

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037465.D
 Acq On : 11 Nov 2022 13:51
 Operator : CG/JU
 Sample : N5529-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NMS-SOIL-1108

Quant Time: Nov 11 22:55:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

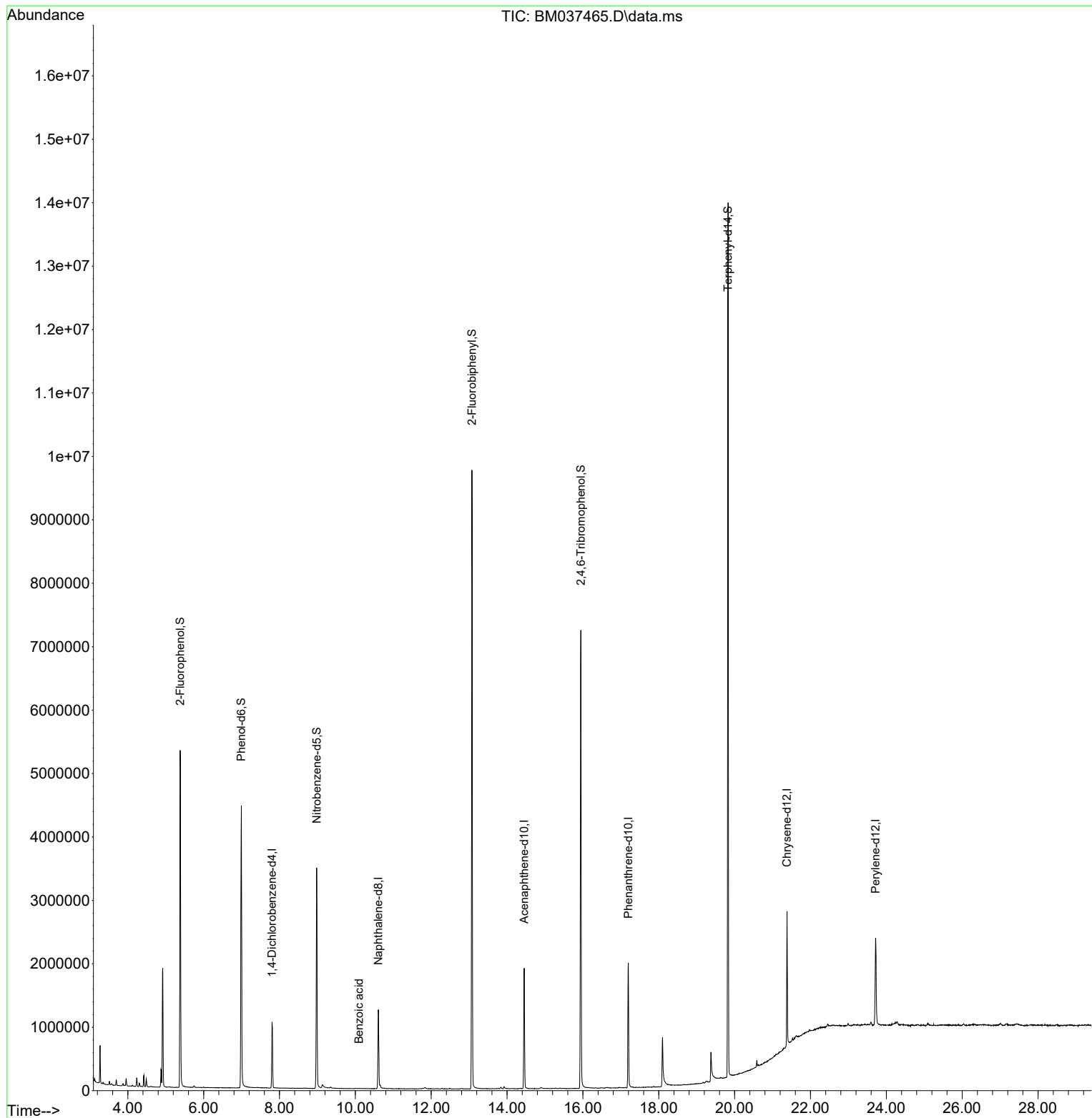
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	280240	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1076959	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	639893	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1202347	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1014795	20.000	ng	0.00
86) Perylene-d12	23.715	264	1052595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2280745	140.605	ng	0.00
7) Phenol-d6	6.993	99	2612437	118.664	ng	0.00
23) Nitrobenzene-d5	8.981	82	1966979	92.148	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1408809	186.822	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4664731	96.860	ng	0.00
79) Terphenyl-d14	19.827	244	6507522	114.996	ng	0.00
Target Compounds						
32) Benzoic acid	10.093	122	396	7.003	ng	Qvalue # 31

