

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041286.D
 Acq On : 04 Aug 2023 10:01
 Operator : MA/JU
 Sample : 03854-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Quant Time: Aug 04 12:11:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

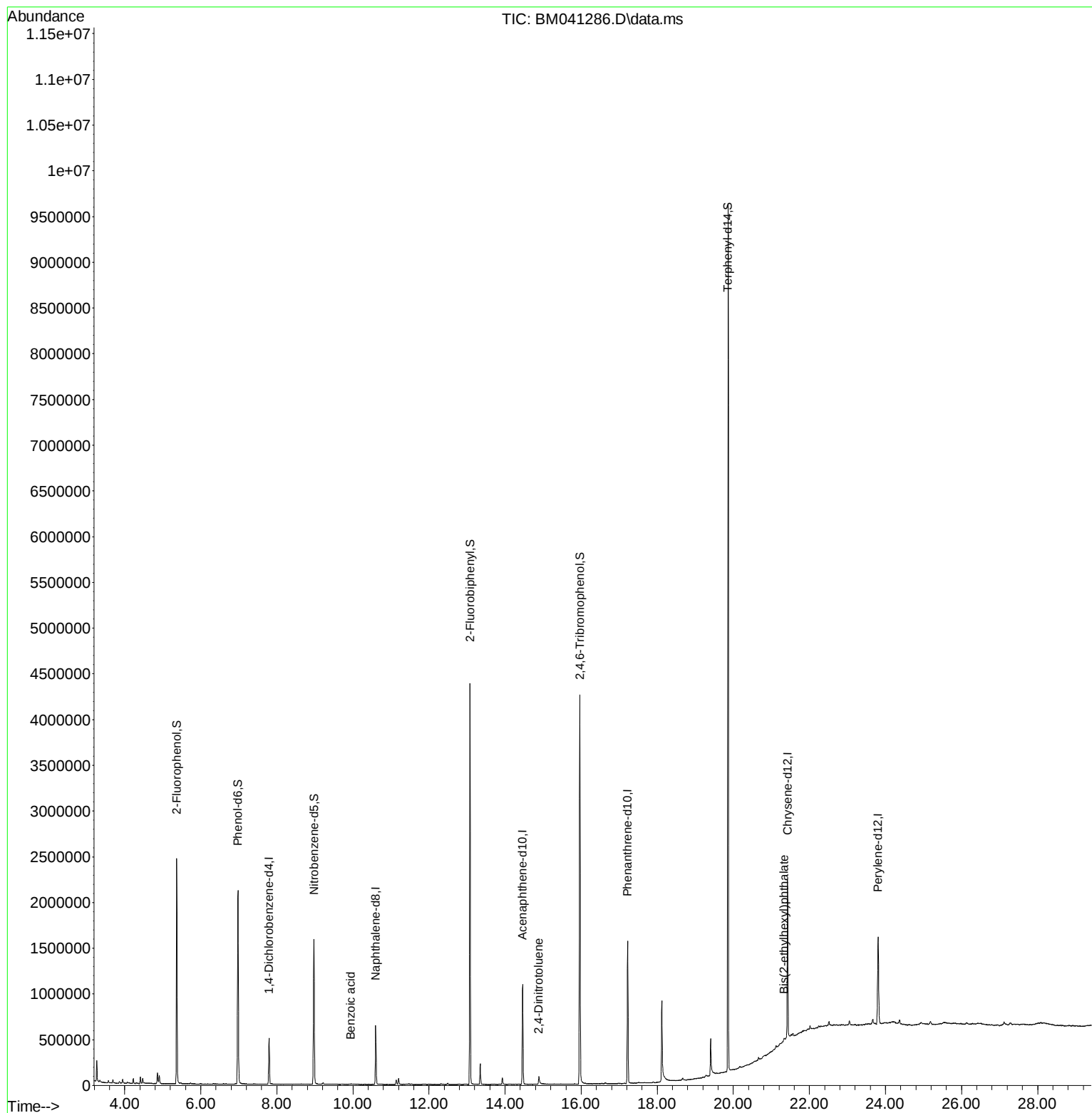
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	128946	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	528731	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	367416	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	924480	20.000	ng	0.00
76) Chrysene-d12	21.427	240	791330	20.000	ng	0.00
86) Perylene-d12	23.803	264	741562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	995495	115.386	ng	0.00
7) Phenol-d6	6.981	99	1189513	106.365	ng	0.00
23) Nitrobenzene-d5	8.975	82	926100	81.455	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	826685	159.073	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2227153	76.574	ng	0.00
79) Terphenyl-d14	19.862	244	4578647	104.614	ng	0.00
Target Compounds						
32) Benzoic acid	9.939	122	2820	7.559	ng	# 61
57) 2,4-Dinitrotoluene	14.880	165	58	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	6735	2.738	ng	# 91

