

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
 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

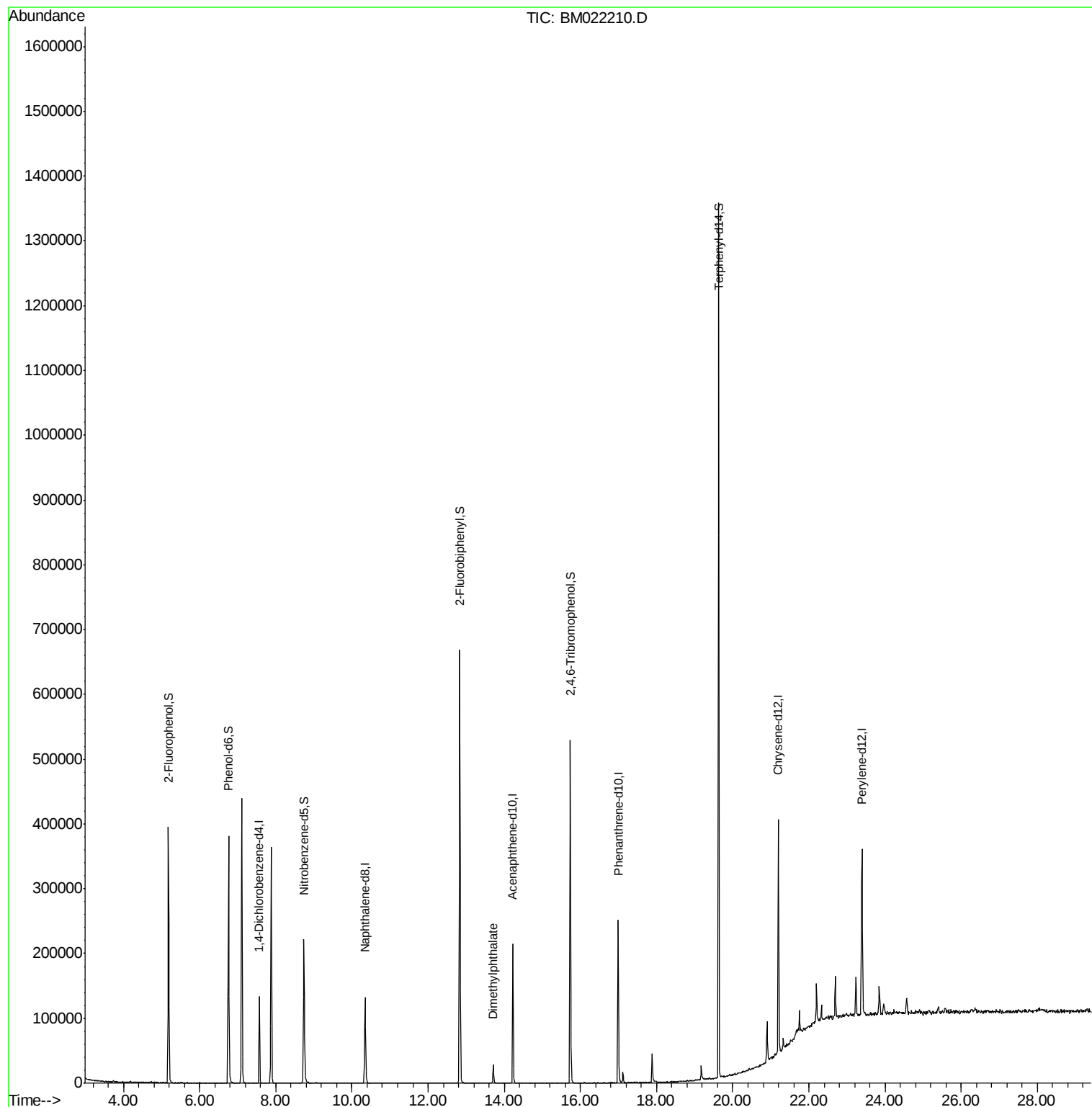
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	29666	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	111237	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	71980	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	150754	20.00	ng	0.00
76) Chrysene-d12	21.20	240	168905	20.00	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

