

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020019.D
 Acq On : 22 Apr 2019 23:07
 Operator : JU/SJ
 Sample : K2510-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-PILE-B

Quant Time: Apr 23 02:17:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	88826	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	292711	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	168272	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	364043	20.00	ng	0.00
76) Chrysene-d12	21.16	240	405692	20.00	ng	0.00
87) Perylene-d12	23.35	264	500857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	660276	120.47	ng	-0.01
7) Phenol-d6	6.70	99	719924	87.28	ng	-0.01
23) Nitrobenzene-d5	8.68	82	613357	93.71	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	313118	115.60	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1207859	89.45	ng	-0.01
79) Terphenyl-d14	19.58	244	2227761	96.86	ng	-0.01

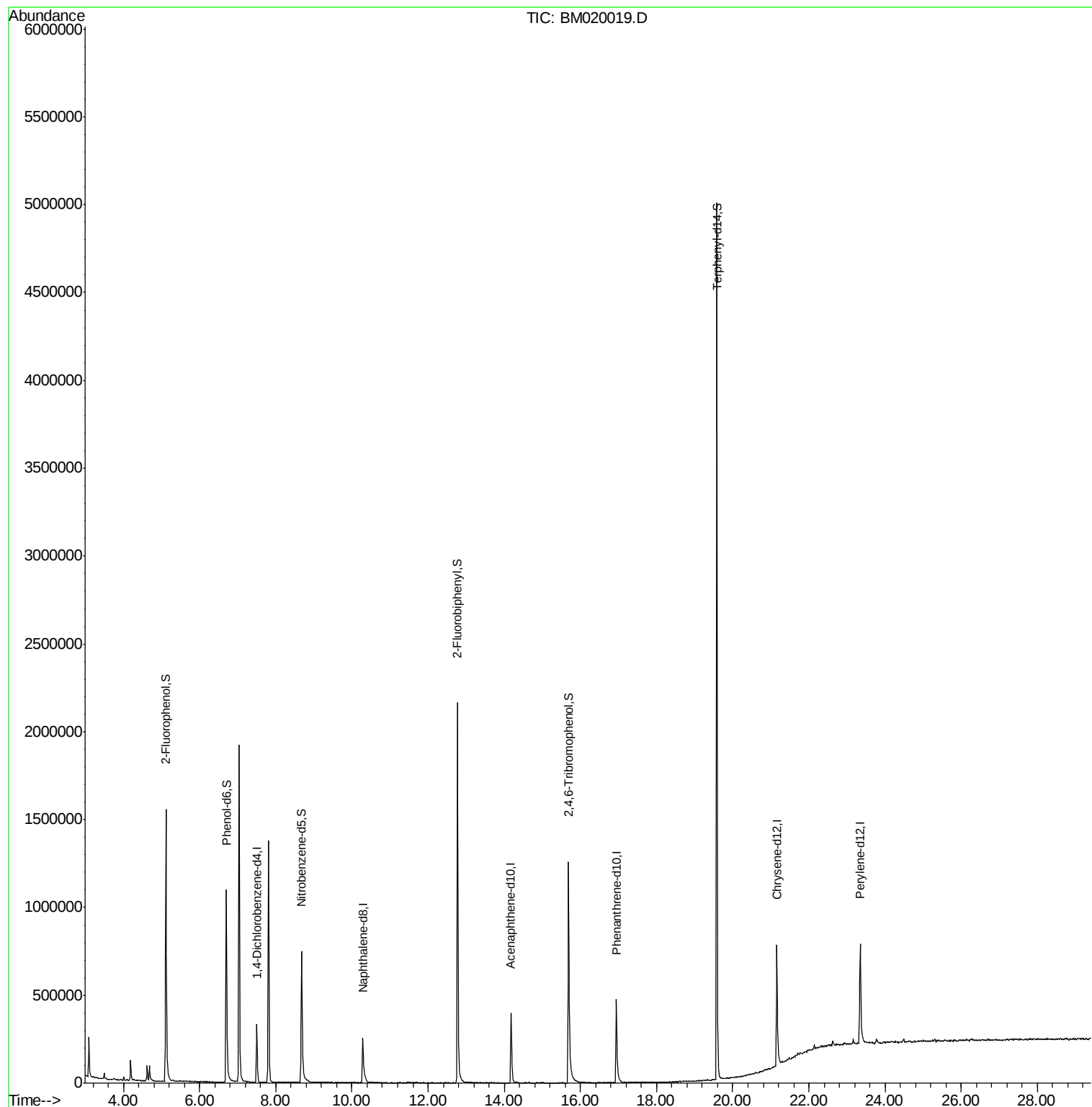
Target Compounds	Qvalue
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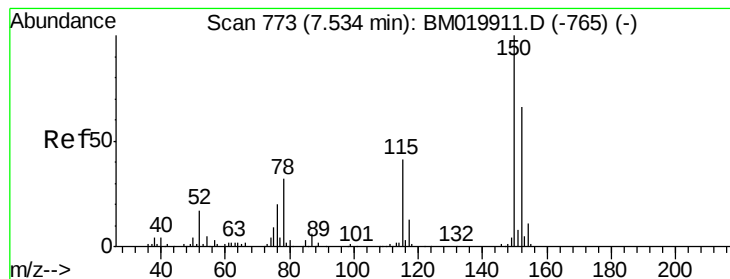
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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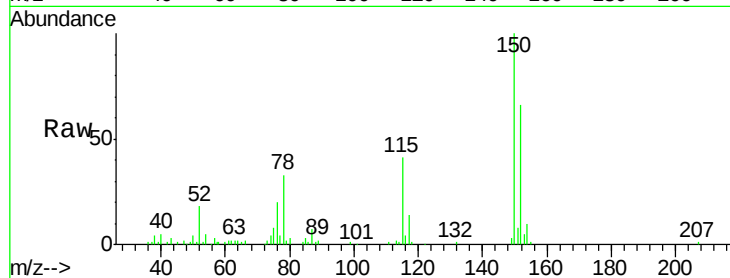


