

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030445.D
 Acq On : 14 Jun 2021 20:14
 Operator : CG/JU
 Sample : M2651-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DEP-CRANE-PAD-EXCAVATION

Quant Time: Jun 15 03:51:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 14:10:50 2021
 Response via : Initial Calibration

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

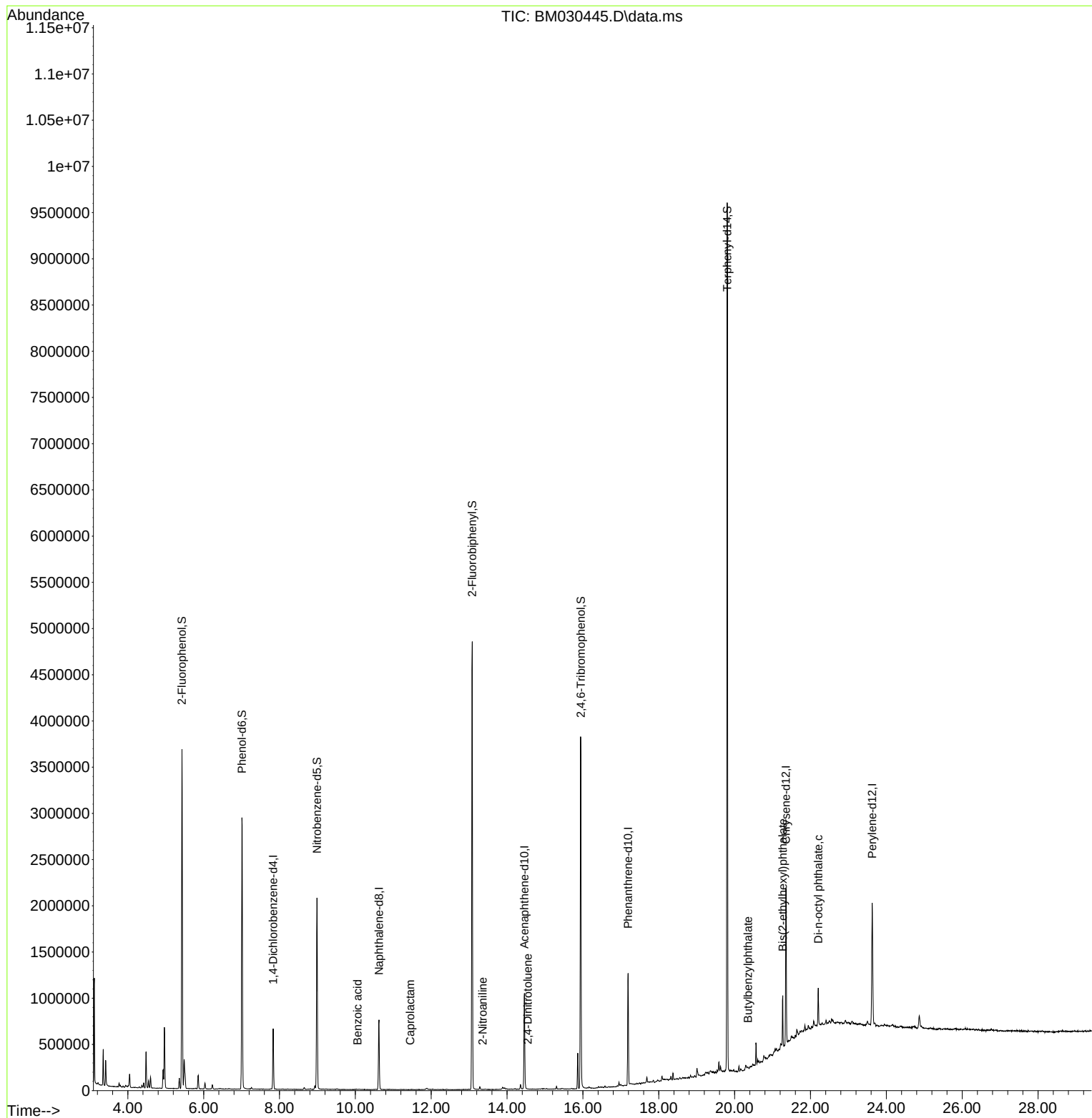
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	175468	20.00	ng	0.00
21) Naphthalene-d8	10.622	136	632185	20.00	ng	0.00
39) Acenaphthene-d10	14.457	164	369081	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	737811	20.00	ng	0.00
76) Chrysene-d12	21.351	240	838059	20.00	ng	0.00
86) Perylene-d12	23.627	264	942282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1482612	137.36	ng	0.01
7) Phenol-d6	7.010	99	1639298	104.91	ng	0.01
23) Nitrobenzene-d5	8.987	82	1190983	91.78	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	693208	149.39	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2548722	90.81	ng	0.00
79) Terphenyl-d14	19.804	244	4162795	87.25	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	146	5.01	ng	# 36
35) Caprolactam	11.445	113	56	5.99	ng	# 8
48) 2-Nitroaniline	13.357	65	53	4.03	ng	# 4
57) 2,4-Dinitrotoluene	14.545	165	74	3.00	ng	# 24
80) Butylbenzylphthalate	20.351	149	288	4.32	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	182244	8.47	ng	100
85) Di-n-octyl phthalate	22.203	149	51345	4.93	ng	# 17

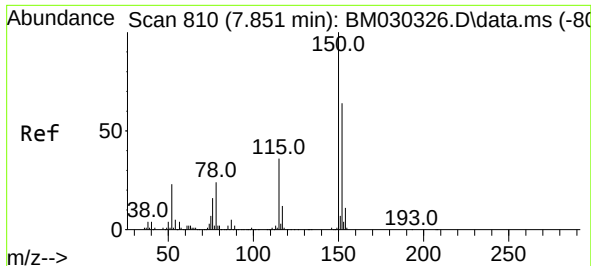
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
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Quant Time: Jun 15 03:51:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

