

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020261.D
 Acq On : 11 May 2019 04:30
 Operator : JU/SJ
 Sample : K2770-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 11 06:13:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

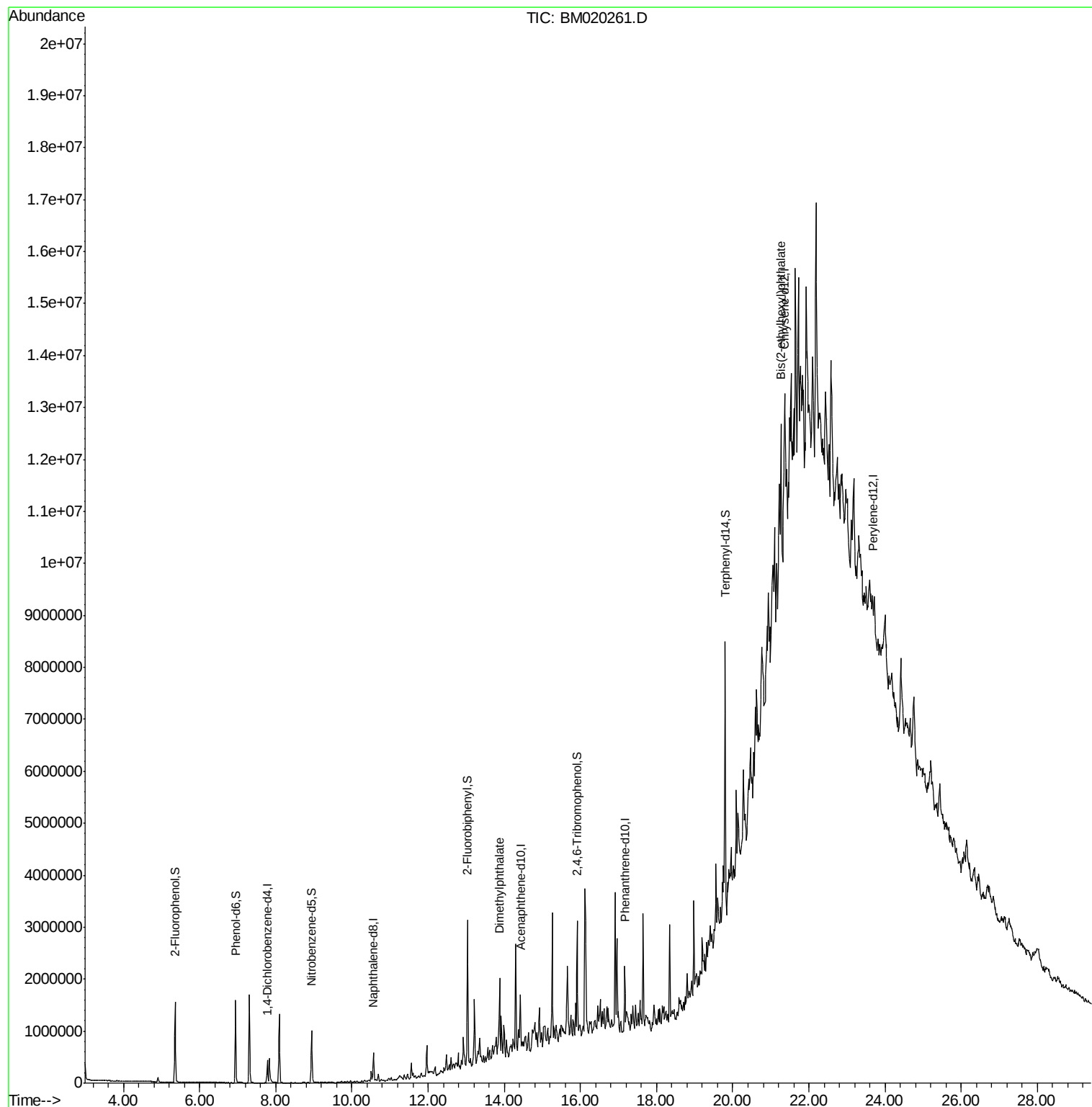
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	114291	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	433061	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	284046	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	645951	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	582320	20.00	ng	0.00
87) Perylene-d12	23.67	264	591725	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	613705	87.77	ng	-0.01
7) Phenol-d6	6.95	99	889108	93.08	ng	0.00
23) Nitrobenzene-d5	8.94	82	655516	59.76	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	414899	94.10	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1452114	62.90	ng	-0.02
79) Terphenyl-d14	19.80	244	2120780	63.52	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.87	163	184067	7.624	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	553762	25.101	ng	92

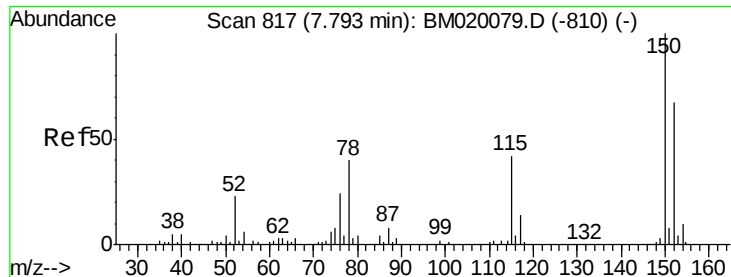
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

