

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030443.D
 Acq On : 14 Jun 2021 19:00
 Operator : CG/JU
 Sample : M2651-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CON-ED-EXCAVATION

Quant Time: Jun 15 03:50:57 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)

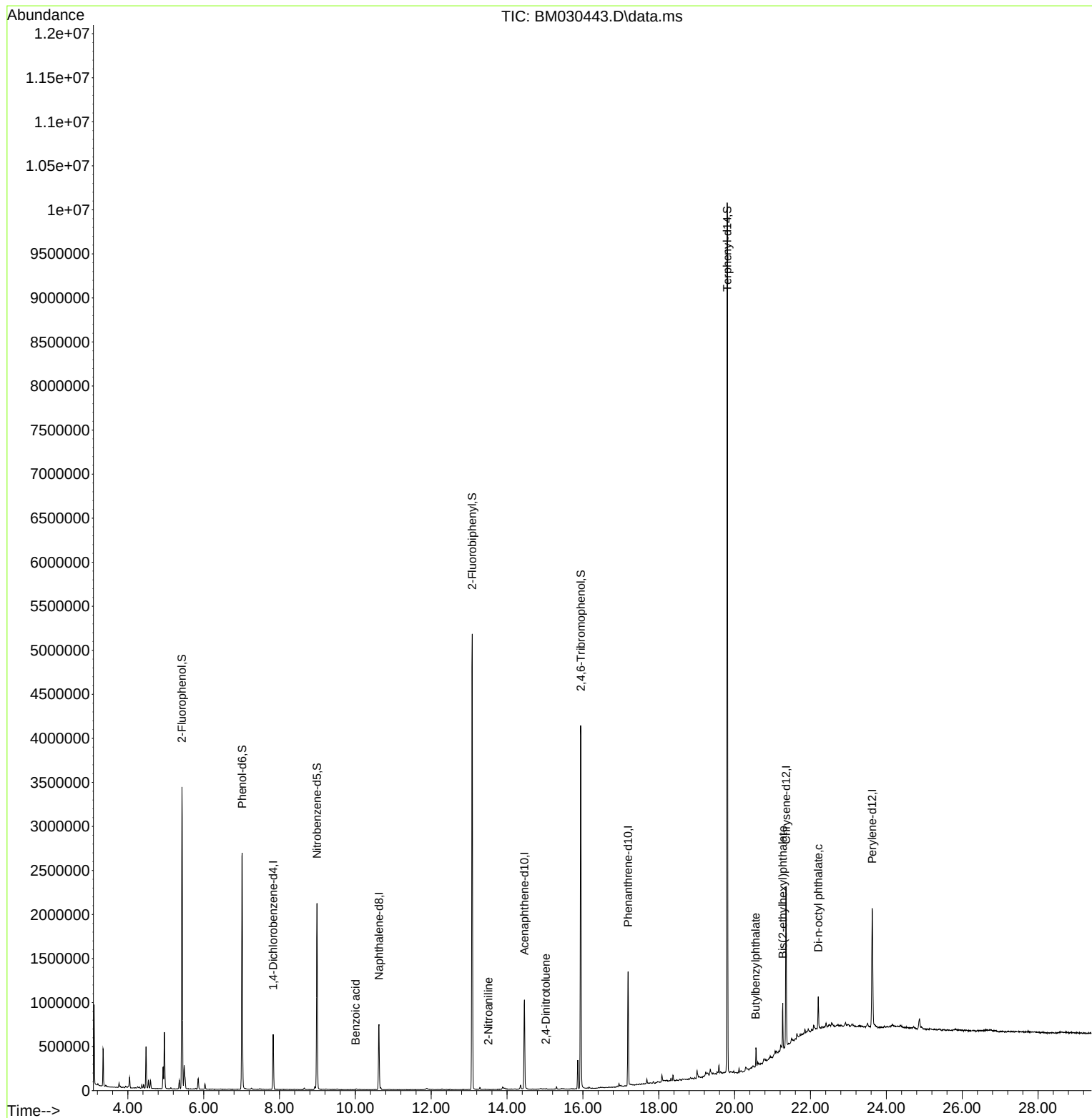
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	171657	20.00	ng	0.00
21) Naphthalene-d8	10.622	136	620747	20.00	ng	# 0.00
39) Acenaphthene-d10	14.457	164	366309	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	775716	20.00	ng	0.00
76) Chrysene-d12	21.356	240	892685	20.00	ng	0.00
86) Perylene-d12	23.627	264	984092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1415097	134.02	ng	0.01
7) Phenol-d6	7.016	99	1512571	98.95	ng	0.02
23) Nitrobenzene-d5	8.987	82	1193855	93.70	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	749722	162.79	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2658718	95.45	ng	0.00
79) Terphenyl-d14	19.809	244	4615981	90.82	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.010	122	330	5.03	ng	# 41
48) 2-Nitroaniline	13.510	65	72	4.03	ng	# 4
57) 2,4-Dinitrotoluene	15.022	165	77	3.00	ng	# 24
80) Butylbenzylphthalate	20.551	149	295	4.32	ng	97
84) Bis(2-ethylhexyl)phtha...	21.268	149	167675	7.90	ng	99
85) Di-n-octyl phthalate	22.203	149	44252	4.79	ng	# 12