#1

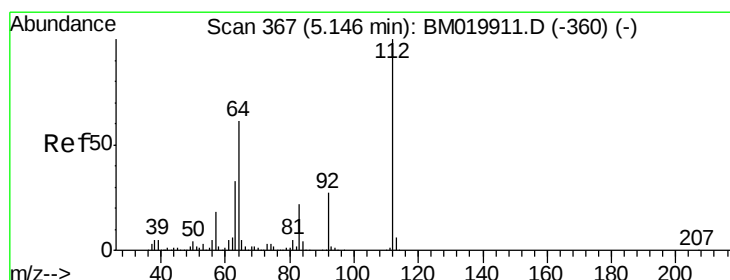
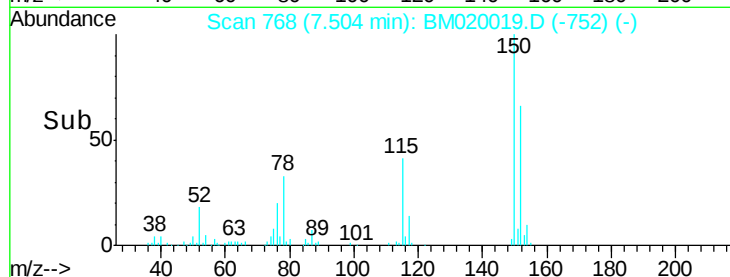
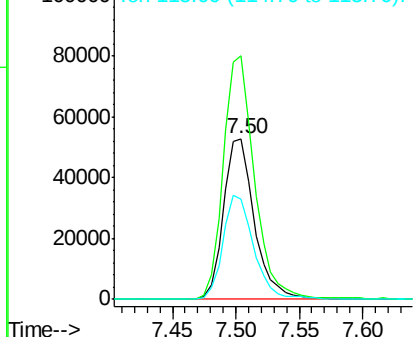
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020019.D
Acq: 22 Apr 2019 23:07

Instrument :
BNA_M
ClientSampled :
SOIL-PILE-B

Tgt Ion:152 Resp: 88826
Ion Ratio Lower Upper
152 100
150 151.4 122.1 183.1
115 62.0 50.0 75.0



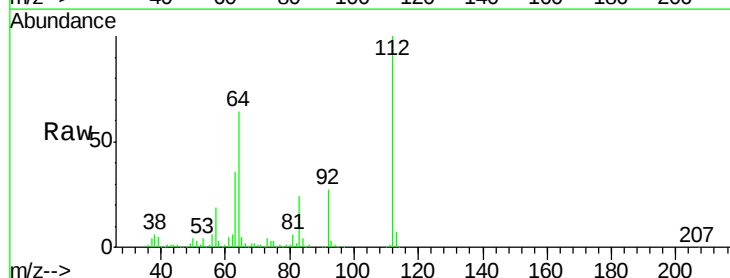
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



