

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047338.D
 Acq On : 23 Aug 2024 18:07
 Operator : RC/JU
 Sample : P3704-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LNG-Soil Pile

Quant Time: Aug 24 00:41:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

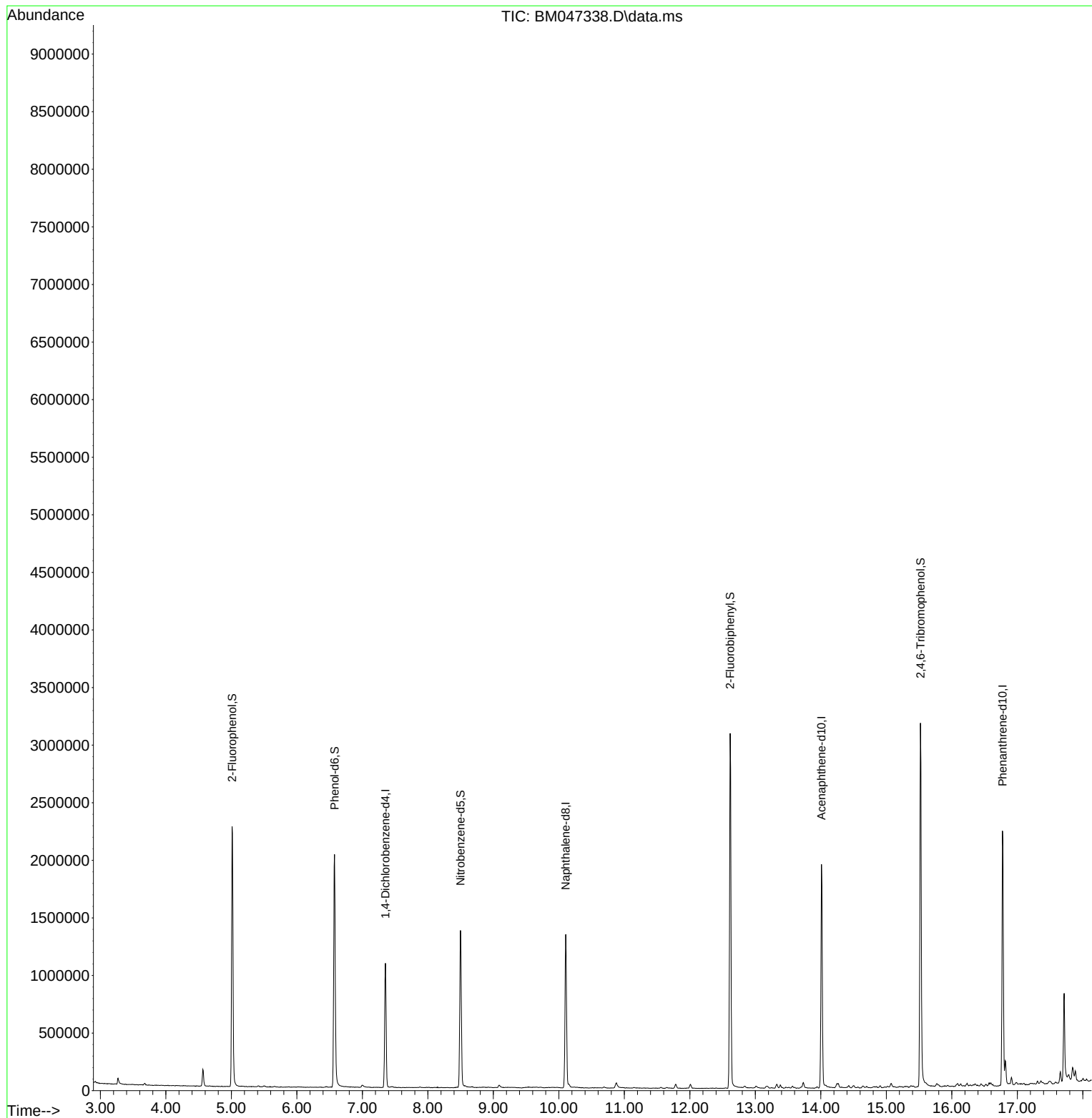
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	301322	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1096098	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	698971	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1391374	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	944443	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1003451	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1030349	61.100	ng	-0.01
7) Phenol-d6	6.575	99	1270919	54.695	ng	-0.01
23) Nitrobenzene-d5	8.498	82	819516	37.647	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	637612	78.672	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	1704321	37.612	ng	-0.03
79) Terphenyl-d14	19.445	244	3766999	85.466	ng	-0.02
Target Compounds						
78) Pyrene	19.221	202	178749	2.651	ng	Qvalue 98

