

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018832.D
 Acq On : 16 Feb 2019 00:19
 Operator : JU/SJ
 Sample : K1502-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Quant Time: Feb 16 02:46:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	275722	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1085855	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	616302	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1461050	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1438816	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1206477	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2155822	128.11	ng	0.00
7) Phenol-d6	6.88	99	2681313	113.10	ng	0.00
23) Nitrobenzene-d5	8.87	82	2135911	90.95	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1230853	138.55	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4137253	89.11	ng	0.00
79) Terphenyl-d14	19.74	244	7272092	104.26	ng	0.00

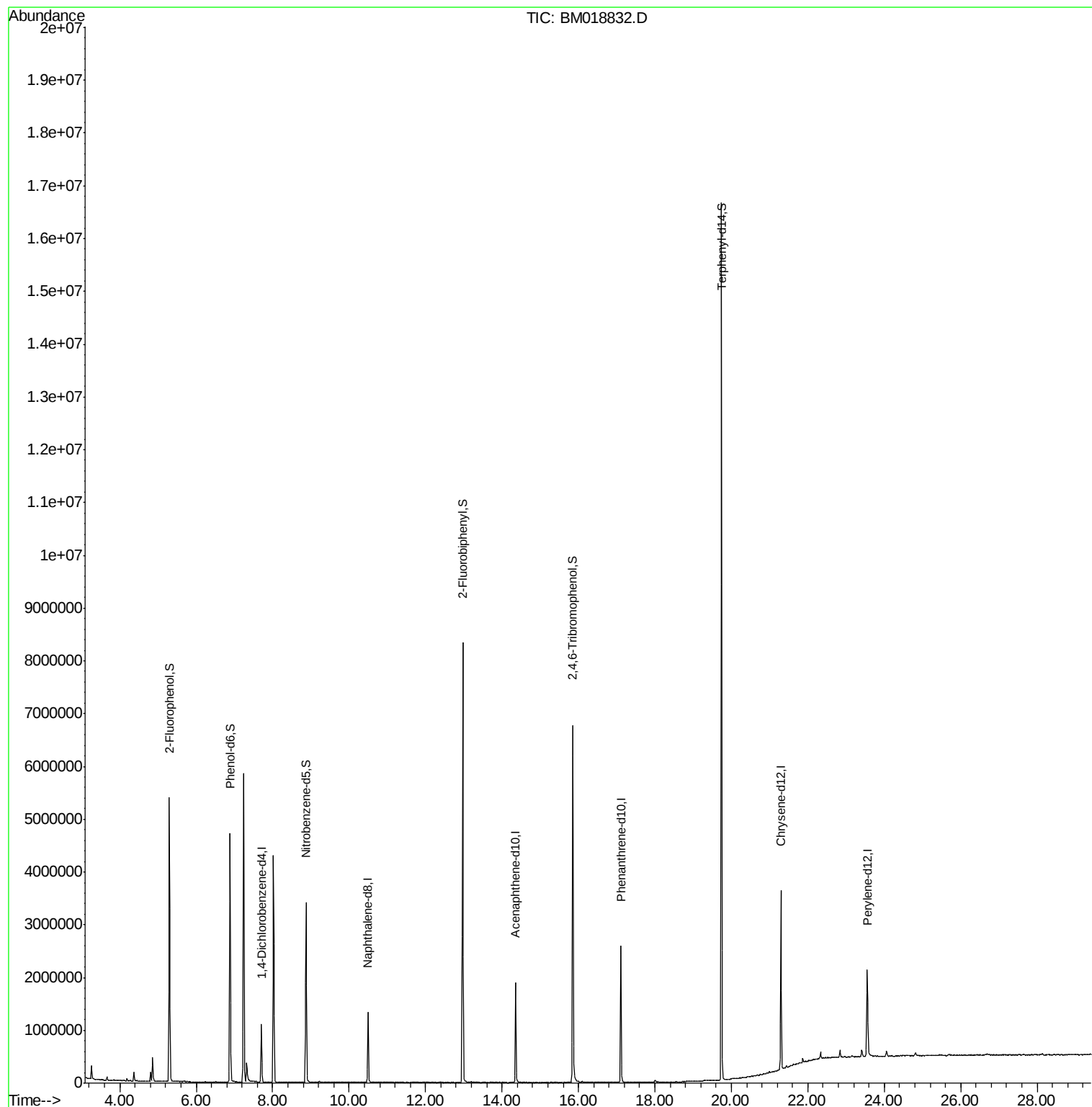
Target Compounds Qvalue

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

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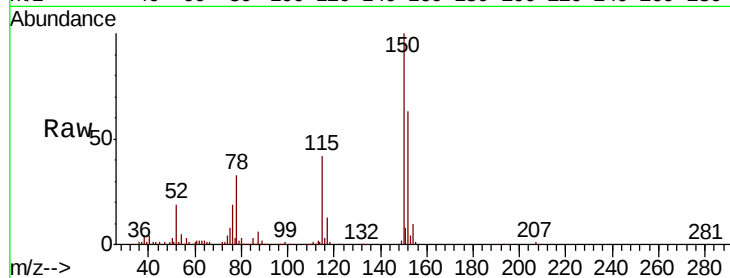


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018832.D
Acq: 16 Feb 2019 00:19

Instrument :
BNA_M
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.3	190.9
115	65.6	50.8	76.2

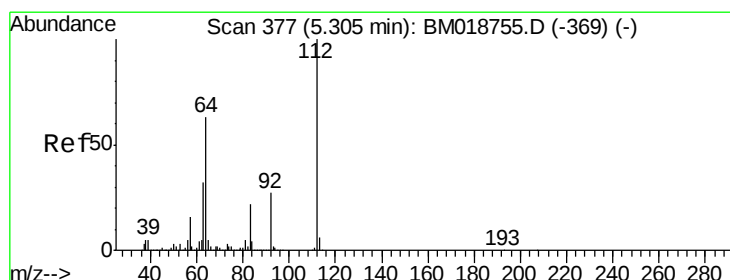
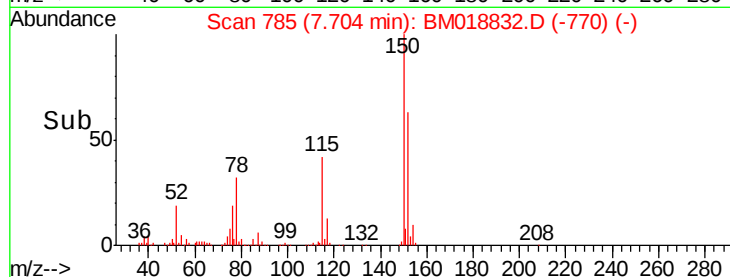
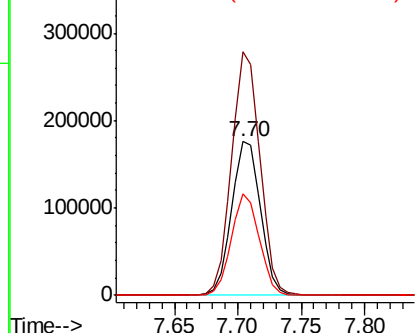


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

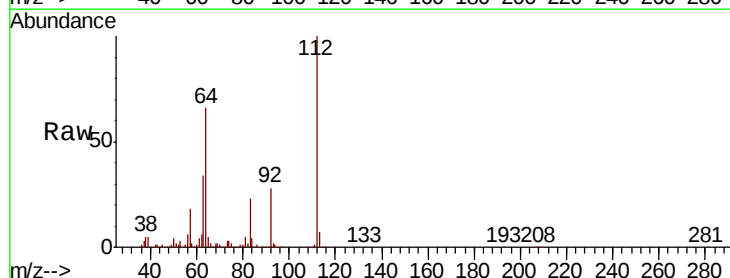
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.109 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018832.D
Acq: 16 Feb 2019 00:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	50.6	75.8
63	34.2	25.7	38.5

