

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044780.D
 Acq On : 27 Mar 2024 15:41
 Operator : MA/JU
 Sample : P1869-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

Quant Time: Mar 27 16:15:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

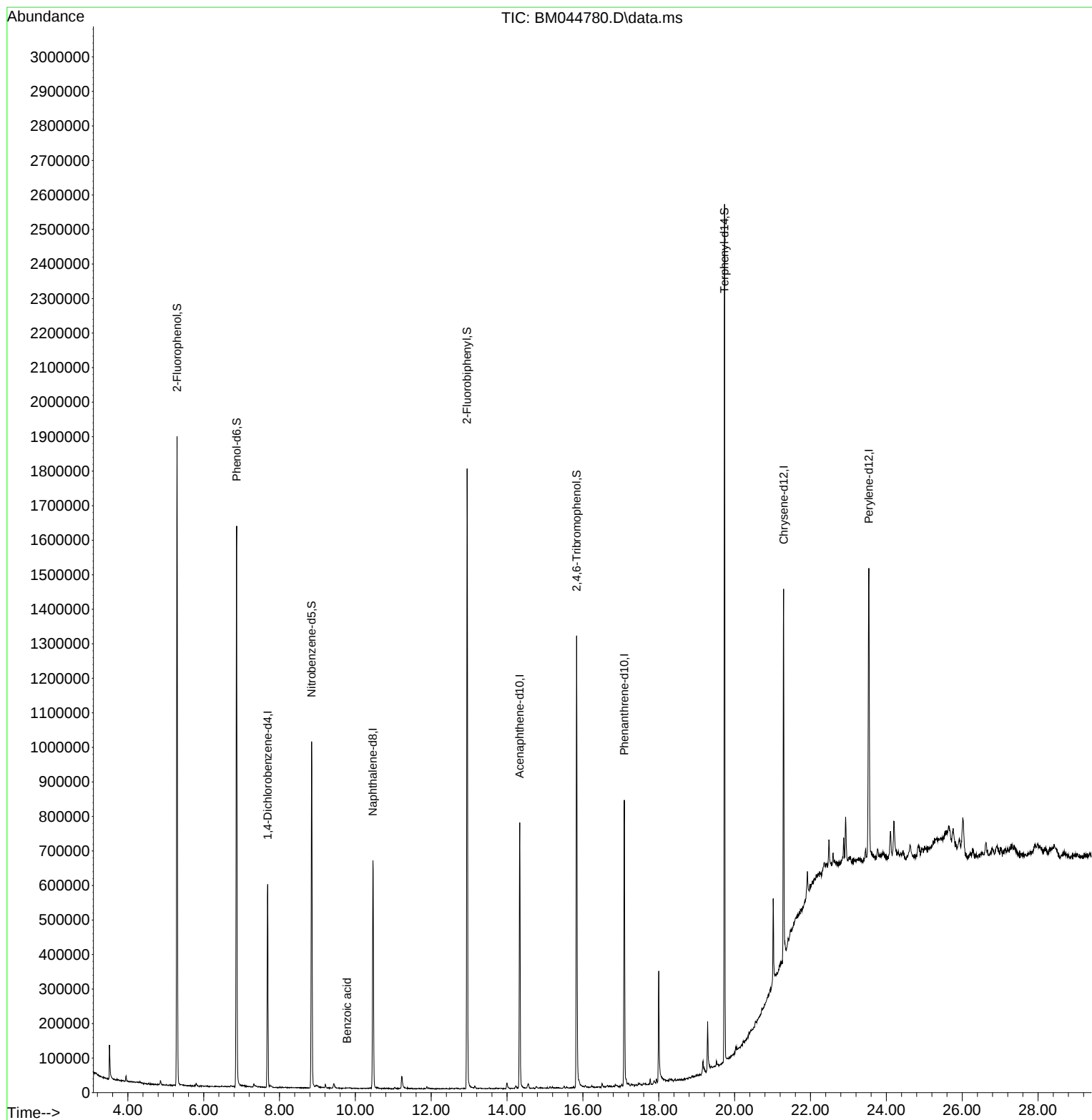
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	150561	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	540380	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	275504	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	506501	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	486983	20.000	ng	-0.01
86) Perylene-d12	23.538	264	588865	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	742440	70.801	ng	0.00
7) Phenol-d6	6.869	99	895873	66.406	ng	-0.01
23) Nitrobenzene-d5	8.845	82	559317	49.864	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	227237	74.781	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	932108	46.595	ng	-0.02
79) Terphenyl-d14	19.733	244	1116632	40.112	ng	-0.01
Target Compounds						
32) Benzoic acid	9.780	122	63	3.628	ng	Qvalue # 1