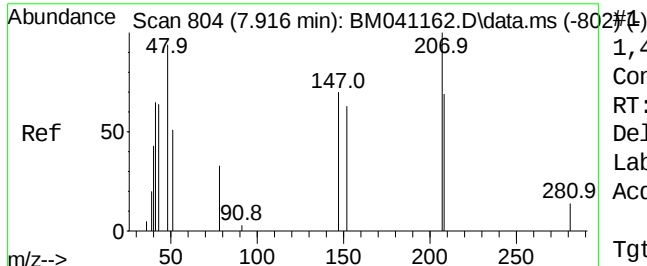
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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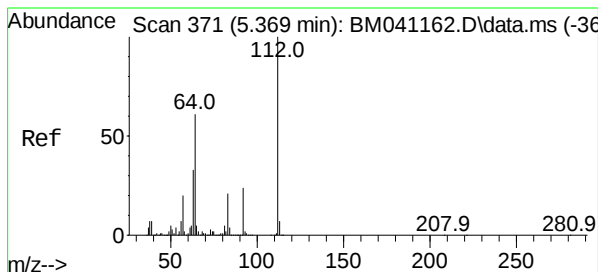
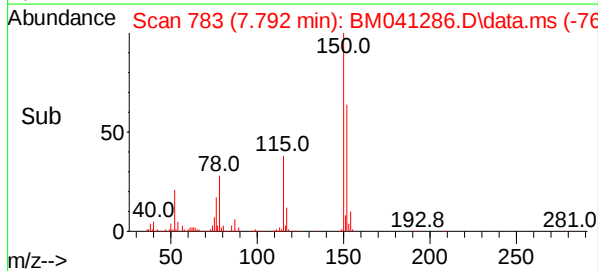
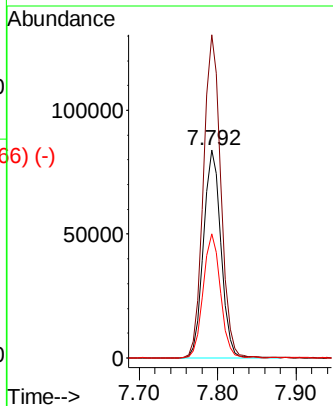
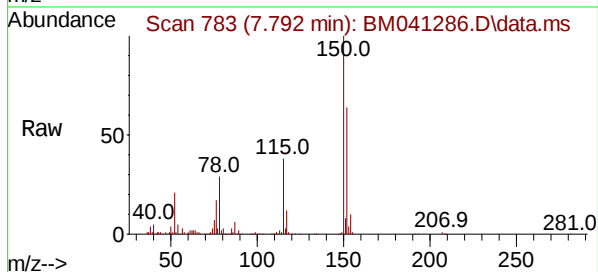




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

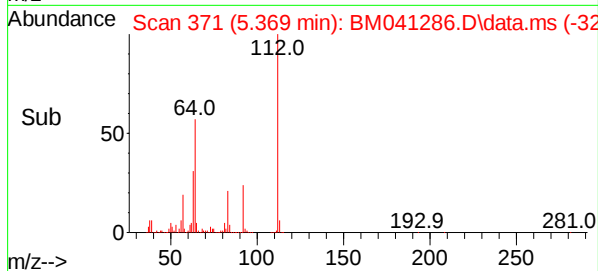
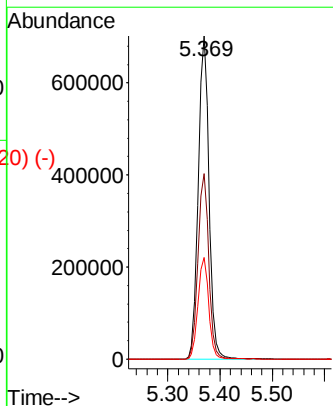
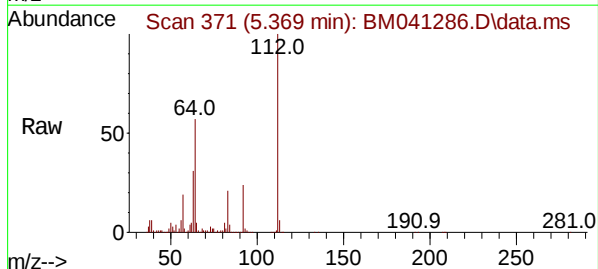
Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

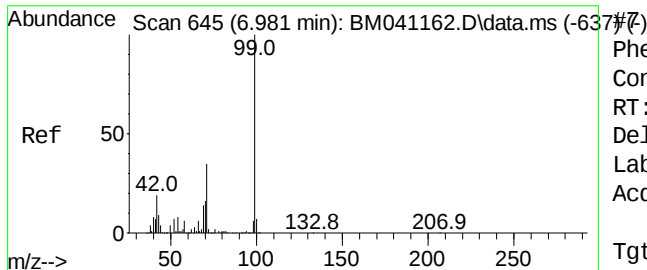
Tgt Ion:152 Resp: 128946
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.5 188.3
 115 59.7 48.0 72.0