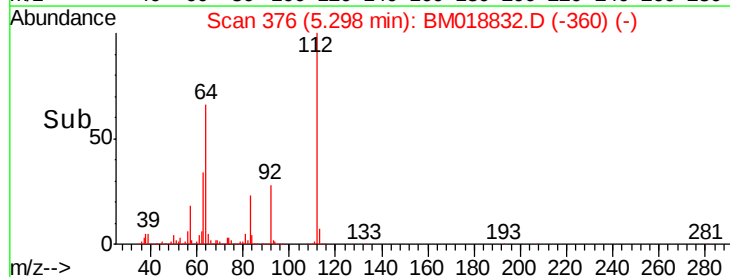
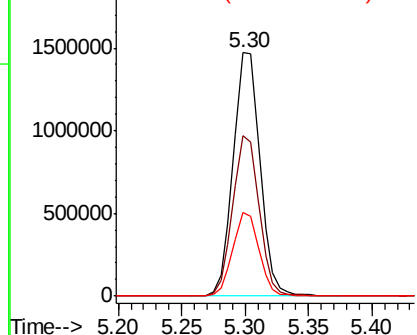


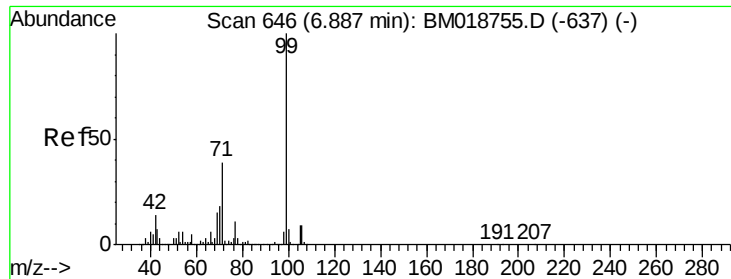
Abundance

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: 113.105 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018832.D

Acq: 16 Feb 2019 00:19

Instrument :

BNA_M

ClientSampleId :

RO-1-4

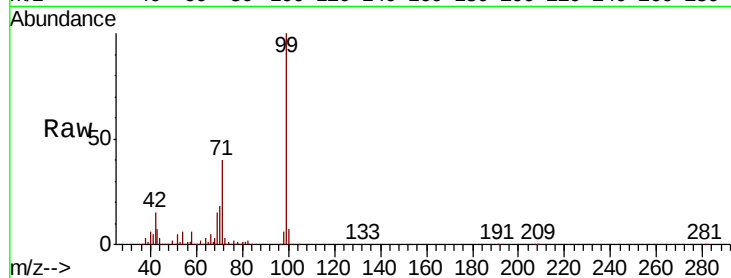
Tot Ion: 99 Resp: 2681313

Ion Ratio Lower Upper

99 100

42 14.8 11.0 16.6

71 40.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018832.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018832.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018832.D (-629) (-)

2000000

1500000

1000000

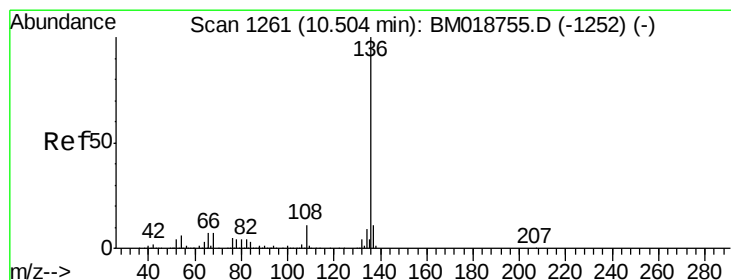
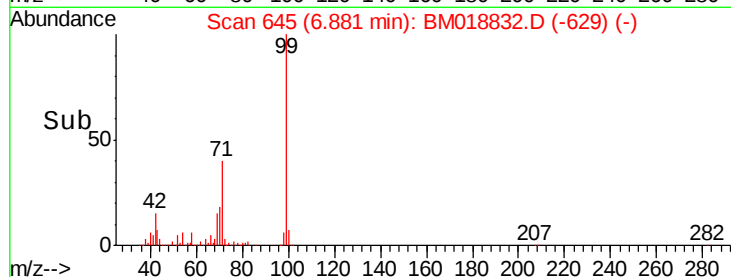
500000