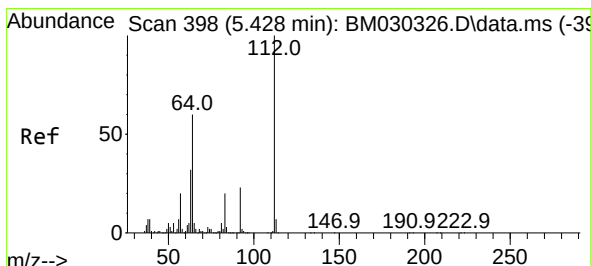
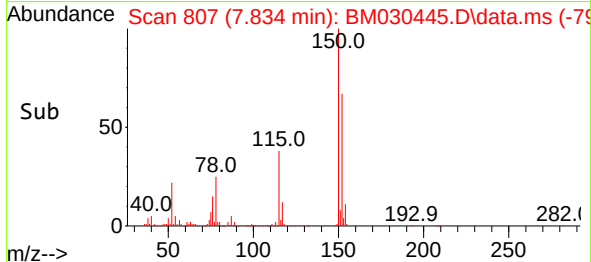
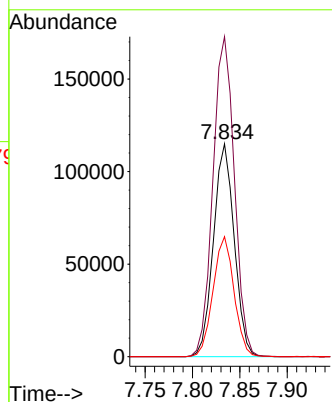
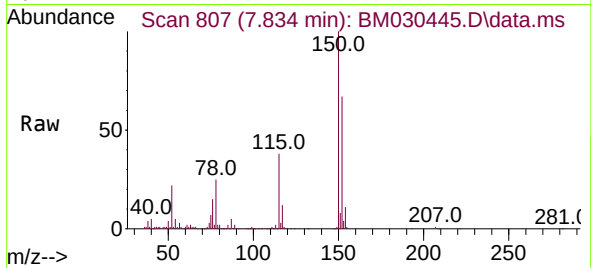




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

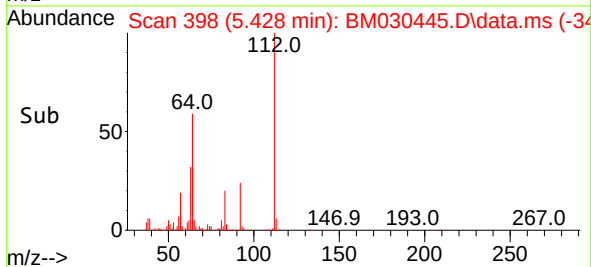
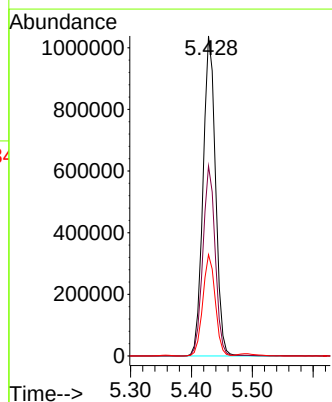
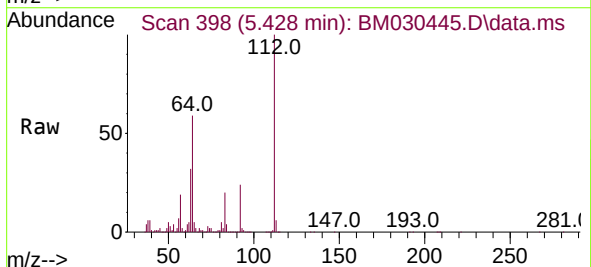
Instrument :
BNA_M
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

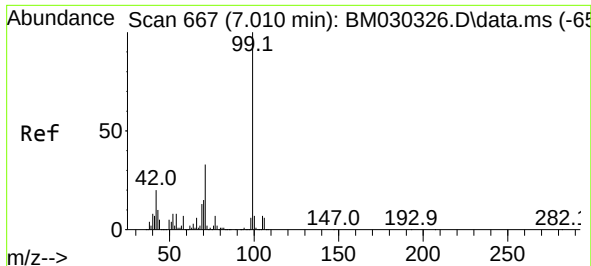
Tgt Ion:152 Resp: 175468
Ion Ratio Lower Upper
152 100
150 150.3 125.9 188.9
115 56.4 44.6 67.0



#5
2-Fluorophenol
Concen: 137.36 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.012 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion:112 Resp: 1482612
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.7 27.3 40.9



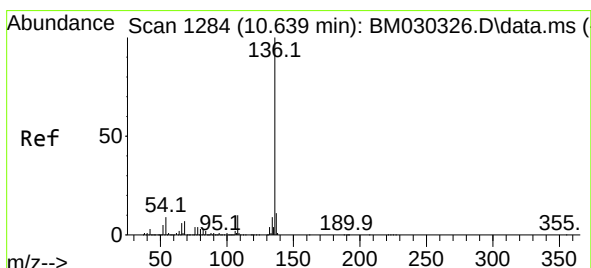
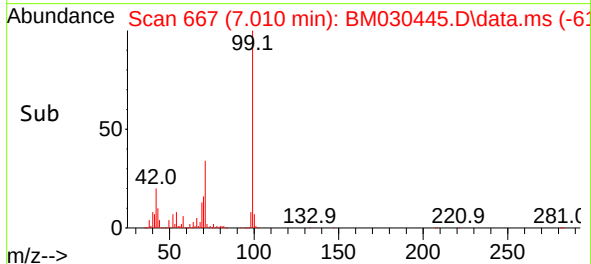
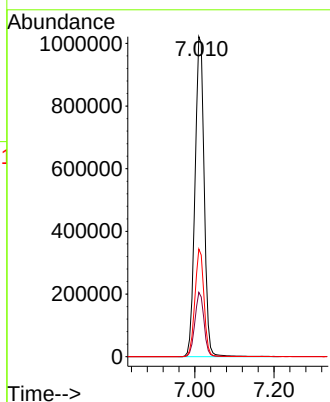
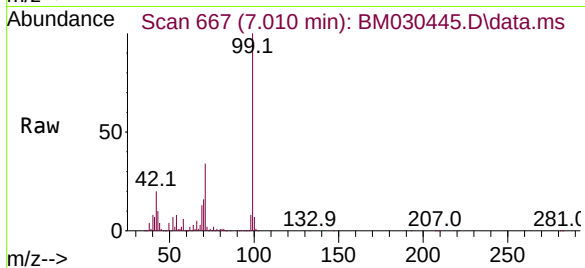