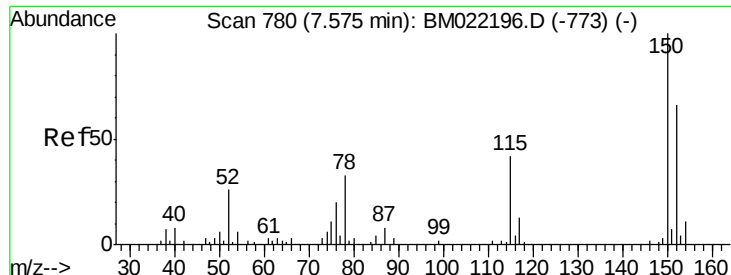
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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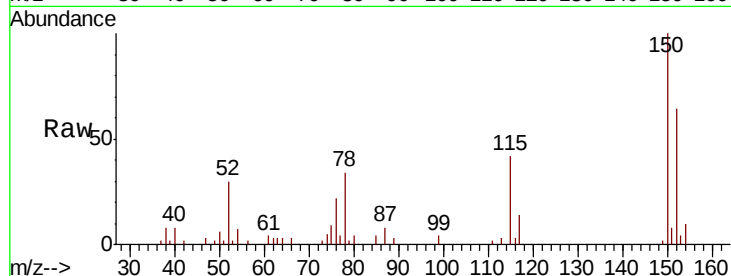


#1

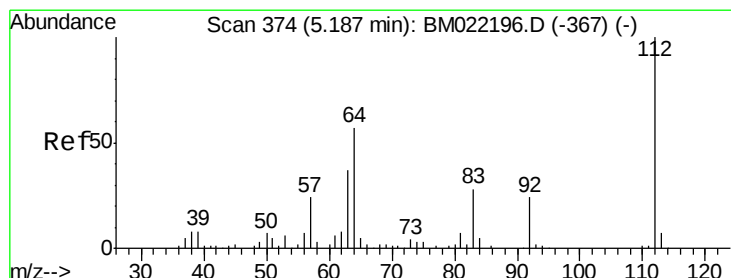
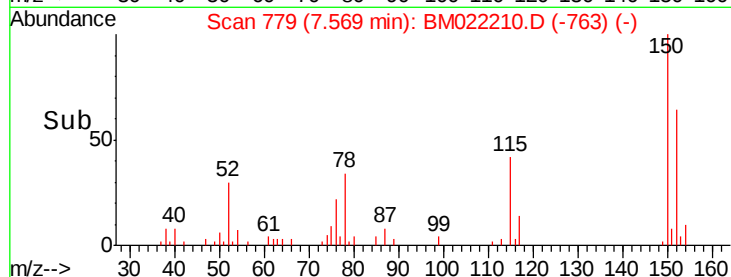
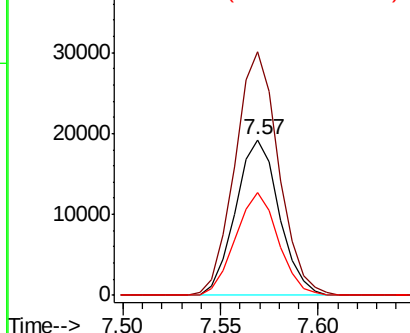
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

Instrument :
BNA_M
ClientSampleId :
OAK-UST-SOIL

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



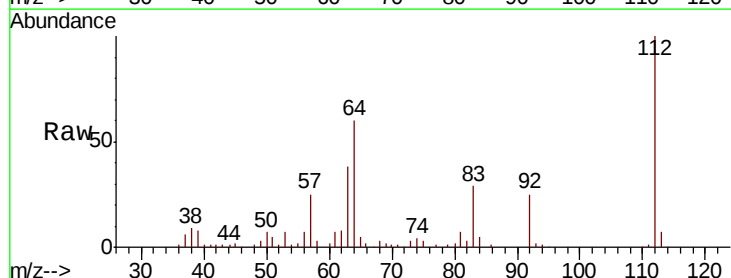
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



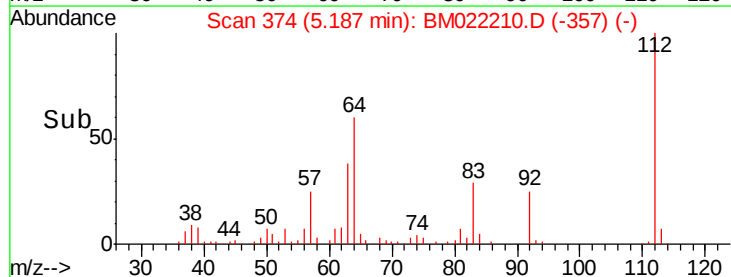
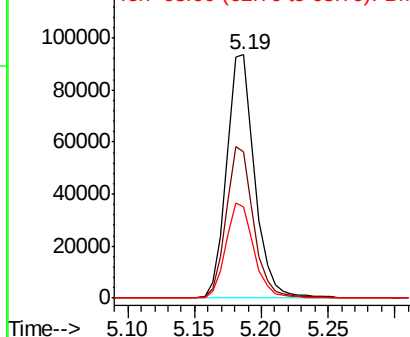
#5