Quant Time: May 11 06:13:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration



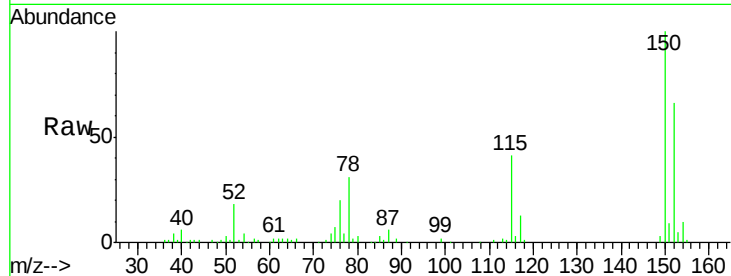


#1

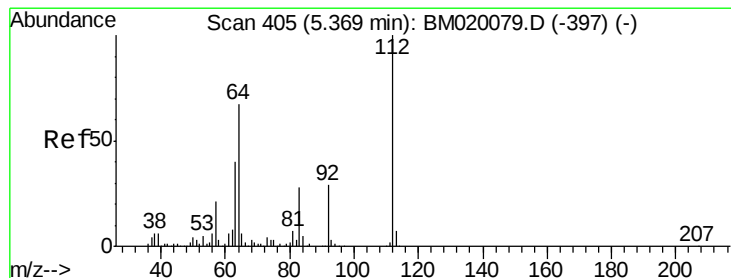
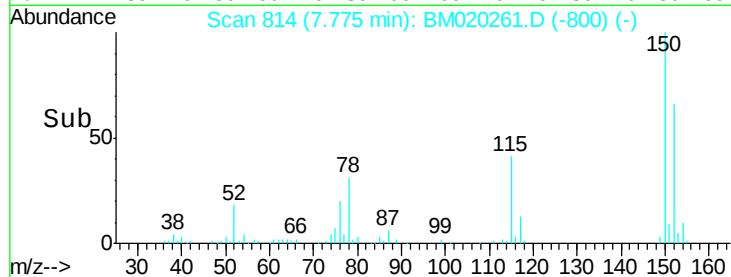
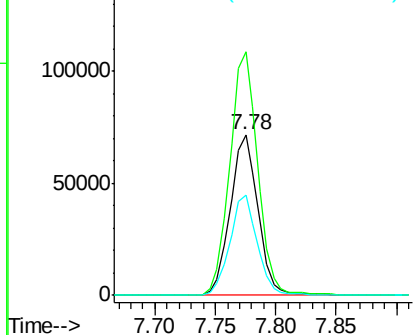
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020261.D
Acq: 11 May 2019 04:30

Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.8	179.8
115	62.0	50.8	76.2



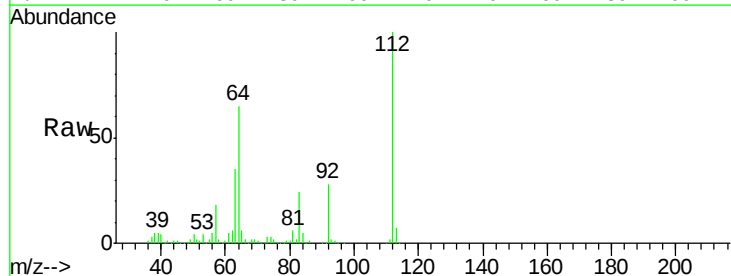
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



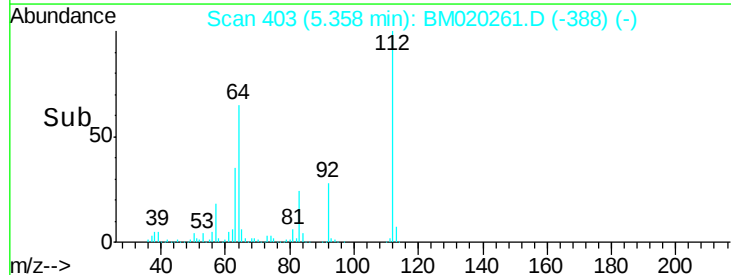
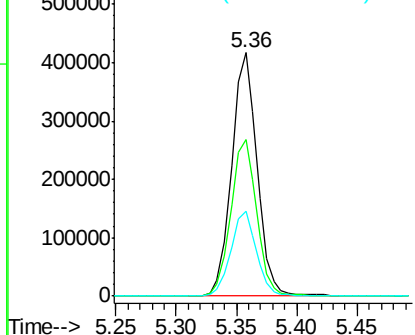
#5

