

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044789.D
 Acq On : 27 Mar 2024 21:09
 Operator : MA/JU
 Sample : P1869-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

Quant Time: Mar 28 01:01:53 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	7.681	152	161347	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	585990	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	295053	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	502528	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	446365	20.000	ng	-0.02
86) Perylene-d12	23.532	264	519371	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1479856	131.688	ng	0.00
7) Phenol-d6	6.863	99	1599510	110.637	ng	-0.02
23) Nitrobenzene-d5	8.845	82	1219160	100.230	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	449115	138.006	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2143863	100.069	ng	-0.02
79) Terphenyl-d14	19.733	244	2293613	89.889	ng	-0.01

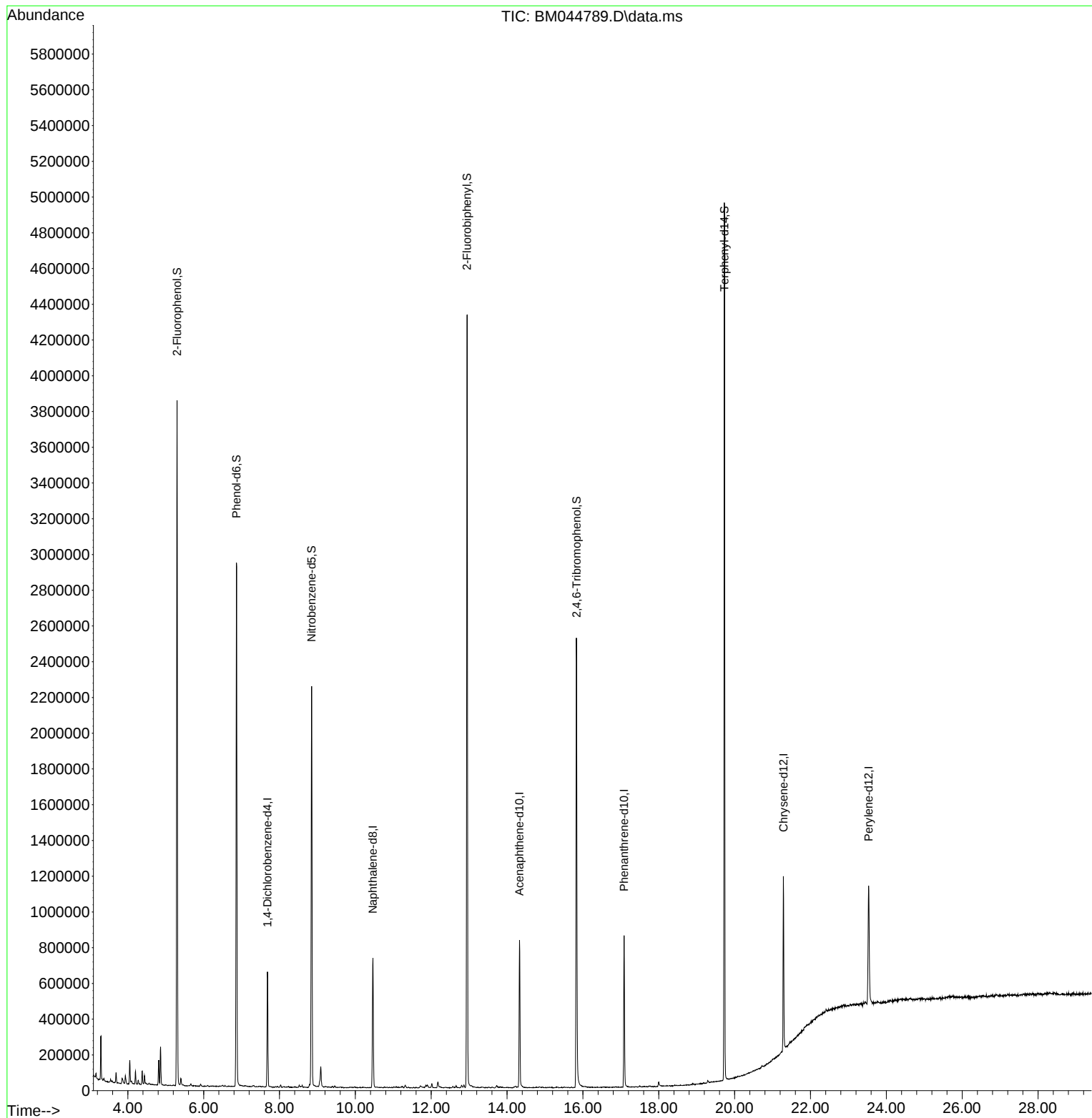
Target Compounds	Qvalue

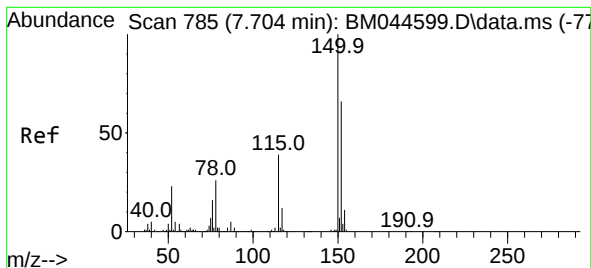
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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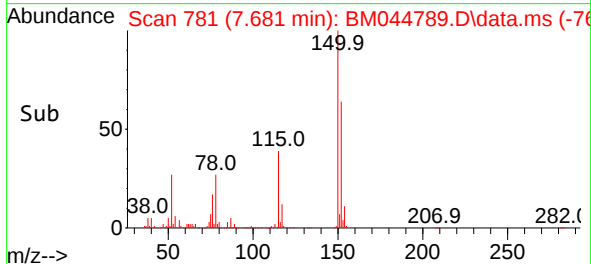
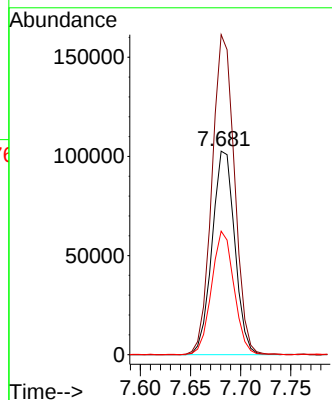
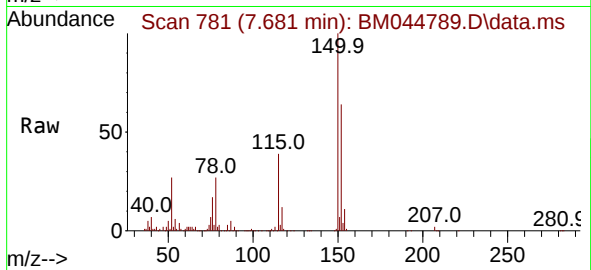




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

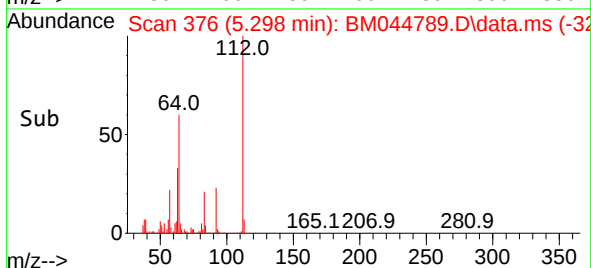
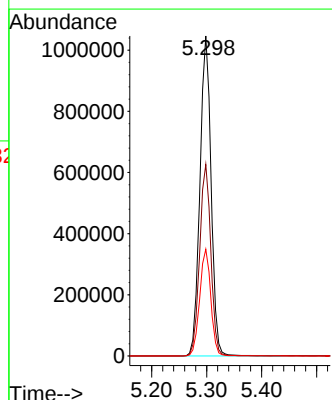
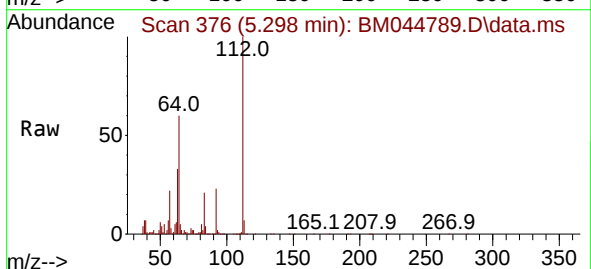
Instrument :
BNA_M
ClientSampleId :
SOIL-3