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

ClientSampled :

OAK-UST-SOIL

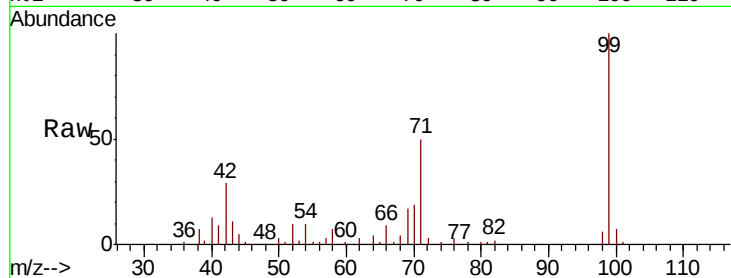
Tot Ion: 99 Resp: 179024

Ion Ratio Lower Upper

99 100

42 28.6 13.5 20.3#

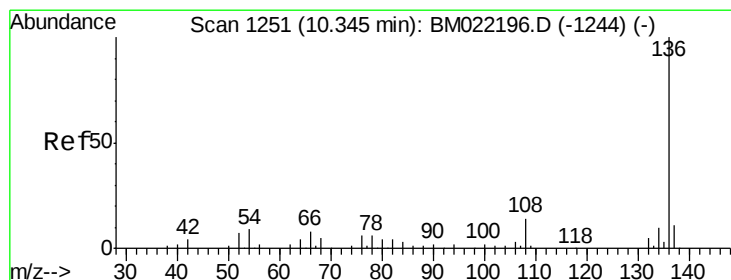
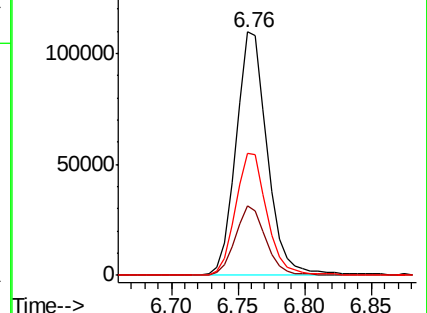
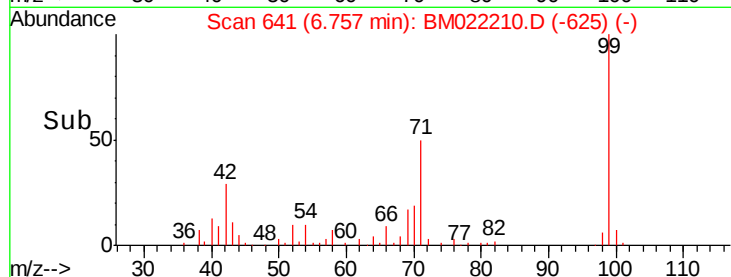
71 50.3 29.3 43.9#



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

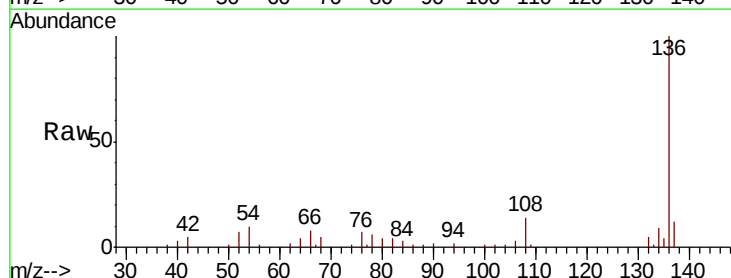
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 9.6 5.3 7.9#

68 5.3 4.4 6.6

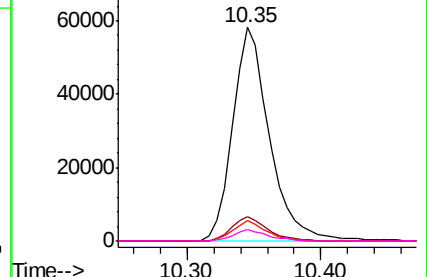
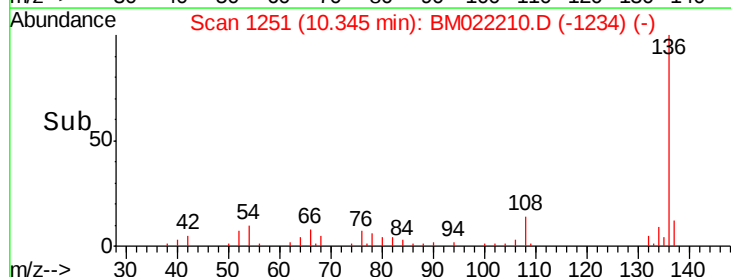