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

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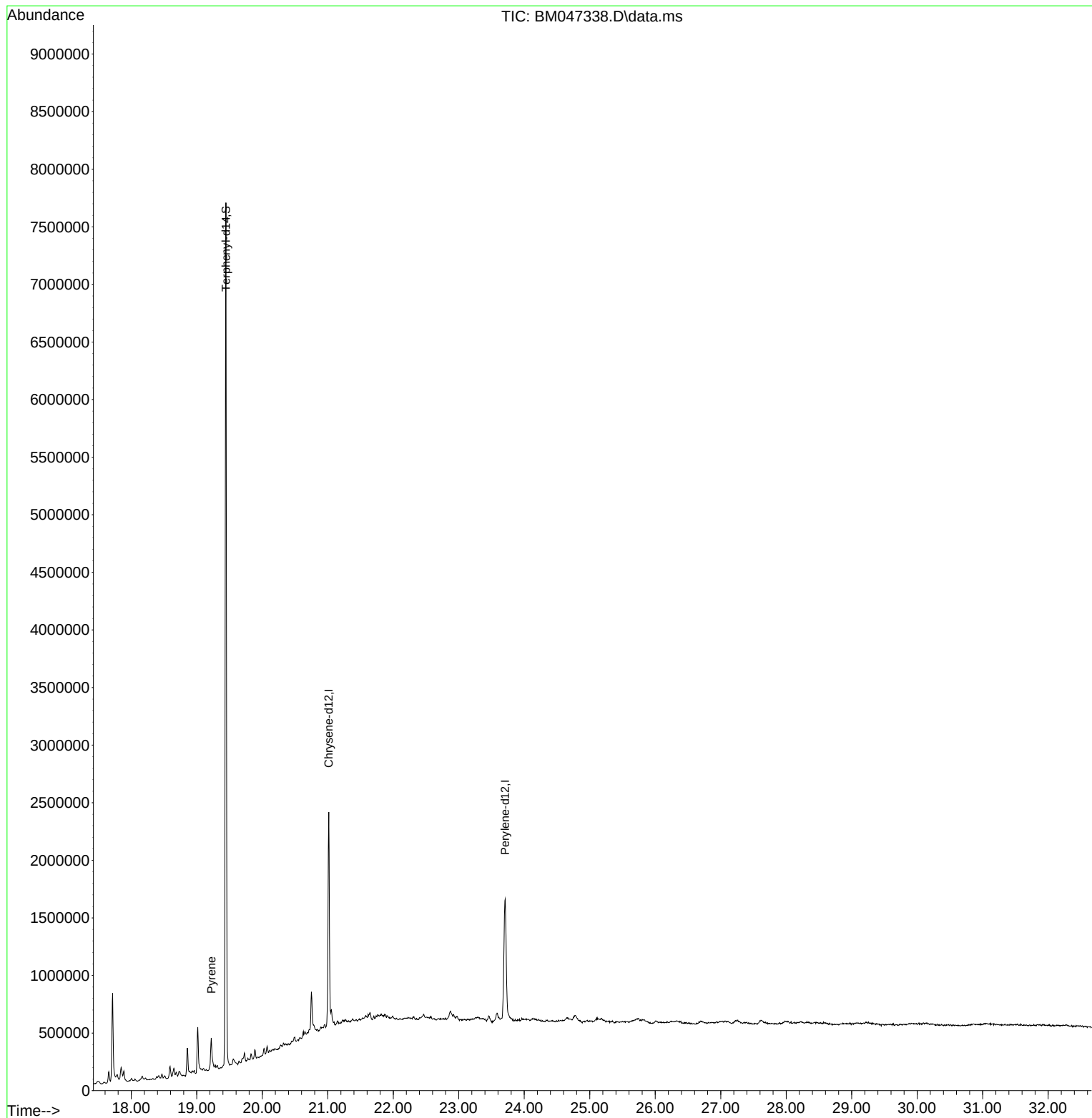
Quant Time: Aug 24 00:41:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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QLast Update : Sun Aug 11 23:47:58 2024
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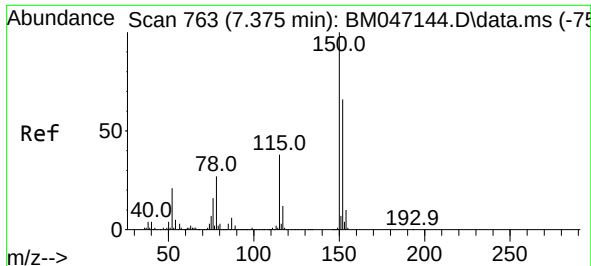