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

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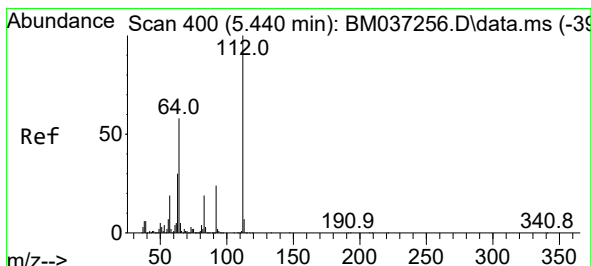
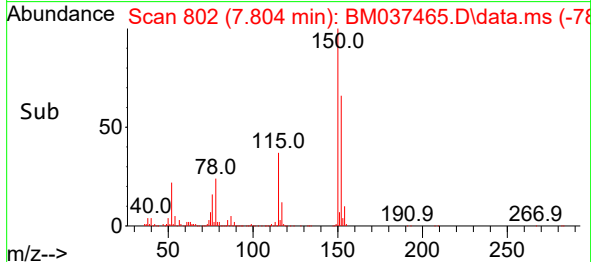
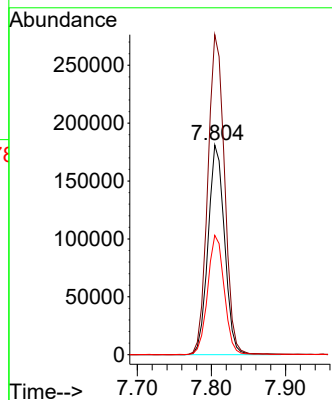
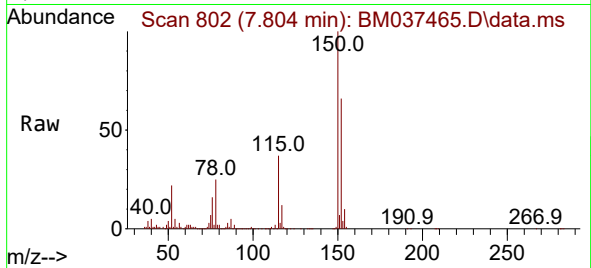




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

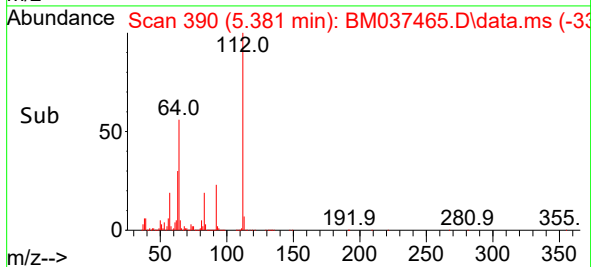
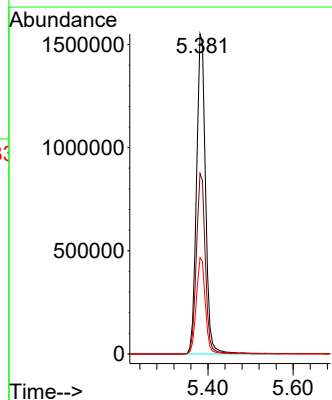
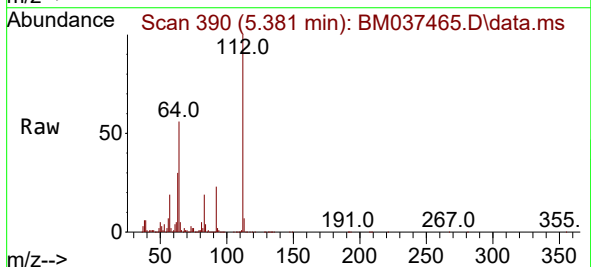
Instrument :
BNA_M
ClientSampleId :
NMS-SOIL-1108