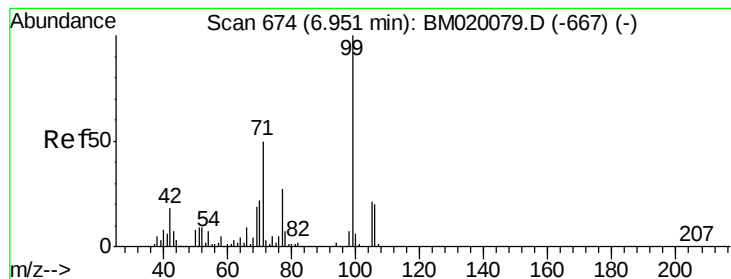
2-Fluorophenol
Concen: 87.772 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020261.D
Acq: 11 May 2019 04:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.8	80.6
63	34.7	32.3	48.5



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: 93.080 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020261.D

Acq: 11 May 2019 04:30

Instrument :

BNA_M

ClientSampleId :

SOIL-DRUM

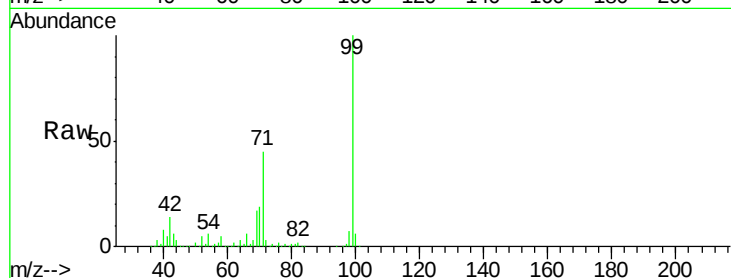
Tgt Ion: 99 Resp: 889108

Ion Ratio Lower Upper

99 100

42 14.3 14.2 21.2

71 44.8 40.3 60.5

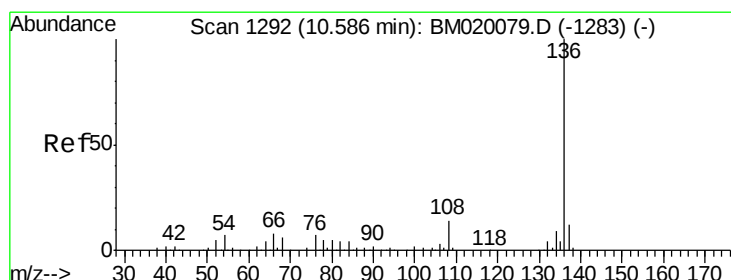
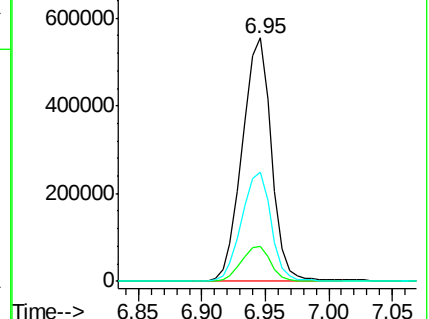
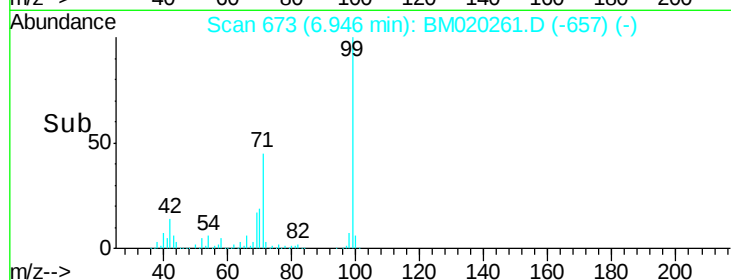


Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020261.D

Acq: 11 May 2019 04:30

Tgt Ion: 136 Resp: 433061

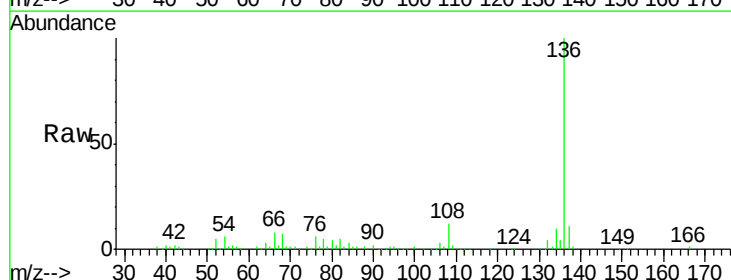
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 6.2 5.5 8.3

68 6.9 4.6 6.8#



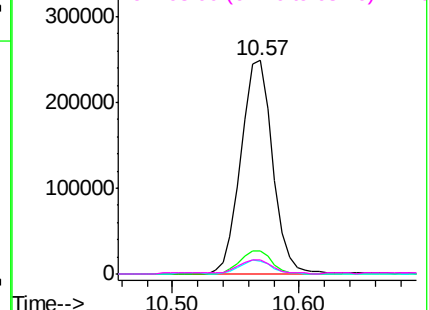
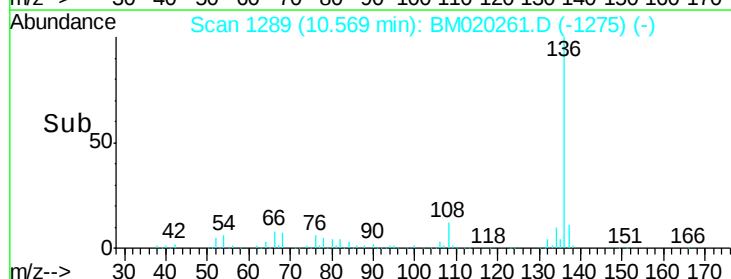
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