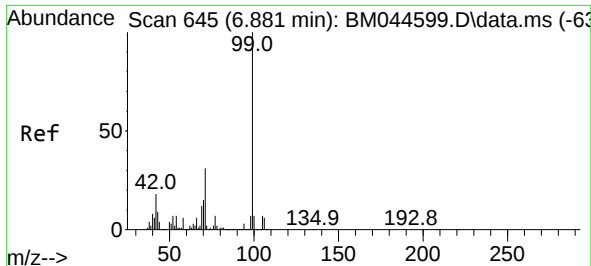
Tgt Ion:152 Resp: 161347
Ion Ratio Lower Upper
152 100
150 157.2 121.9 182.9
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 131.688 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

Tgt Ion:112 Resp: 1479856
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 33.3 25.0 37.4

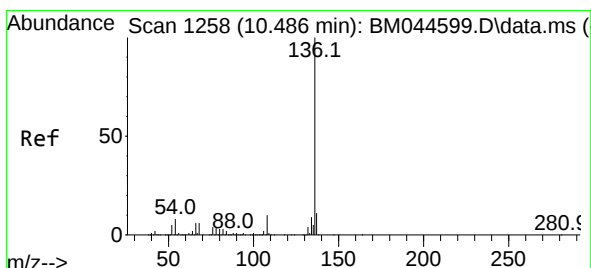
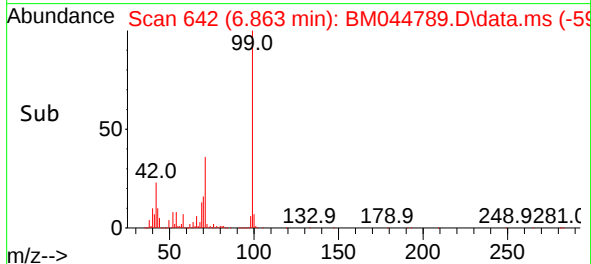
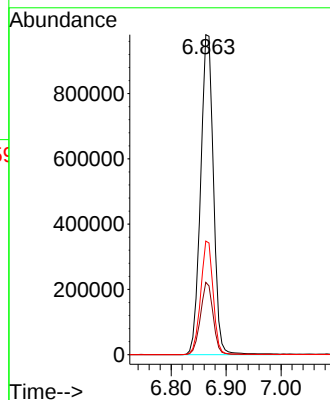
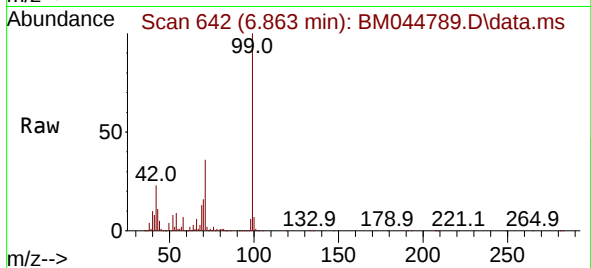




#7
Phenol-d6
Concen: 110.637 ng
RT: 6.863 min Scan# 645
Delta R.T. -0.018 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

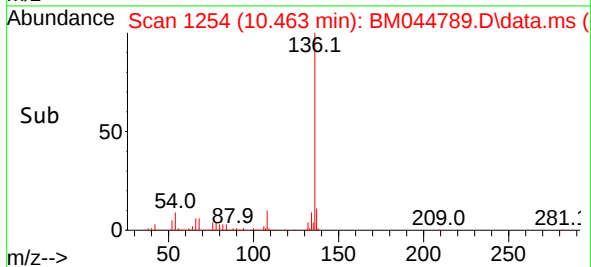
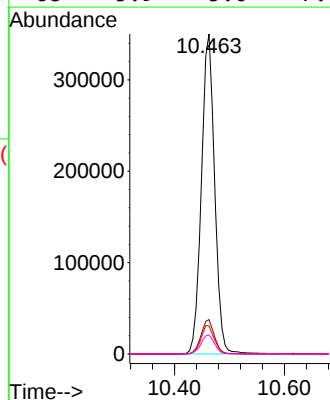
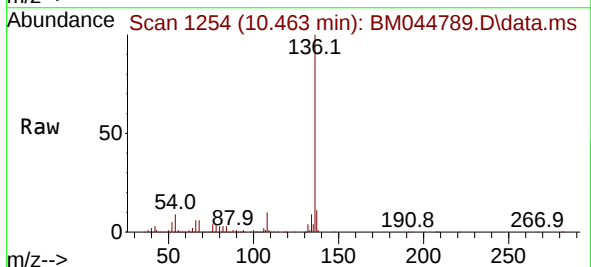
Instrument :
BNA_M
ClientSampleId :
SOIL-3