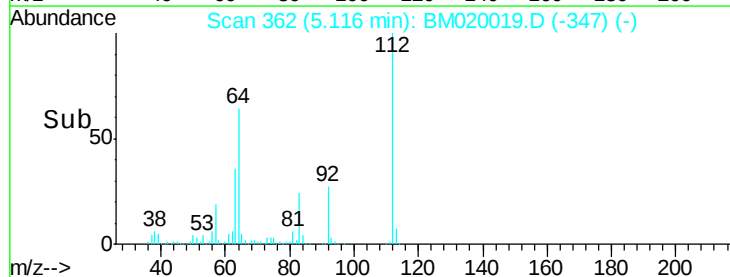
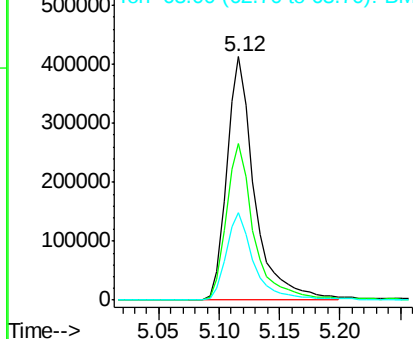
#5

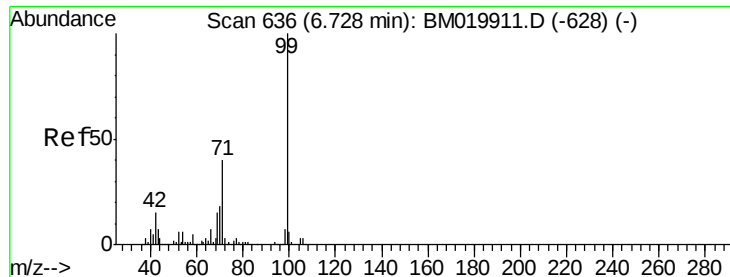
2-Fluorophenol
Concen: 120.469 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020019.D
Acq: 22 Apr 2019 23:07

Tgt Ion:112 Resp: 660276
Ion Ratio Lower Upper
112 100
64 64.2 49.1 73.7
63 35.8 26.5 39.7



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: 87.278 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020019.D

Acq: 22 Apr 2019 23:07

Instrument :

BNA_M

ClientSampleId :

SOIL-PILE-B

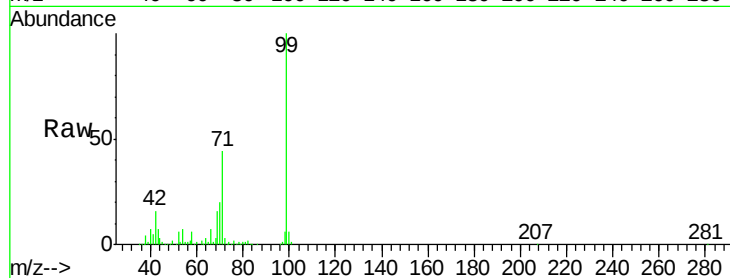
Tgt Ion: 99 Resp: 719924

Ion Ratio Lower Upper

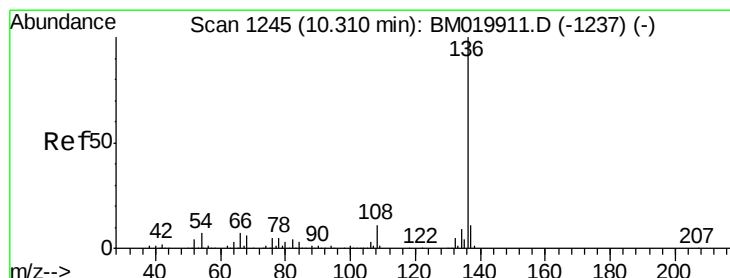
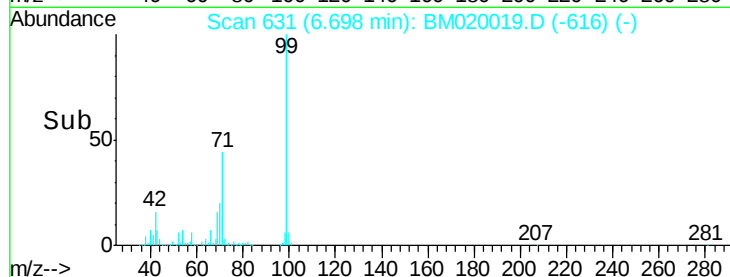
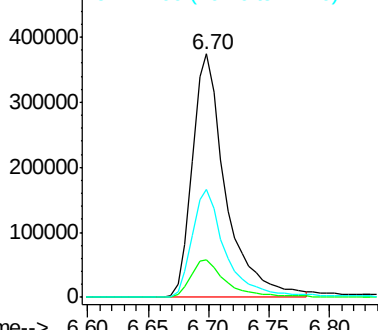
99 100