2-Fluorophenol
 Concen: 115.386 ng
 RT: 5.369 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

Tgt Ion:112 Resp: 995495
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.5 72.7
 63 31.5 26.5 39.7



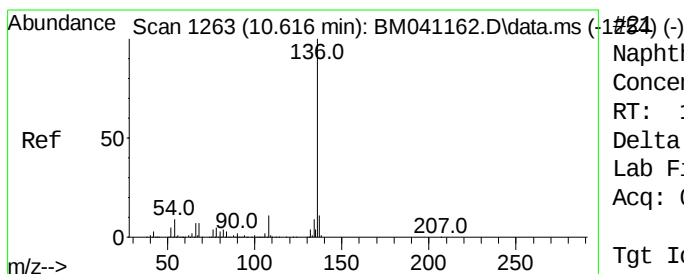
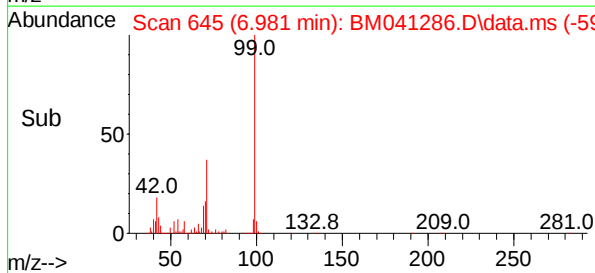
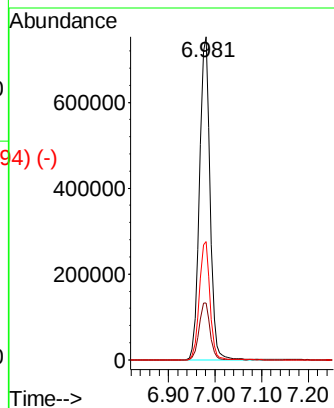
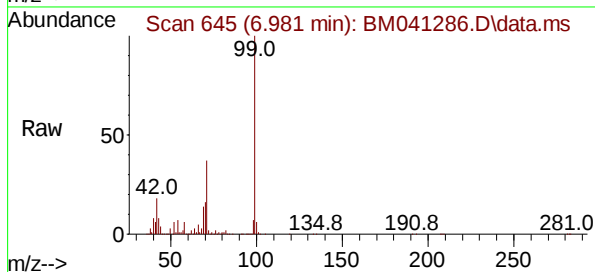


Phenol-d6
 Concen: 106.365 ng
 RT: 6.981 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Tgt Ion: 99 Resp: 1189513

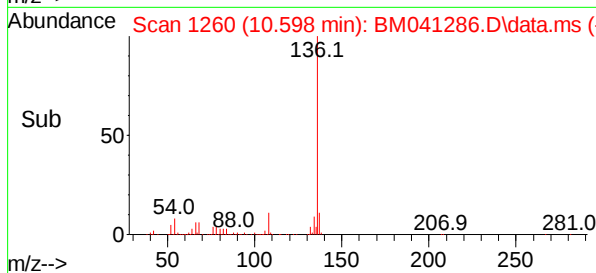
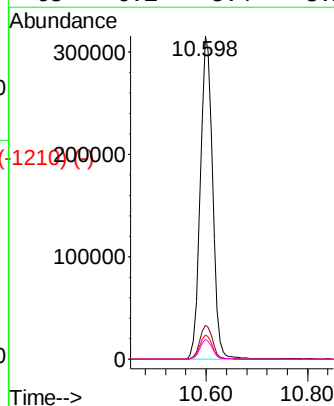
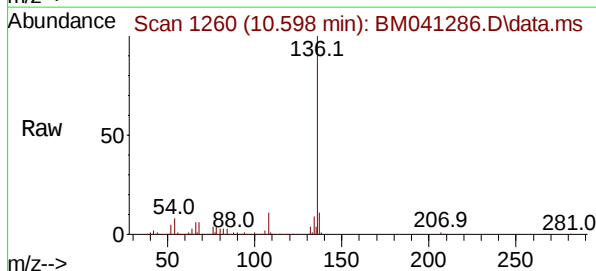
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	36.6	28.2	42.4

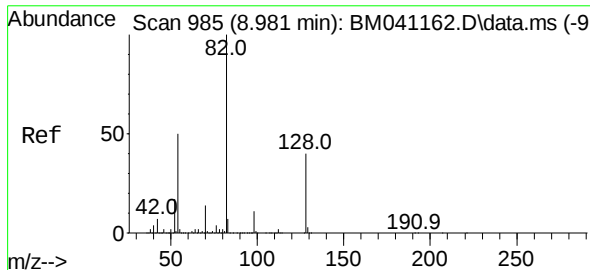


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.006 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