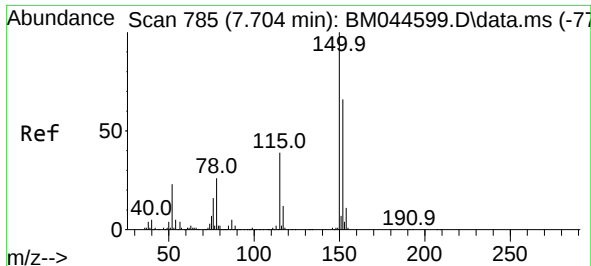
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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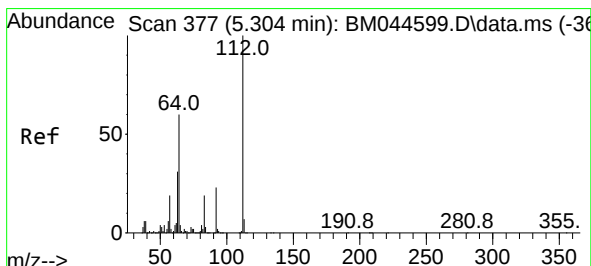
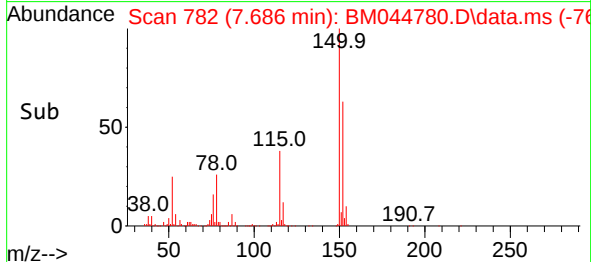
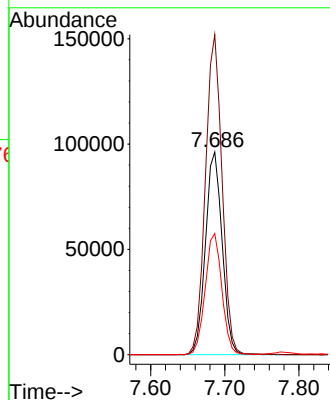
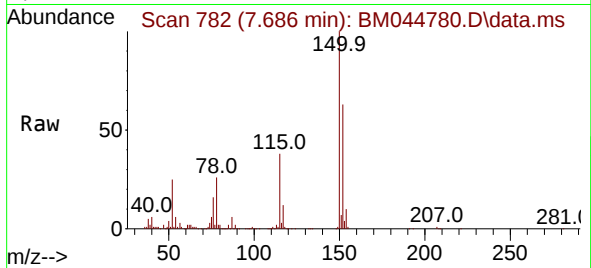




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

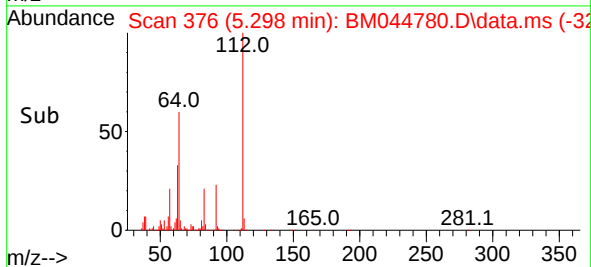
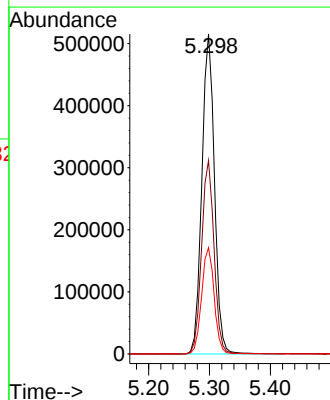
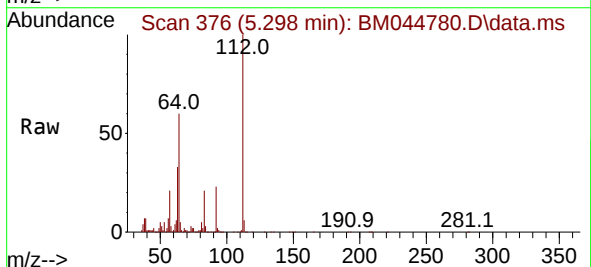
Instrument :
BNA_M
ClientSampleId :
SOIL-3