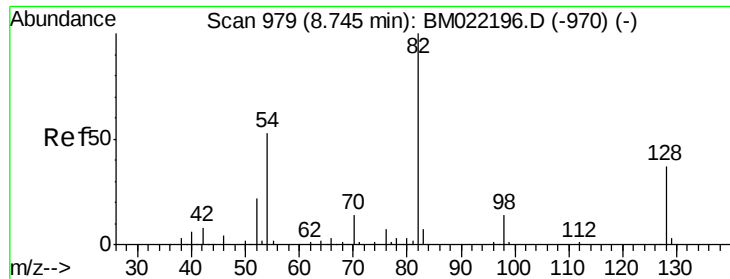
Abundance Ion 136.00 (135.70 to 136.70): BM022210.D (-1234) (-)

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) (-)

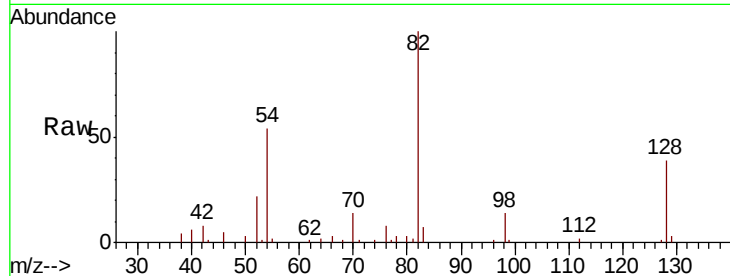




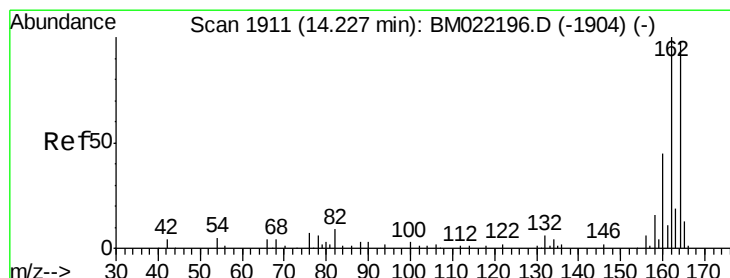
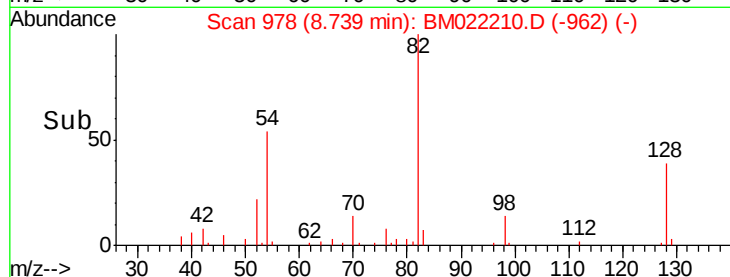
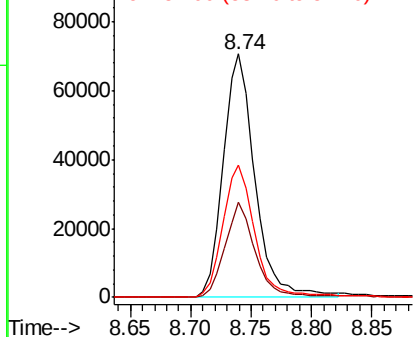
#23
Nitrobenzene-d5
Concen: 56.160 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

Instrument :
BNA_M
ClientSampleId :
OAK-UST-SOIL

Tot Ion	82	Resp	128	442
Ion Ratio	100			
Lower		35.9		
Upper		53.9		
54	54.4		36.6	55.0

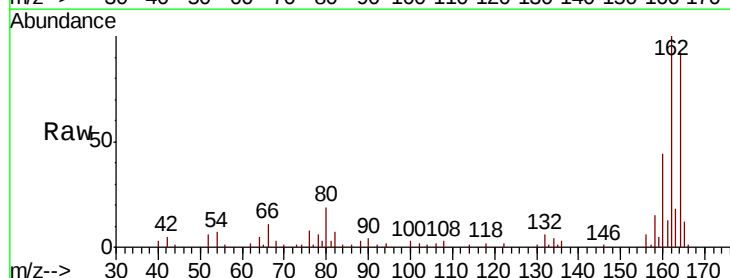


Abundance Ion 82.00 (81.70 to 82.70): BM022196.D (-970) (-)