#7
Phenol-d6
Concen: 104.91 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.012 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Instrument :
BNA_M
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

Tgt Ion: 99 Resp: 1639298

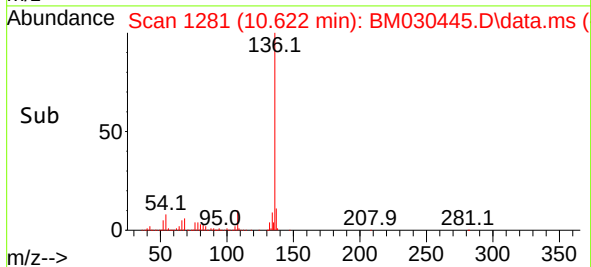
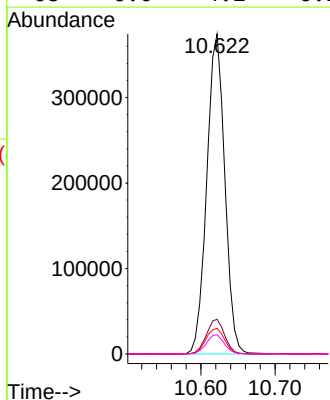
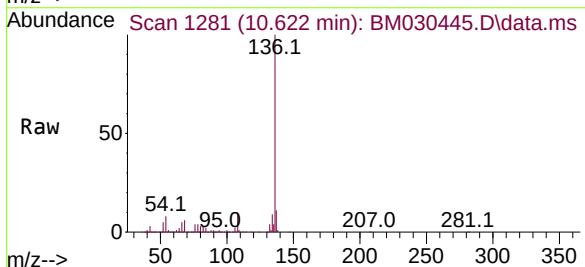
Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.0	27.0
71	33.7	30.9	46.3

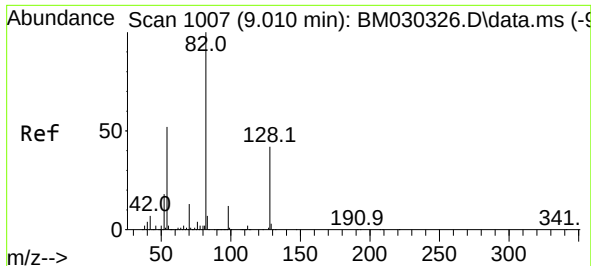


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion: 136 Resp: 632185

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.0	5.5	8.3
68	6.0	4.2	6.2

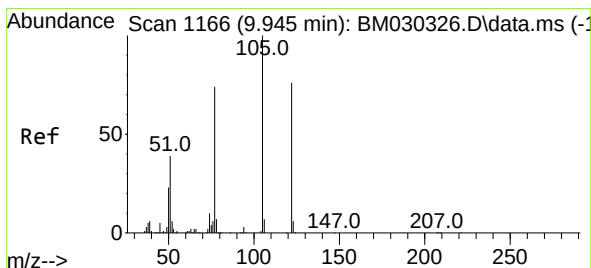
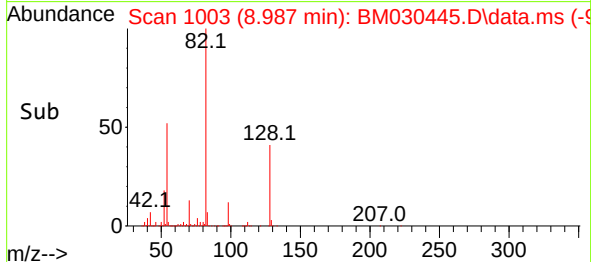
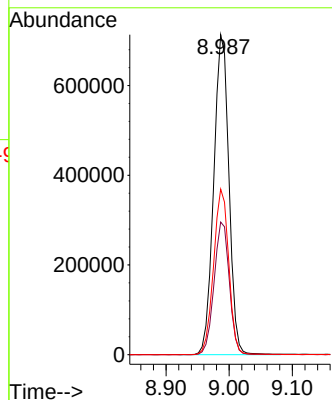
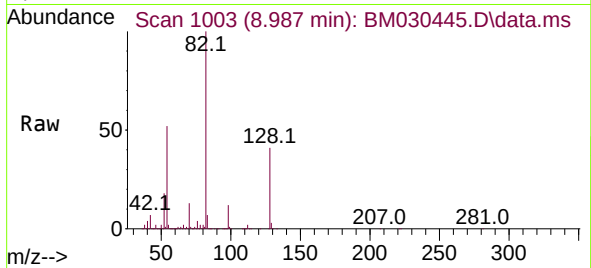




#23
Nitrobenzene-d5
Concen: 91.78 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