Time-->

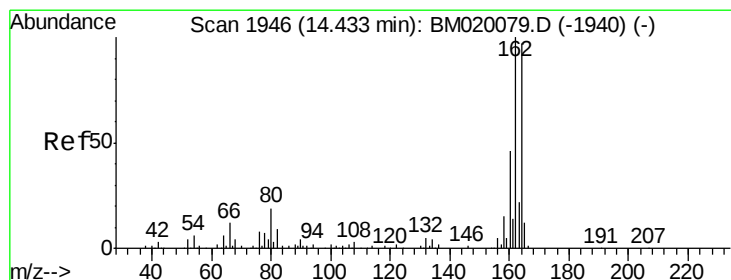
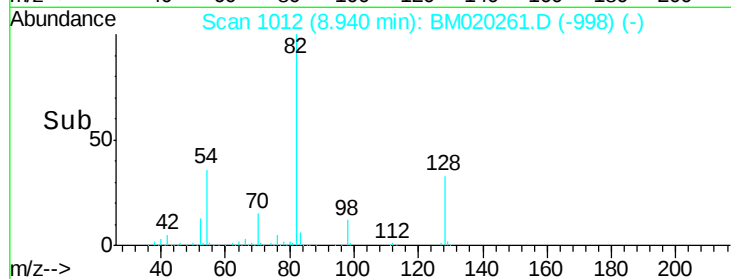
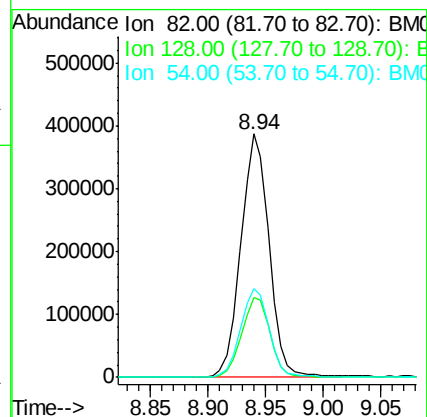
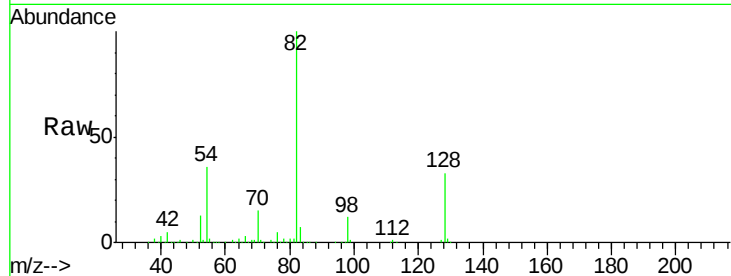




#23
Nitrobenzene-d5
Concen: 59.760 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020261.D
Acq: 11 May 2019 04:30

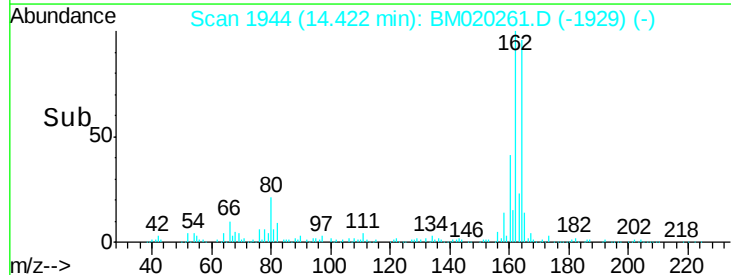
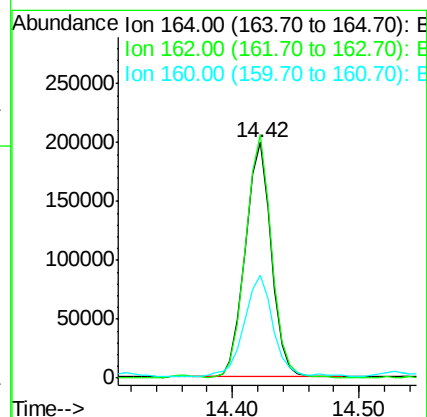
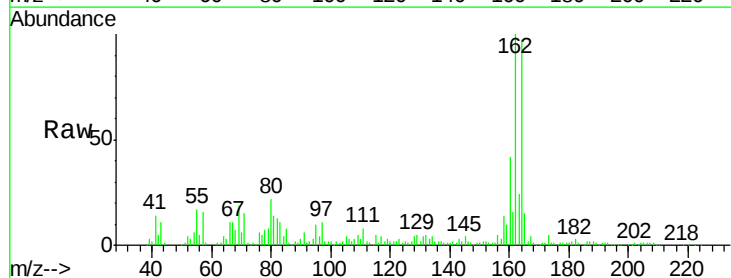
Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

