

Data File : BM022210.D
Acq On : 20 Aug 2019 13:46
Operator : HP/JU
Sample : K4343-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OAK-UST-SOIL

Quant Time: Aug 20 23:27:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

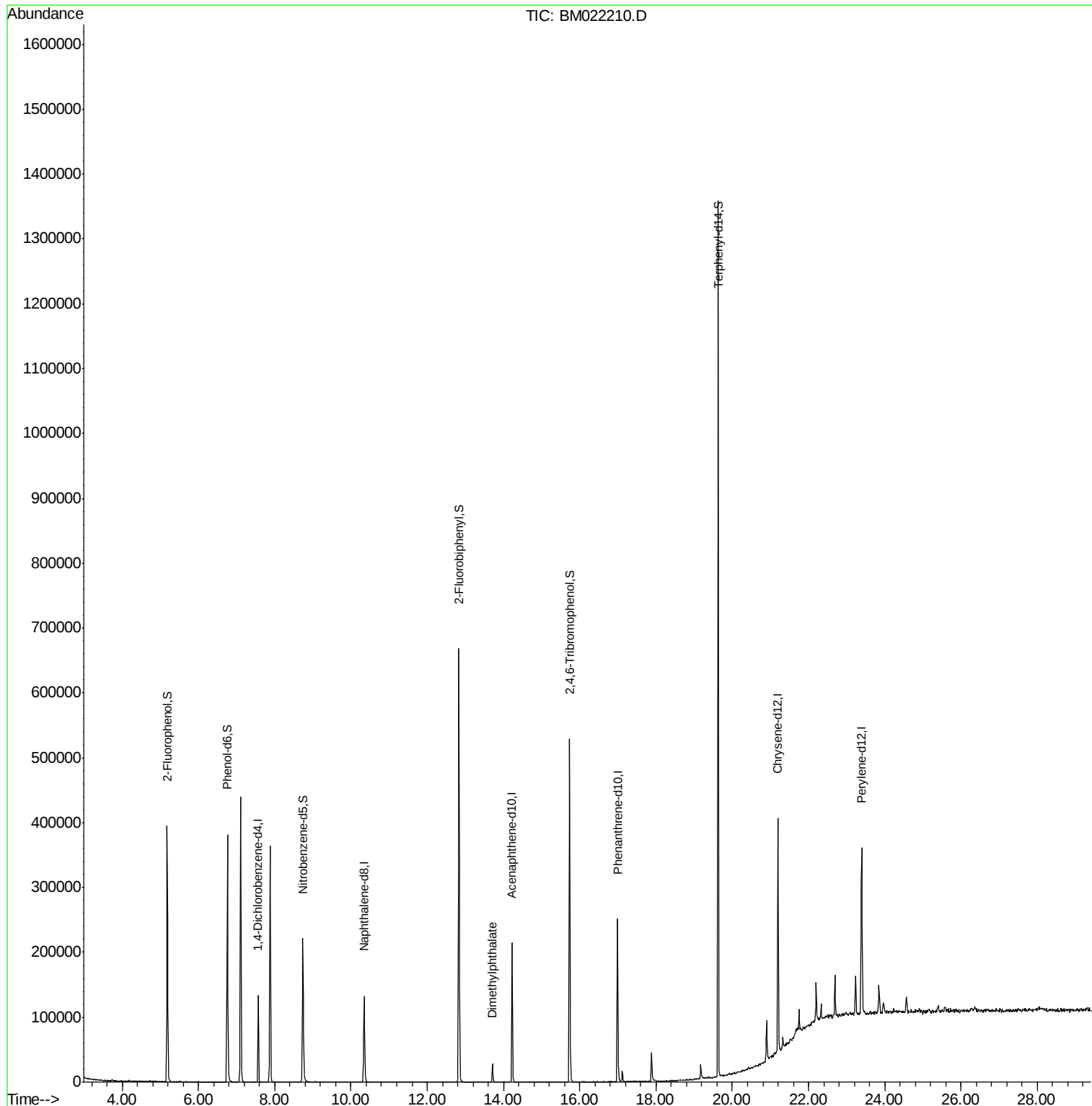
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	29666	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	111237	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	71980	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	150754	20.00	ng	0.00
76) Chrysene-d12	21.20	240	168905	20.00	ng	0.00
87) Perylene-d12	23.40	264	190619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	138596	83.25	ng	0.00
7) Phenol-d6	6.76	99	179024	80.75	ng	0.00
23) Nitrobenzene-d5	8.74	82	128442	56.16	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	85307	73.22	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	316657	54.95	ng	0.00
79) Terphenyl-d14	19.63	244	585398	50.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	21274	3.515	ng	Qvalue 99