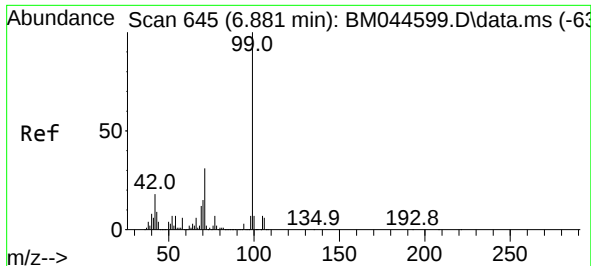
Tgt Ion:152 Resp: 150561
Ion Ratio Lower Upper
152 100
150 157.9 121.9 182.9
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 70.801 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

Tgt Ion:112 Resp: 742440
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 33.2 25.0 37.4

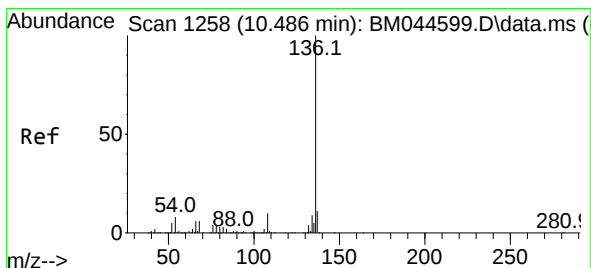
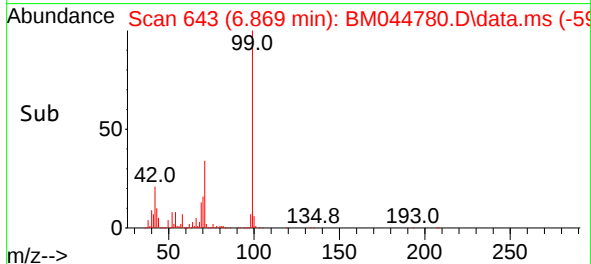
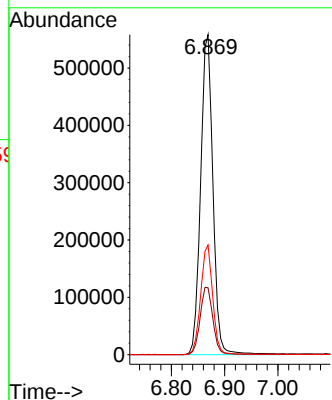
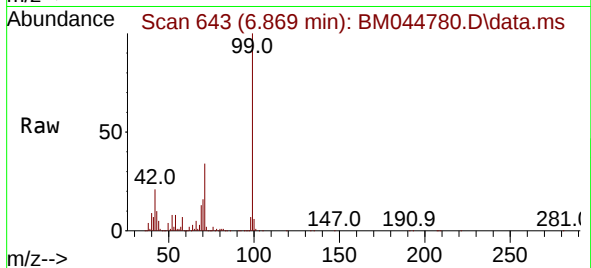




#7
Phenol-d6
Concen: 66.406 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