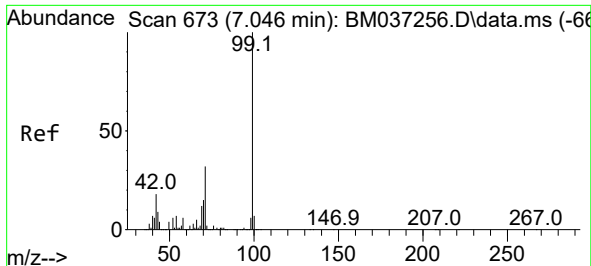
Tgt Ion:152 Resp: 280240
Ion Ratio Lower Upper
152 100
150 152.5 124.8 187.2
115 56.9 47.0 70.4



#5
2-Fluorophenol
Concen: 140.605 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

Tgt Ion:112 Resp: 2280745
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 30.1 24.4 36.6

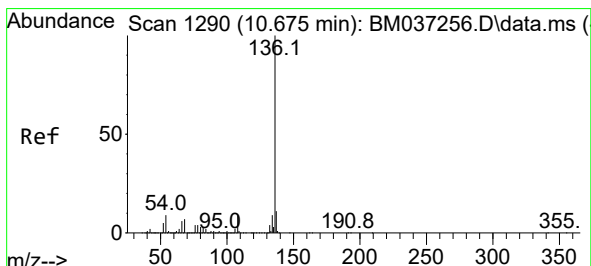
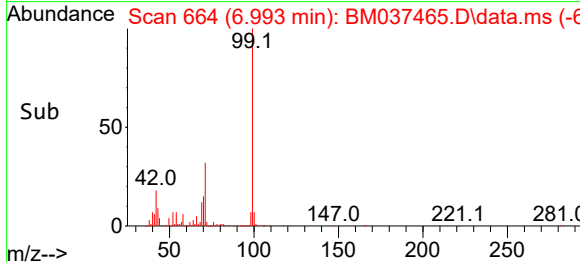
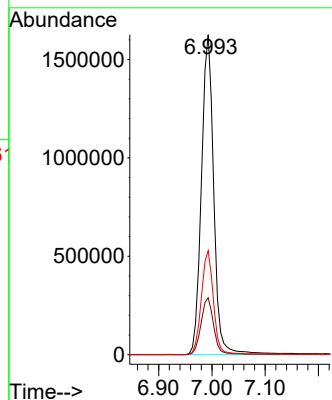
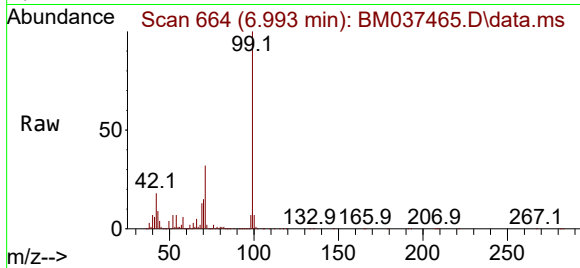




#7
Phenol-d6
Concen: 118.664 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

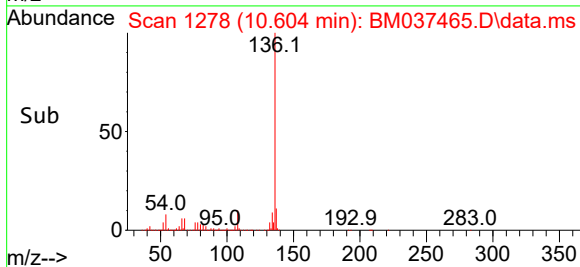
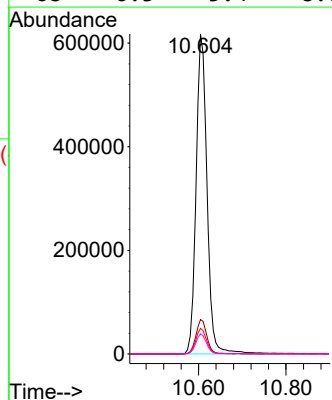
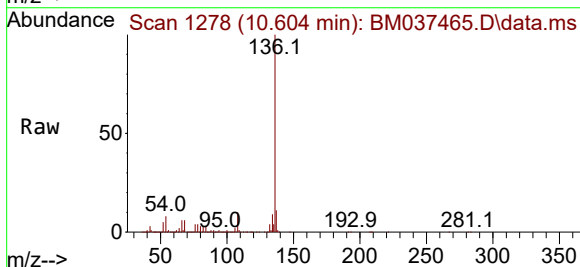
Instrument :
BNA_M
ClientSampleId :
NMS-SOIL-1108