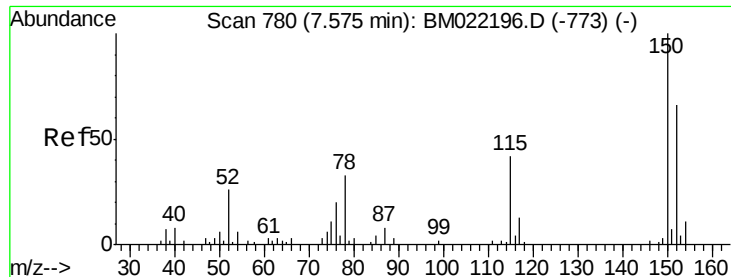
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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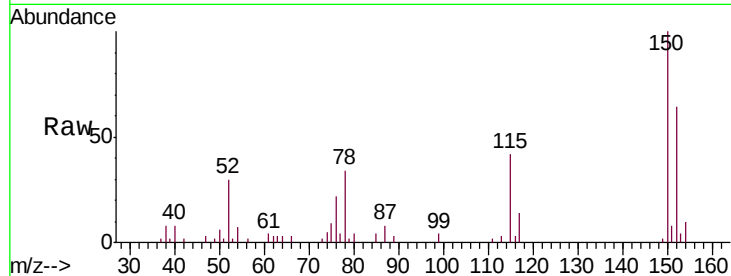




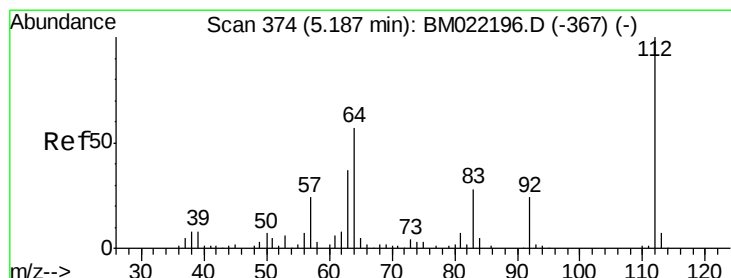
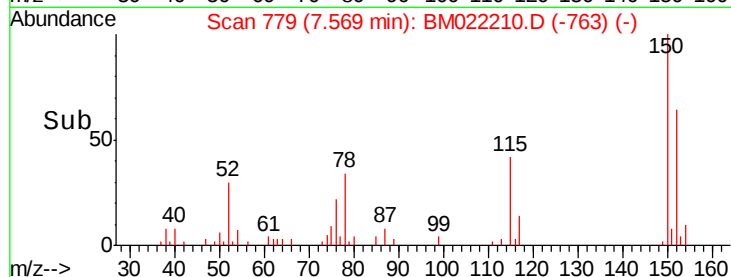
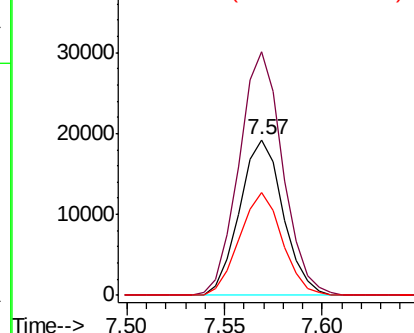
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022210.D
 Acq: 20 Aug 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 OAK-UST-SOIL

Tgt Ion:152 Resp: 29666
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.1 184.7
 115 66.2 44.2 66.4

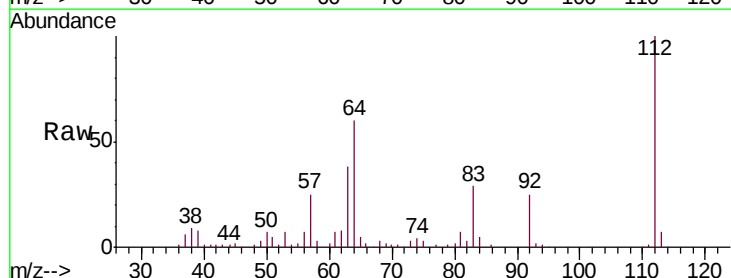


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

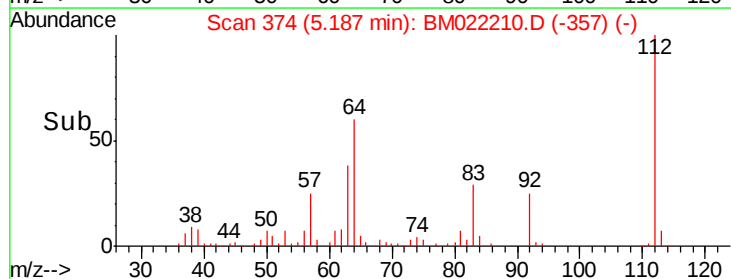
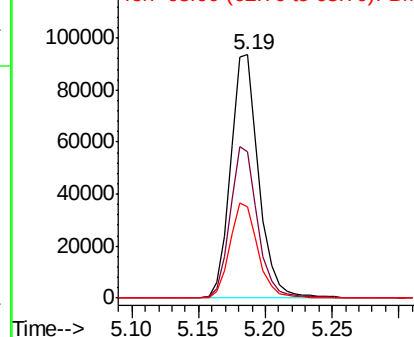