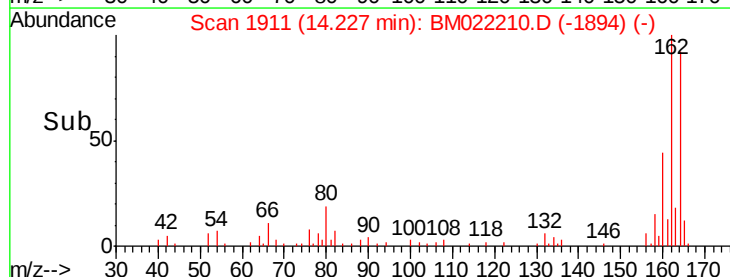
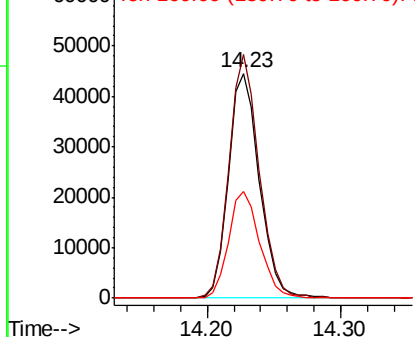


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

Tgt Ion	164	Resp	71980
Ion Ratio	100		
Lower		82.1	123.1
Upper		55.7	
162	108.3		
160	47.3		



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

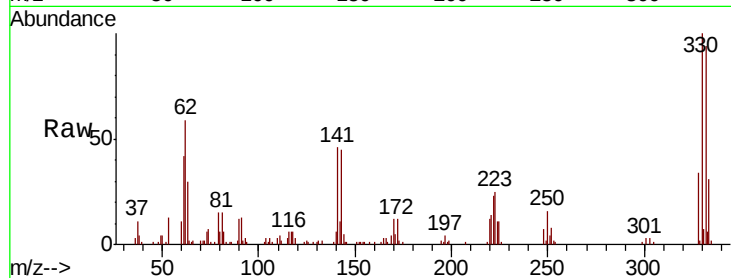




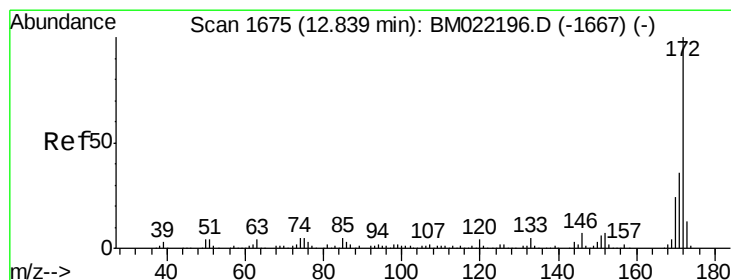
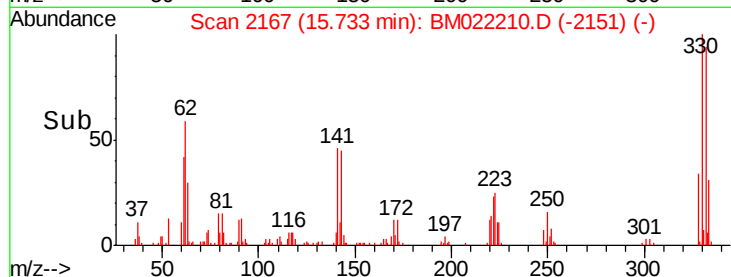
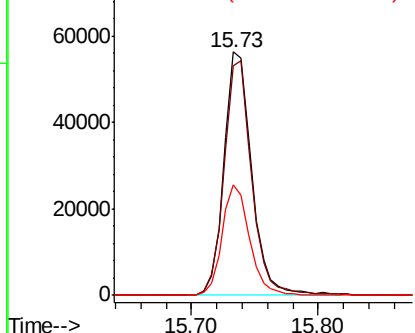
#42
 2,4,6-Tribromophenol
 Concen: 73.221 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022210.D
 Acq: 20 Aug 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 OAK-UST-SOIL