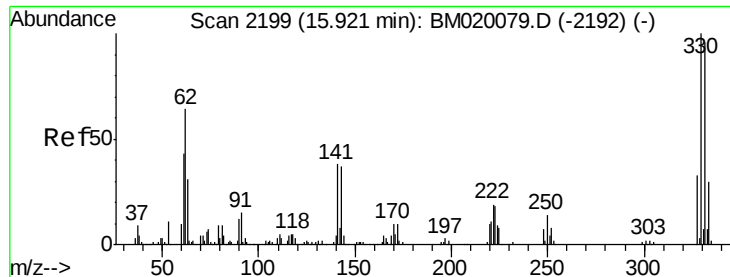
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.0	25.2	37.8
54	36.5	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM020261.D
Acq: 11 May 2019 04:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.2
160	43.5	37.6	56.4

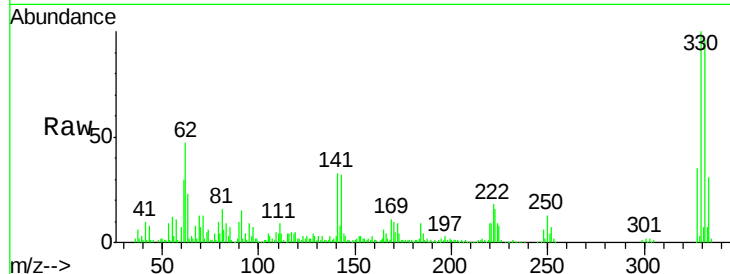




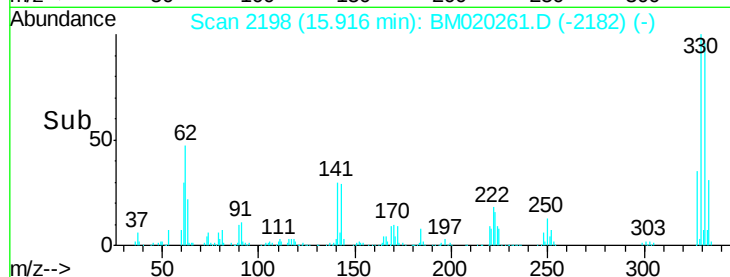
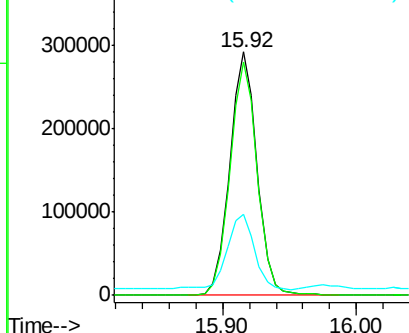
#42
 2,4,6-Tribromophenol
 Concen: 94.104 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020261.D
 Acq: 11 May 2019 04:30

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-DRUM

Tgt Ion:330 Resp: 414899
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 31.6 29.2 43.8

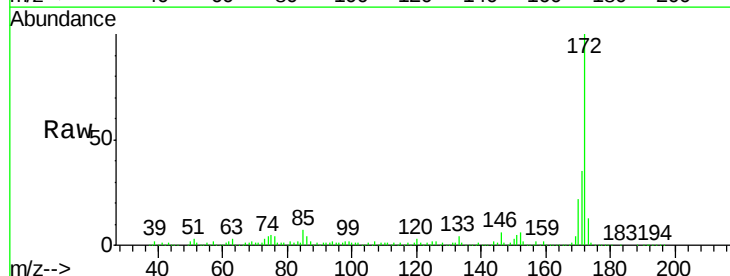


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

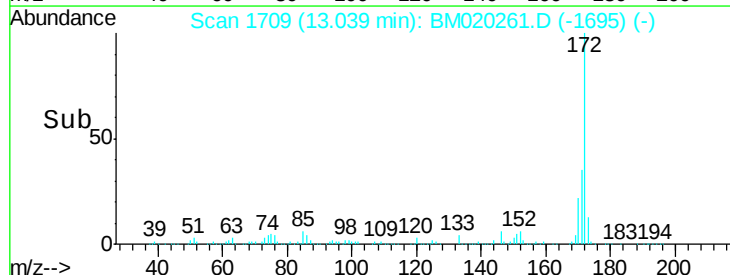
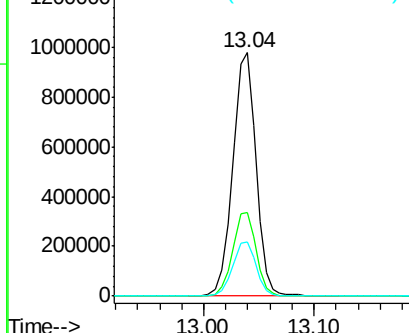