#5
 2-Fluorophenol
 Concen: 83.252 ng
 RT: 5.19 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BM022210.D
 Acq: 20 Aug 2019 13:46

Tgt Ion:112 Resp: 138596
 Ion Ratio Lower Upper
 112 100
 64 60.1 45.2 67.8
 63 37.6 23.5 35.3#



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: 80.752 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022210.D

Acq: 20 Aug 2019 13:46

Instrument :

BNA_M

ClientSampleId :

OAK-UST-SOIL

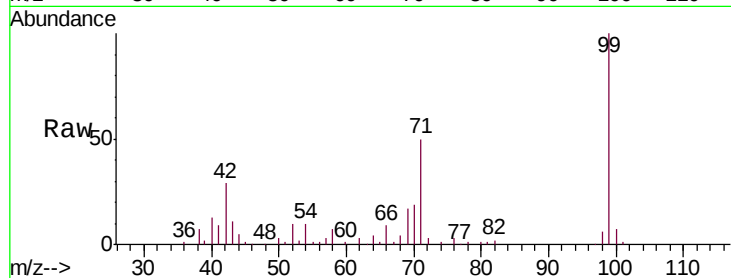
Tgt Ion: 99 Resp: 179024

Ion Ratio Lower Upper

99 100

42 28.6 13.5 20.3#

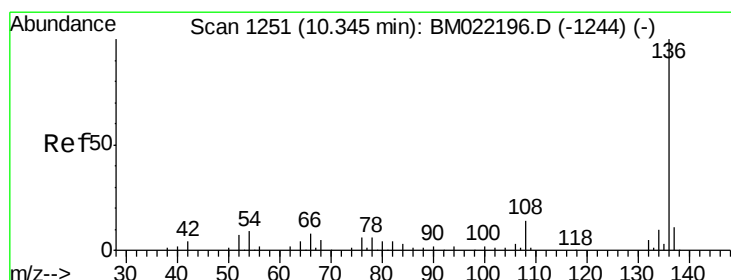
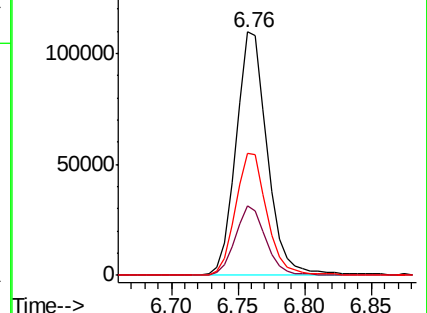
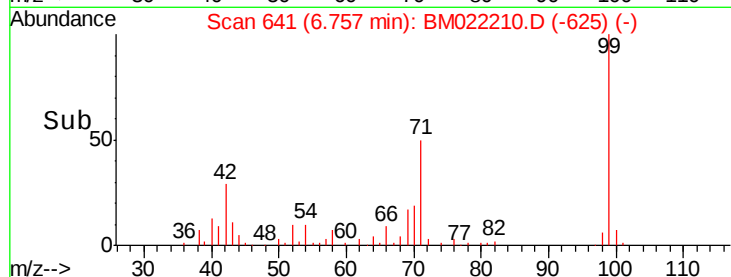
71 50.3 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022210.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022210.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022210.D (-625) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM022210.D

Acq: 20 Aug 2019 13:46

Tgt Ion: 136 Resp: 111237

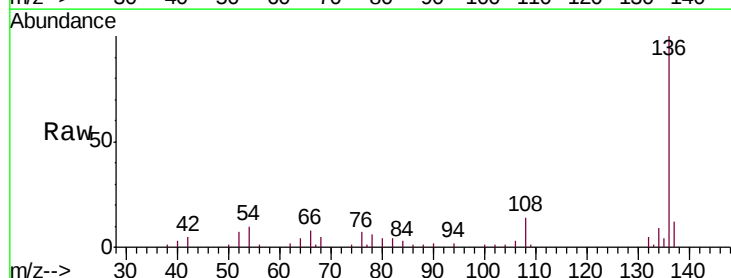
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 9.6 5.3 7.9#