Tgt Ion: 99 Resp: 1599510
Ion Ratio Lower Upper
99 100
42 22.6 14.3 21.5#
71 35.5 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: BM044789.D
Acq: 27 Mar 2024 21:09

Tgt Ion: 136 Resp: 585990
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.8 6.6 10.0
68 5.9 5.0 7.4

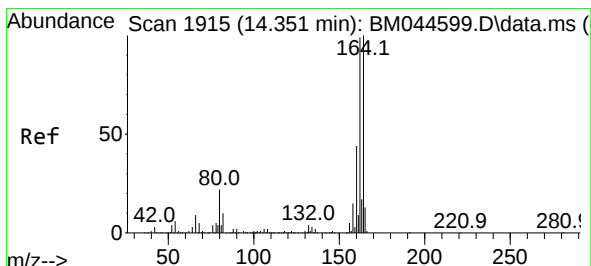
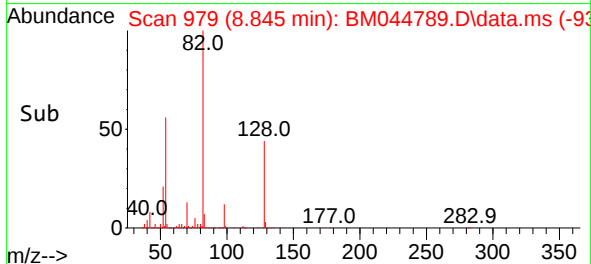
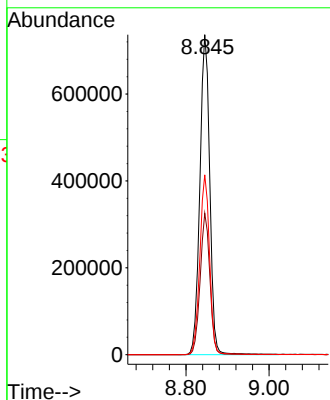
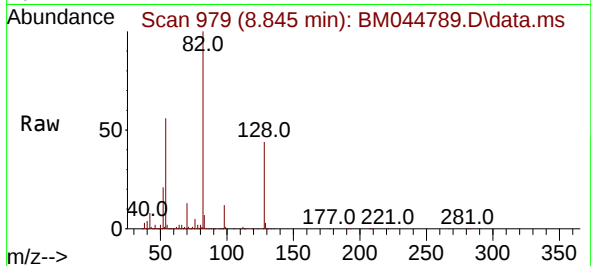




#23
Nitrobenzene-d5
Concen: 100.230 ng
RT: 8.845 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

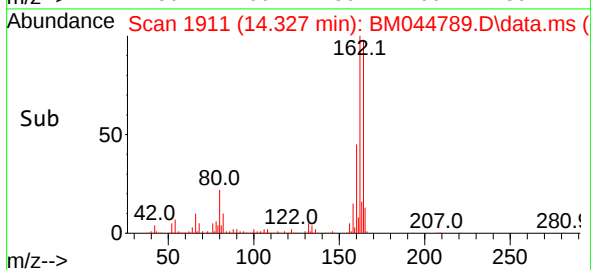
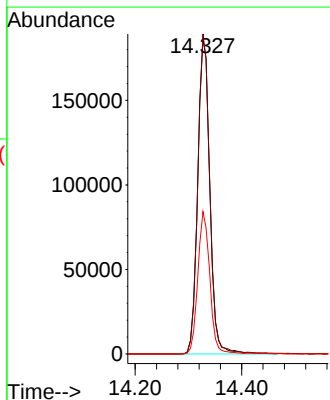
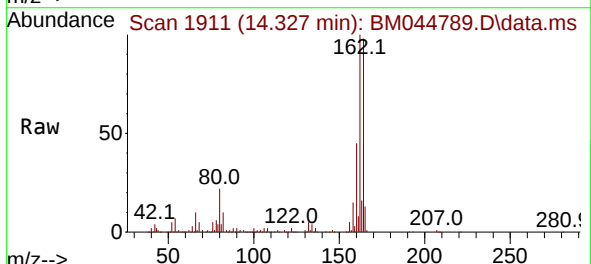
Instrument :
BNA_M
ClientSampleId :
SOIL-3