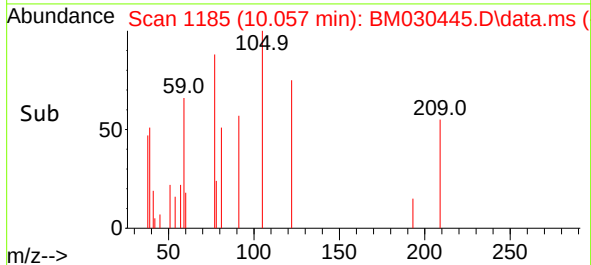
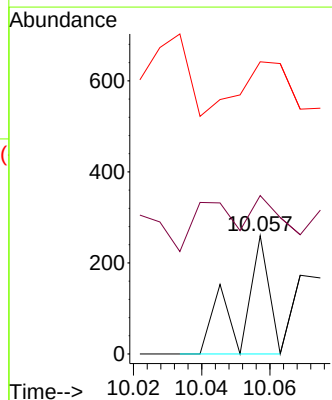
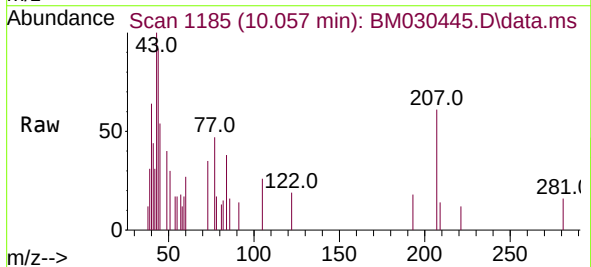
Instrument :
BNA_M
ClientSampleId :
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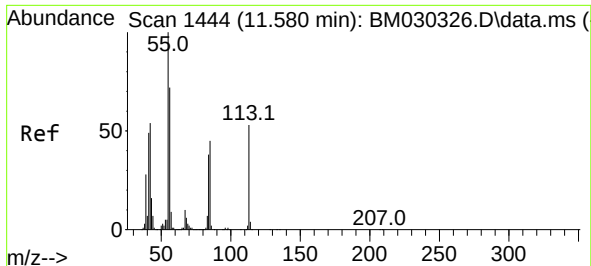
Tgt Ion: 82 Resp: 1190983
Ion Ratio Lower Upper
82 100
128 41.4 31.1 46.7
54 51.7 37.3 55.9



#32
Benzoic acid
Concen: 5.01 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.124 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 133.8 107.3 147.3
77 246.9 88.0 128.0#

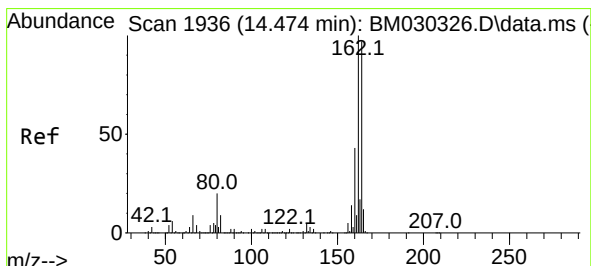
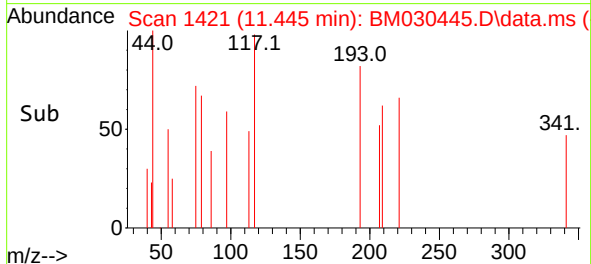
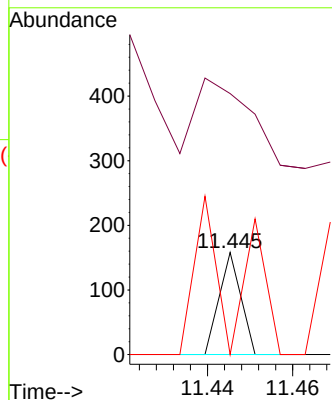
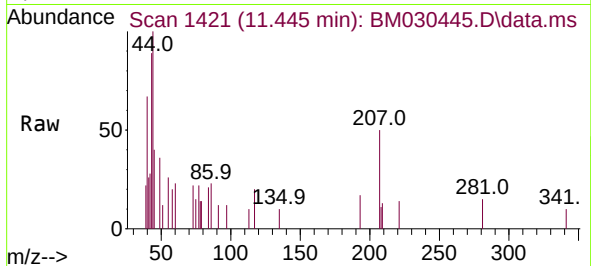




#35
Caprolactam
Concen: 5.99 ng
RT: 11.445 min Scan# 1421
Delta R.T. -0.123 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

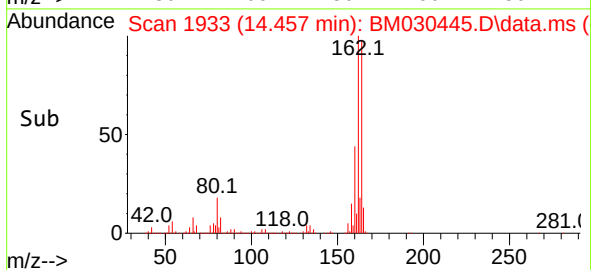
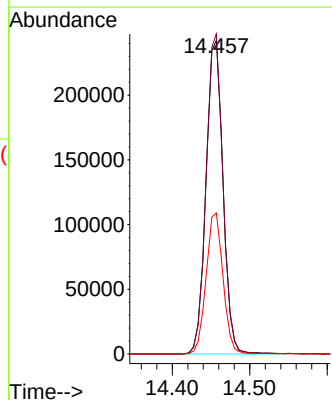
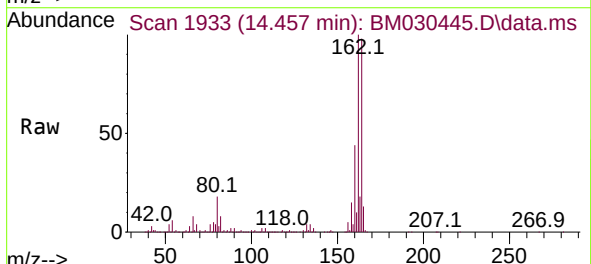
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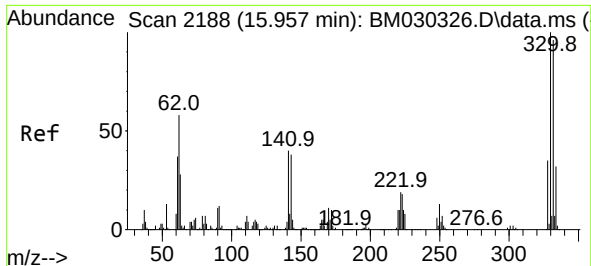
Tgt Ion:113 Resp: 56
Ion Ratio Lower Upper
113 100
55 255.7 132.0 172.0#
56 0.0 96.3 136.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion:164 Resp: 369081
Ion Ratio Lower Upper
164 100
162 102.1 83.4 125.0
160 45.0 37.2 55.8