68 5.3 4.4 6.6

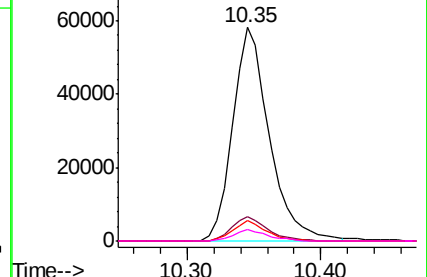
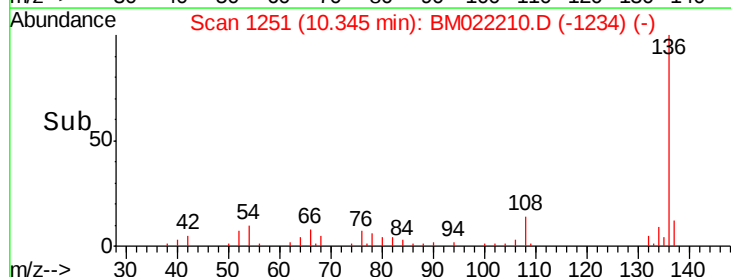


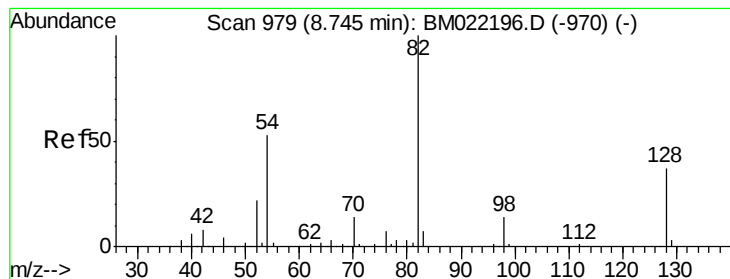
Abundance Ion 136.00 (135.70 to 136.70): BM022210.D (-1234) (-)

Ion 137.00 (136.70 to 137.70): BM022210.D (-1234) (-)

Ion 54.00 (53.70 to 54.70): BM022210.D (-1234) (-)

Ion 68.00 (67.70 to 68.70): BM022210.D (-1234) (-)





#23

Nitrobenzene-d5

Concen: 56.160 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM022210.D

Acq: 20 Aug 2019 13:46

Instrument :

BNA_M

ClientSampleId :

OAK-UST-SOIL

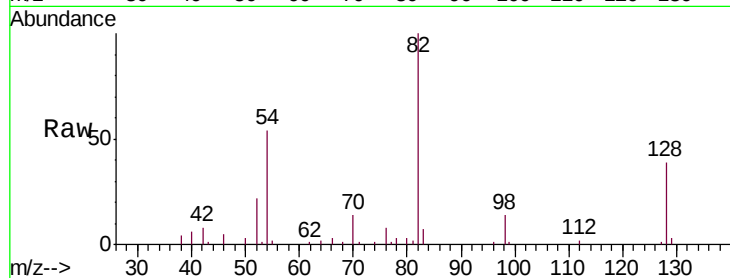
Tgt Ion: 82 Resp: 128442

Ion Ratio Lower Upper

82 100

128 38.8 35.9 53.9

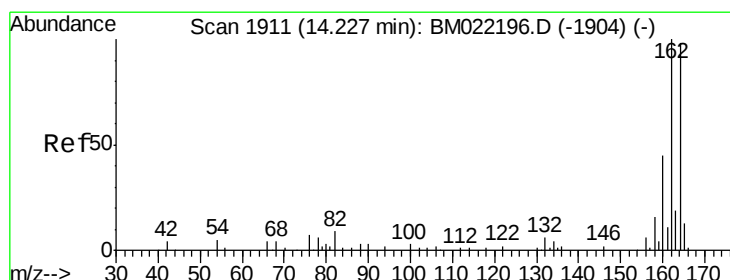
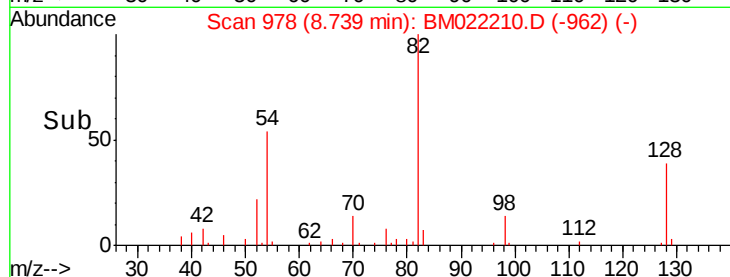
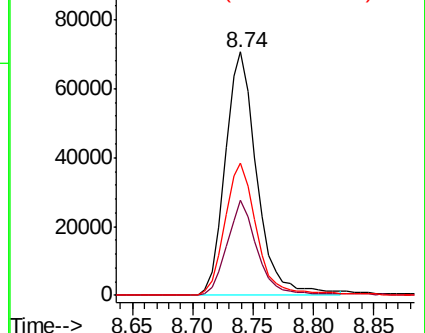
54 54.4 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BM022196.D (-970) (-)