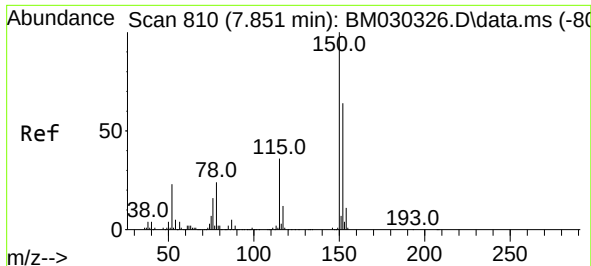
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
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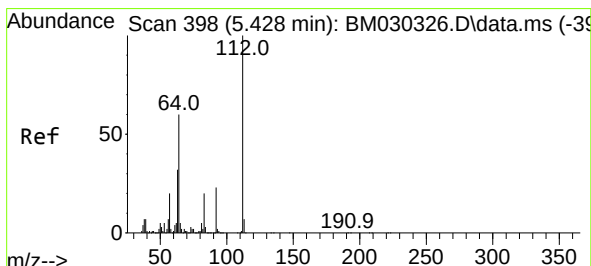
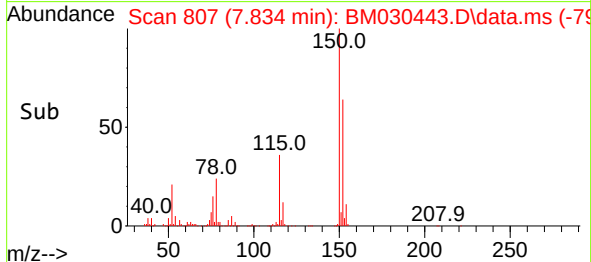
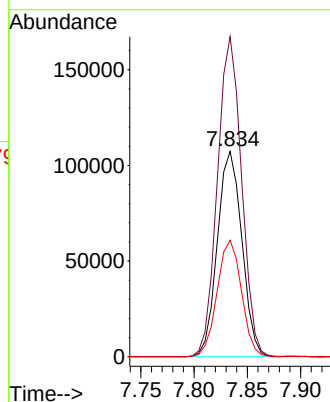
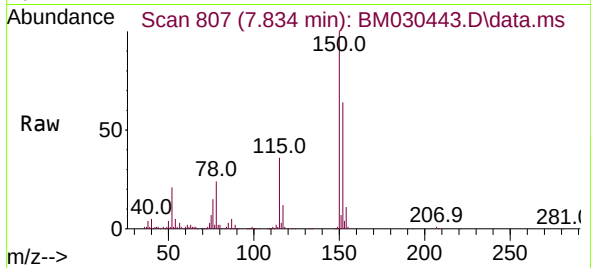