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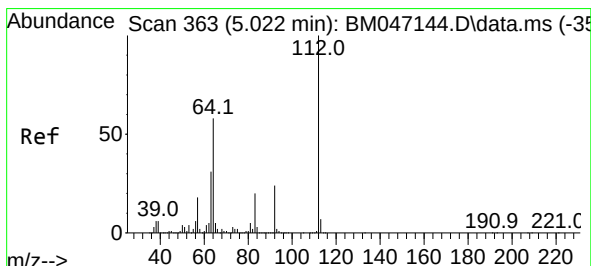
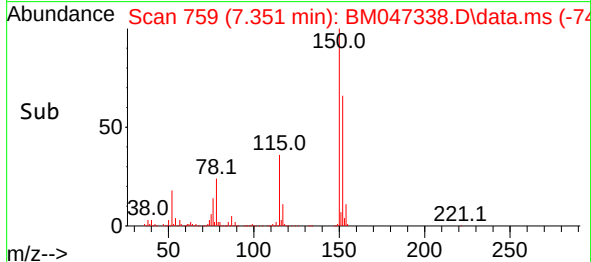
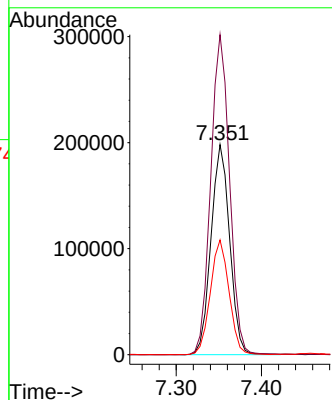
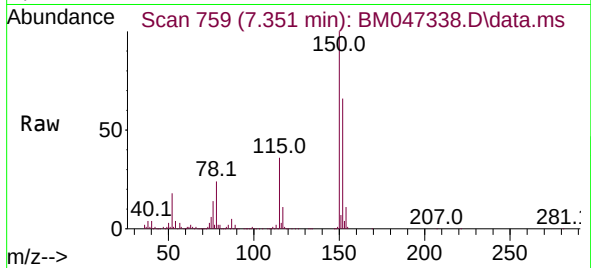




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

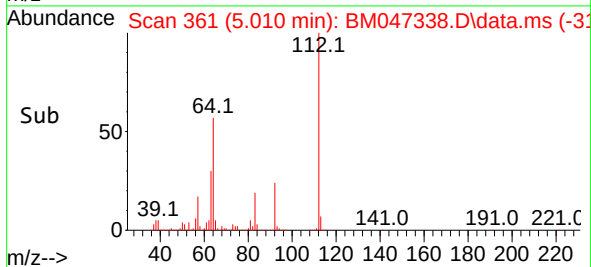
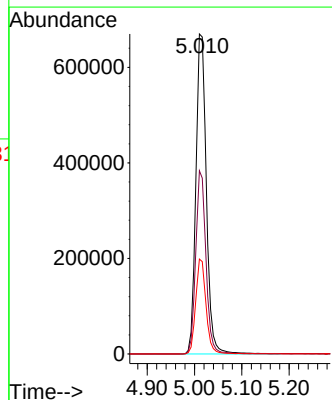
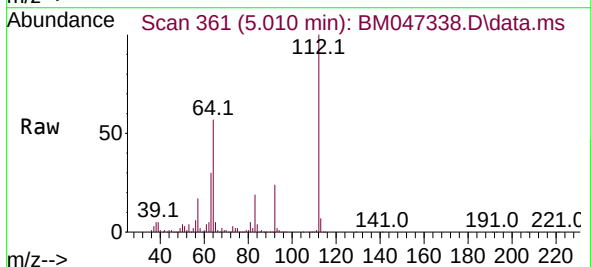
Instrument :
BNA_M
ClientSampleId :
LNG-Soil Pile

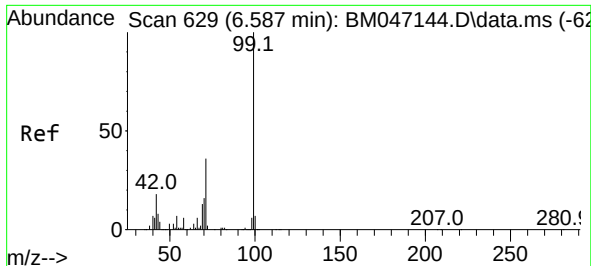
Tgt Ion:152 Resp: 301322
Ion Ratio Lower Upper
152 100
150 152.3 120.5 180.7
115 54.6 45.5 68.3



#5
2-Fluorophenol
Concen: 61.100 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

Tgt Ion:112 Resp: 1030349
Ion Ratio Lower Upper
112 100
64 57.3 46.7 70.1
63 29.6 24.8 37.2