0

6.88

6.85 6.90 6.95

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018832.D

Acq: 16 Feb 2019 00:19

Tgt Ion: 136 Resp: 1085855

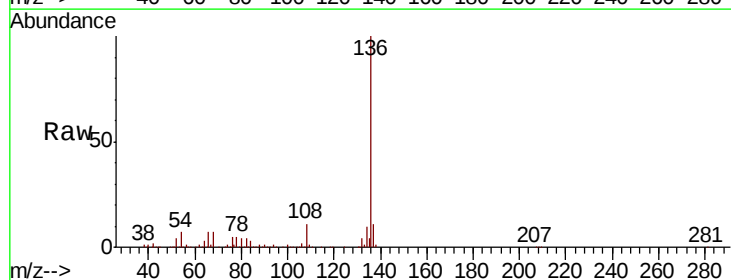
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.4 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BM018832.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018832.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018832.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018832.D (-1244) (-)

1000000

800000

600000

400000

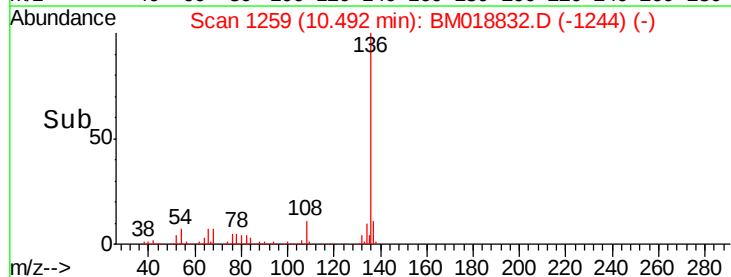
200000

0

10.49

10.40 10.50 10.60

Time-->



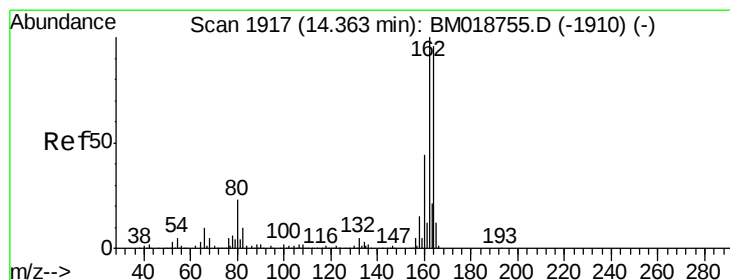
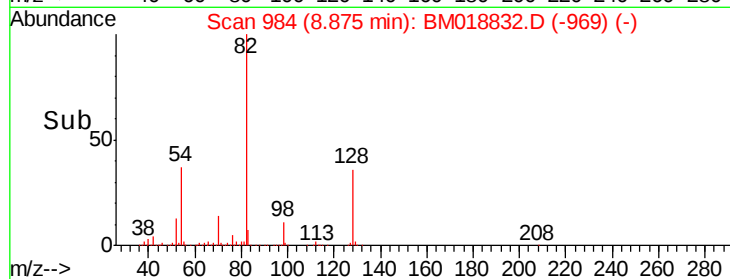
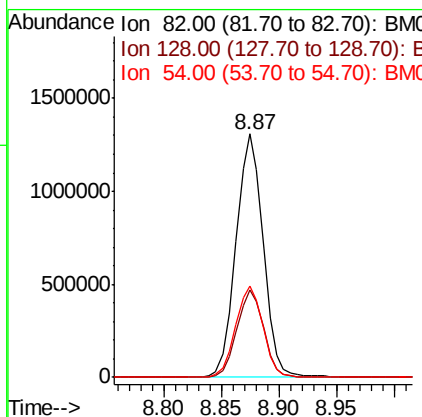
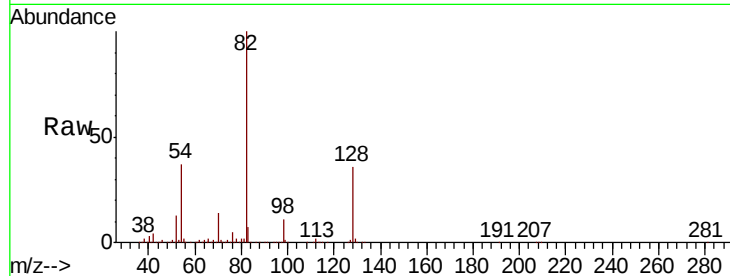


#23
 Nitrobenzene-d5
 Concen: 90.953 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018832.D
 Acq: 16 Feb 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Tot Ion: 82 Resp: 2135911