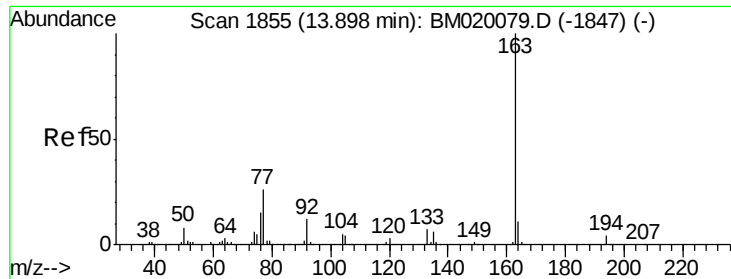
#45
 2-Fluorobiphenyl
 Concen: 62.899 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020261.D
 Acq: 11 May 2019 04:30

Tgt Ion:172 Resp: 1452114
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.3 40.9
 170 22.4 17.9 26.9



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: 7.624 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020261.D

Acq: 11 May 2019 04:30

Instrument :

BNA_M

ClientSampleId :

SOIL-DRUM

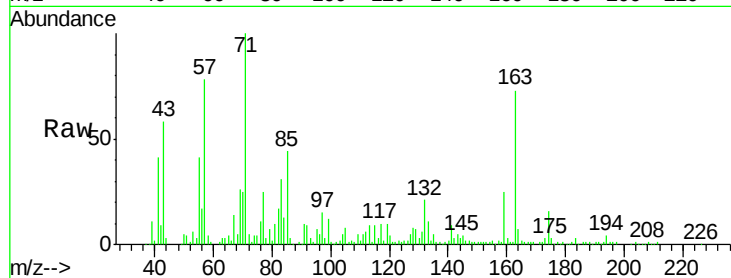
Tgt Ion:163 Resp: 184067

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

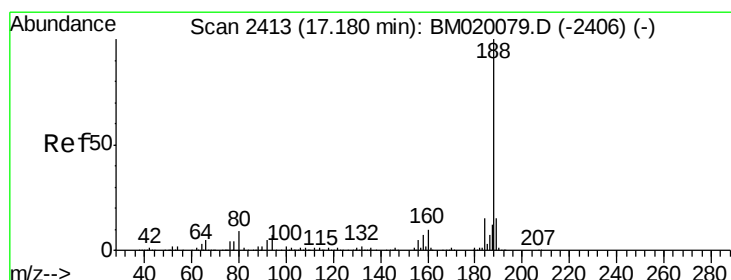
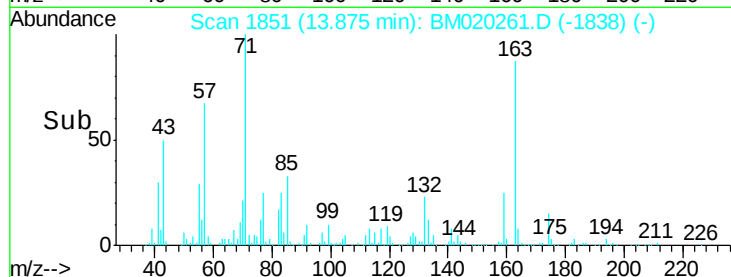
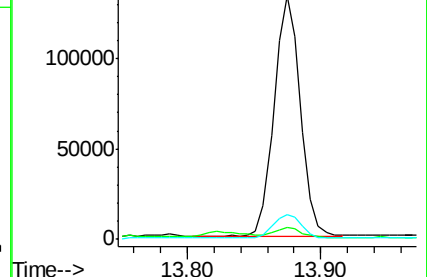
164 10.0 8.4 12.6



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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020261.D

Acq: 11 May 2019 04:30

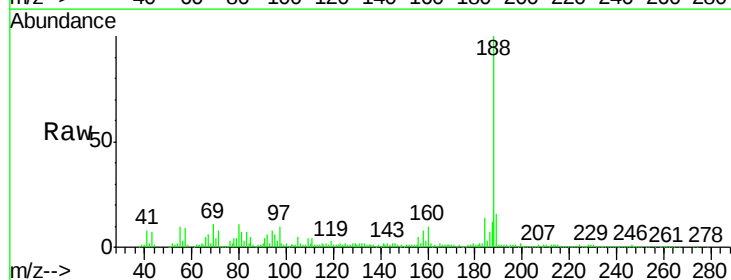
Tgt Ion:188 Resp: 645951

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.6

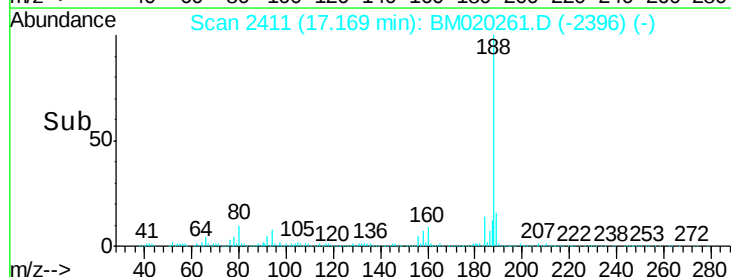
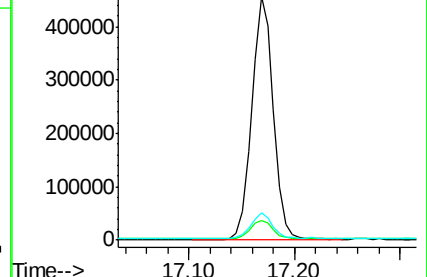
80 11.1 7.4 11.2