Tgt Ion: 136 Resp: 528731

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	6.9	10.3
68	6.1	5.4	8.2

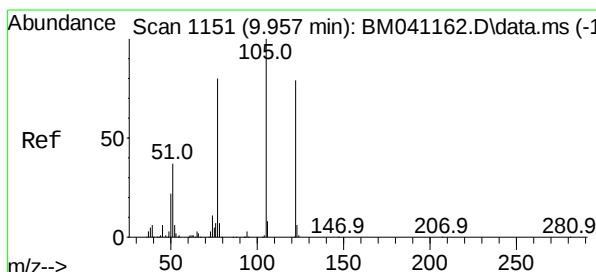
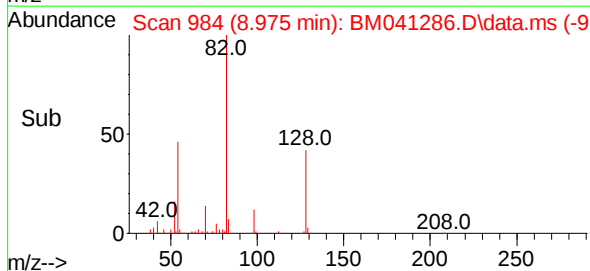
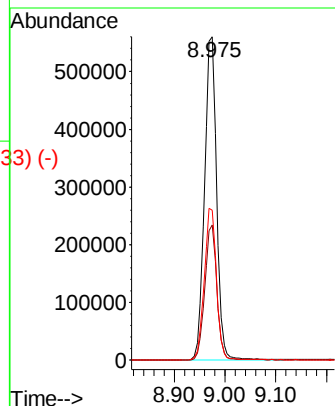
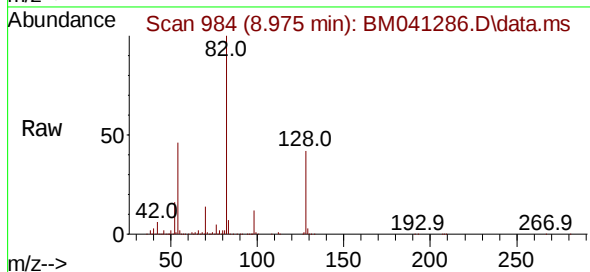




#23
Nitrobenzene-d5
Concen: 81.455 ng
RT: 8.975 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM041286.D
Acq: 04 Aug 2023 10:01

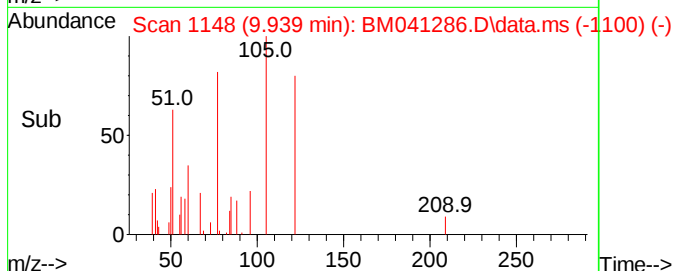
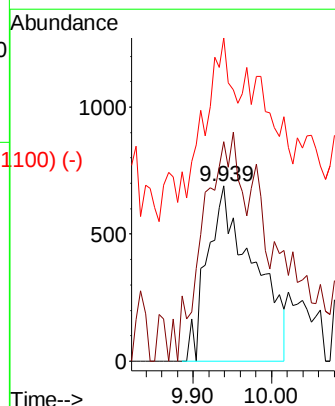
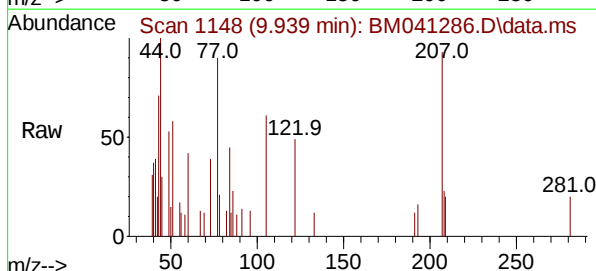
Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMP

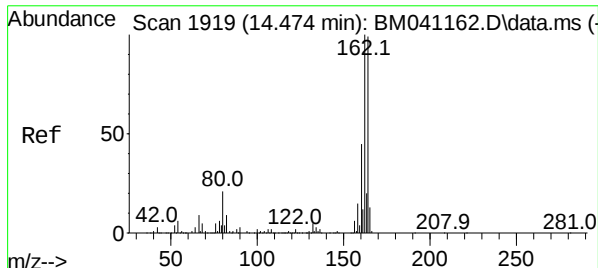
Tgt Ion:	82	Resp:	926100
Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.8	47.6
54	46.3	40.1	60.1