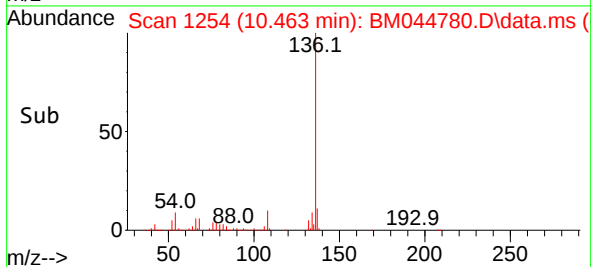
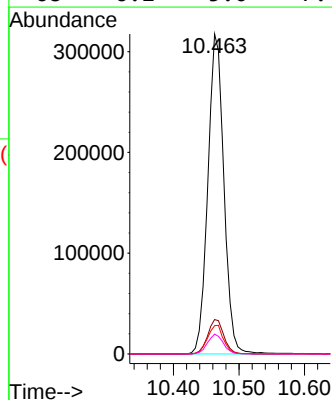
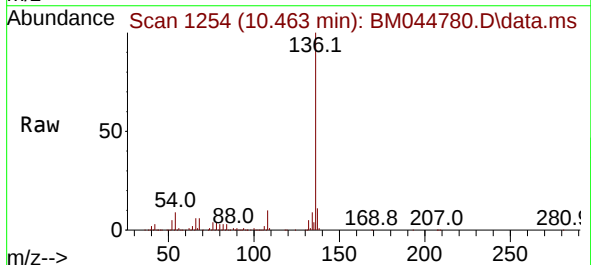
Instrument :
BNA_M
ClientSampleId :
SOIL-3

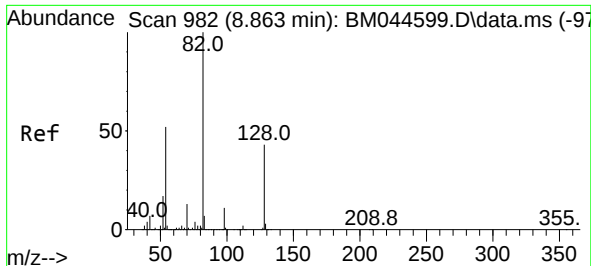
Tgt Ion: 99 Resp: 895873
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 34.2 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

Tgt Ion: 136 Resp: 540380
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.8 6.6 10.0
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 49.864 ng

RT: 8.845 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM044780.D

Acq: 27 Mar 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SOIL-3

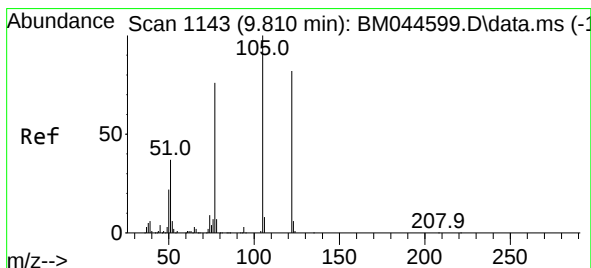
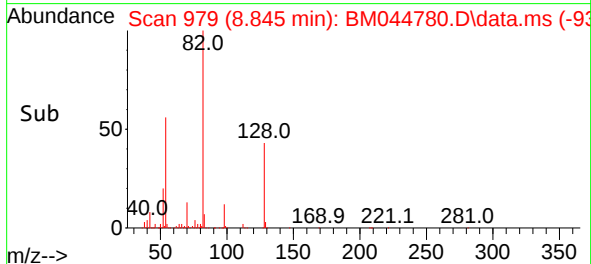
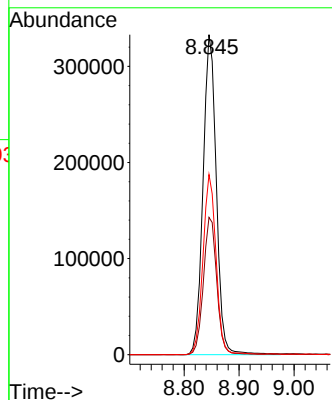
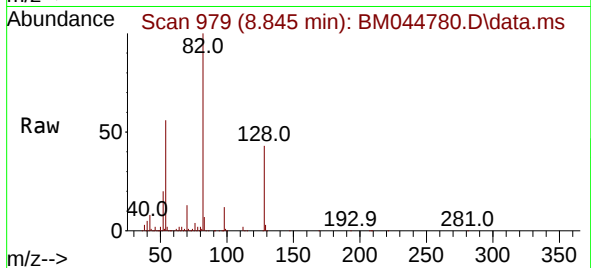
Tgt Ion: 82 Resp: 559317