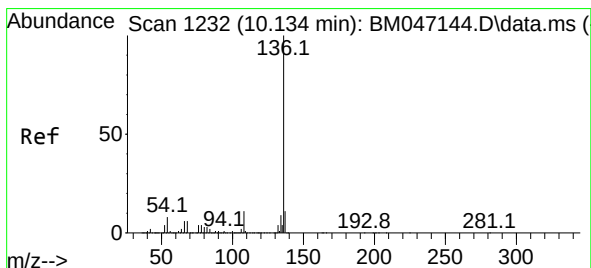
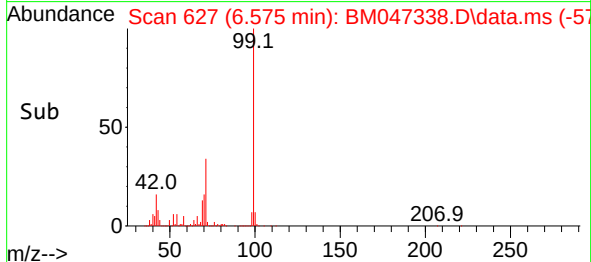
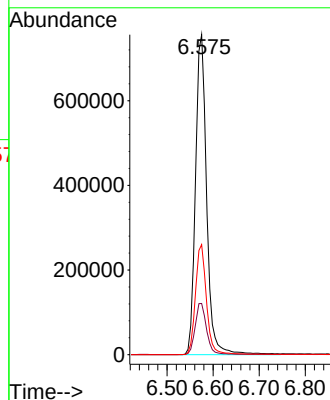
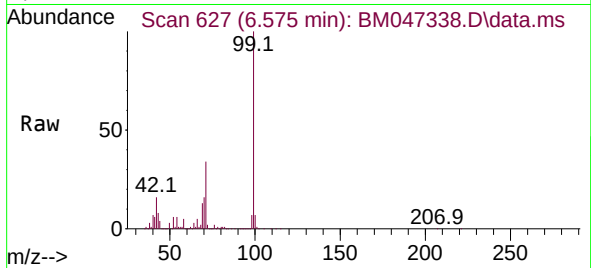




#7
Phenol-d6
Concen: 54.695 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

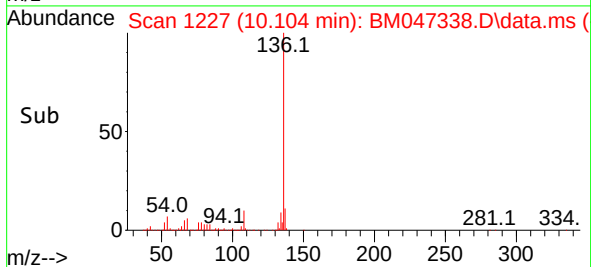
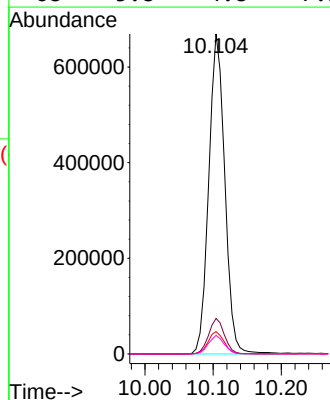
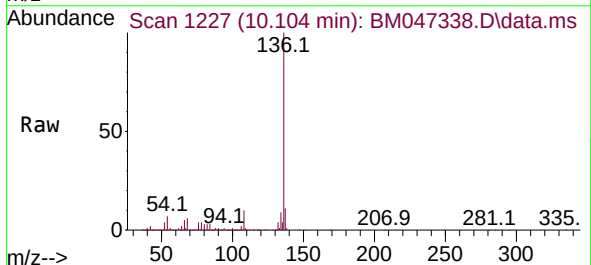
Instrument :
BNA_M
ClientSampleId :
LNG-Soil Pile

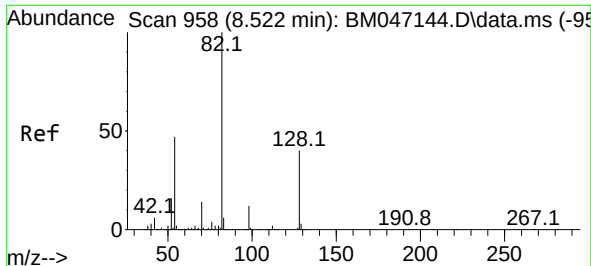
Tgt Ion: 99 Resp: 1270919
Ion Ratio Lower Upper
99 100
42 16.0 14.1 21.1
71 34.4 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

Tgt Ion: 136 Resp: 1096098
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 6.0 9.0
68 5.8 4.8 7.2