42 15.6 11.8 17.8

71 44.5 32.0 48.0



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: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020019.D

Acq: 22 Apr 2019 23:07

Tgt Ion: 136 Resp: 292711

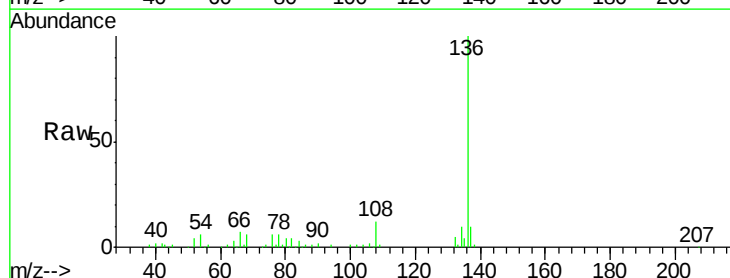
Ion Ratio Lower Upper

136 100

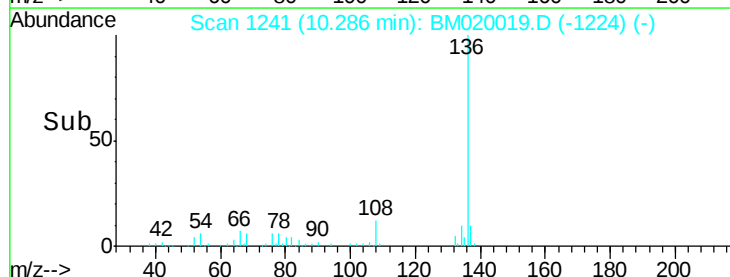
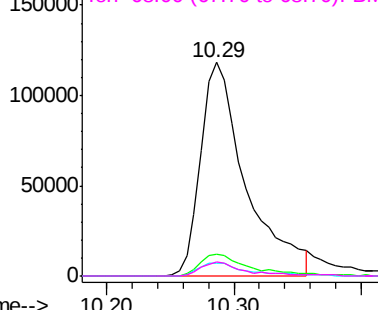
137 10.4 9.0 13.6

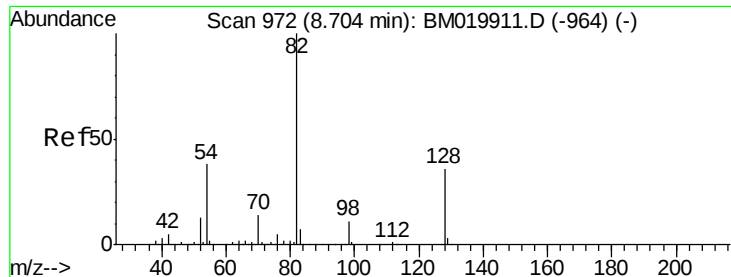
54 6.0 5.3 7.9

68 6.4 5.2 7.8



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

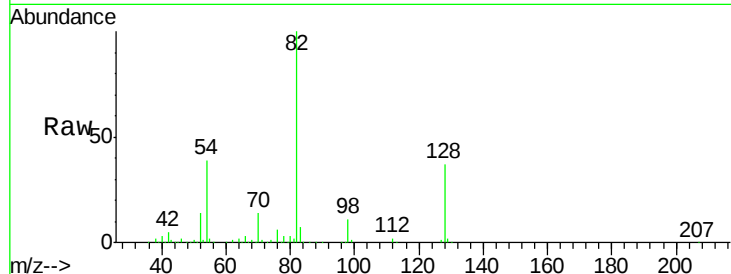




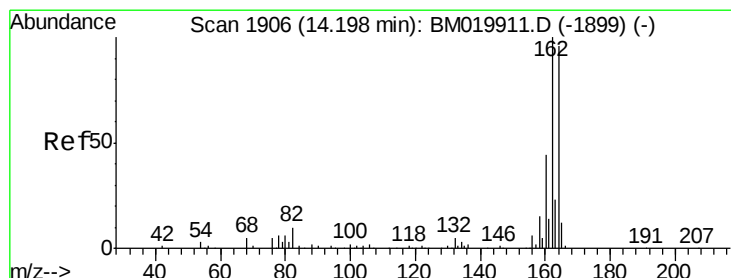
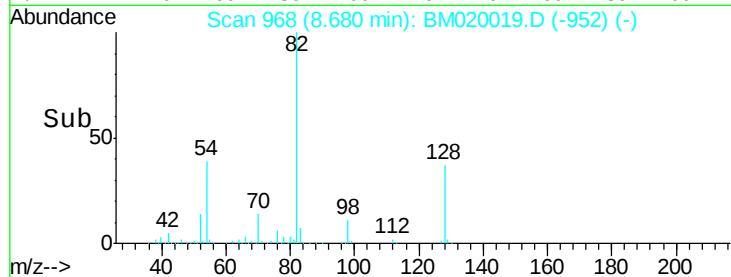
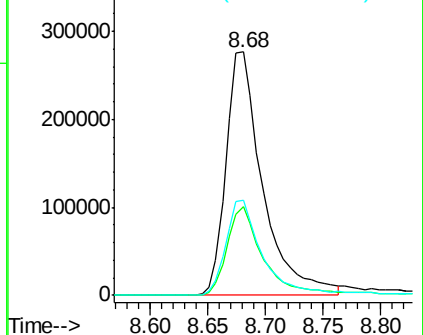
#23
 Nitrobenzene-d5
 Concen: 93.710 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM020019.D
 Acq: 22 Apr 2019 23:07