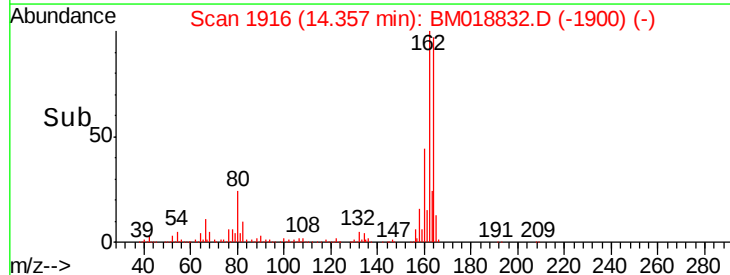
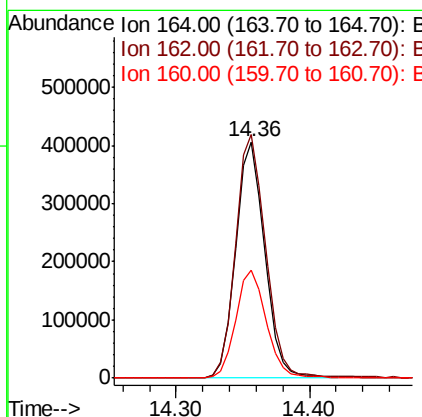
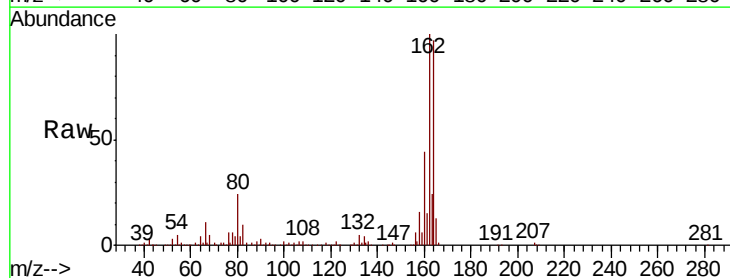
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.9	44.9
54	37.3	29.1	43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM018832.D
 Acq: 16 Feb 2019 00:19

Tgt Ion: 164 Resp: 616302

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.4	125.0
160	45.8	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 138.550 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018832.D

Acq: 16 Feb 2019 00:19

Instrument :

BNA_M

ClientSampleId :

RO-1-4

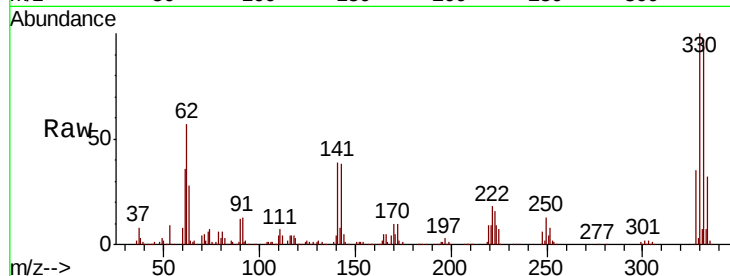
Tot Ion:330 Resp: 1230853

Ion Ratio Lower Upper

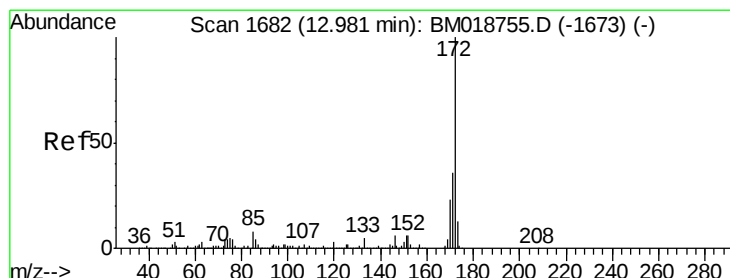
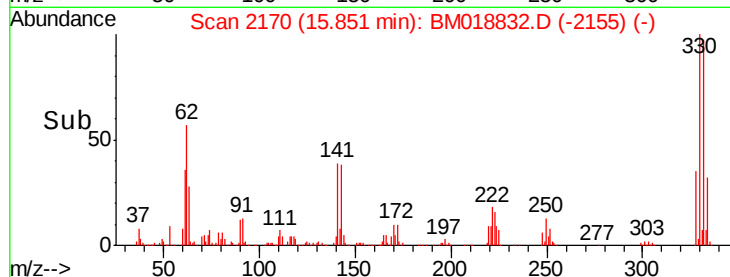
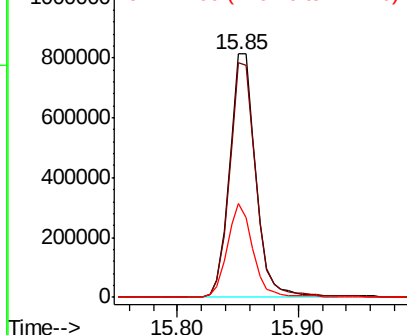
330 100