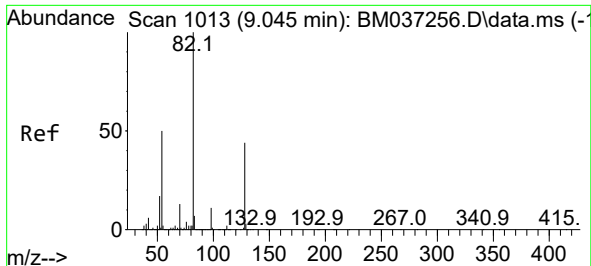
Tgt Ion: 99 Resp: 2612437
Ion Ratio Lower Upper
99 100
42 17.8 14.8 22.2
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

Tgt Ion: 136 Resp: 1076959
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.0 7.0 10.4
68 6.3 5.4 8.0

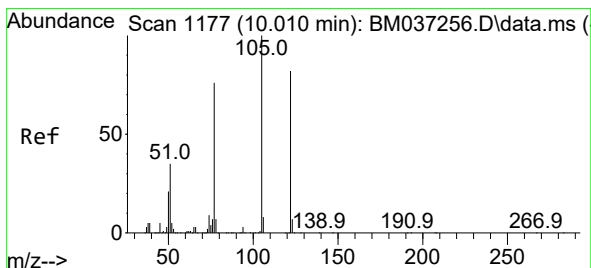
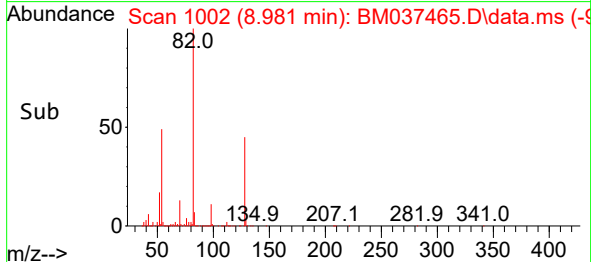
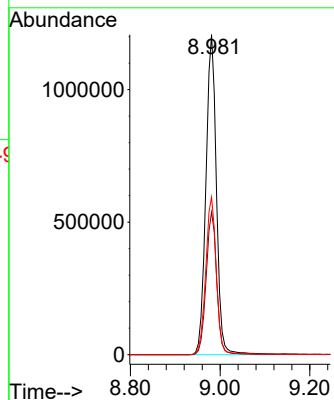
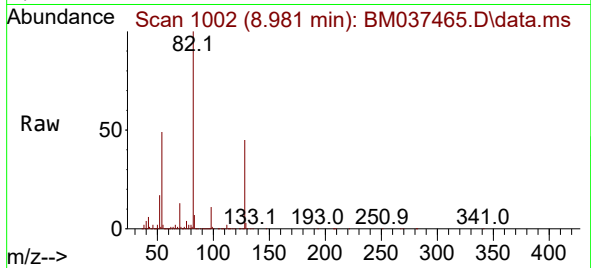




#23
Nitrobenzene-d5
Concen: 92.148 ng
RT: 8.981 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

