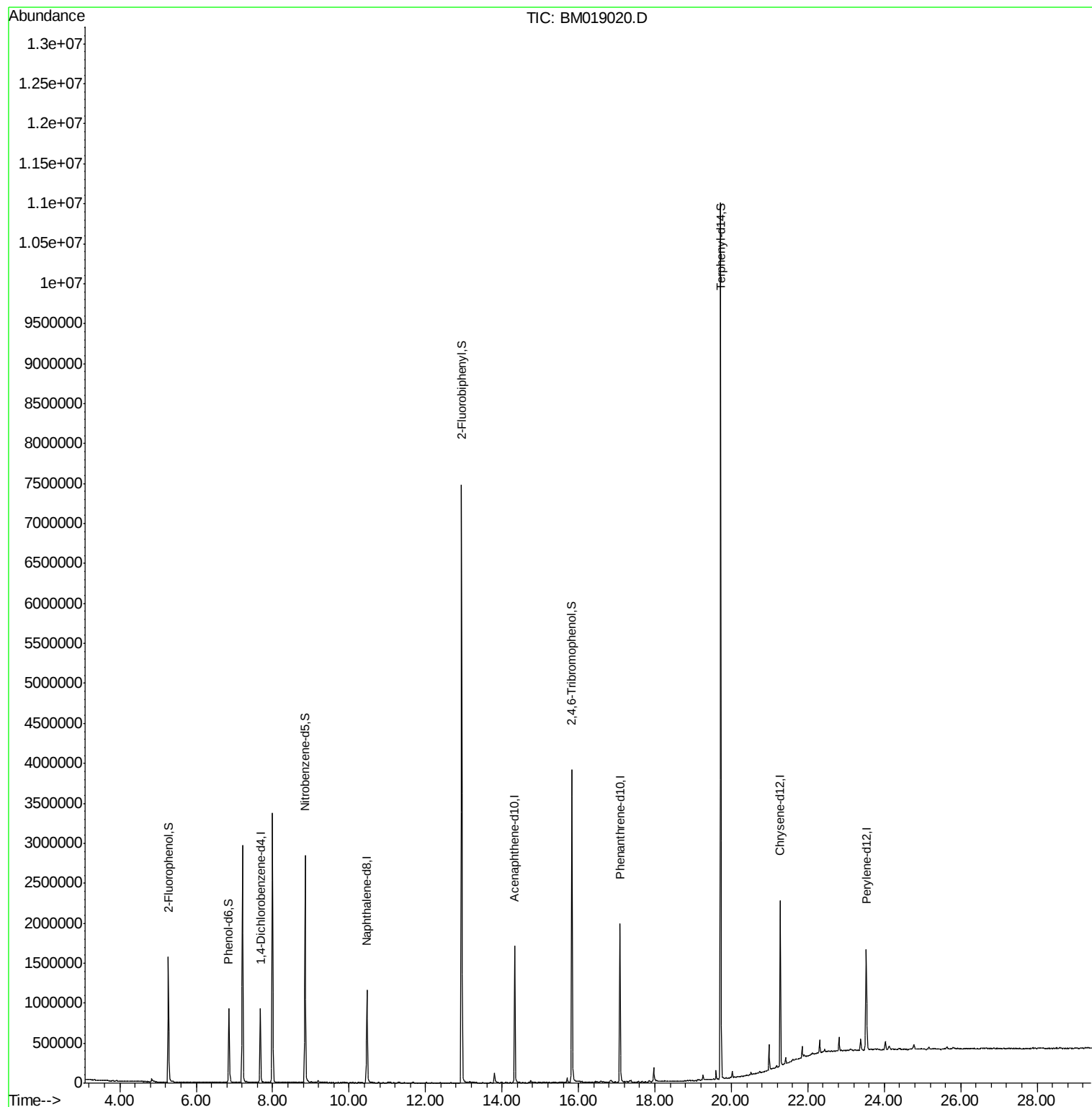
Target Compounds Qvalue

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

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Instrument :
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ClientSampleId :
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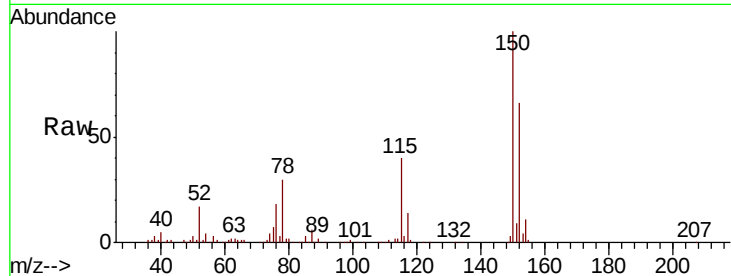