332 96.7 76.9 115.3

141 37.8 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: 89.114 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018832.D

Acq: 16 Feb 2019 00:19

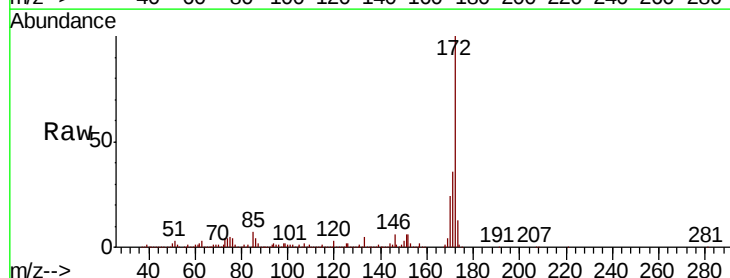
Tgt Ion:172 Resp: 4137253

Ion Ratio Lower Upper

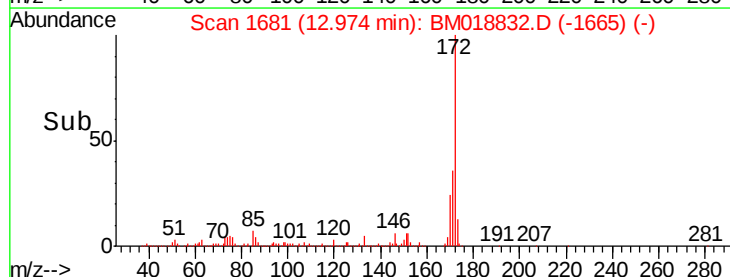
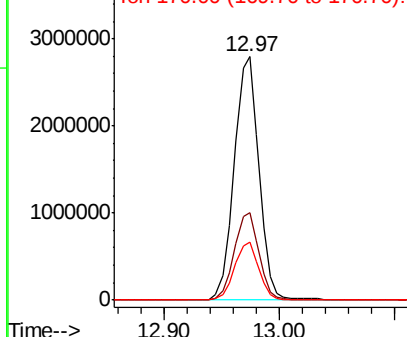
172 100