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

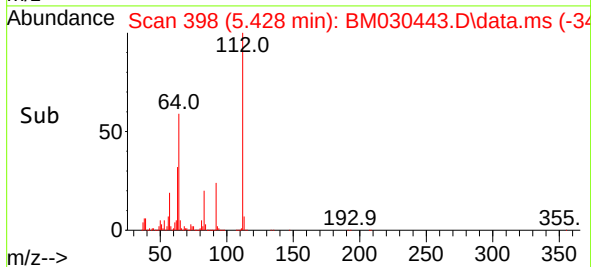
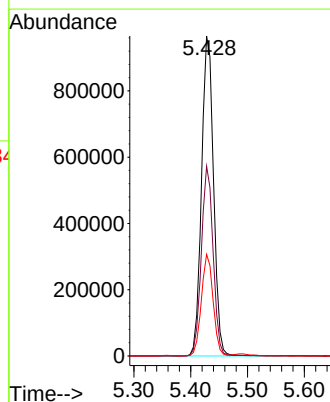
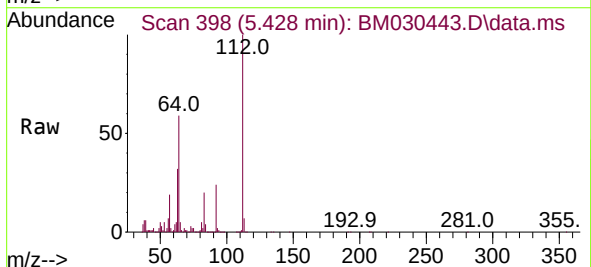
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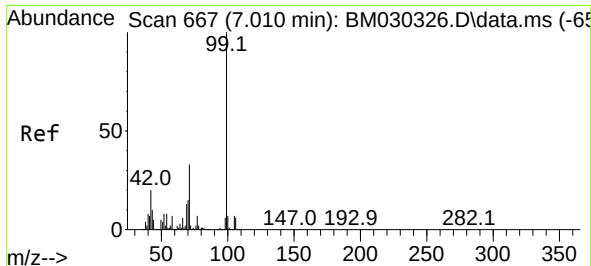
Tgt Ion:152 Resp: 171657
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 56.7 44.6 67.0



#5
2-Fluorophenol
Concen: 134.02 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.012 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:112 Resp: 1415097
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 31.7 27.3 40.9

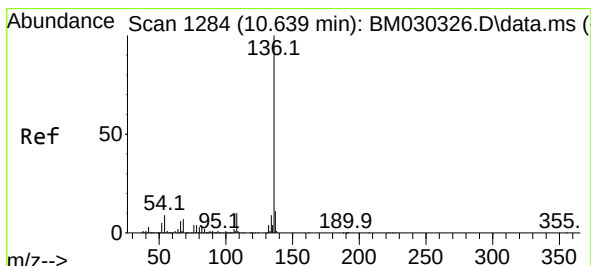
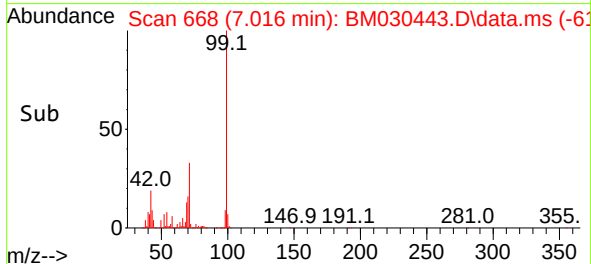
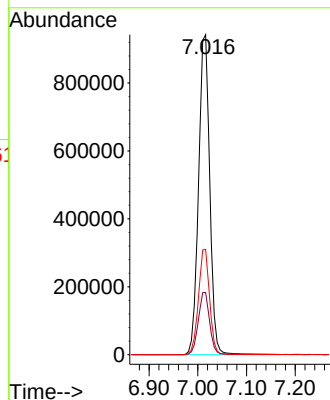
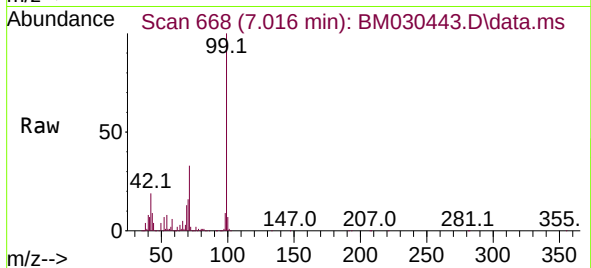