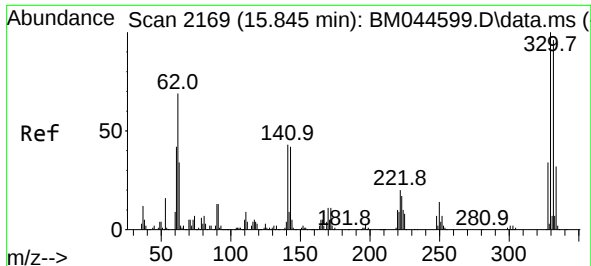
Tgt Ion: 82 Resp: 1219160
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 56.2 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.024 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

Tgt Ion: 164 Resp: 295053
Ion Ratio Lower Upper
164 100
162 101.5 79.3 118.9
160 45.2 35.2 52.8

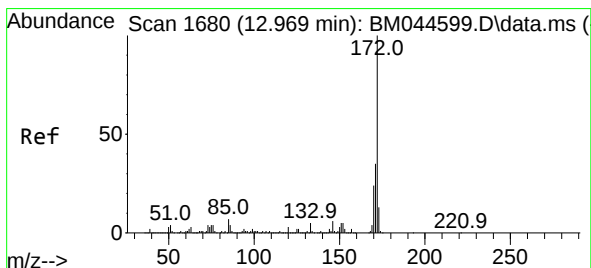
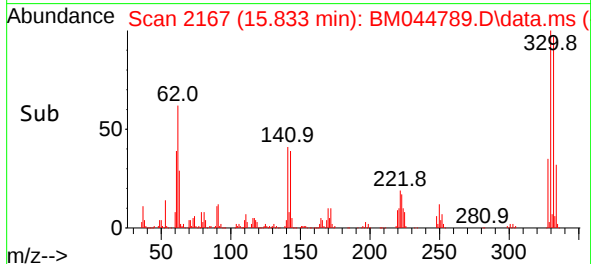
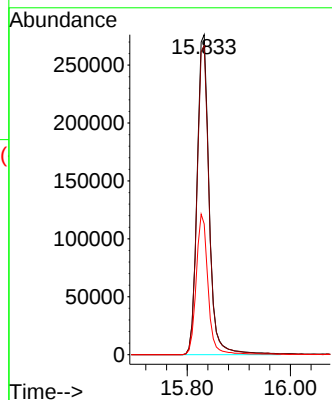
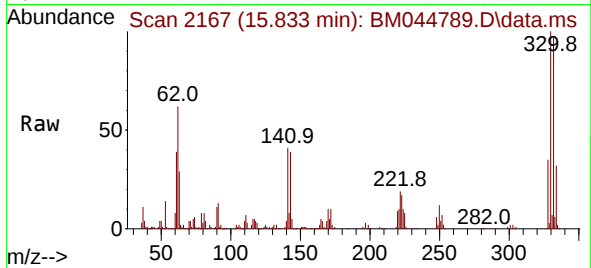




#42
2,4,6-Tribromophenol
Concen: 138.006 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