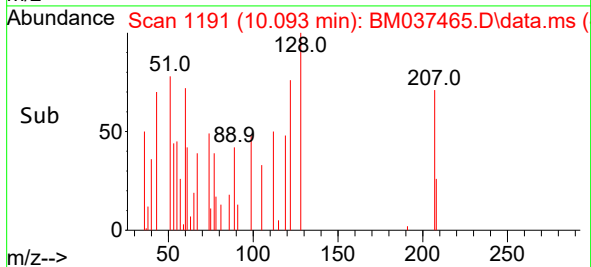
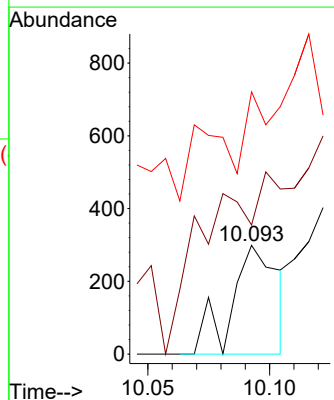
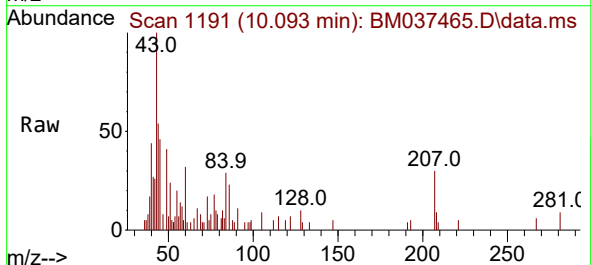
Instrument :
BNA_M
ClientSampleId :
NMS-SOIL-1108

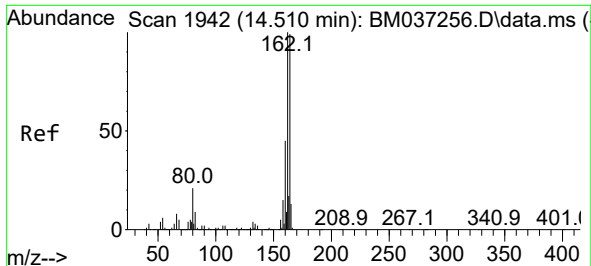
Tgt Ion: 82 Resp: 1966979
Ion Ratio Lower Upper
82 100
128 44.5 35.2 52.8
54 49.3 40.4 60.6



#32
Benzoic acid
Concen: 7.003 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.112 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

Tgt Ion:122 Resp: 396
Ion Ratio Lower Upper
122 100
105 118.7 100.1 140.1
77 241.1 71.7 111.7#

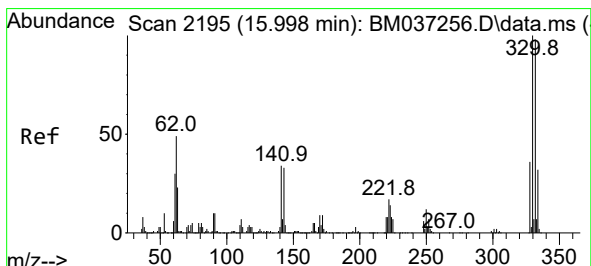
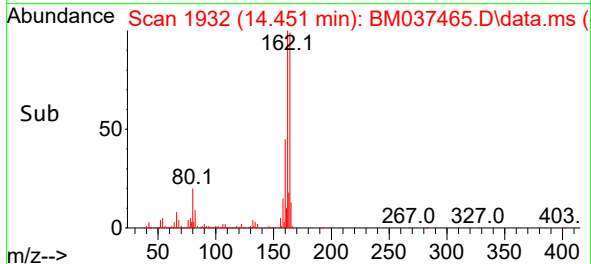
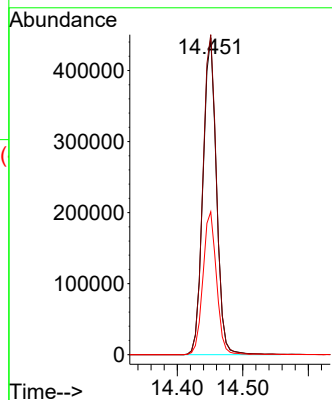
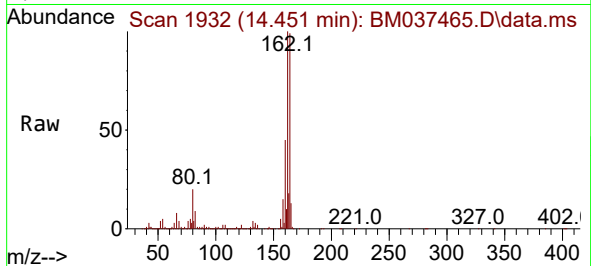