#32
Benzoic acid
Concen: 7.559 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.018 min
Lab File: BM041286.D
Acq: 04 Aug 2023 10:01

Tgt Ion:	122	Resp:	2820
Ion	Ratio	Lower	Upper
122	100		
105	125.5	104.0	144.0
77	184.6	79.9	119.9#





Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM041286.D

Acq: 04 Aug 2023 10:01

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMP

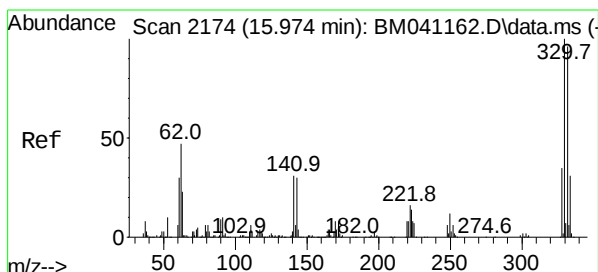
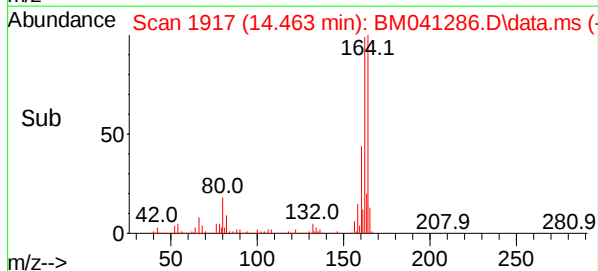
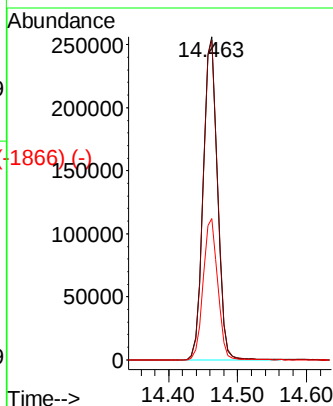
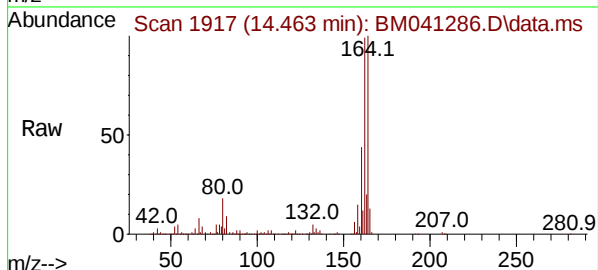
Tgt Ion:164 Resp: 367416

Ion Ratio Lower Upper

164 100

162 99.1 80.4 120.6

160 43.8 36.2 54.2



2,4,6-Tribromophenol

Concen: 159.073 ng

RT: 15.968 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BM041286.D

Acq: 04 Aug 2023 10:01

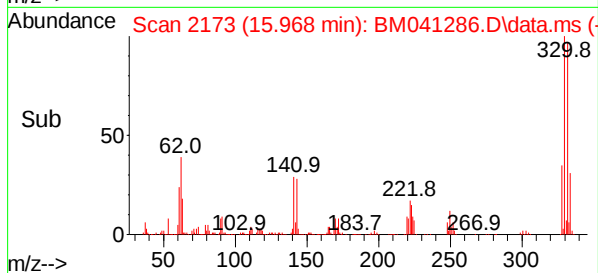
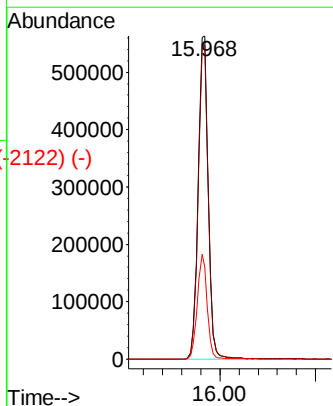
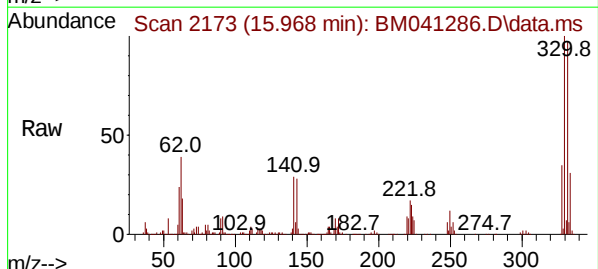
Tgt Ion:330 Resp: 826685