Ion 128.00 (127.70 to 128.70): BM022196.D (-970) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-970) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM022210.D

Acq: 20 Aug 2019 13:46

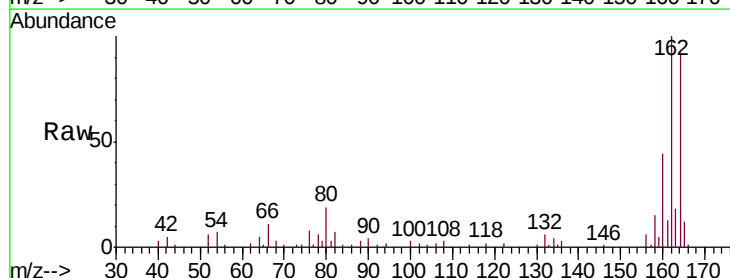
Tgt Ion: 164 Resp: 71980

Ion Ratio Lower Upper

164 100

162 108.3 82.1 123.1

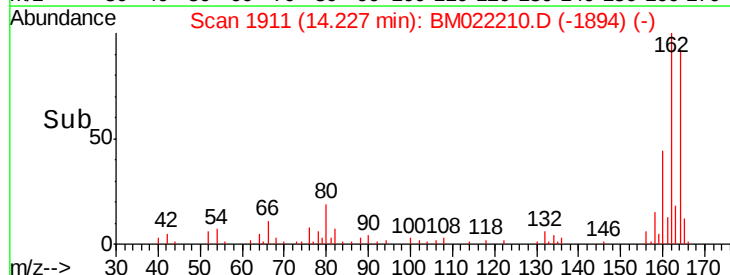
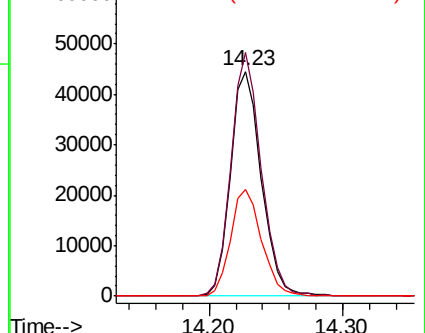
160 47.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BM022196.D (-1904) (-)

Ion 162.00 (161.70 to 162.70): BM022196.D (-1904) (-)

Ion 160.00 (159.70 to 160.70): BM022196.D (-1904) (-)

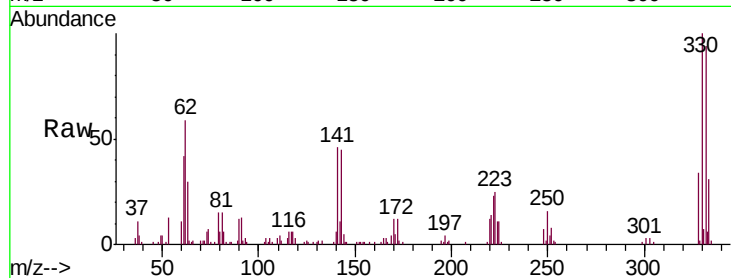




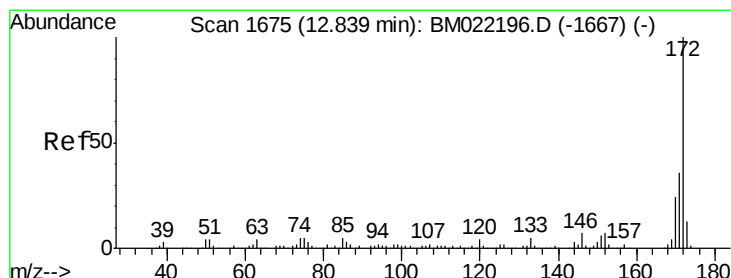
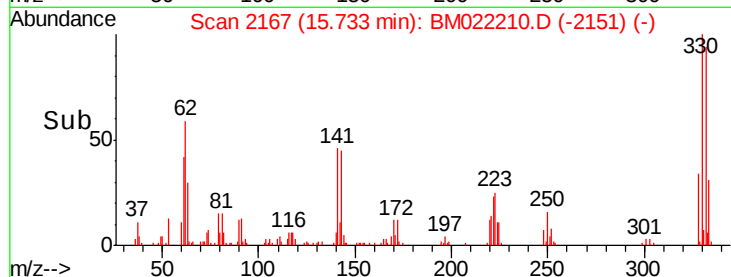
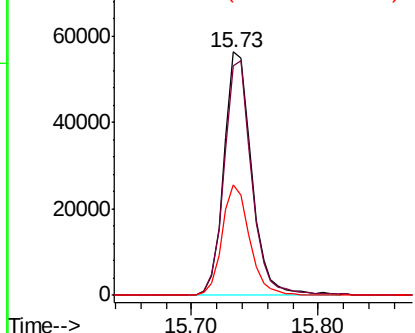
#42
 2,4,6-Tribromophenol
 Concen: 73.221 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022210.D
 Acq: 20 Aug 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 OAK-UST-SOIL