#7
Phenol-d6
Concen: 98.95 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.018 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

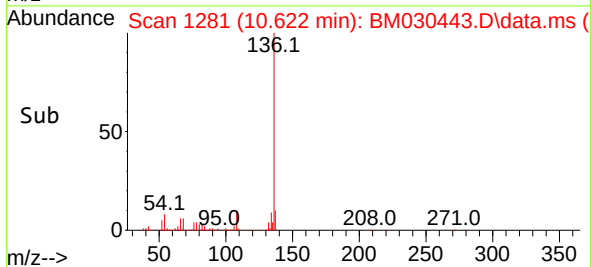
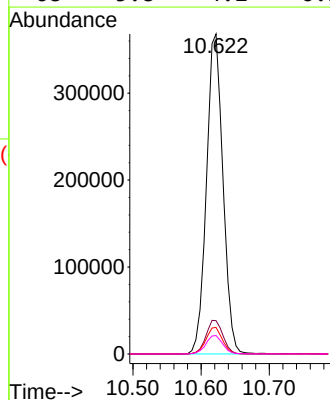
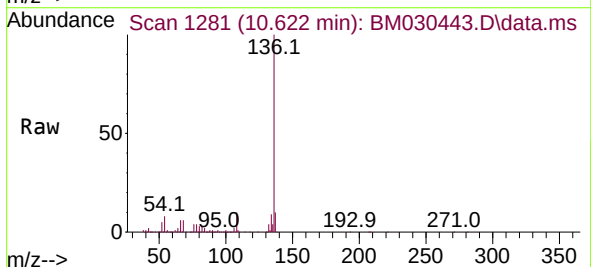
Instrument :
BNA_M
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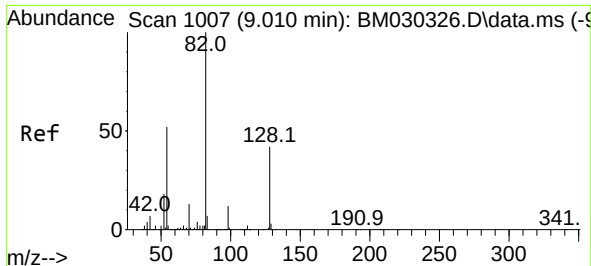
Tgt Ion: 99 Resp: 1512571
Ion Ratio Lower Upper
99 100
42 19.4 18.0 27.0
71 32.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion: 136 Resp: 620747
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.3 5.5 8.3#
68 5.8 4.2 6.2