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

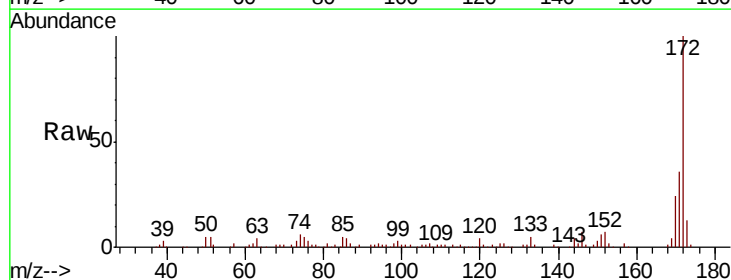


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

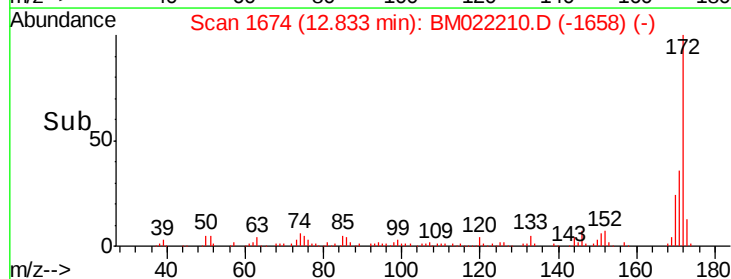
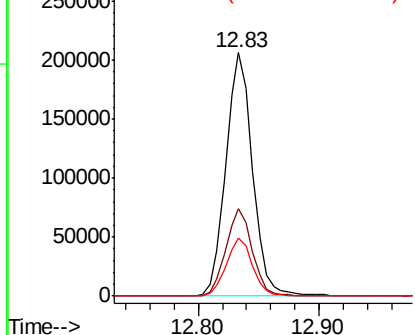


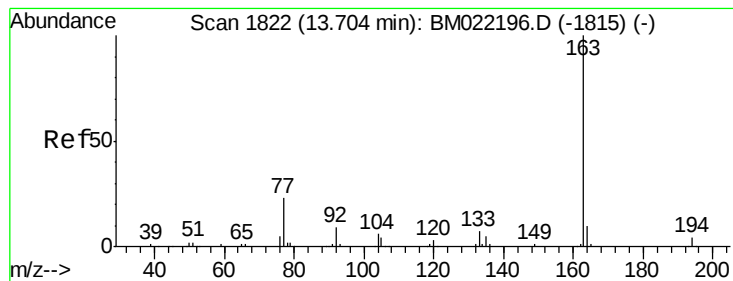
#45
 2-Fluorobiphenyl
 Concen: 54.946 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022210.D
 Acq: 20 Aug 2019 13:46

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

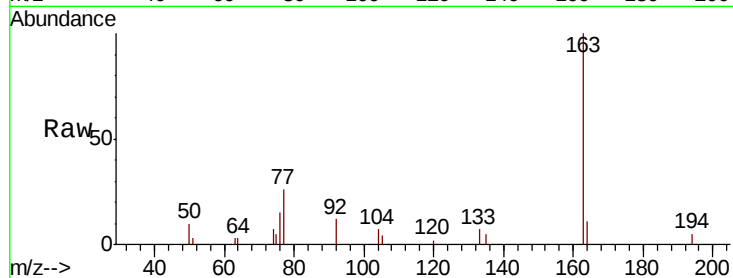
Tot Ion:163 Resp: 21274

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

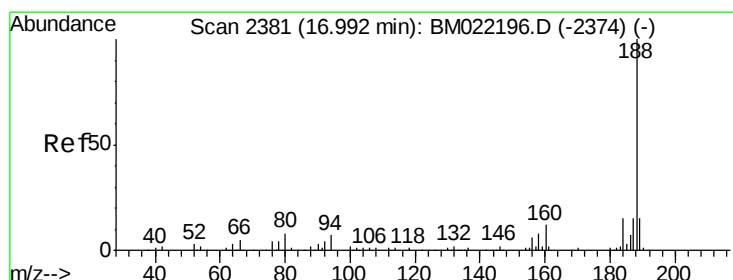
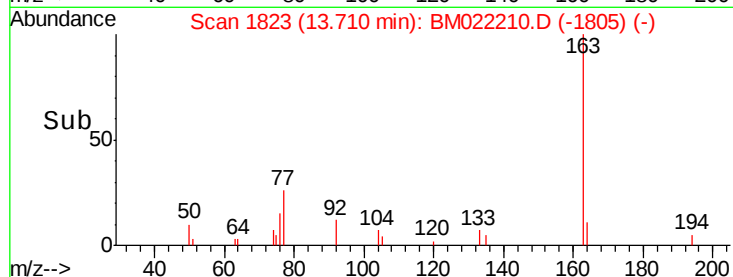
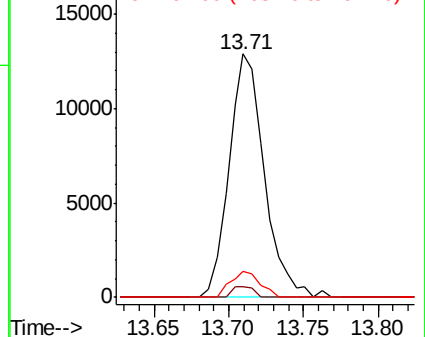
164 10.8 8.2 12.2