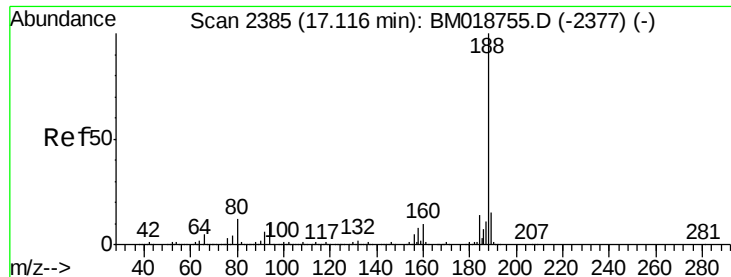
171 36.0 29.0 43.6

170 23.7 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

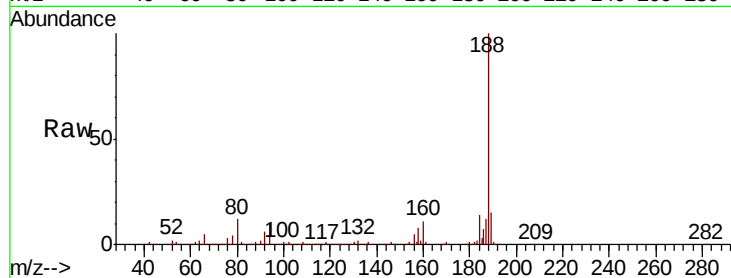




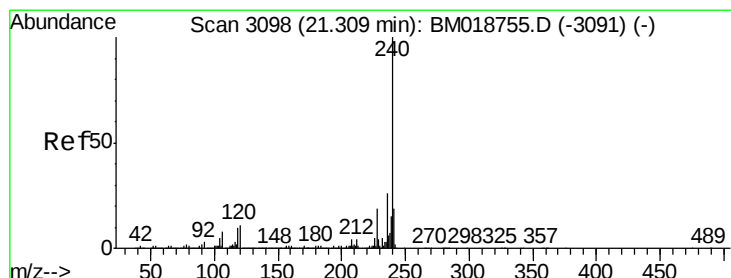
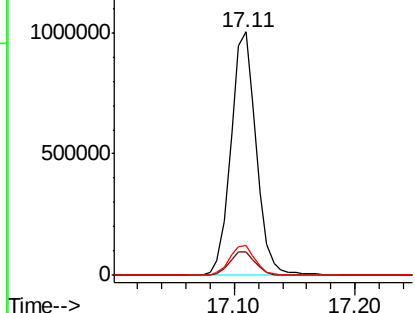
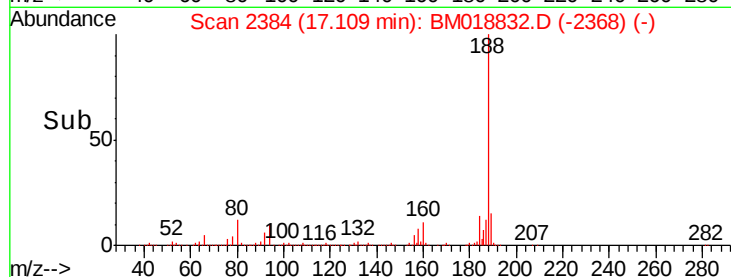
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018832.D
Acq: 16 Feb 2019 00:19

Instrument :
BNA_M
ClientSampled :
RO-1-4

Tot Ion:188 Resp: 1461050
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 12.1 9.7 14.5

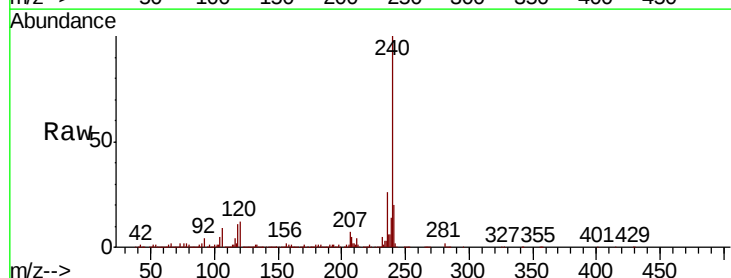


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

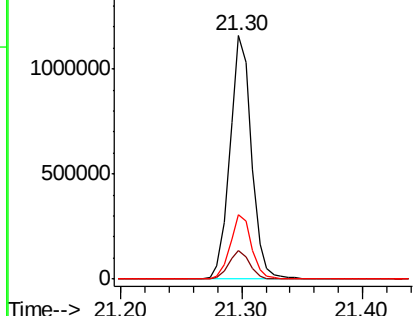
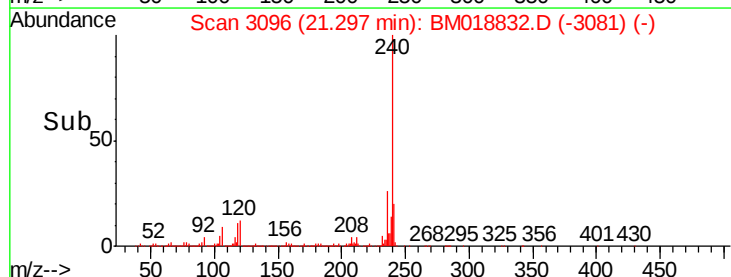