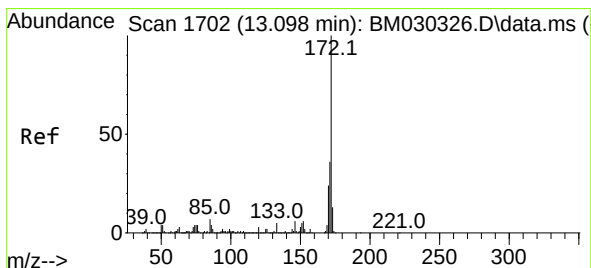
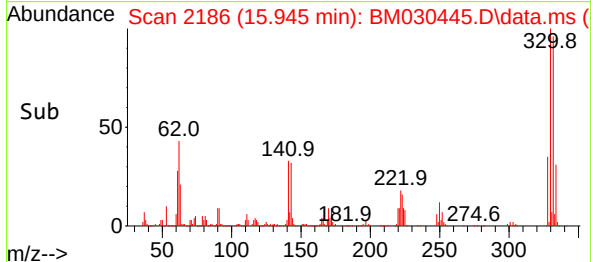
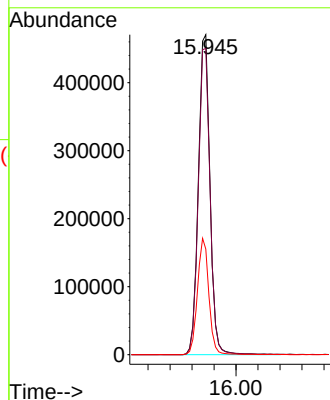
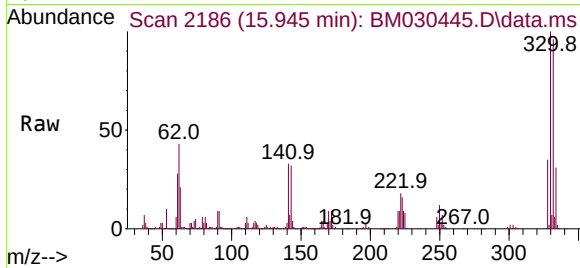




#42
2,4,6-Tribromophenol
Concen: 149.39 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

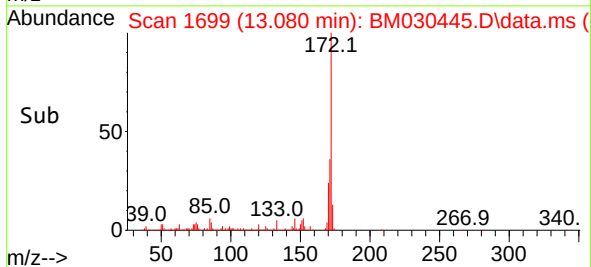
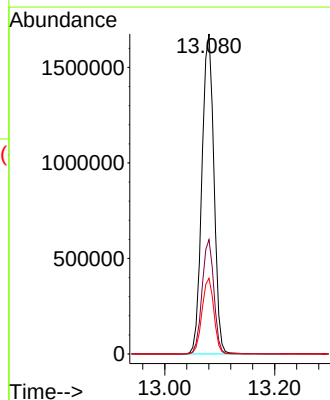
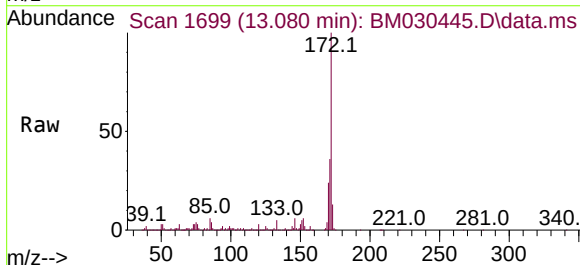
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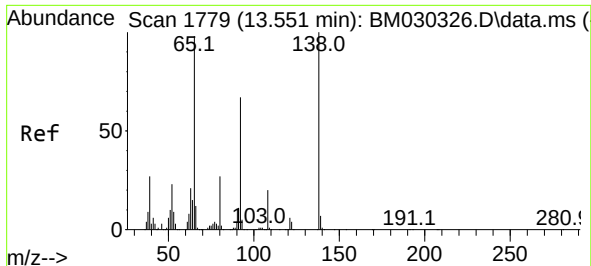
Tgt Ion:330 Resp: 693208
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.6 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 90.81 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion:172 Resp: 2548722
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 18.4 27.6

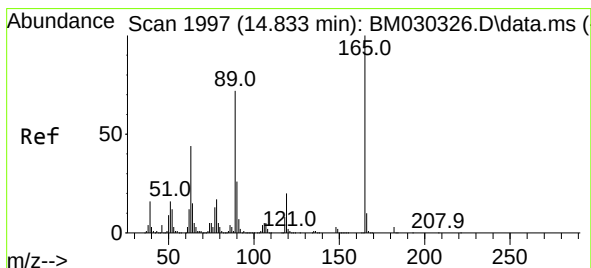
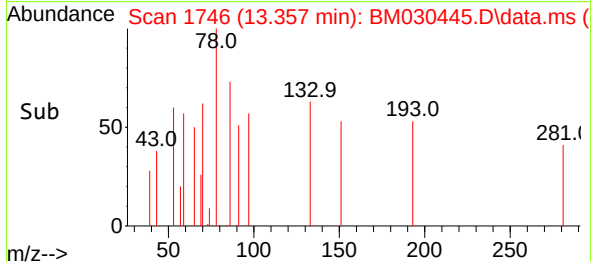
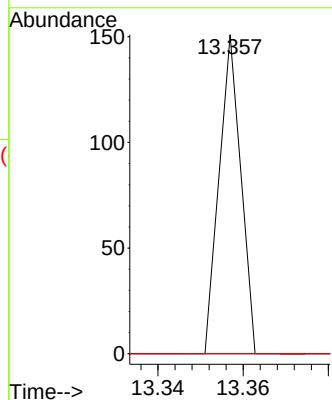
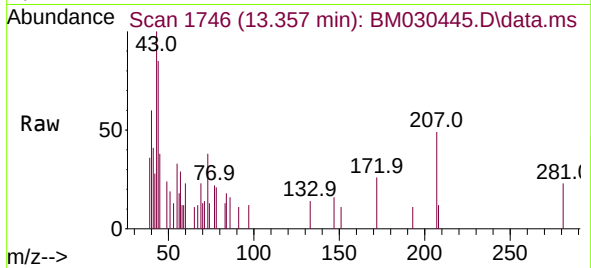