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.3	190.9
115	61.1	50.8	76.2

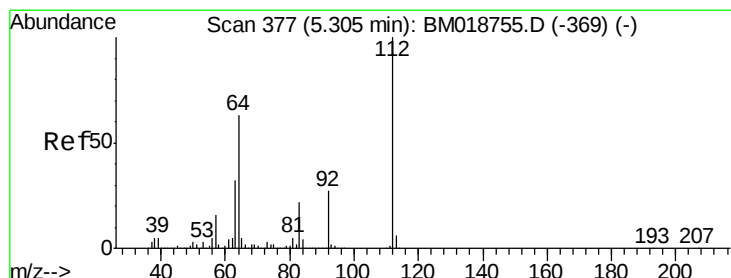
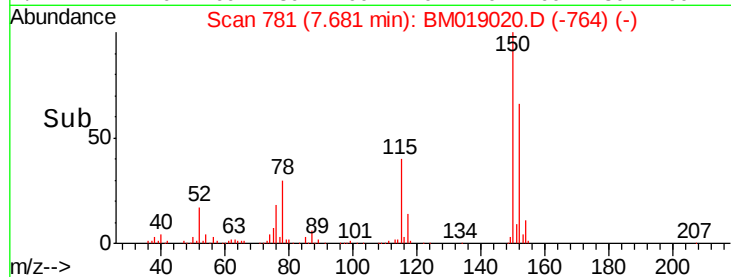
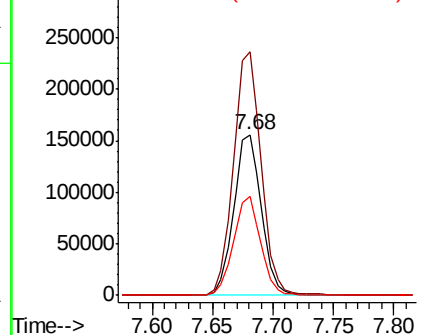


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

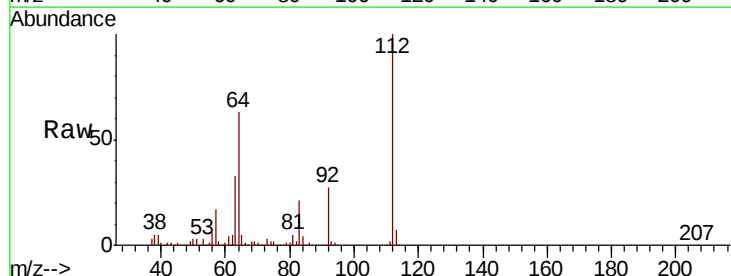
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.425 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	75.8
63	32.5	25.7	38.5

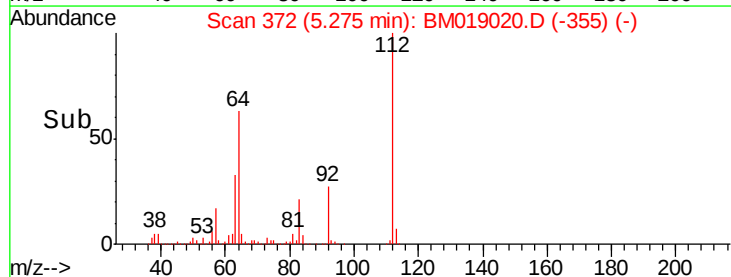
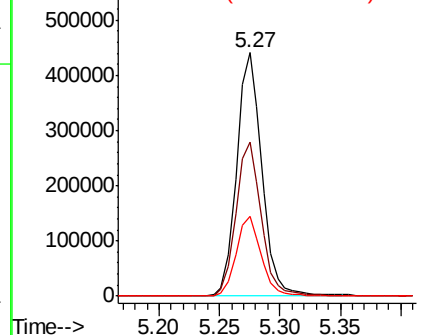