Tgt Ion:330 Resp: 85307
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 44.8 21.8 32.8#

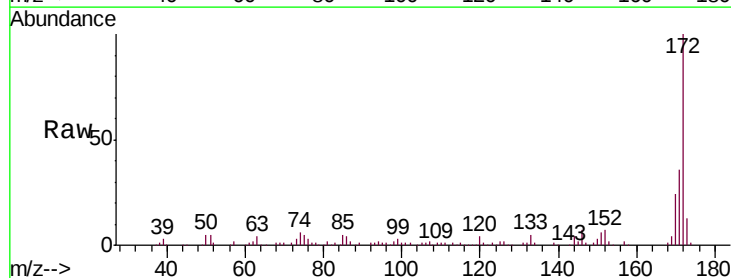


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

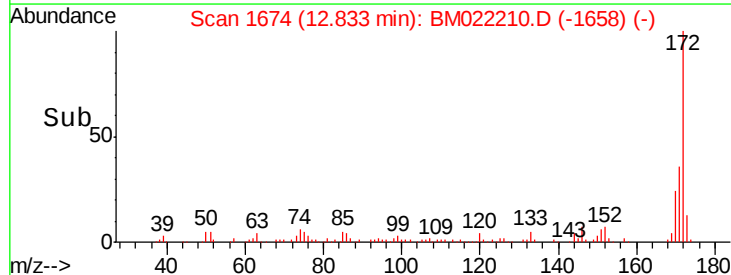
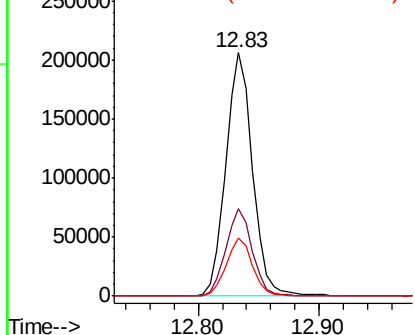


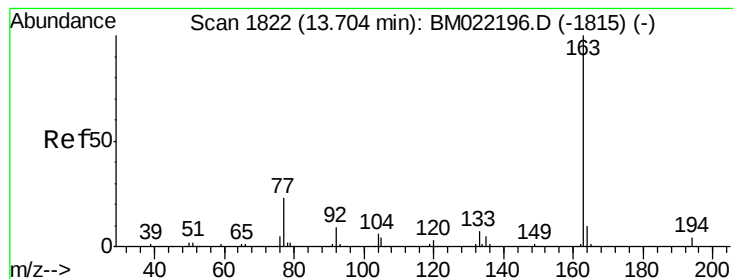
#45
 2-Fluorobiphenyl
 Concen: 54.946 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022210.D
 Acq: 20 Aug 2019 13:46

Tgt Ion:172 Resp: 316657
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.6 18.7 28.1



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: 3.515 ng

RT: 13.71 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BM022210.D

Acq: 20 Aug 2019 13:46

Instrument :

BNA_M

ClientSampleId :