#48
2-Nitroaniline
Concen: 4.03 ng
RT: 13.357 min Scan# 1746
Delta R.T. -0.182 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

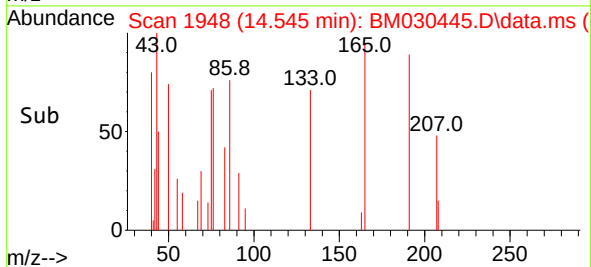
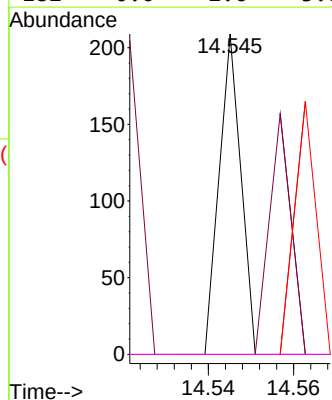
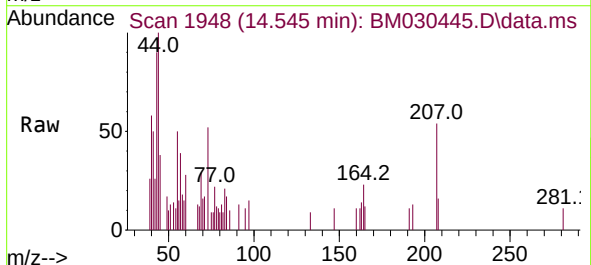
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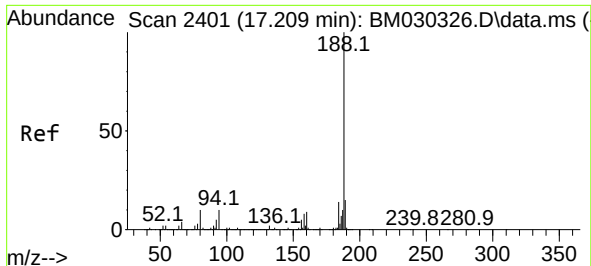
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#57
2,4-Dinitrotoluene
Concen: 3.00 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.276 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion: 165 Resp: 74
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 0.0 55.2 82.8#
182 0.0 2.6 3.8#

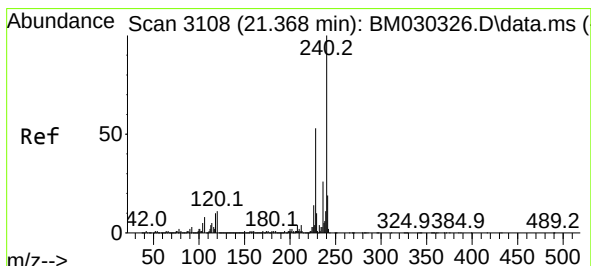
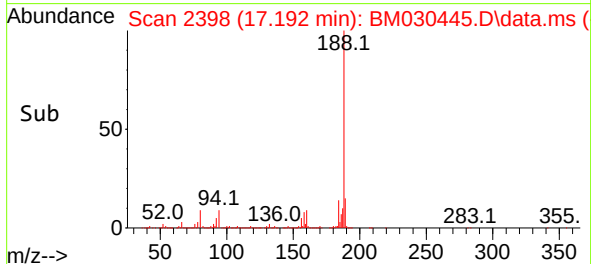
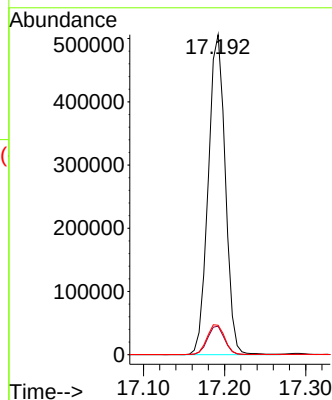
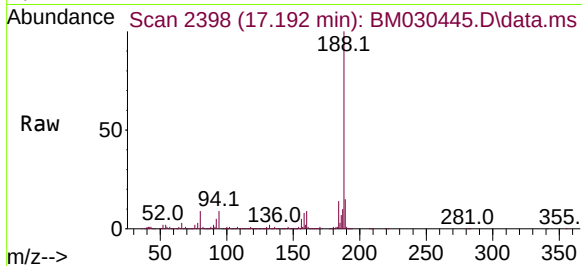