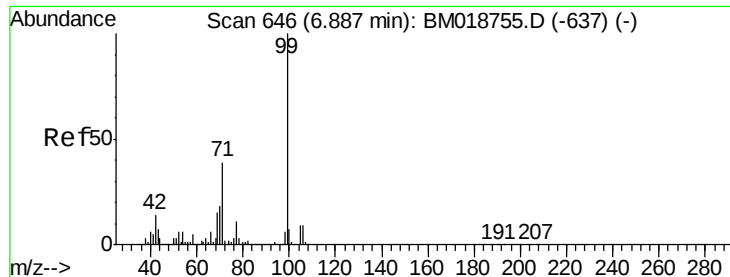
Abundance

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: 25.642 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019020.D

Acq: 04 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

A0C1-TWP

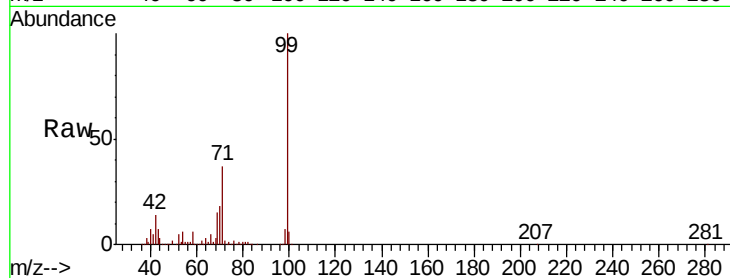
Tot Ion: 99 Resp: 546403

Ion Ratio Lower Upper

99 100

42 14.2 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) (-)

6.85

400000

300000

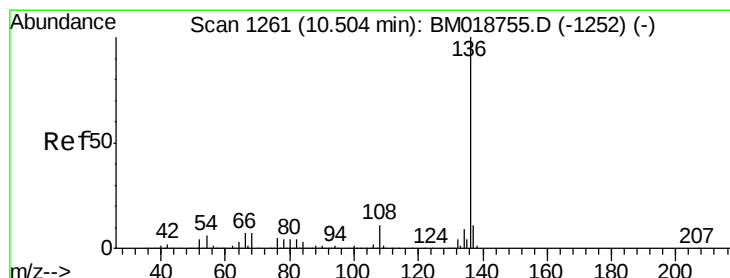
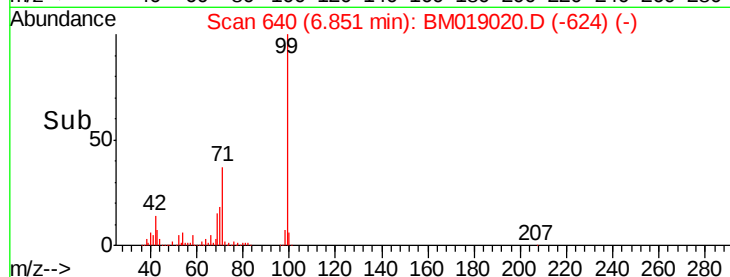
200000

100000

0

6.80 6.85 6.90 6.95

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019020.D

Acq: 04 Mar 2019 21:29

Tgt Ion: 136 Resp: 978624

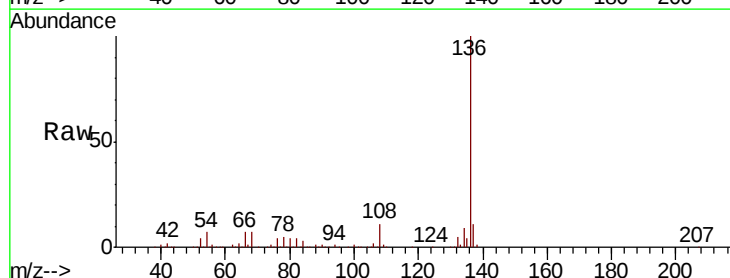
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.5 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) (-)