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-PILE-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.0	43.4
54	39.3	30.2	45.4

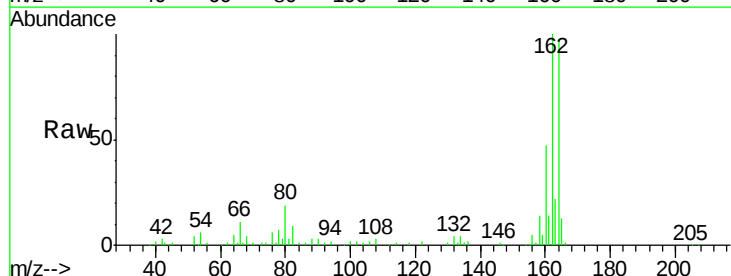


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

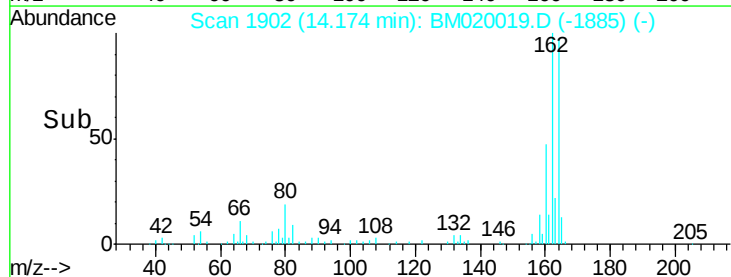
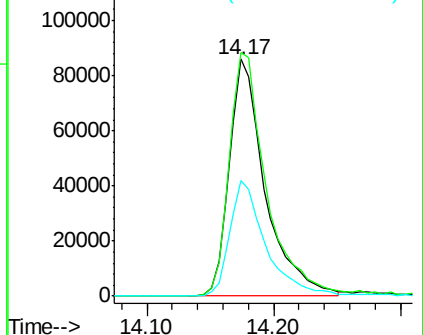


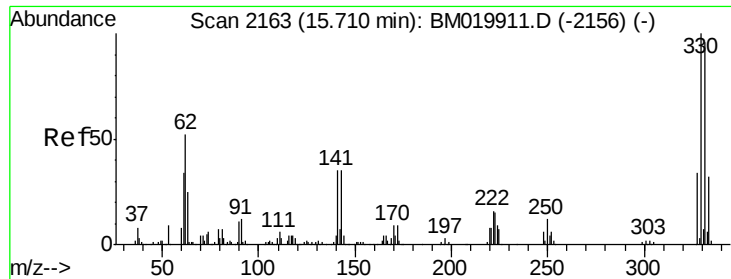
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020019.D
 Acq: 22 Apr 2019 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.4
160	48.6	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