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

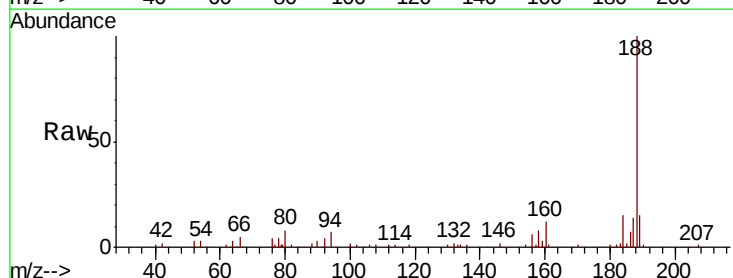
Tgt Ion:188 Resp: 150754

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

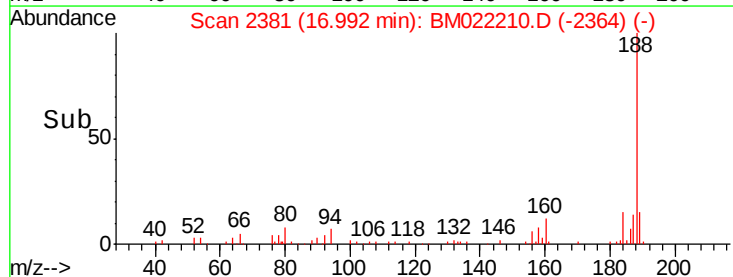
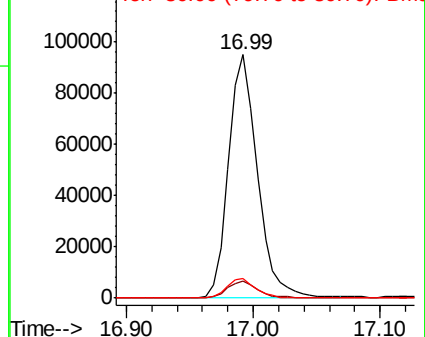
80 7.9 6.9 10.3

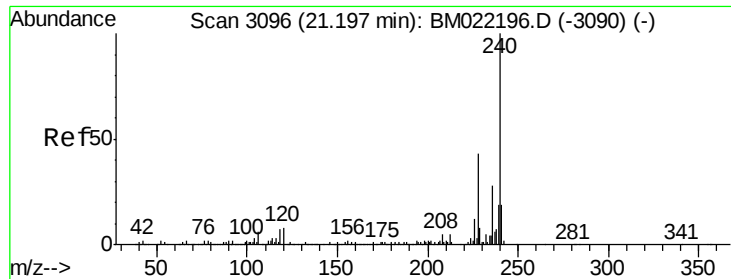


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

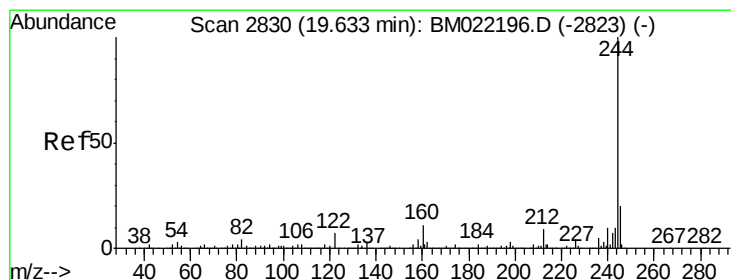
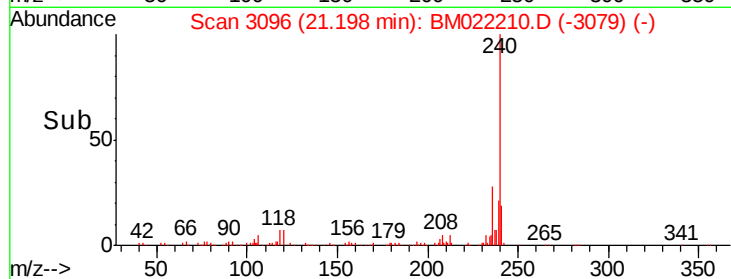
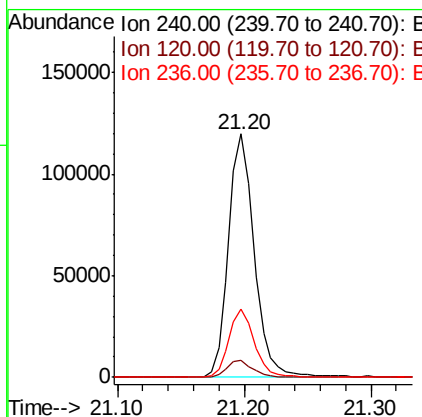
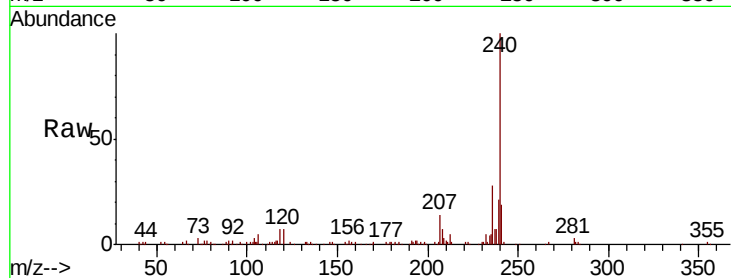