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

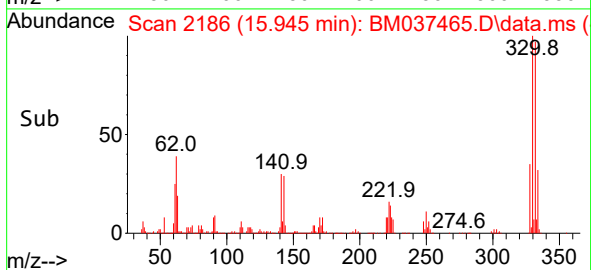
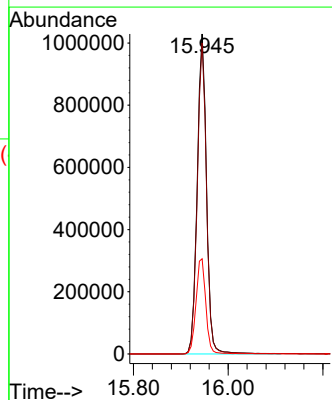
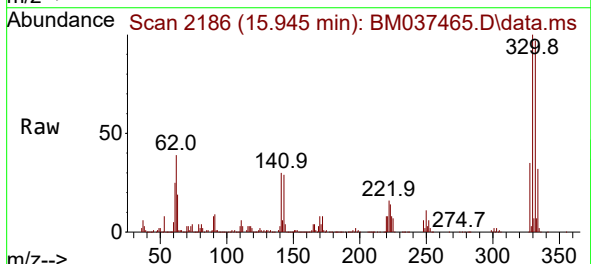
Instrument :
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ClientSampleId :
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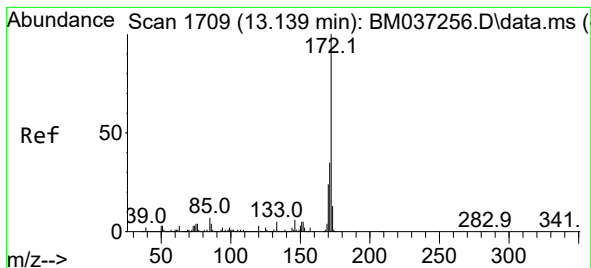
Tgt Ion:164 Resp: 639893
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 186.822 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037465.D
Acq: 11 Nov 2022 13:51

Tgt Ion:330 Resp: 1408809
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 31.3 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 96.860 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037465.D

Acq: 11 Nov 2022 13:51

Instrument :

BNA_M

ClientSampleId :

NMS-SOIL-1108

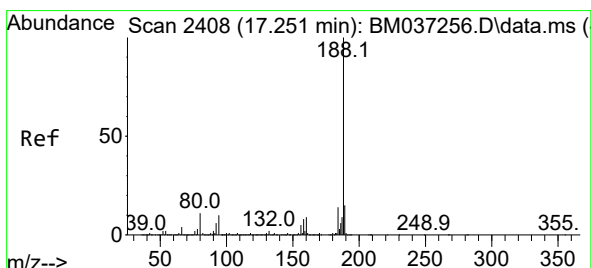
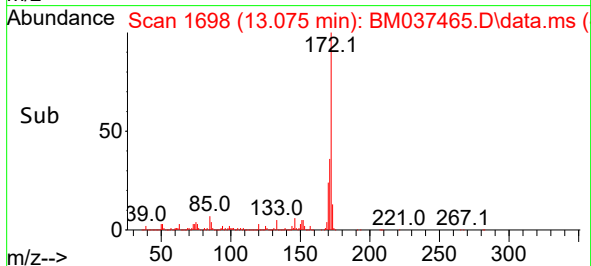
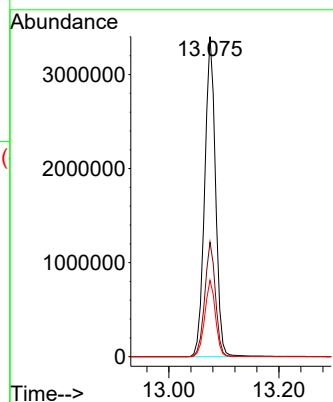
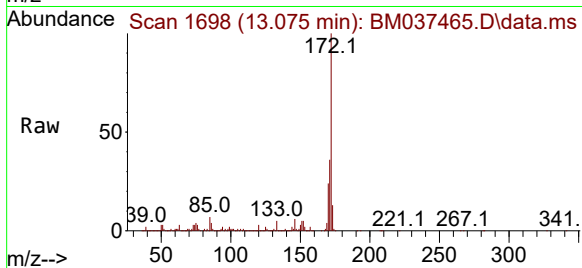
Tgt Ion:172 Resp: 4664731

Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 23.9 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BM037465.D

Acq: 11 Nov 2022 13:51

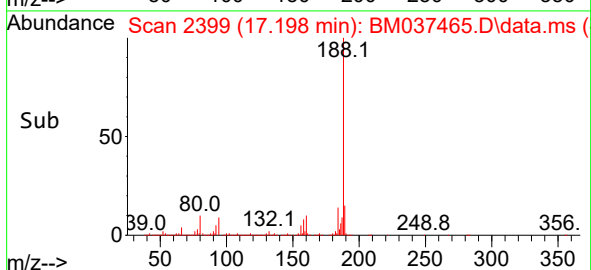
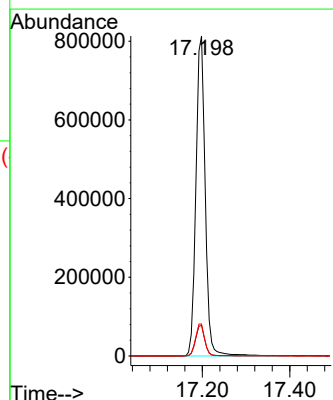
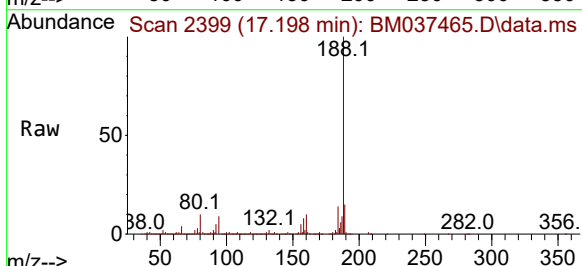
Tgt Ion:188 Resp: 1202347

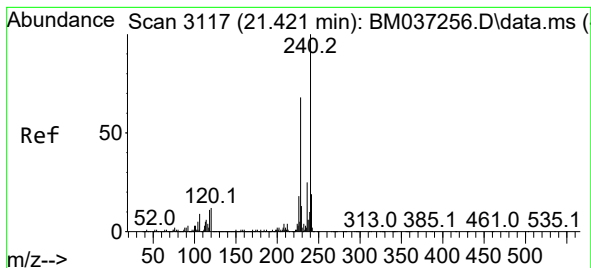
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.0 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM037465.D

Acq: 11 Nov 2022 13:51

Instrument :

BNA_M

ClientSampleId :