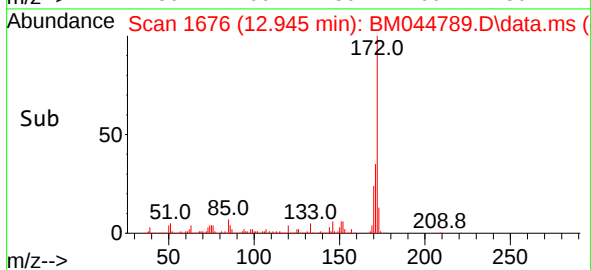
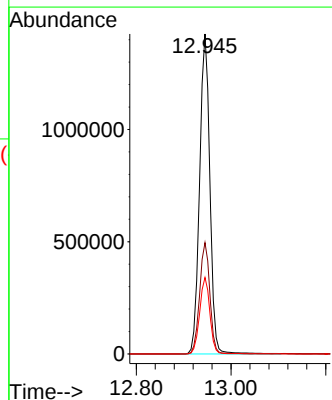
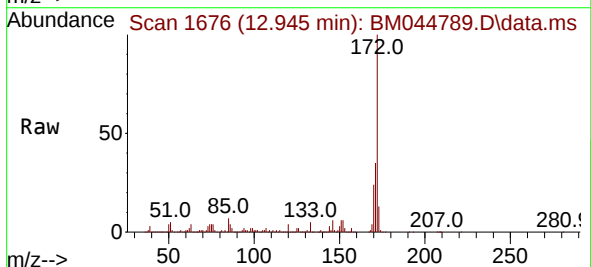
Instrument :
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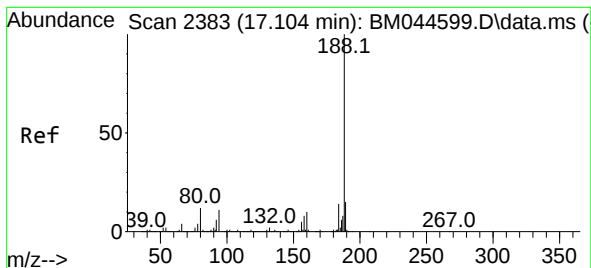
Tgt Ion:330 Resp: 449115
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 43.0 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 100.069 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.024 min
Lab File: BM044789.D
Acq: 27 Mar 2024 21:09

Tgt Ion:172 Resp: 2143863
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044789.D

Acq: 27 Mar 2024 21:09

Instrument :

BNA_M

ClientSampleId :

SOIL-3

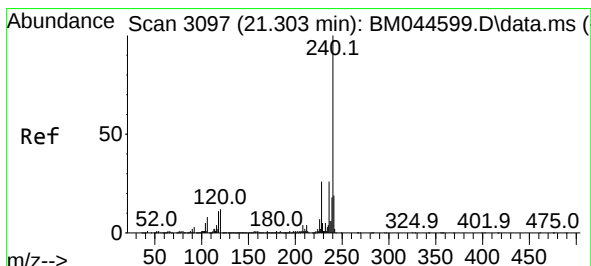
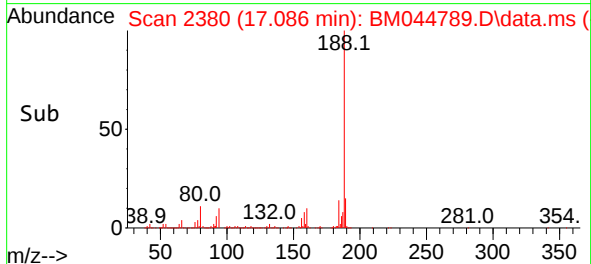
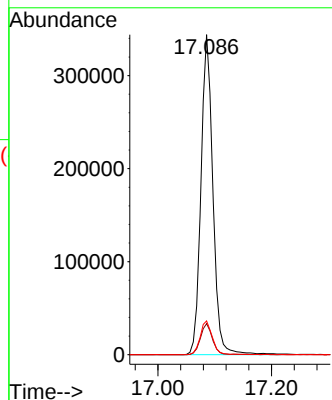
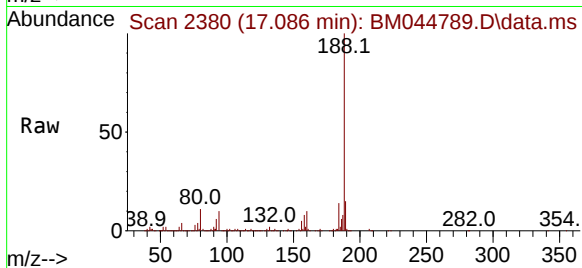
Tgt Ion:188 Resp: 502528