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

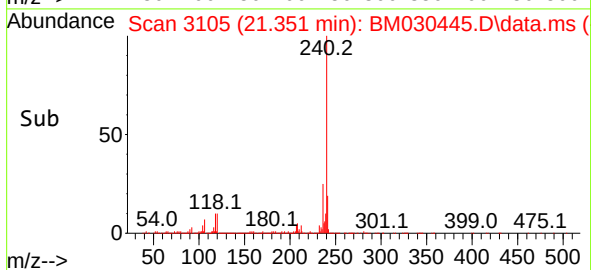
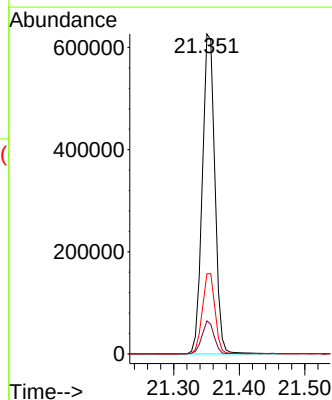
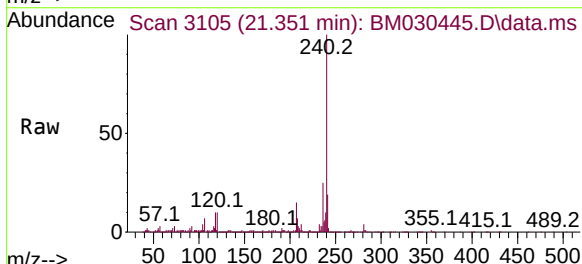
Instrument :
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DEP-CRANE-PAD-EXCAVATION

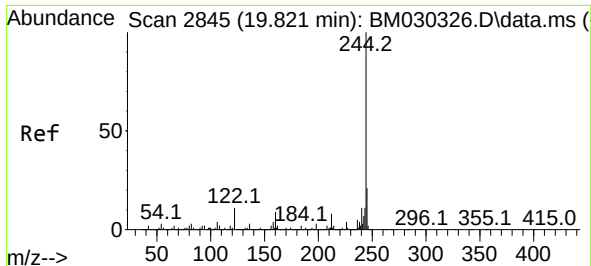
Tgt Ion:188 Resp: 737811
Ion Ratio Lower Upper
188 100
94 8.9 6.0 9.0
80 9.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion:240 Resp: 838059
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.1 21.0 31.4

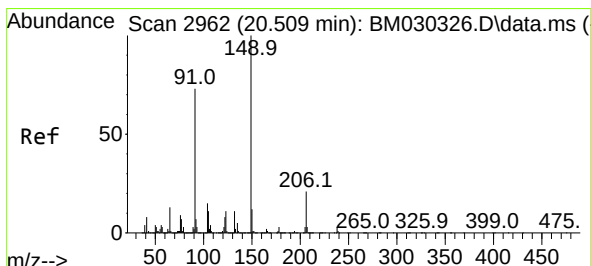
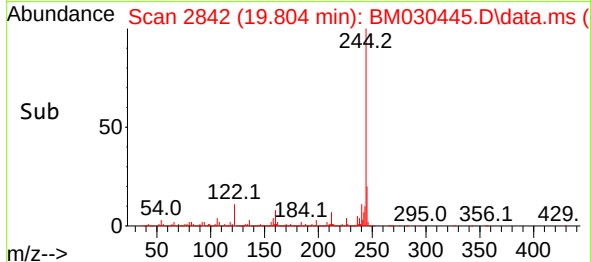
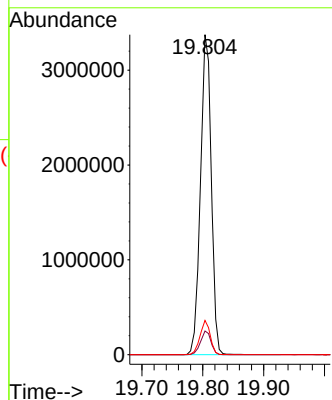
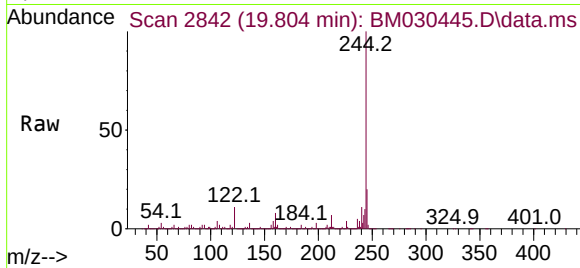




#79
 Terphenyl-d14
 Concen: 87.25 ng
 RT: 19.804 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BM030445.D
 Acq: 14 Jun 2021 20:14

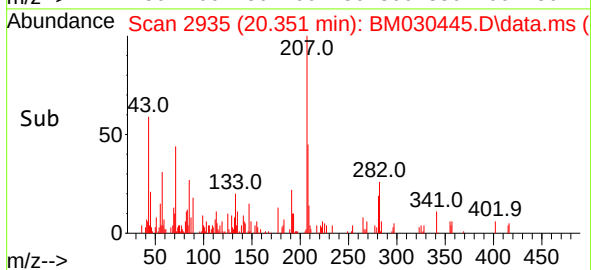
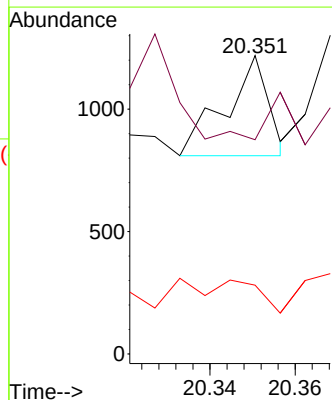
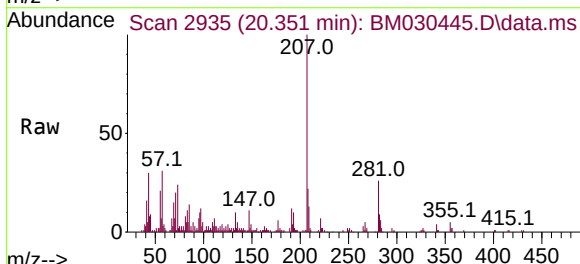
Instrument :
 BNA_M
 ClientSampleId :
 DEP-CRANE-PAD-EXCAVATION