Ion Ratio Lower Upper

82 100

128 42.9 34.2 51.4

54 56.3 41.3 61.9



#32

Benzoic acid

Concen: 3.628 ng

RT: 9.780 min Scan# 1138

Delta R.T. -0.030 min

Lab File: BM044780.D

Acq: 27 Mar 2024 15:41

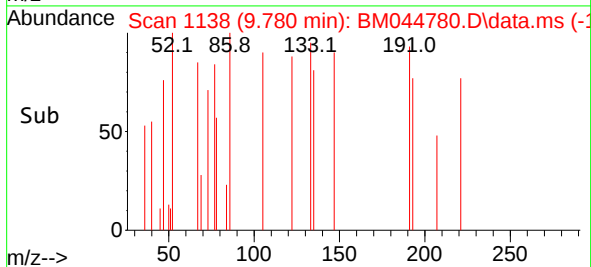
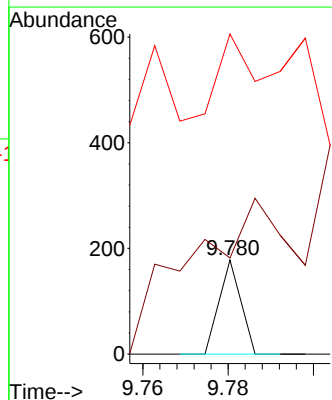
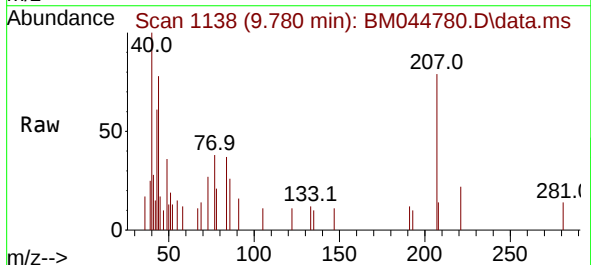
Tgt Ion: 122 Resp: 63

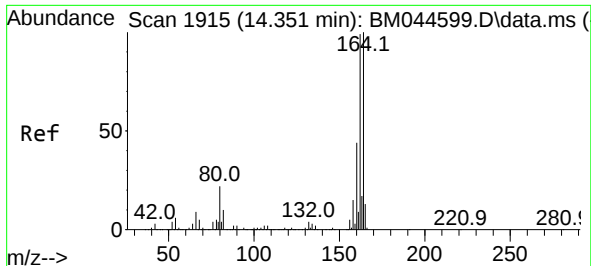
Ion Ratio Lower Upper

122 100

105 102.2 100.0 140.0

77 340.4 72.5 112.5#

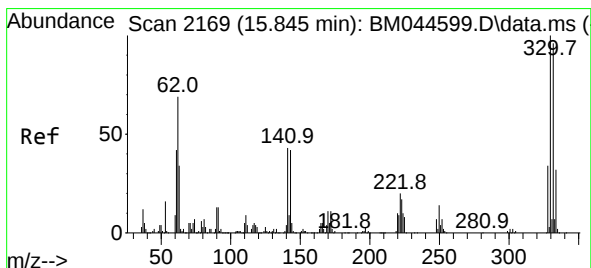
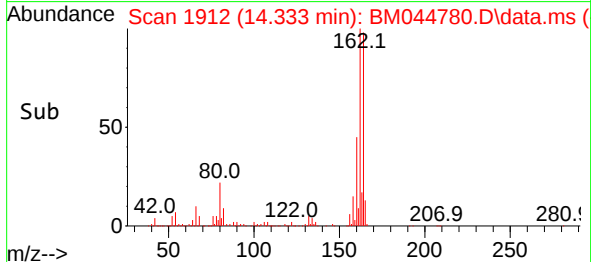
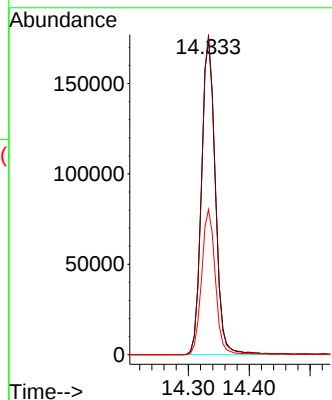
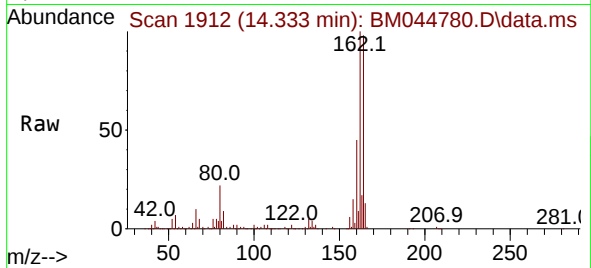