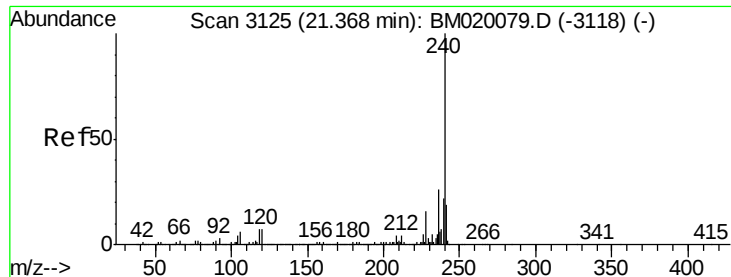


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

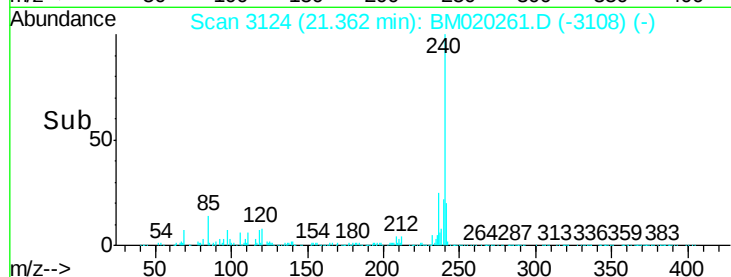
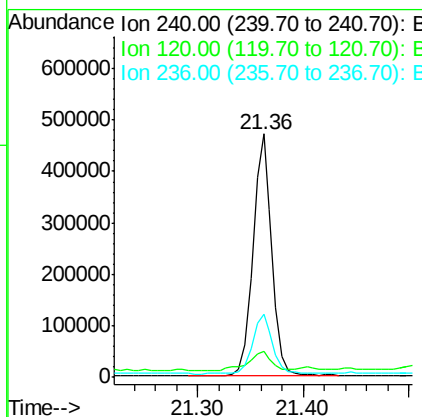
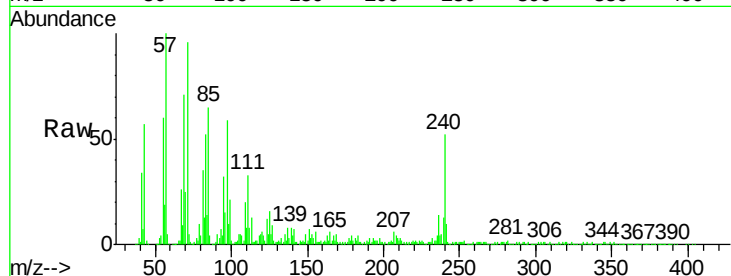




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020261.D
Acq: 11 May 2019 04:30

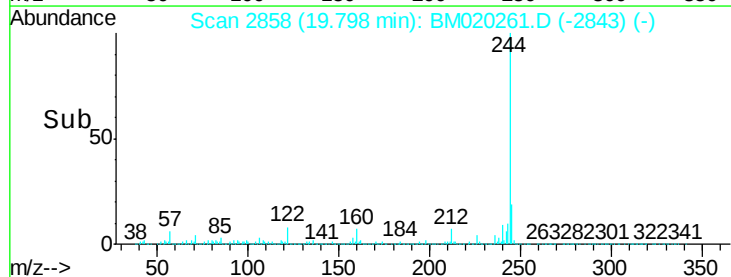
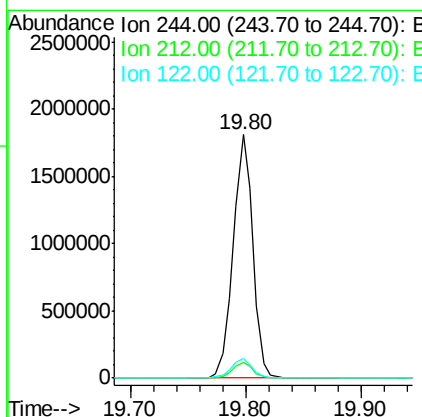
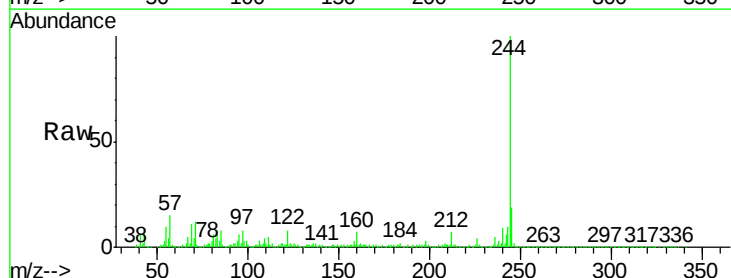
Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