10.46

800000

600000

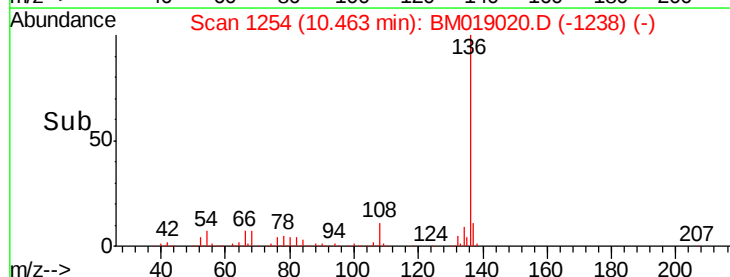
400000

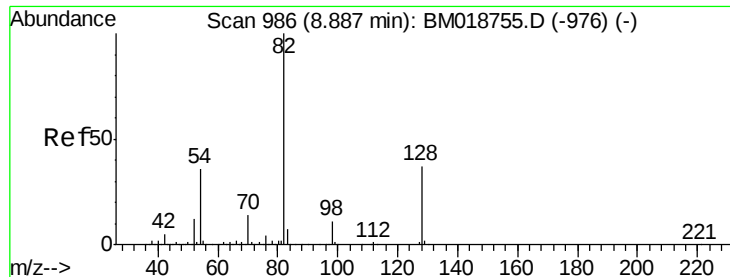
200000

0

10.40 10.50

Time-->

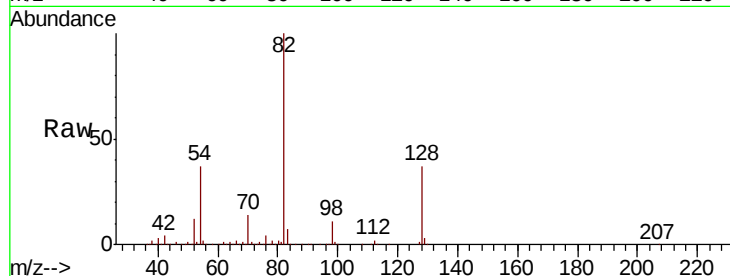




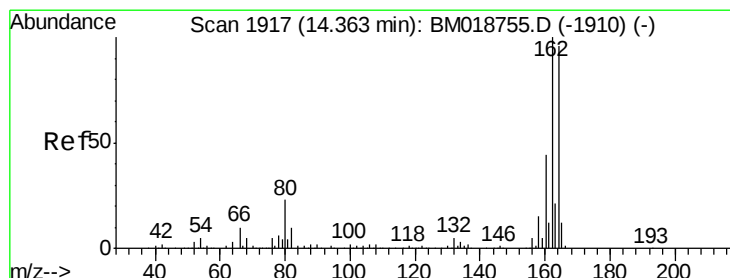
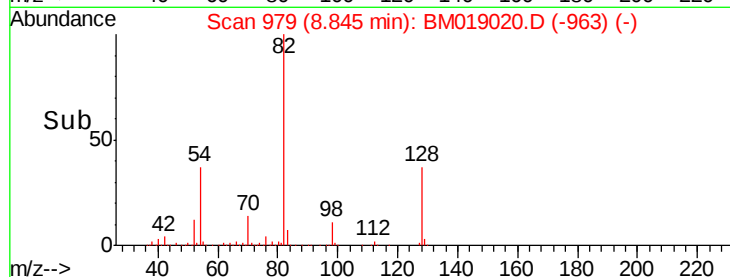
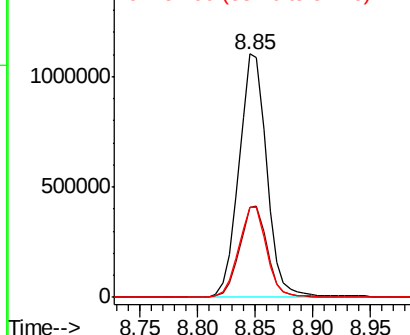
#23
 Nitrobenzene-d5
 Concen: 87.304 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWP

Tot Ion	82	Resp	1847767
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	37.2	29.1	43.7