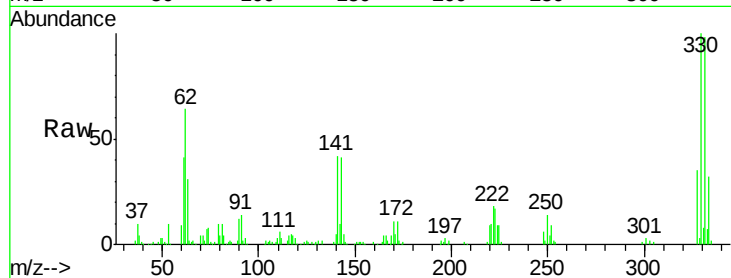




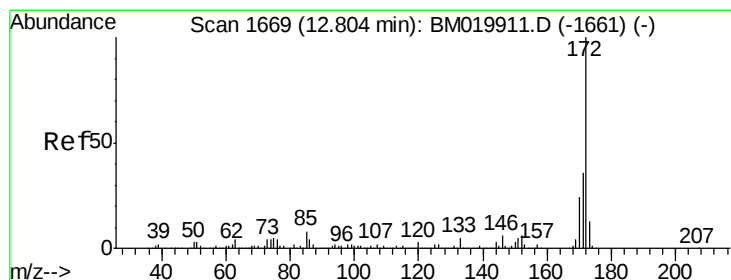
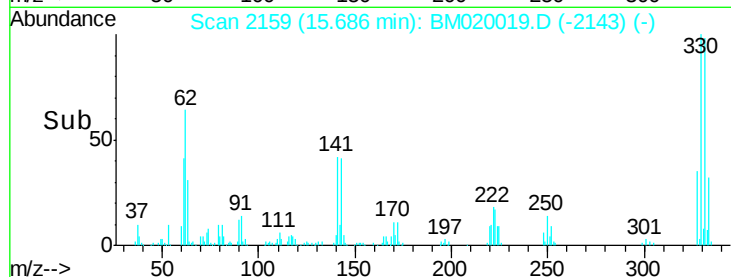
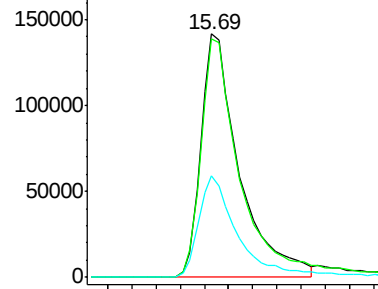
#42
 2,4,6-Tribromophenol
 Concen: 115.597 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020019.D
 Acq: 22 Apr 2019 23:07

Instrument :
 BNA_M
 ClientSampled :
 SOIL-PILE-B

Tgt Ion:330 Resp: 313118
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 41.2 29.0 43.4

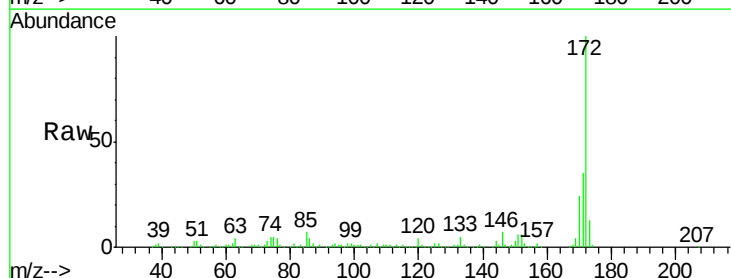


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

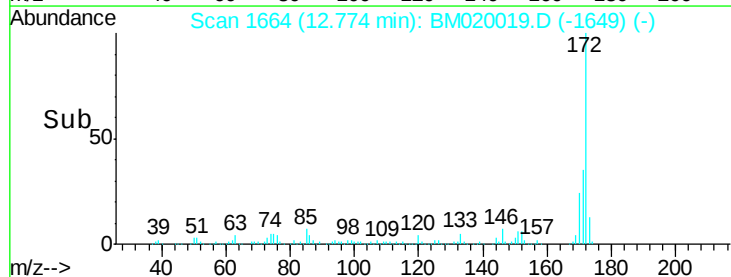
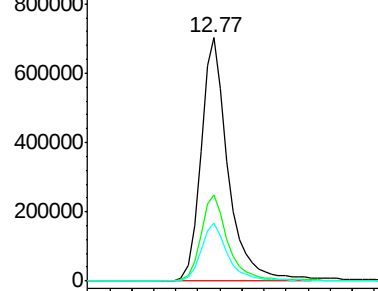


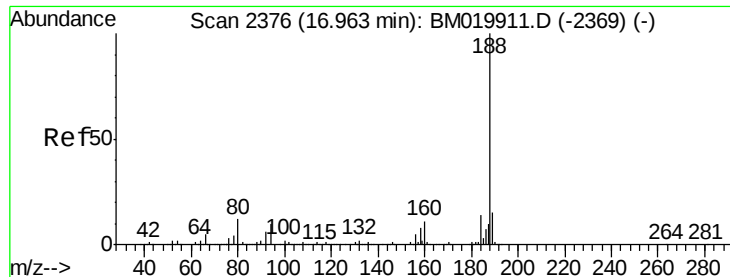
#45
 2-Fluorobiphenyl
 Concen: 89.455 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020019.D
 Acq: 22 Apr 2019 23:07

Tgt Ion:172 Resp: 1207859
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.8 19.0 28.4