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

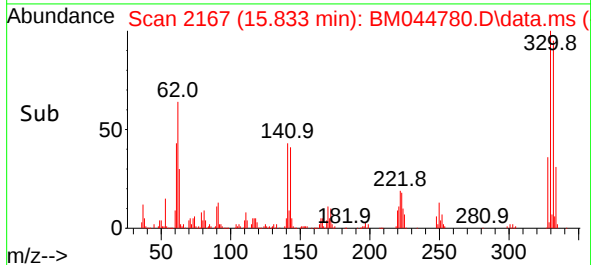
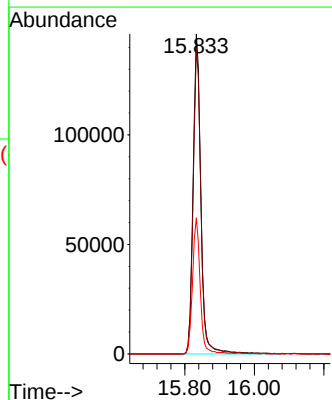
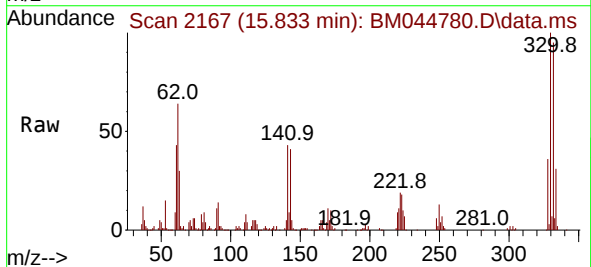
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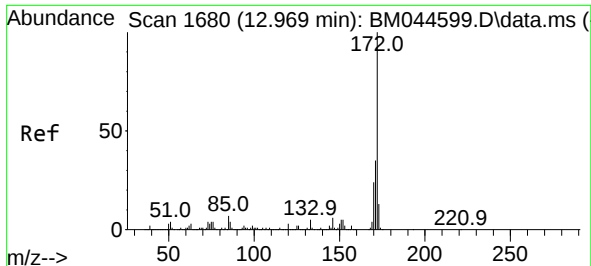
Tgt Ion:164 Resp: 275504
Ion Ratio Lower Upper
164 100
162 101.7 79.3 118.9
160 46.2 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 74.781 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

Tgt Ion:330 Resp: 227237
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 41.9 33.4 50.0

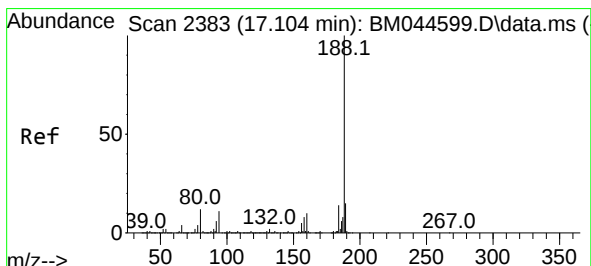
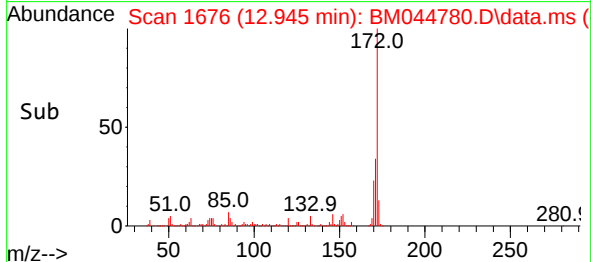
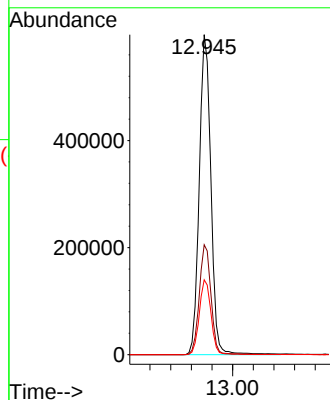
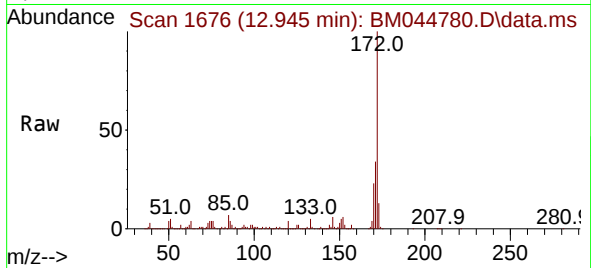