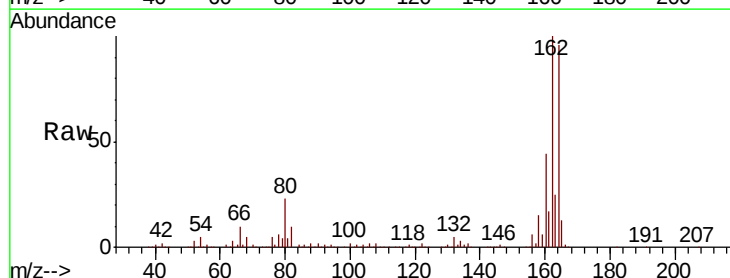


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

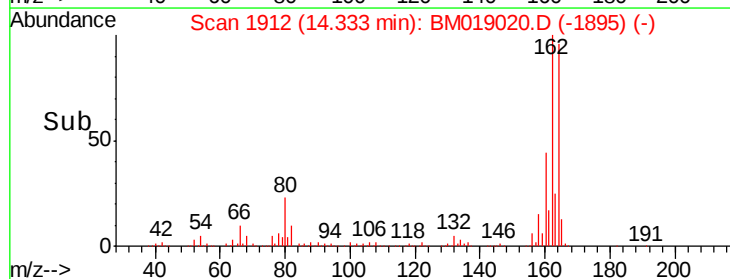
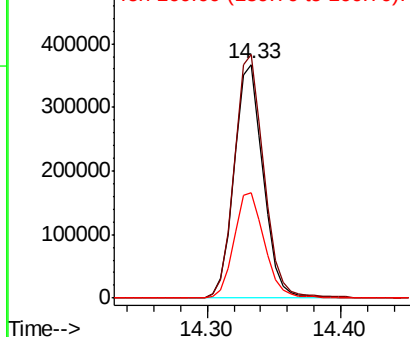


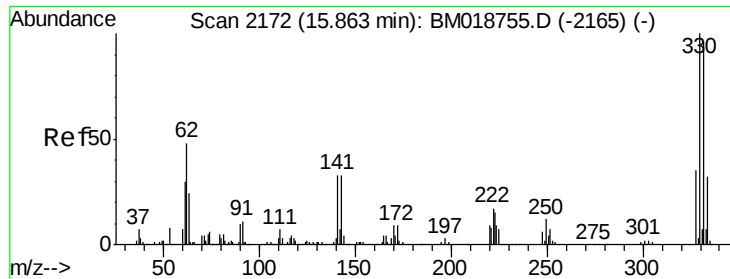
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Tgt Ion	164	Resp	555372
Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	45.3	36.6	55.0



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

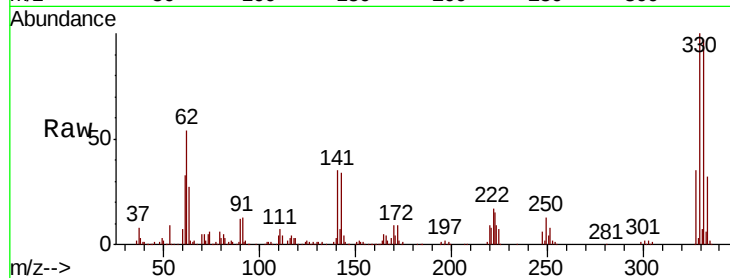




#42
 2,4,6-Tribromophenol
 Concen: 91.038 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	34.3	28.7	43.1

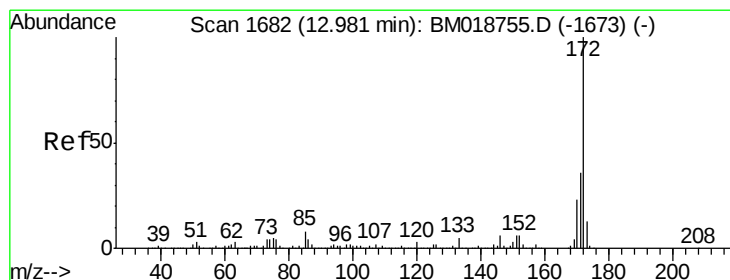
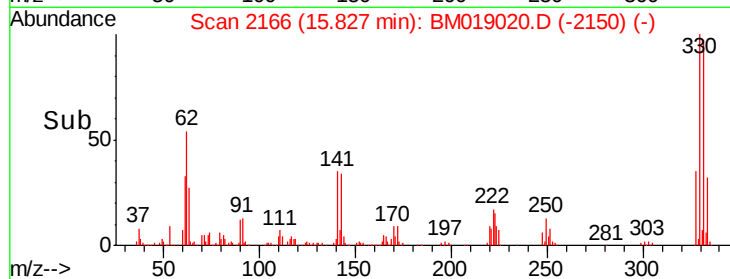
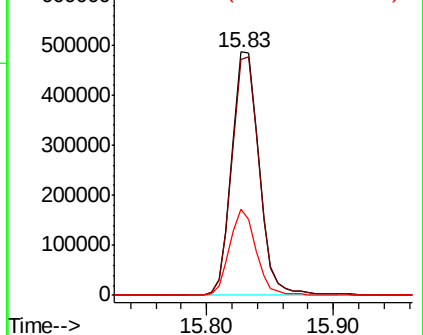