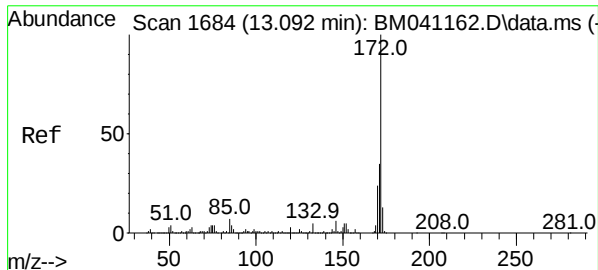
Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 31.5 28.3 42.5

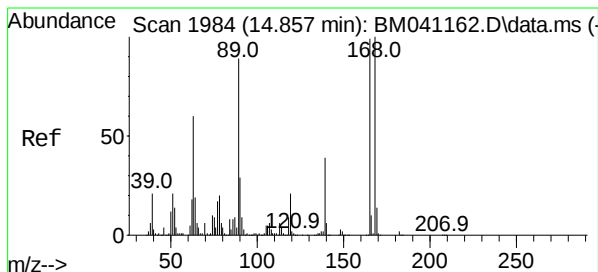
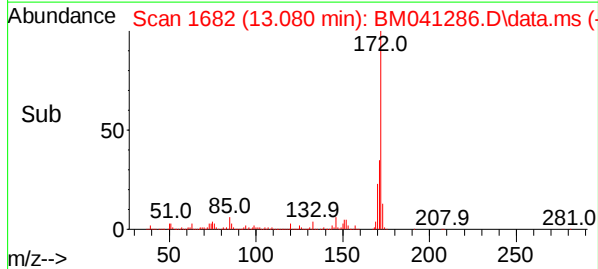
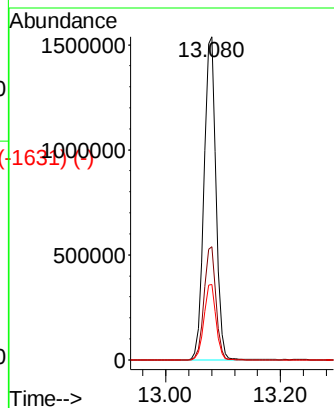
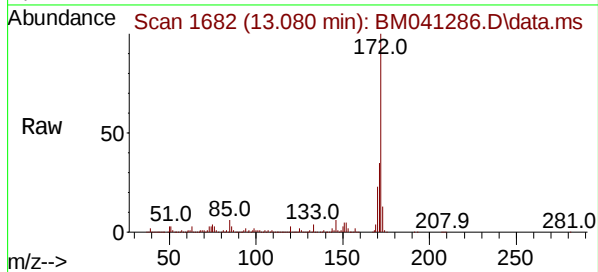




2-Fluorobiphenyl
Concen: 76.574 ng
RT: 13.080 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BM041286.D
Acq: 04 Aug 2023 10:01

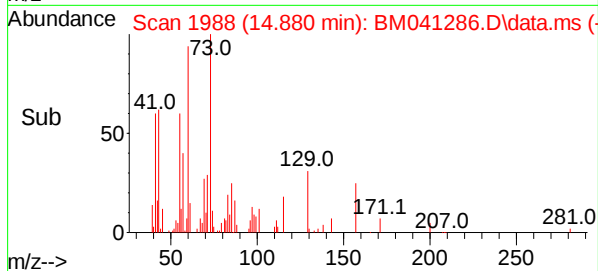
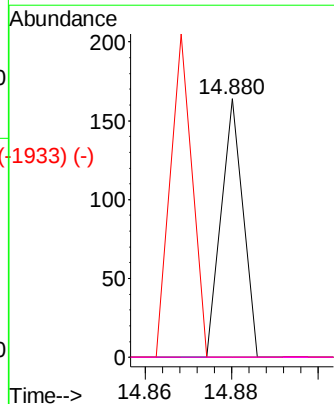
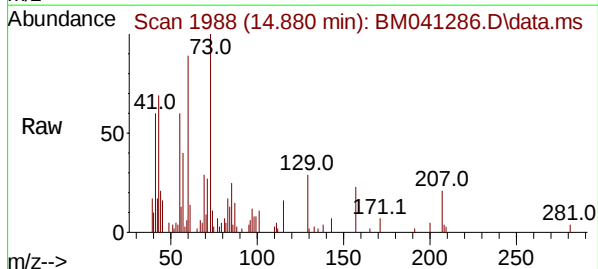
Instrument :
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BERGENFIELD-SOIL-COMP

Tgt Ion:172 Resp: 2227153
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 18.9 28.3

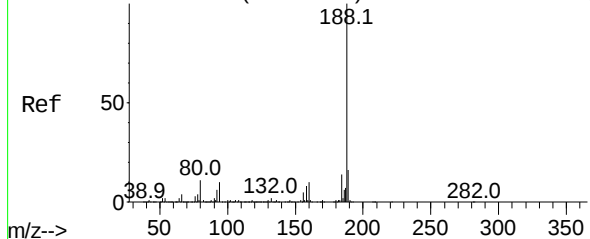


2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.880 min Scan# 1988
Delta R.T. 0.023 min
Lab File: BM041286.D
Acq: 04 Aug 2023 10:01

Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



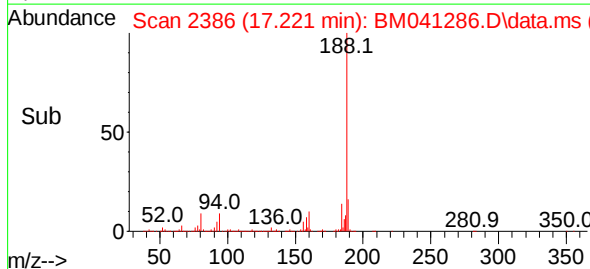
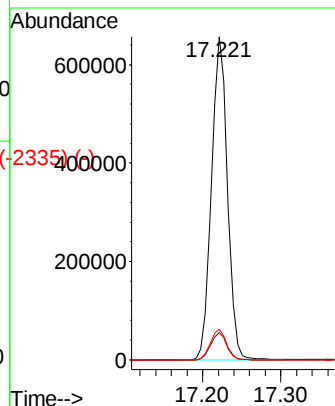
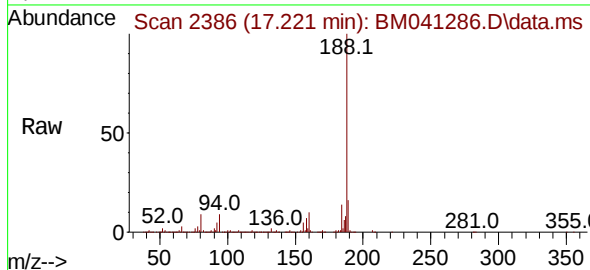
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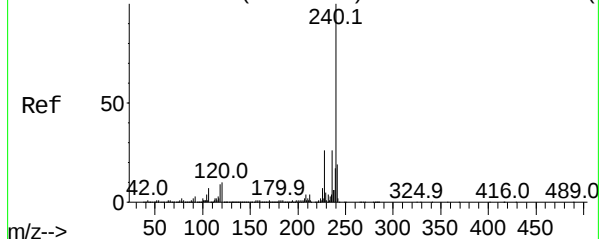
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041286.D
Acq: 04 Aug 2023 10:01

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMP

Tgt Ion:	188	Resp:	924480
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.4	8.6	13.0

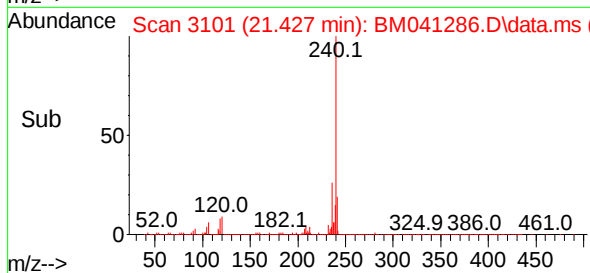
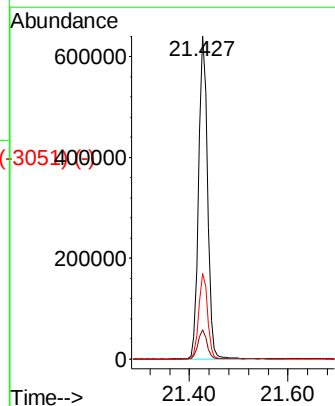
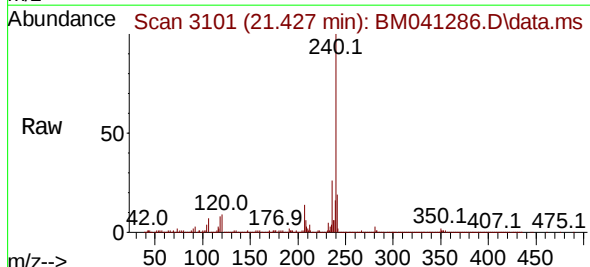


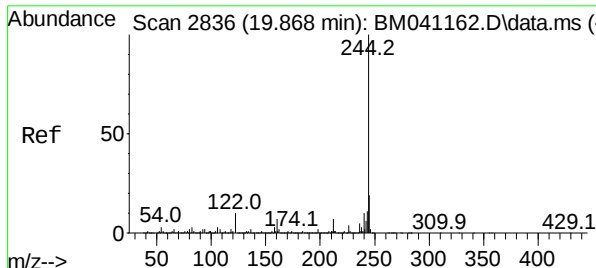
Abundance Scan 3102 (21.433 min): BM041162.D\data.ms (-3102) (-)



Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041286.D
Acq: 04 Aug 2023 10:01

Tgt Ion:	240	Resp:	791330
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.5	20.6	30.8