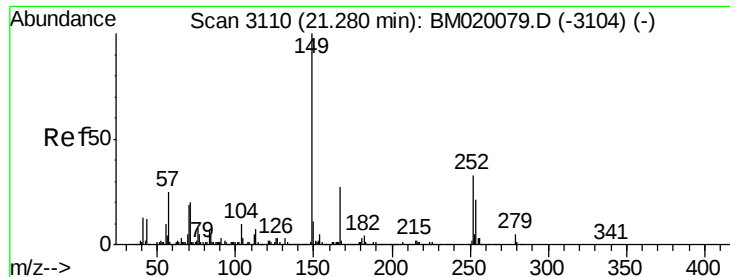
Tgt Ion:240 Resp: 582320
Ion Ratio Lower Upper
240 100
120 10.7 5.6 8.4#
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 63.524 ng
RT: 19.80 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BM020261.D
Acq: 11 May 2019 04:30

Tgt Ion:244 Resp: 2120780
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 7.9 6.2 9.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 25.101 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM020261.D

Acq: 11 May 2019 04:30

Instrument :

BNA_M

ClientSampleId :

SOIL-DRUM

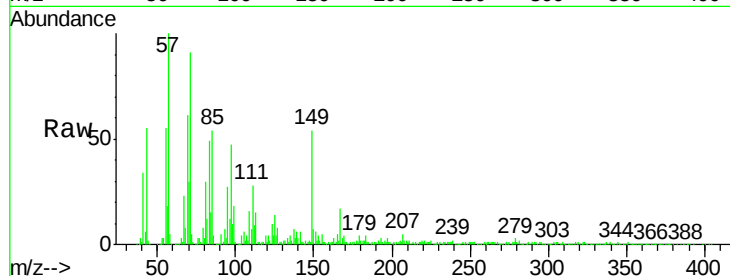
Tgt Ion:149 Resp: 553762

Ion Ratio Lower Upper

149 100

167 32.0 21.8 32.8

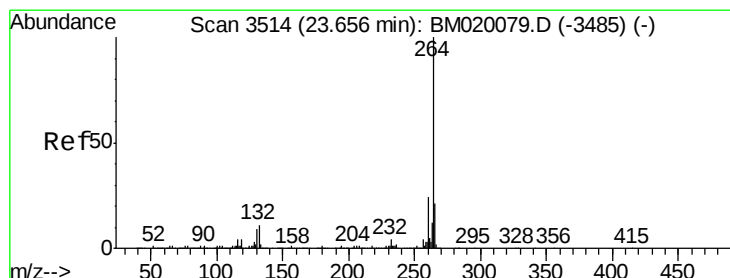
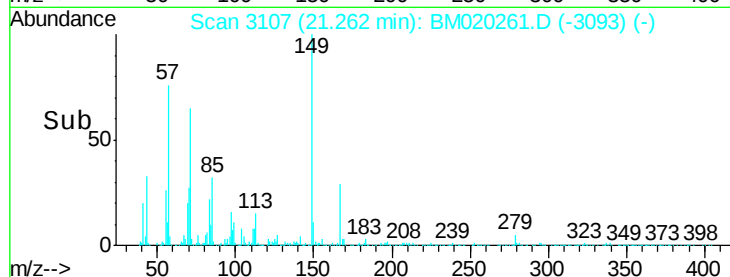
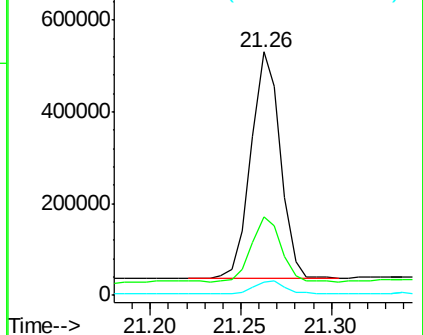
279 5.6 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. 0.02 min

Lab File: BM020261.D

Acq: 11 May 2019 04:30

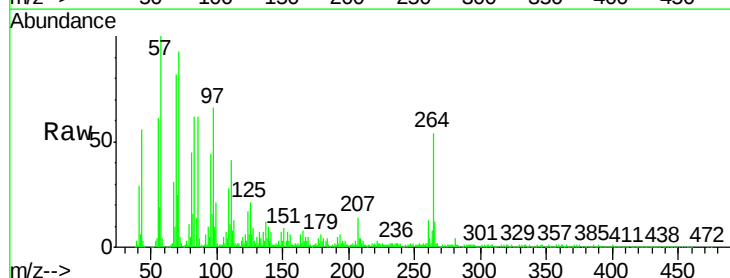
Tgt Ion:264 Resp: 591725

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.9 16.9 25.3



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