#45
2-Fluorobiphenyl
Concen: 46.595 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

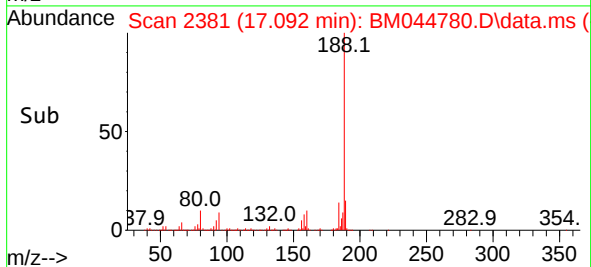
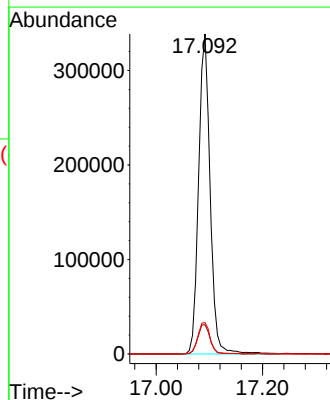
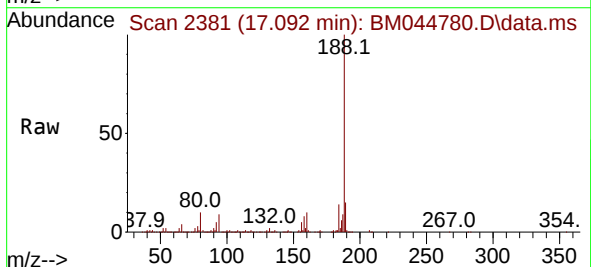
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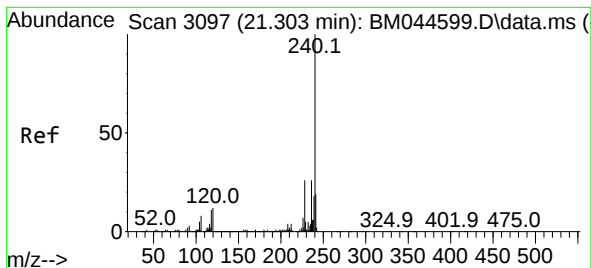
Tgt Ion:172 Resp: 932108
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.4 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BM044780.D
Acq: 27 Mar 2024 15:41

Tgt Ion:188 Resp: 506501
Ion Ratio Lower Upper
188 100
94 9.2 8.4 12.6
80 9.8 9.4 14.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.291 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM044780.D

Acq: 27 Mar 2024 15:41

Instrument :

BNA_M

ClientSampleId :