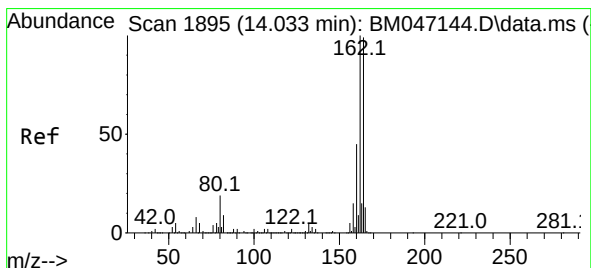
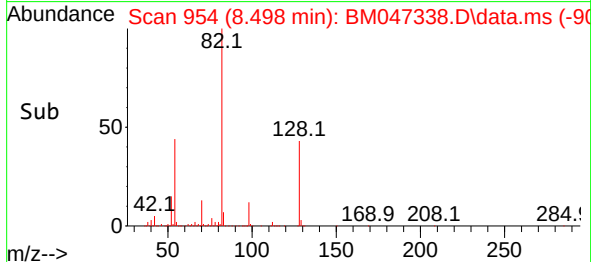
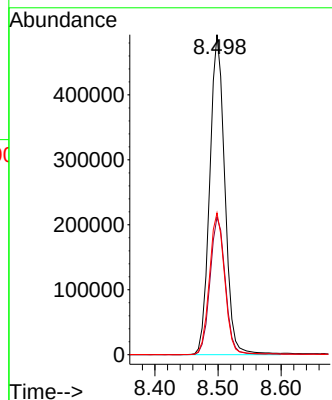
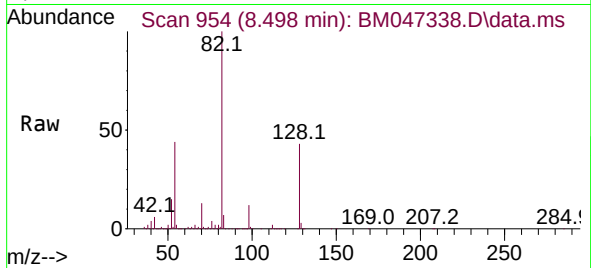




#23
Nitrobenzene-d5
Concen: 37.647 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

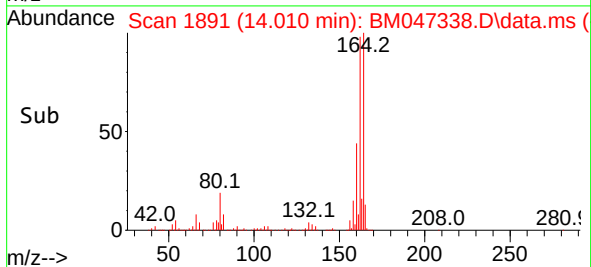
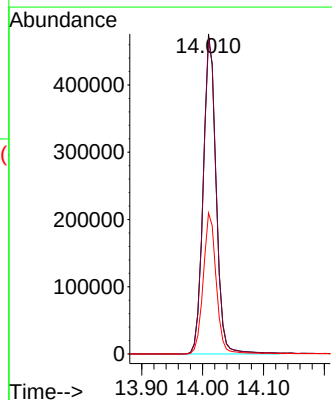
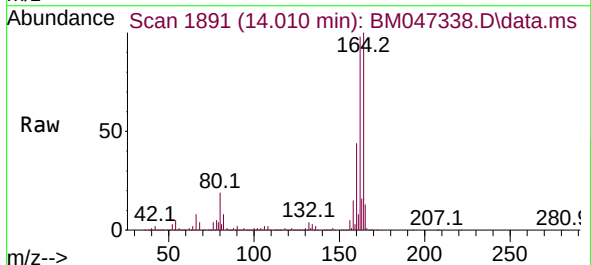
Instrument :
BNA_M
ClientSampleId :
LNG-Soil Pile

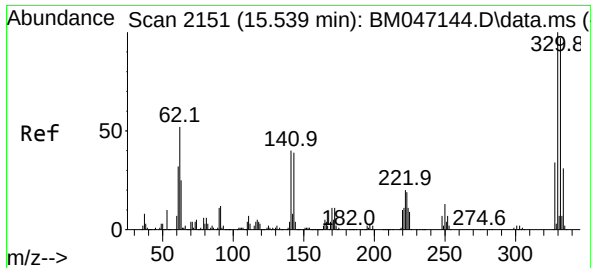
Tgt Ion: 82 Resp: 819516
Ion Ratio Lower Upper
82 100
128 43.0 32.3 48.5
54 44.3 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

Tgt Ion: 164 Resp: 698971
Ion Ratio Lower Upper
164 100
162 98.0 80.7 121.1
160 44.0 36.0 54.0