NMS-SOIL-1108

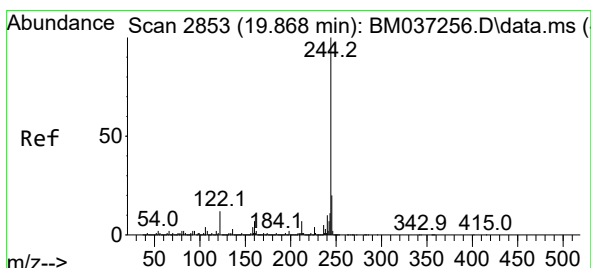
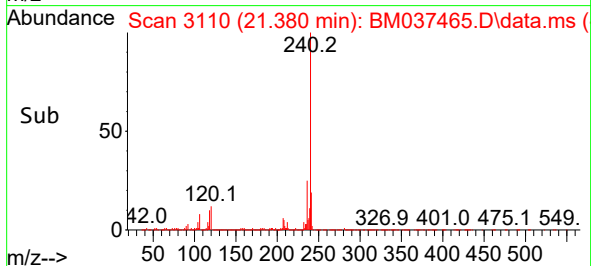
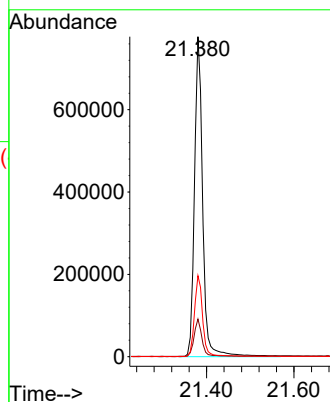
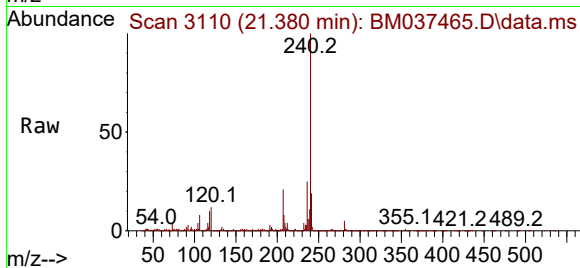
Tgt Ion:240 Resp: 1014795

Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

236 25.3 20.3 30.5



#79

Terphenyl-d14

Concen: 114.996 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037465.D

Acq: 11 Nov 2022 13:51

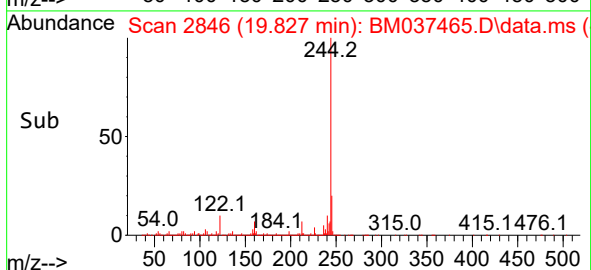
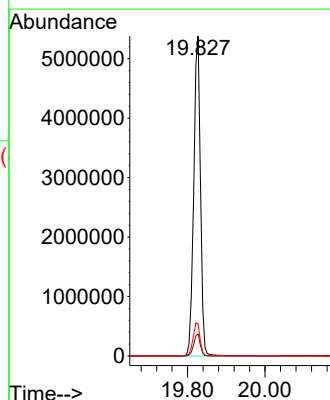
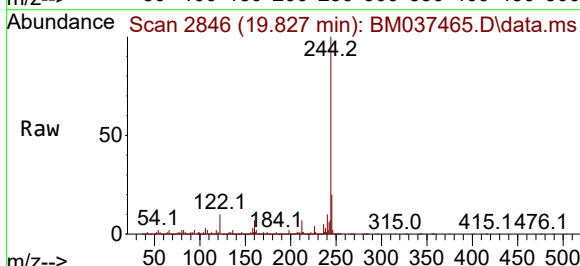
Tgt Ion:244 Resp: 6507522

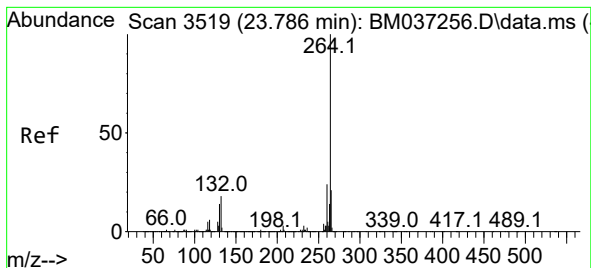
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.1 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM037465.D

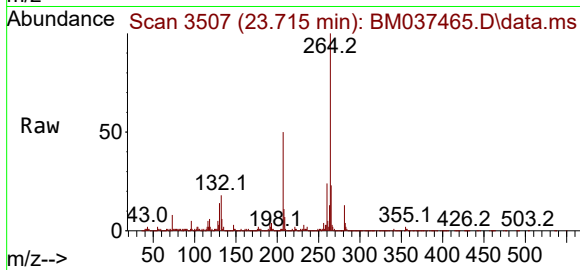
Acq: 11 Nov 2022 13:51

Instrument :

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Tgt Ion:264 Resp: 1052595

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 23.1 17.7 26.5