Abundance

Ion 329.80 (329.50 to 330.50): E

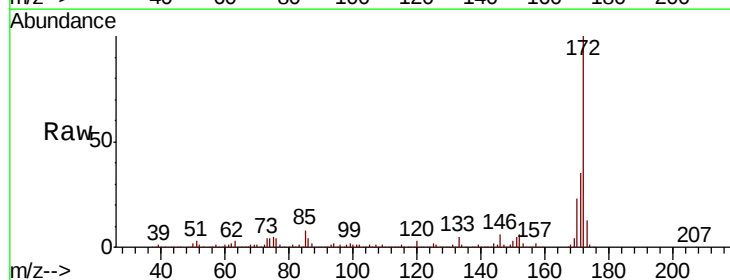
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.558 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.4	18.6	28.0

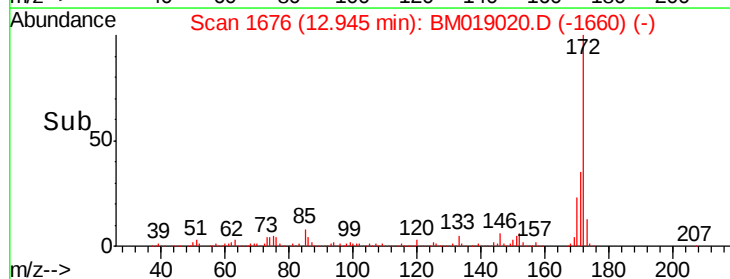
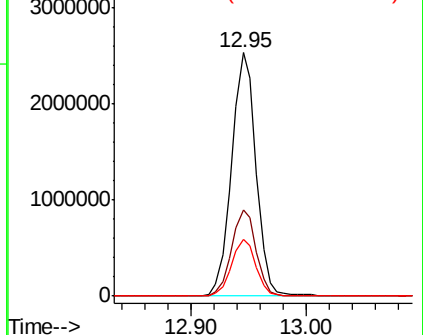