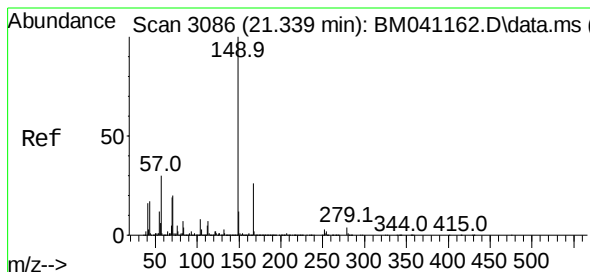
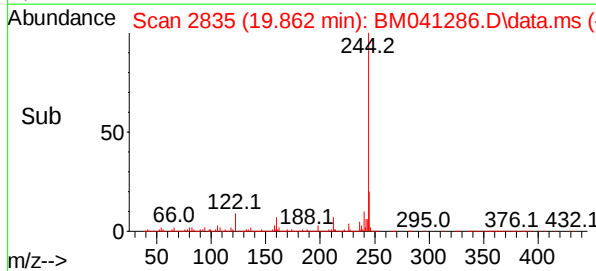
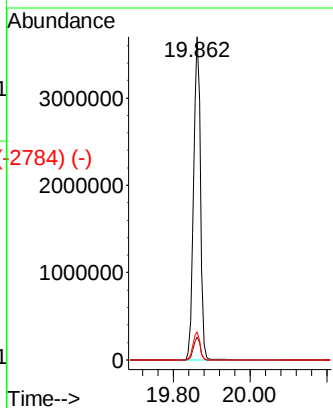
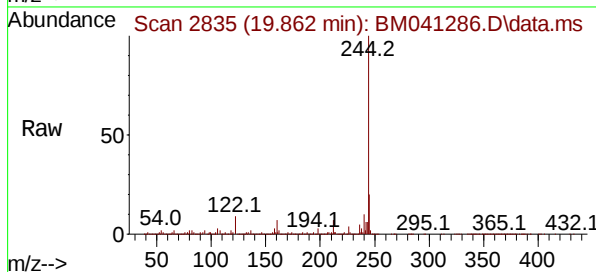


Terphenyl-d14
 Concen: 104.614 ng
 RT: 19.862 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Tgt Ion:244 Resp: 4578647

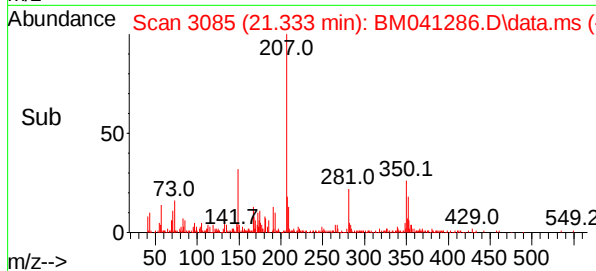
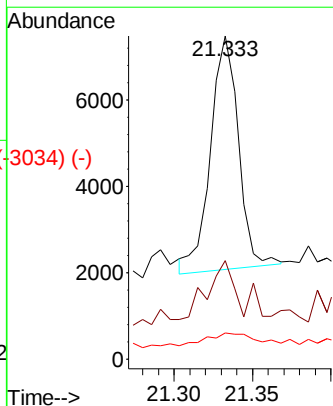
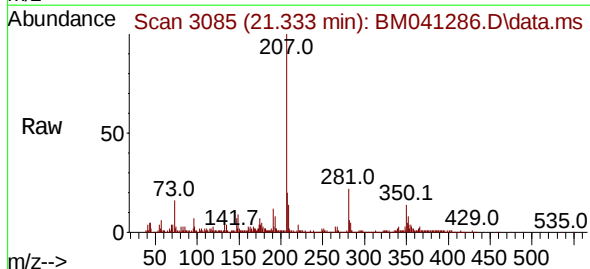
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	8.7	7.8	11.6

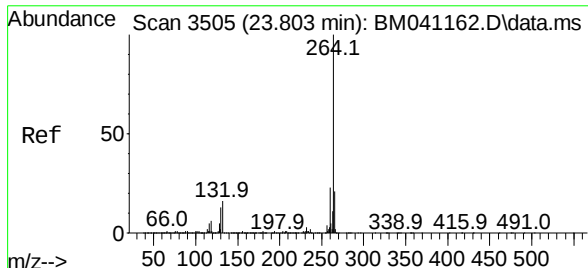


Bis(2-ethylhexyl)phthalate
 Concen: 2.738 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

Tgt Ion:149 Resp: 6735

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.0	31.6
279	8.1	3.1	4.7#





Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3485
 Delta R.T. -0.000 min
 Lab File: BM041286.D
 Acq: 04 Aug 2023 10:01

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Tgt Ion:	264	Resp:	741562
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.9	17.4	26.0