OAK-UST-SOIL

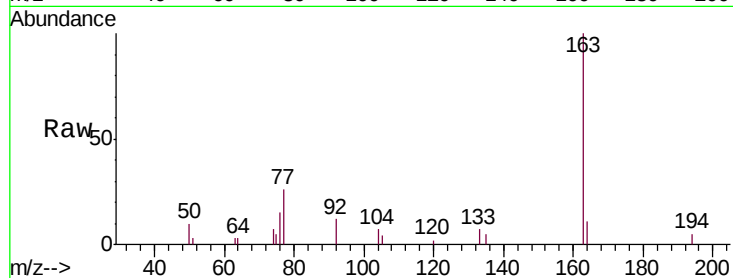
Tgt Ion:163 Resp: 21274

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

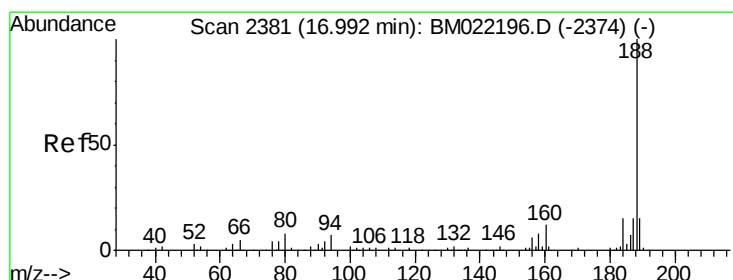
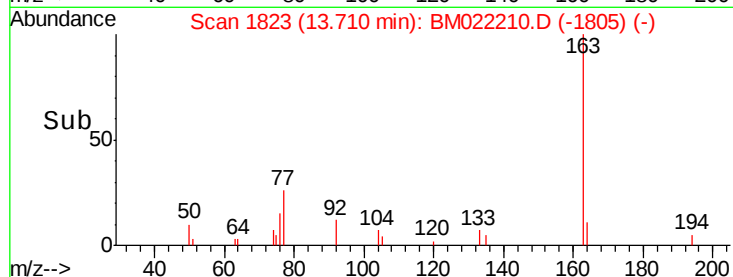
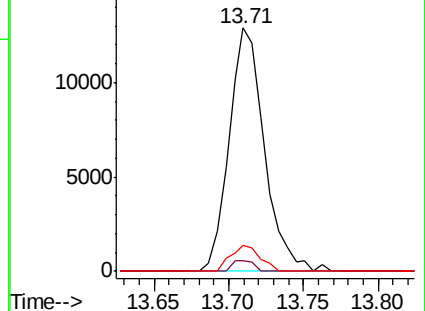
164 10.8 8.2 12.2



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: 16.99 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM022210.D

Acq: 20 Aug 2019 13:46

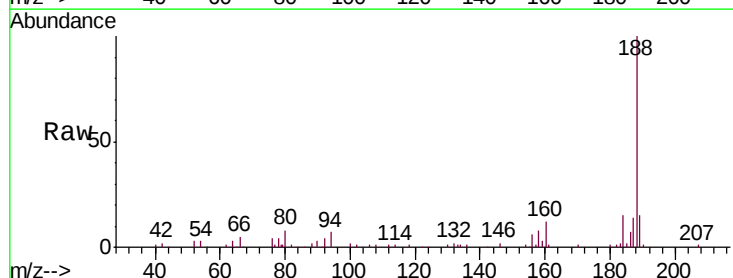
Tgt Ion:188 Resp: 150754

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

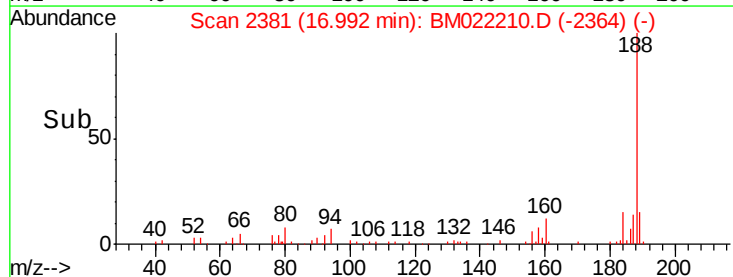
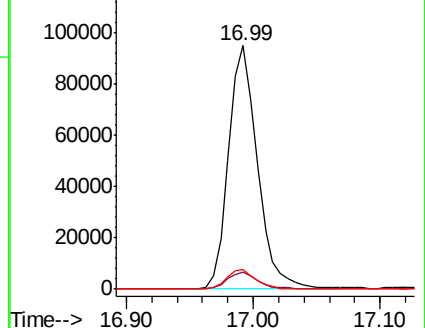
80 7.9 6.9 10.3