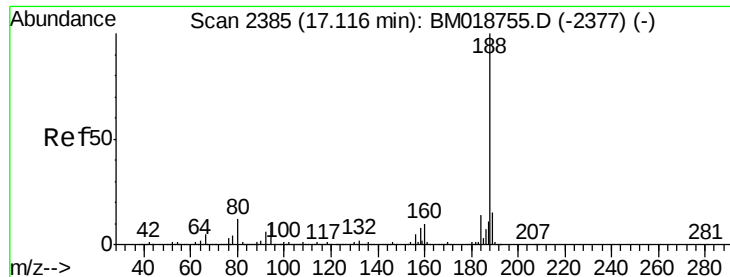
Abundance

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

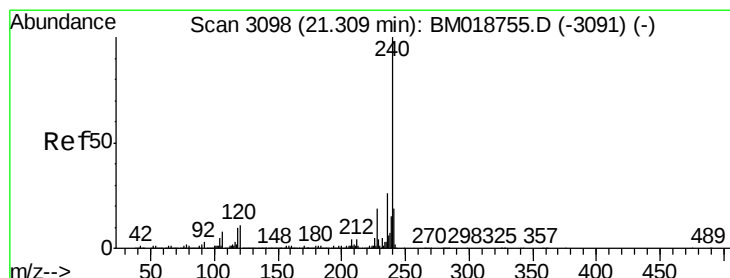
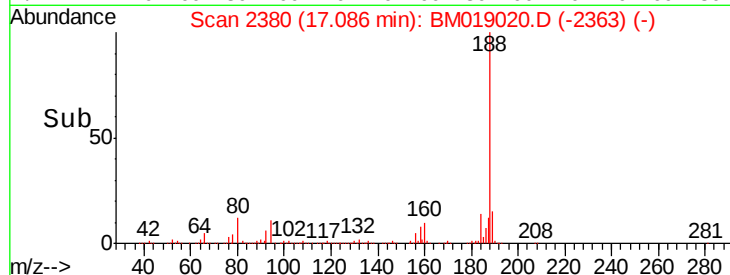
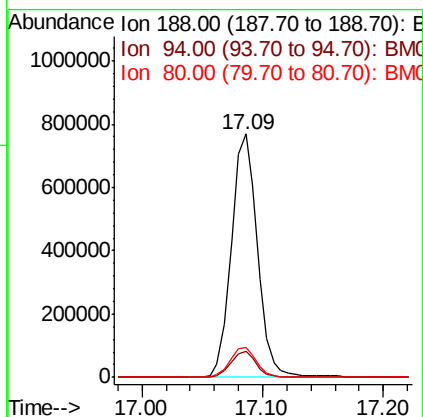
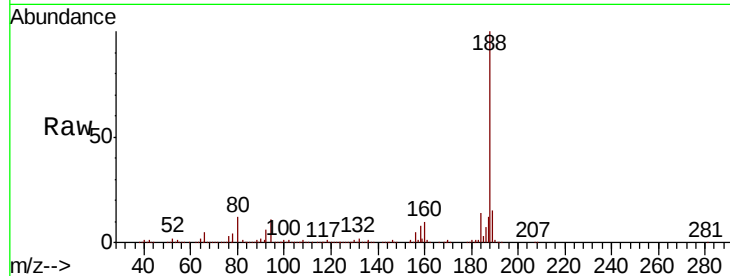




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

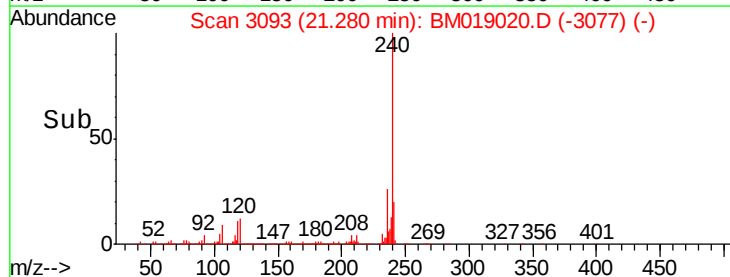
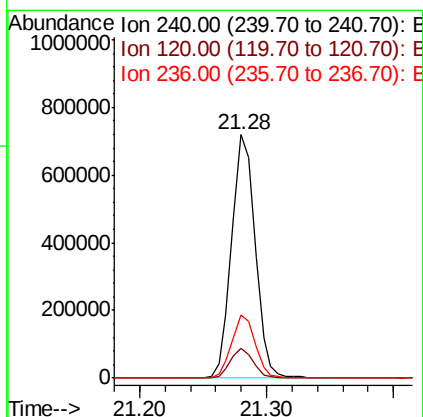
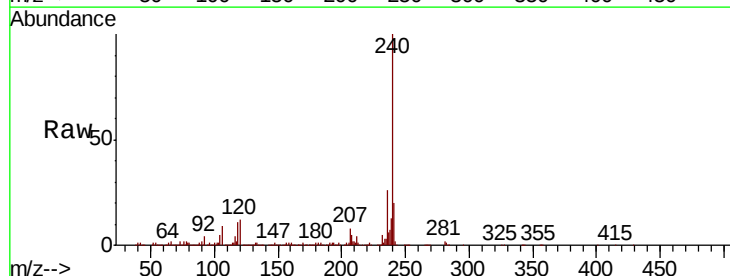
Instrument :
BNA_M
ClientSampleId :
A0C1-TWP