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

80 10.6 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.018 min

Lab File: BM044789.D

Acq: 27 Mar 2024 21:09

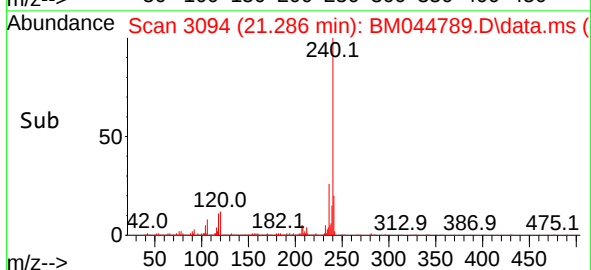
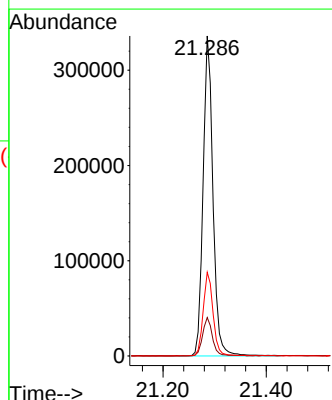
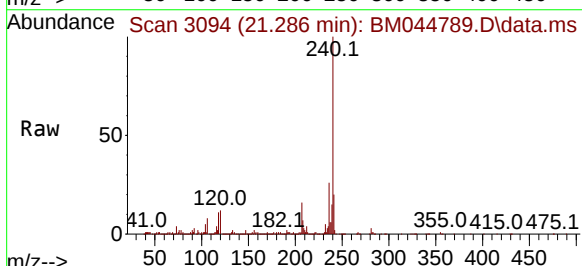
Tgt Ion:240 Resp: 446365

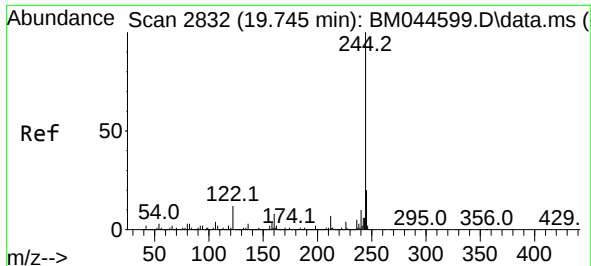
Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 26.1 21.0 31.4

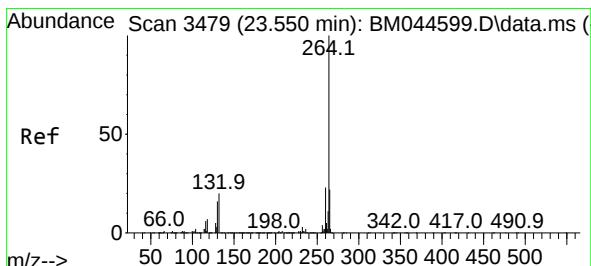
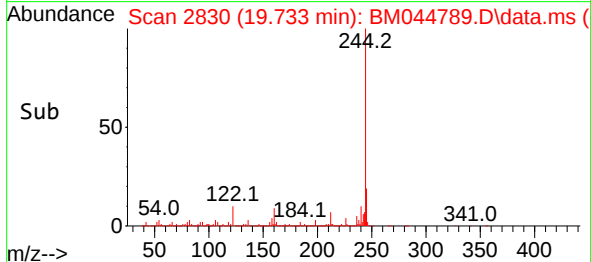
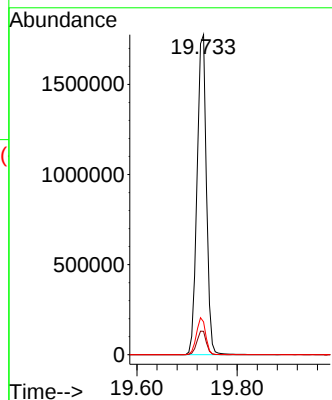
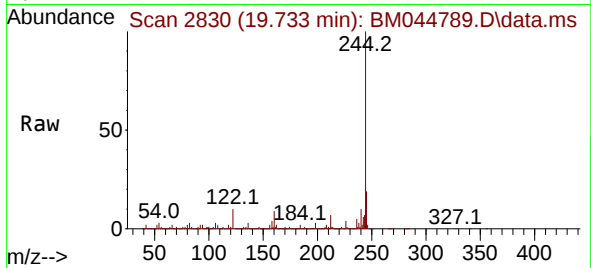




#79
 Terphenyl-d14
 Concen: 89.889 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044789.D
 Acq: 27 Mar 2024 21:09

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

Tgt Ion:244 Resp: 2293613
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.3 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.532 min Scan# 3476
 Delta R.T. -0.018 min
 Lab File: BM044789.D
 Acq: 27 Mar 2024 21:09

Tgt Ion:264 Resp: 519371
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 22.3 17.5 26.3