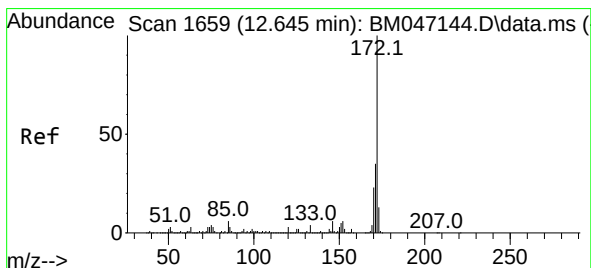
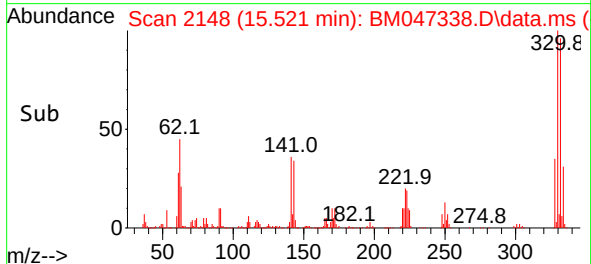
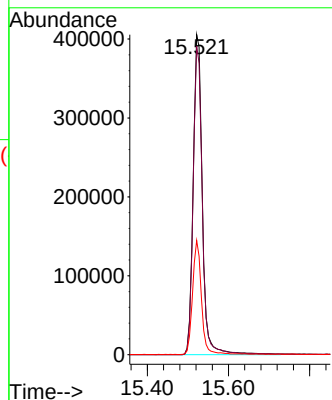
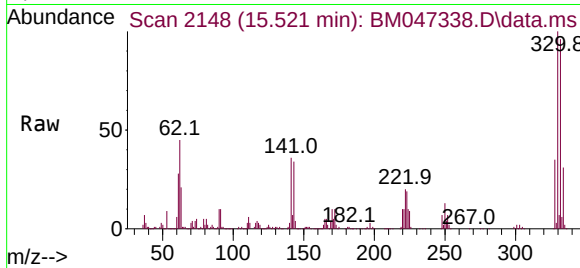




#42
2,4,6-Tribromophenol
Concen: 78.672 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

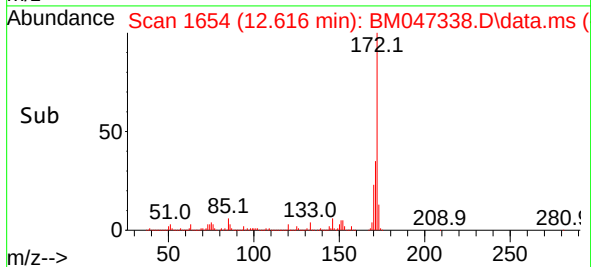
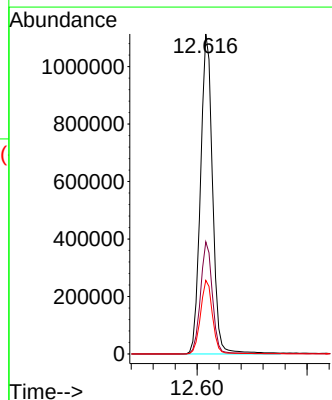
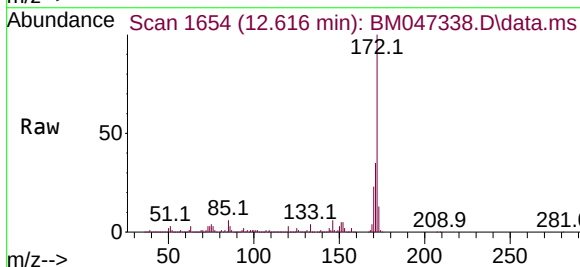
Instrument :
BNA_M
ClientSampleId :
LNG-Soil Pile

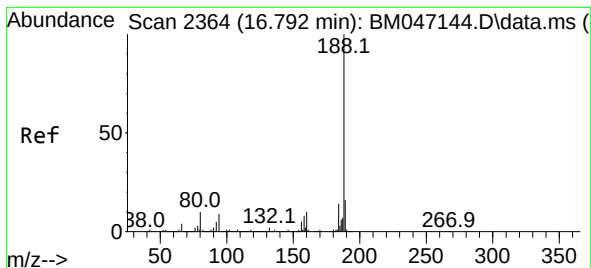
Tgt Ion:330 Resp: 637612
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.5 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 37.612 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

Tgt Ion:172 Resp: 1704321
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047338.D

Acq: 23 Aug 2024 18:07

Instrument :

BNA_M

ClientSampleId :