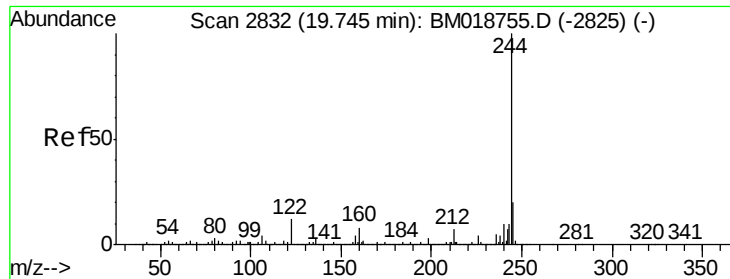
Tot Ion:188 Resp: 1158814
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 12.5 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Tgt Ion:240 Resp: 927420
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 101.468 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019020.D

Acq: 04 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

A0C1-TWP

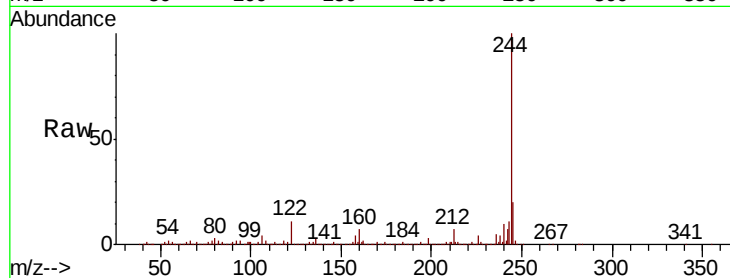
Tot Ion:244 Resp: 4561699

Ion Ratio Lower Upper

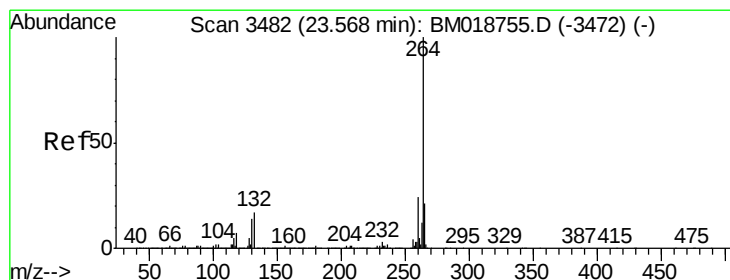
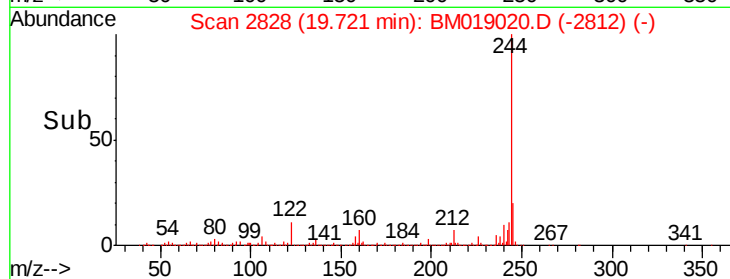
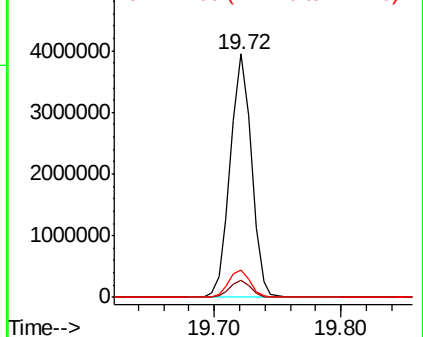
244 100

212 6.8 5.6 8.4

122 11.4 9.3 13.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019020.D

Acq: 04 Mar 2019 21:29

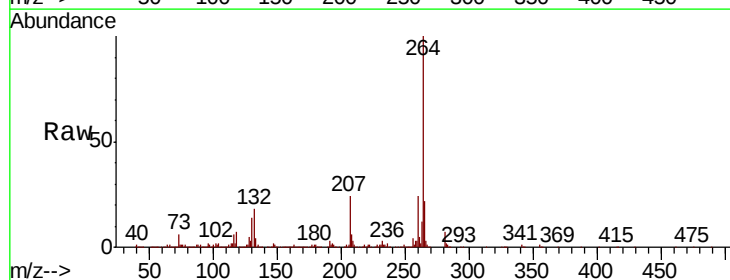
Tgt Ion:264 Resp: 894587

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