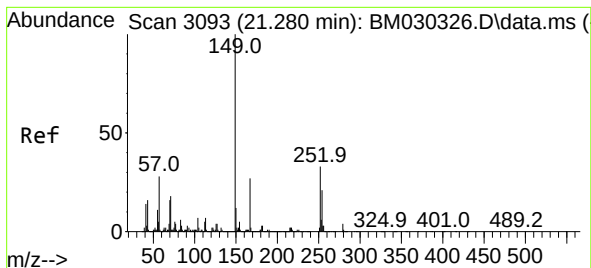
Tgt Ion:244 Resp: 4162795
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.7 6.9 10.3#



#80
 Butylbenzylphthalate
 Concen: 4.32 ng
 RT: 20.351 min Scan# 2935
 Delta R.T. -0.147 min
 Lab File: BM030445.D
 Acq: 14 Jun 2021 20:14

Tgt Ion:149 Resp: 288
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.4 86.0
 206 23.1 16.6 25.0



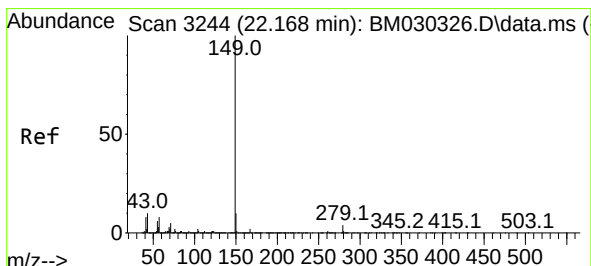
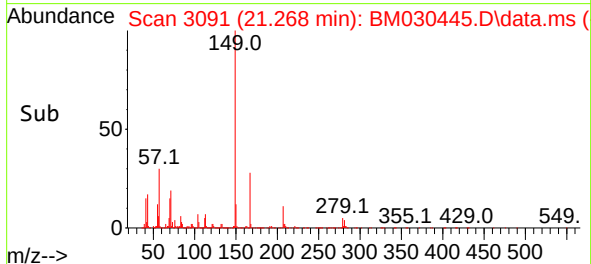
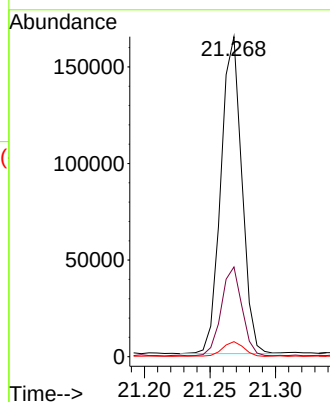
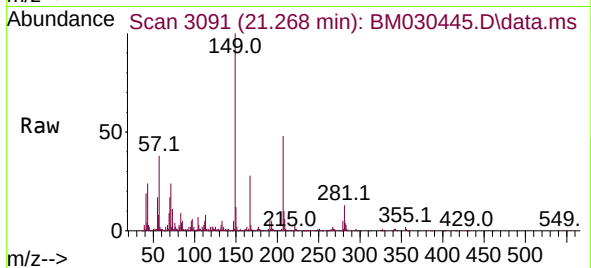


#84

Bis(2-ethylhexyl)phthalate
Concen: 8.47 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Instrument :
BNA_M
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

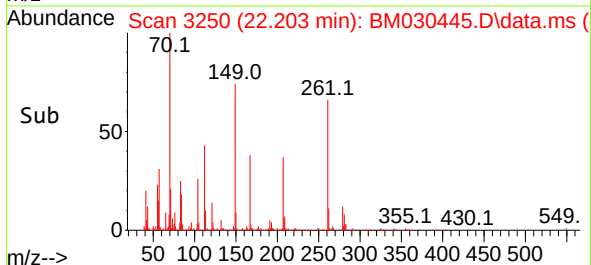
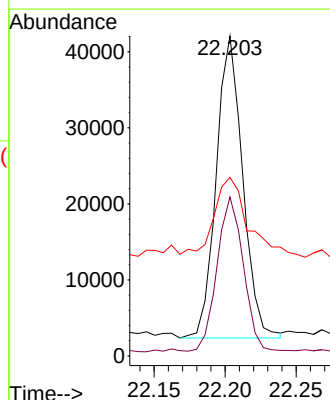
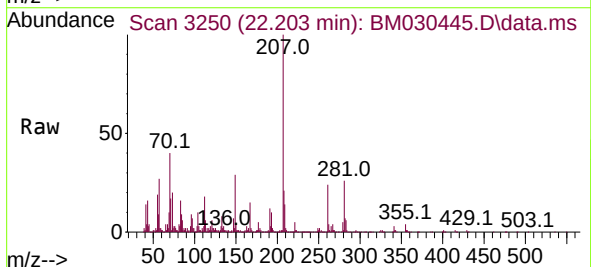
Tgt Ion:149 Resp: 182244
Ion Ratio Lower Upper
149 100
167 28.1 22.6 33.8
279 4.7 3.8 5.8

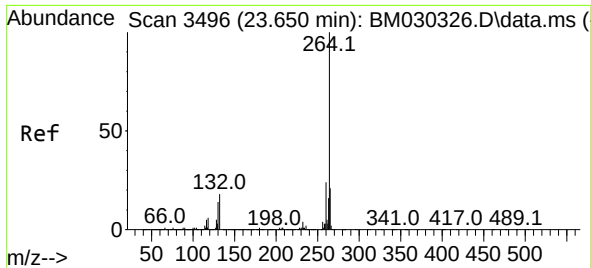


#85

Di-n-octyl phthalate
Concen: 4.93 ng
RT: 22.203 min Scan# 3250
Delta R.T. 0.047 min
Lab File: BM030445.D
Acq: 14 Jun 2021 20:14

Tgt Ion:149 Resp: 51345
Ion Ratio Lower Upper
149 100
167 50.6 1.3 1.9#
43 36.4 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.627 min Scan# 3492
 Delta R.T. -0.006 min
 Lab File: BM030445.D
 Acq: 14 Jun 2021 20:14

Instrument :
 BNA_M
 ClientSampleId :
 DEP-CRANE-PAD-EXCAVATION

Tgt Ion:264	Resp: 942282
Ion Ratio	Lower Upper
264	100
260	23.5 19.8 29.8
265	22.1 17.7 26.5