LNG-Soil Pile

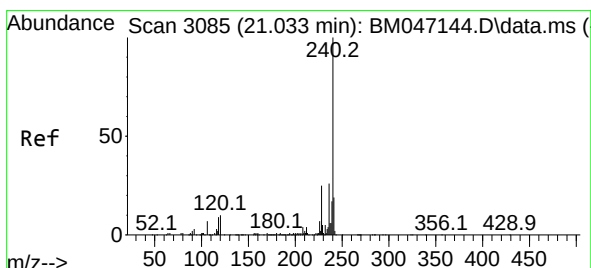
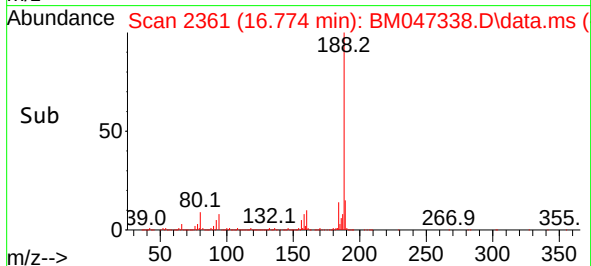
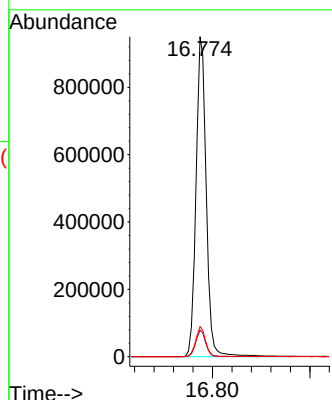
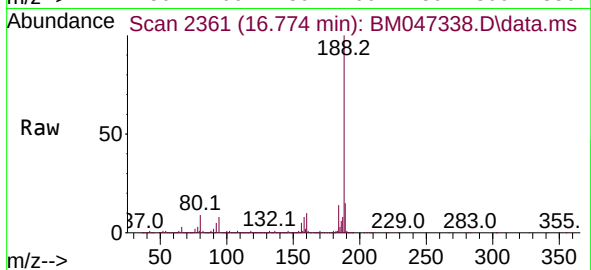
Tgt Ion:188 Resp: 1391374

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.4 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM047338.D

Acq: 23 Aug 2024 18:07

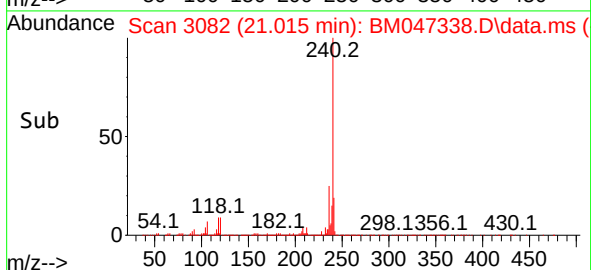
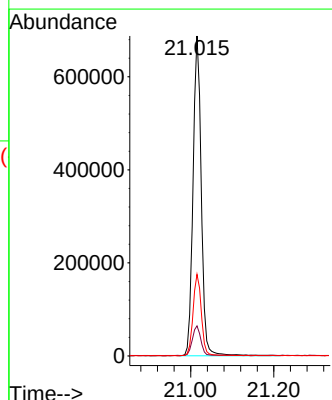
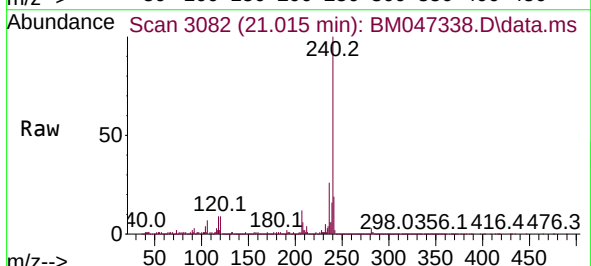
Tgt Ion:240 Resp: 944443

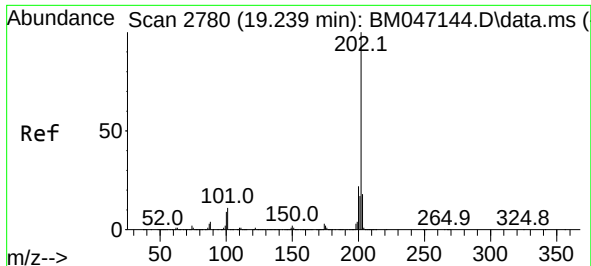
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 25.5 20.6 30.8