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

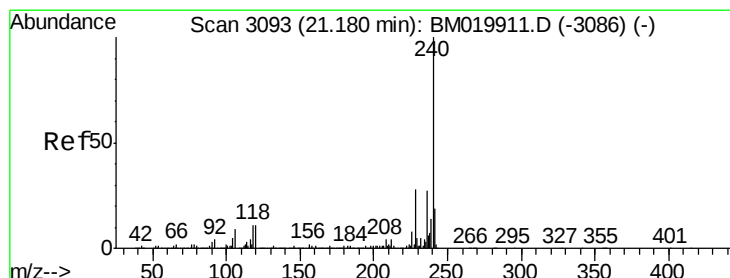
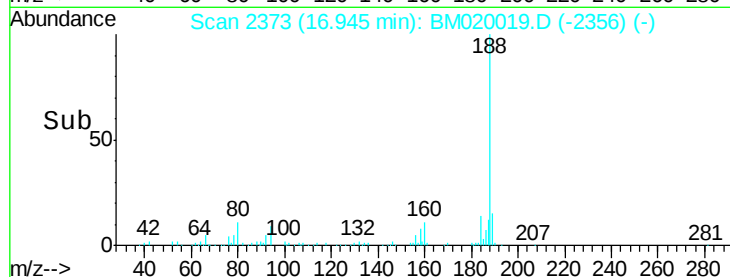
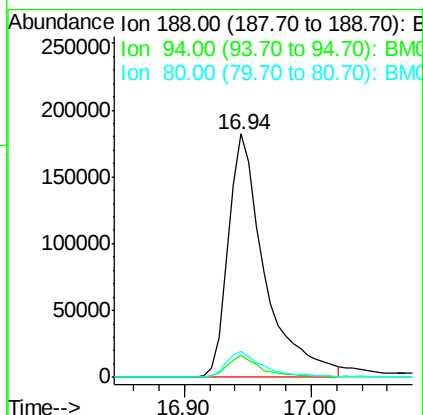
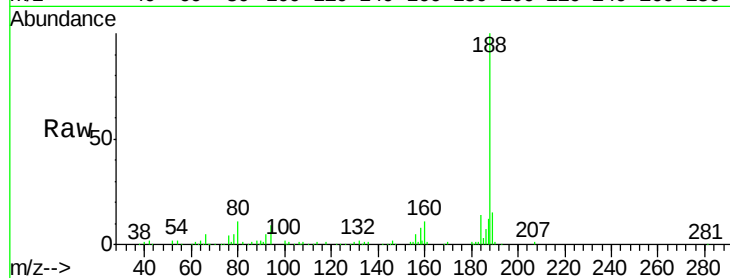




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020019.D
Acq: 22 Apr 2019 23:07

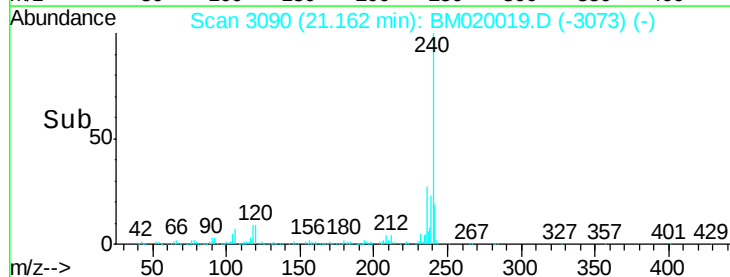
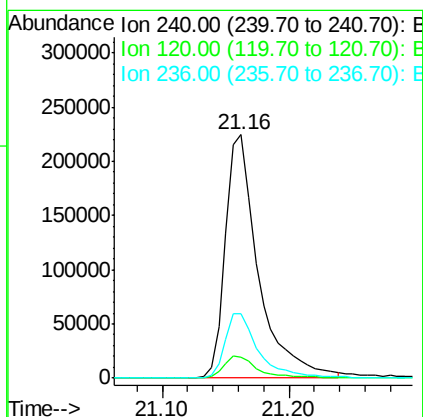
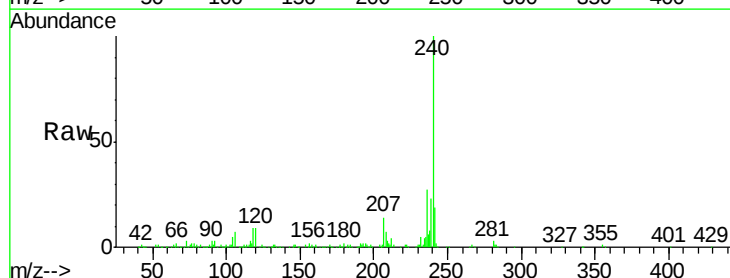
Instrument :
BNA_M
ClientSampleId :
SOIL-PILE-B