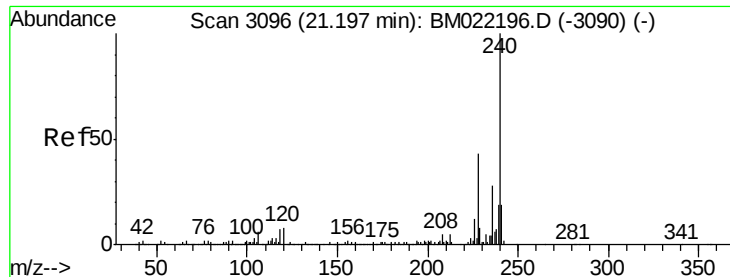


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

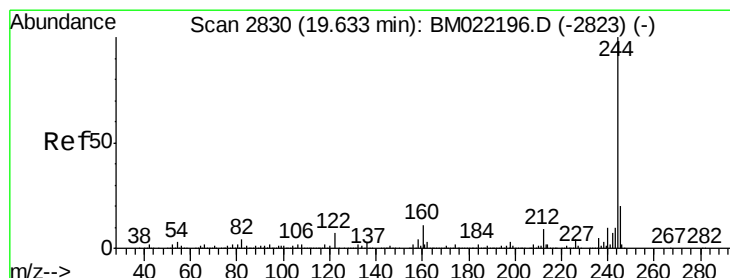
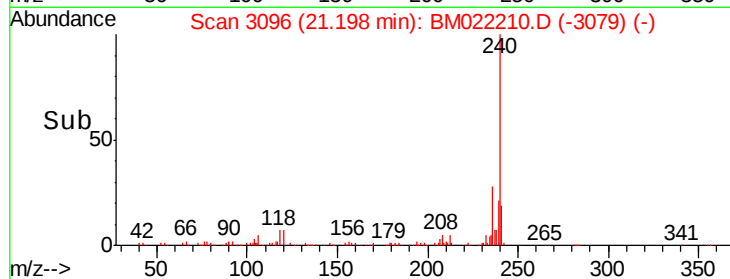
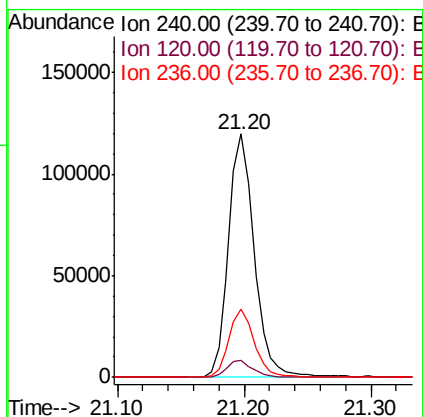
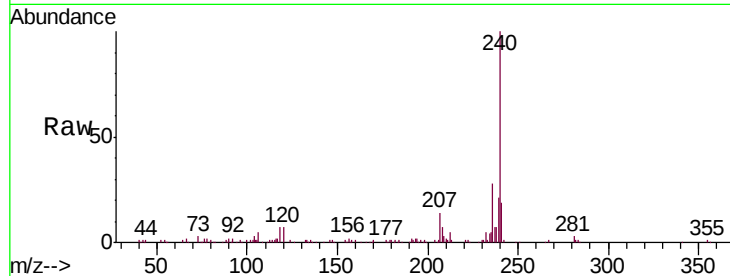




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

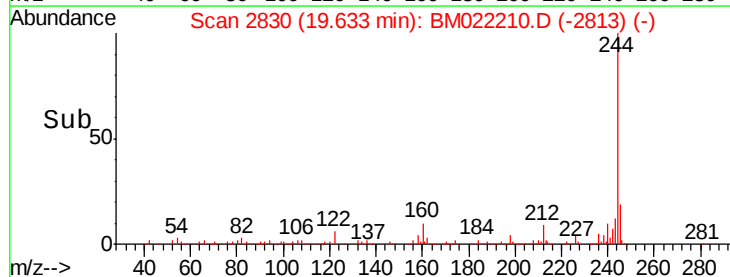
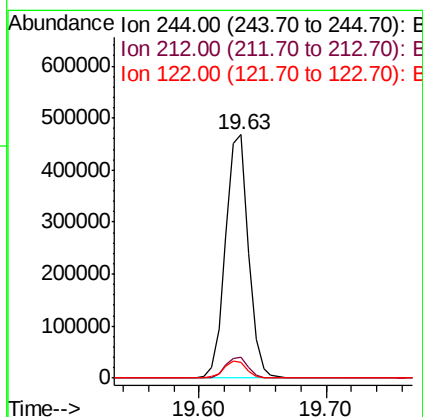
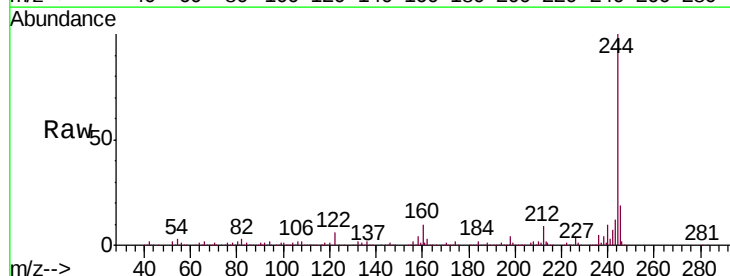
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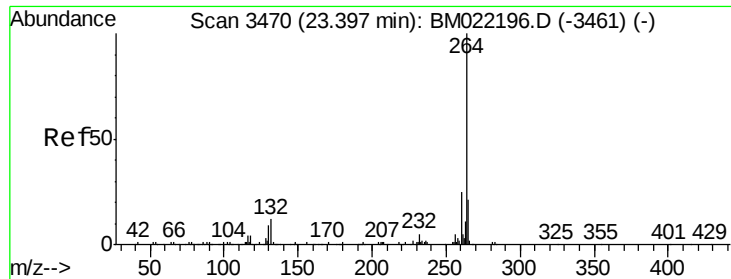
Tgt Ion:240 Resp: 168905
Ion Ratio Lower Upper
240 100
120 7.2 6.9 10.3
236 28.2 20.4 30.6



#79
Terphenyl-d14
Concen: 50.500 ng
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

Tgt Ion:244 Resp: 585398
Ion Ratio Lower Upper
244 100
212 8.7 5.3 7.9#
122 6.3 6.6 9.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.5	17.7	26.5