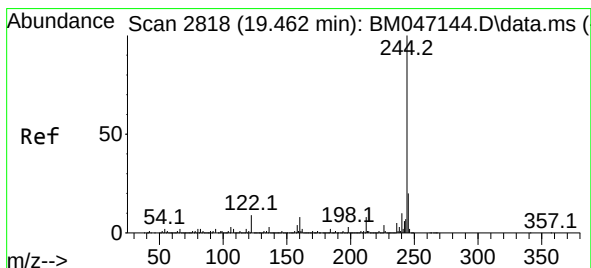
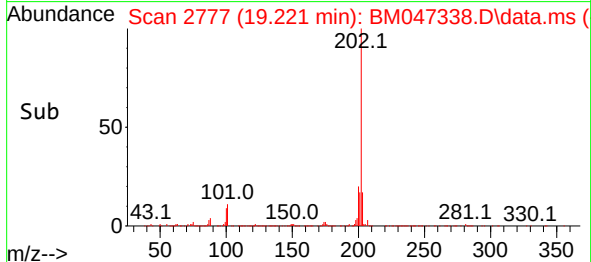
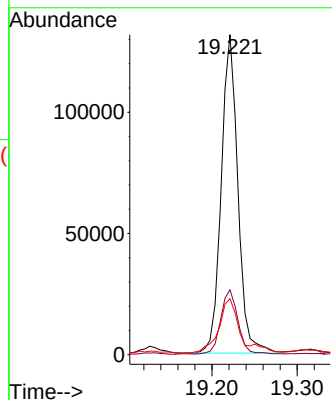
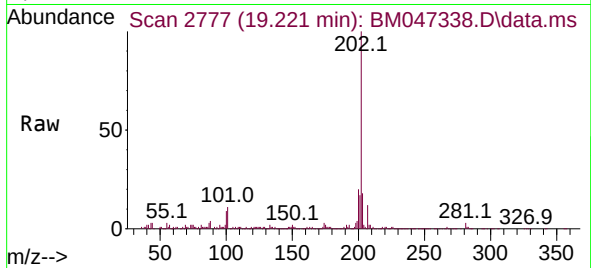




#78
 Pyrene
 Concen: 2.651 ng
 RT: 19.221 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047338.D
 Acq: 23 Aug 2024 18:07

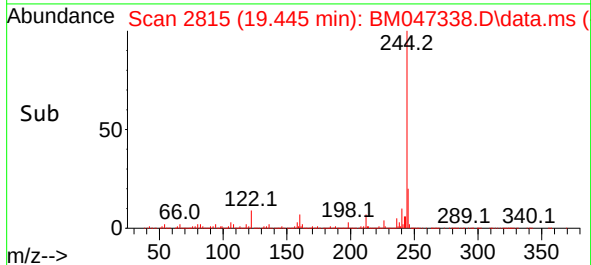
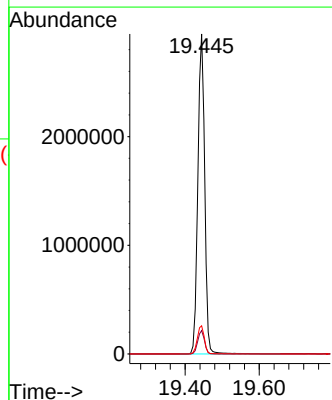
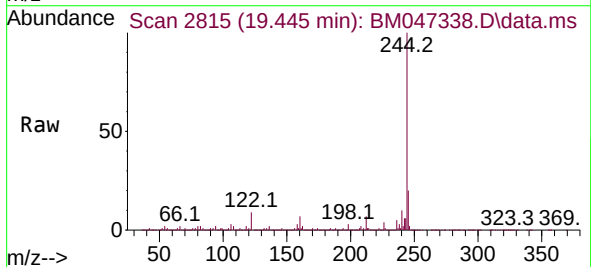
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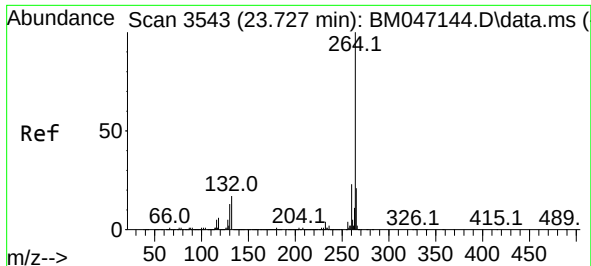
Tgt Ion:202 Resp: 178749
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.2 25.8
 203 17.5 14.2 21.2



#79
 Terphenyl-d14
 Concen: 85.466 ng
 RT: 19.445 min Scan# 2815
 Delta R.T. -0.018 min
 Lab File: BM047338.D
 Acq: 23 Aug 2024 18:07

Tgt Ion:244 Resp: 3766999
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.8 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047338.D
Acq: 23 Aug 2024 18:07

Instrument :
BNA_M
ClientSampleId :
LNG-Soil Pile

Tgt Ion:264 Resp: 1003451

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.2	17.3	25.9