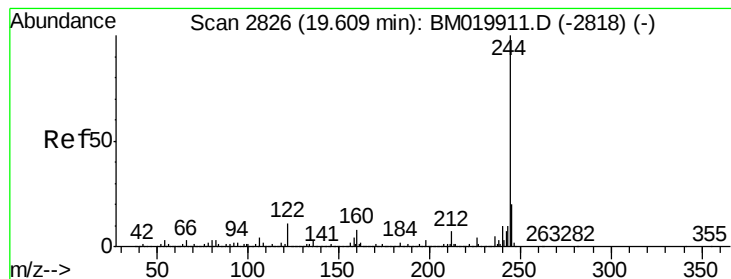
Tgt Ion:188 Resp: 364043
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.6 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020019.D
Acq: 22 Apr 2019 23:07

Tgt Ion:240 Resp: 405692
Ion Ratio Lower Upper
240 100
120 8.8 8.6 13.0
236 26.6 21.4 32.2





#79

Terphenyl-d14

Concen: 96.856 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM020019.D

Acq: 22 Apr 2019 23:07

Instrument :

BNA_M

ClientSampleId :

SOIL-PILE-B

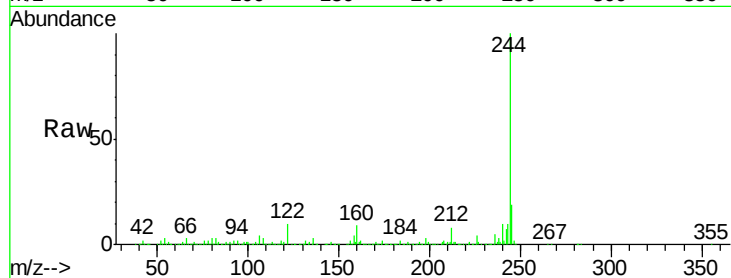
Tgt Ion:244 Resp: 2227761

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

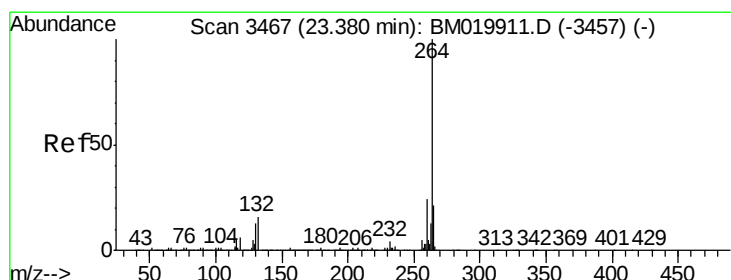
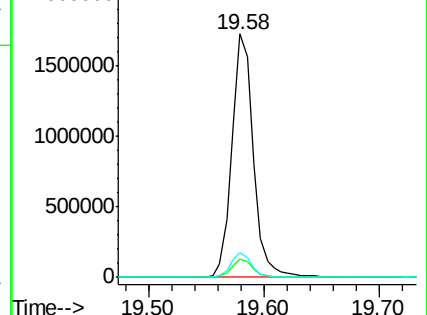
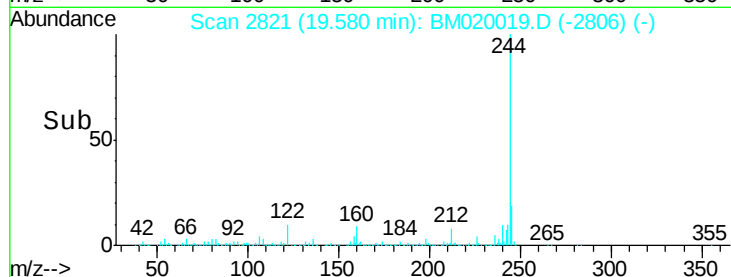
122 10.1 9.1 13.7



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: 23.35 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM020019.D

Acq: 22 Apr 2019 23:07

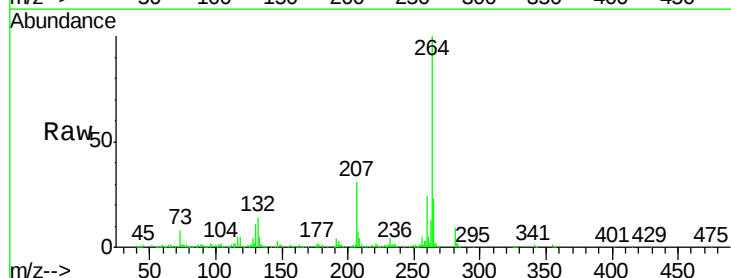
Tgt Ion:264 Resp: 500857

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.6 17.2 25.8



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