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

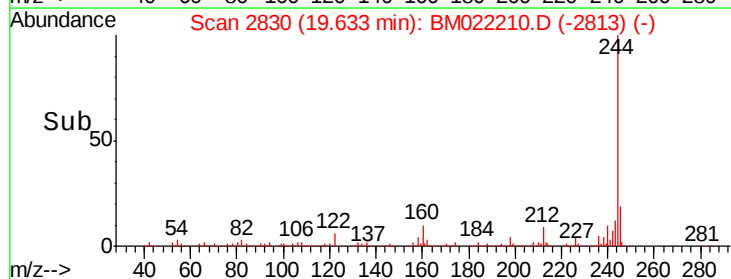
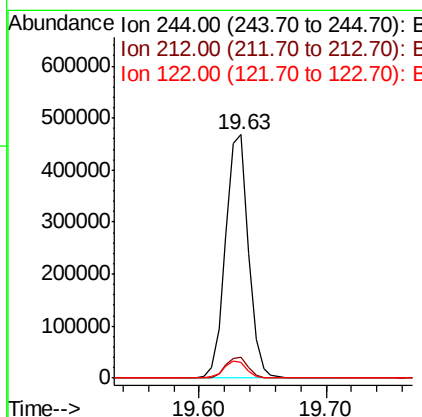
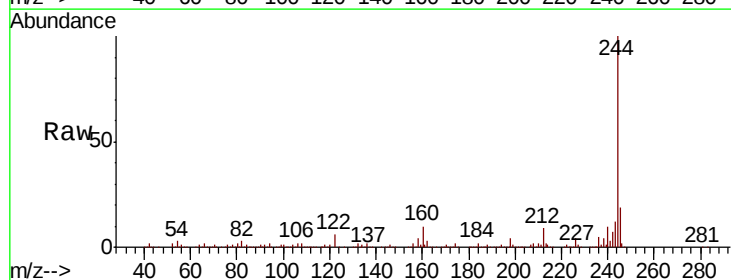
Instrument :
BNA_M
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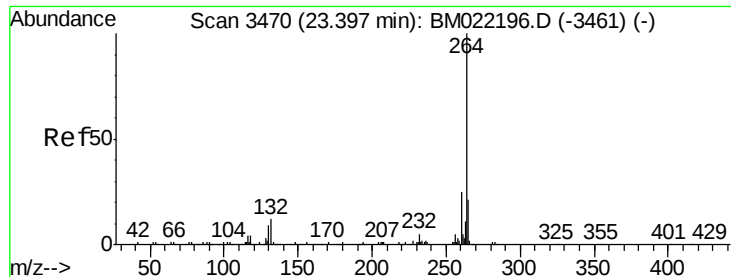
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.9	10.3
236	28.2	20.4	30.6



#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	Ratio	Lower	Upper
244	100		
212	8.7	5.3	7.9#
122	6.3	6.6	9.8#

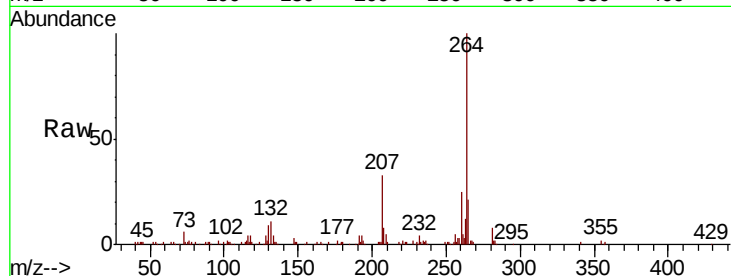




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM022210.D
Acq: 20 Aug 2019 13:46

Instrument :
BNA_M
ClientSampleId :
OAK-UST-SOIL

Tot Ion:	264	Resp:	190619
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.5	17.7	26.5



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