SOIL-3

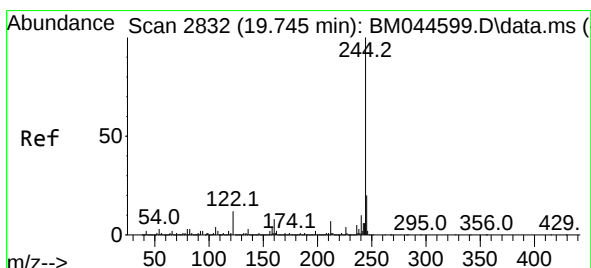
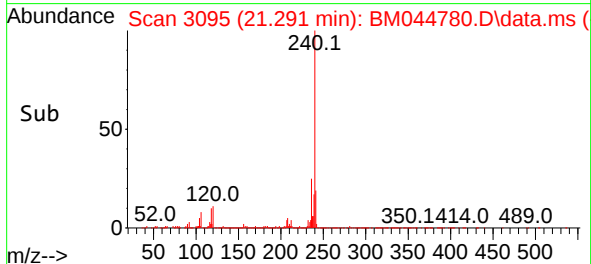
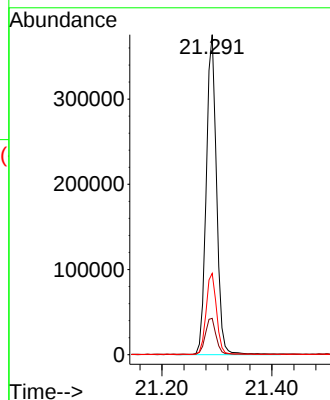
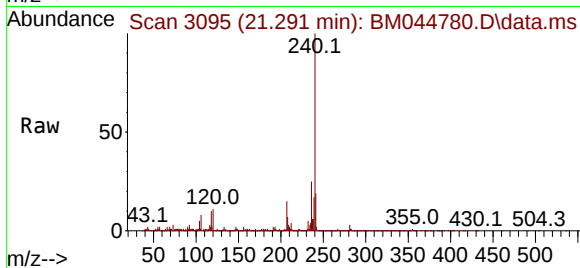
Tgt Ion:240 Resp: 486983

Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 25.4 21.0 31.4



#79

Terphenyl-d14

Concen: 40.112 ng

RT: 19.733 min Scan# 2830

Delta R.T. -0.012 min

Lab File: BM044780.D

Acq: 27 Mar 2024 15:41

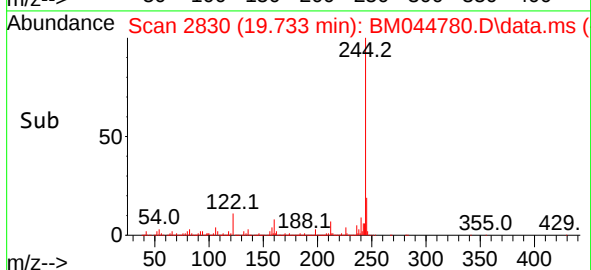
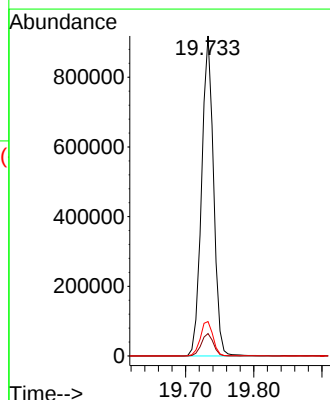
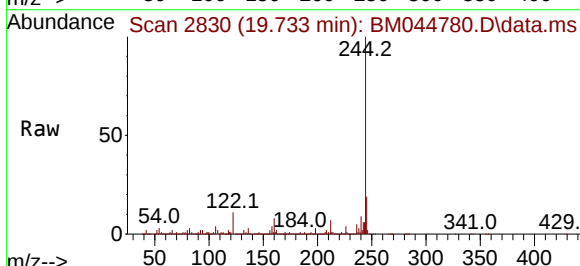
Tgt Ion:244 Resp: 1116632

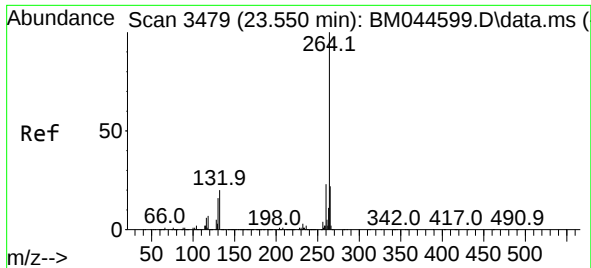
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.8 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.538 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BM044780.D
 Acq: 27 Mar 2024 15:41

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Tgt Ion:264 Resp: 588865
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 22.5 17.5 26.3