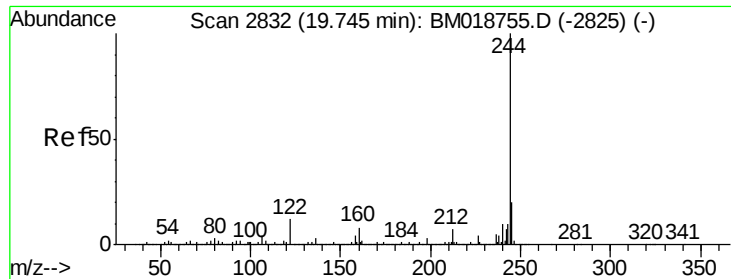
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018832.D
Acq: 16 Feb 2019 00:19

Tgt Ion:240 Resp: 1438816
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.4 20.9 31.3



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





#79

Terphenyl-d14

Concen: 104.263 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018832.D

Acq: 16 Feb 2019 00:19

Instrument :

BNA_M

ClientSampleId :

RO-1-4

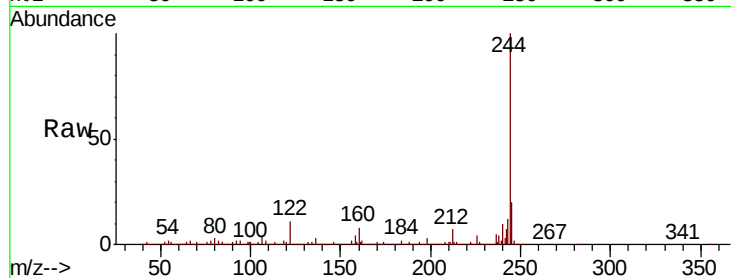
Tot Ion:244 Resp: 7272092

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

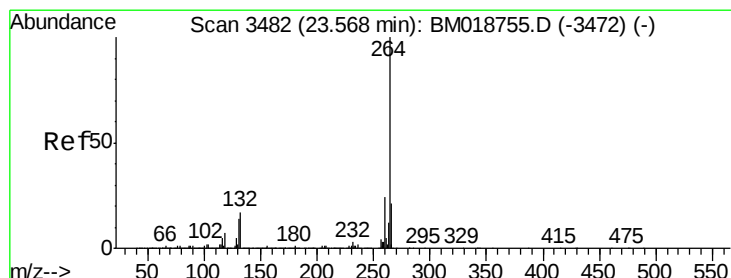
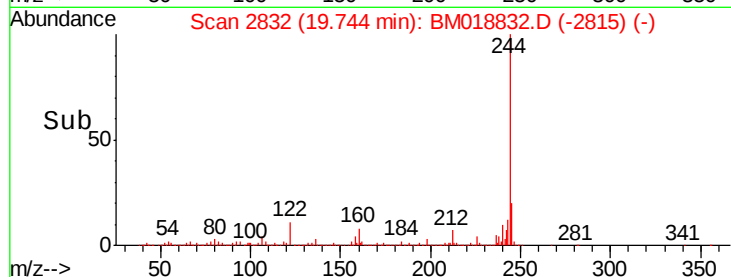
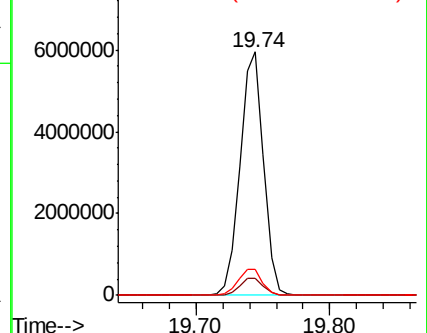
122 10.5 9.3 13.9



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: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018832.D

Acq: 16 Feb 2019 00:19

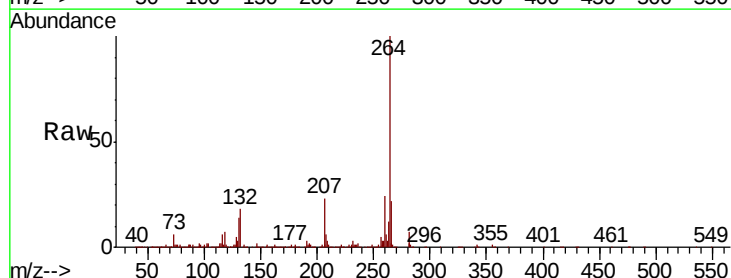
Tgt Ion:264 Resp: 1206477

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.0 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