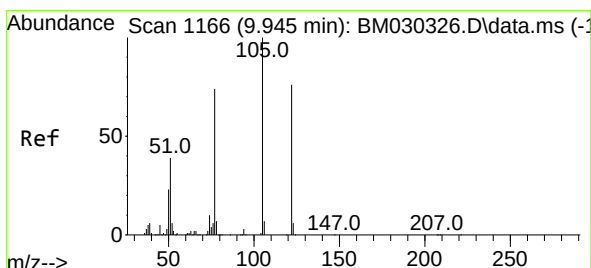
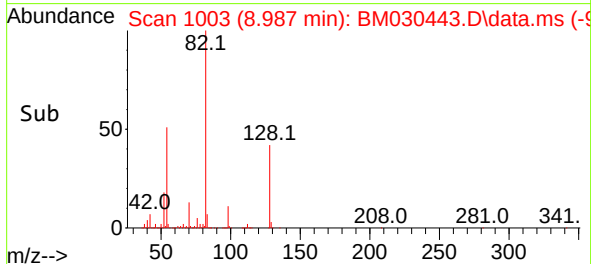
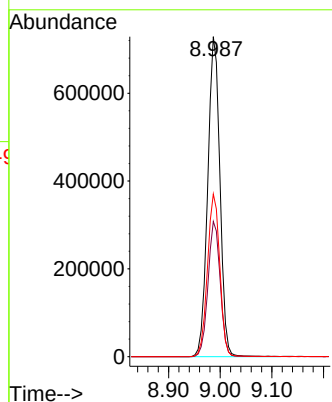
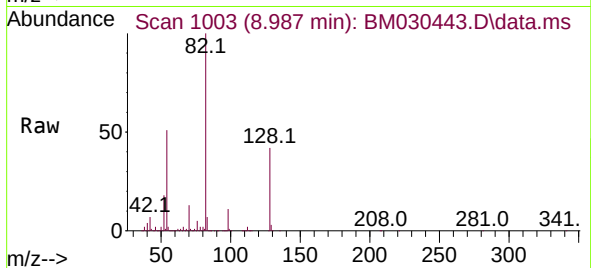




#23
Nitrobenzene-d5
Concen: 93.70 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

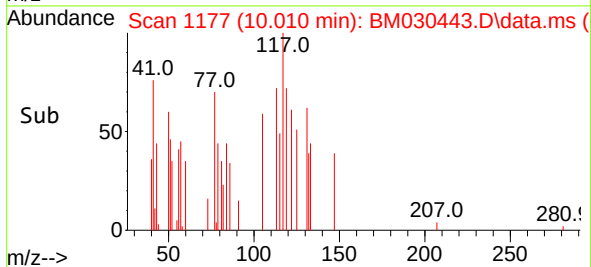
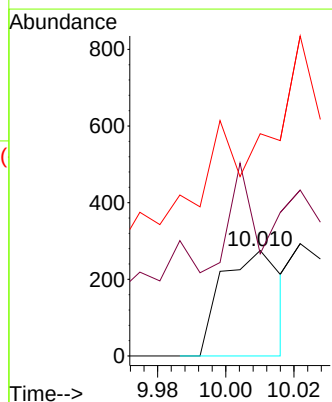
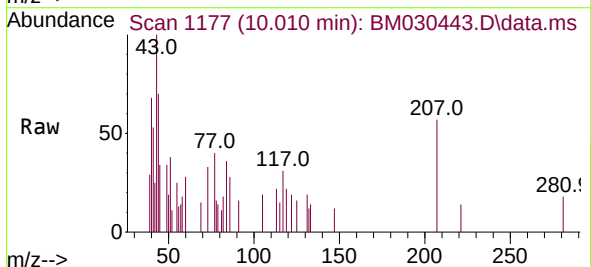
Instrument :
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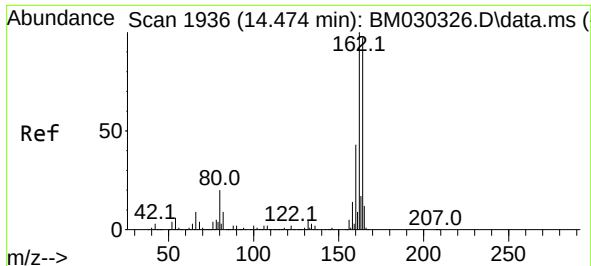
Tgt Ion: 82 Resp: 1193855
Ion Ratio Lower Upper
82 100
128 42.2 31.1 46.7
54 50.9 37.3 55.9



#32
Benzoic acid
Concen: 5.03 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.076 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:122 Resp: 330
Ion Ratio Lower Upper
122 100
105 97.1 107.3 147.3#
77 210.9 88.0 128.0#

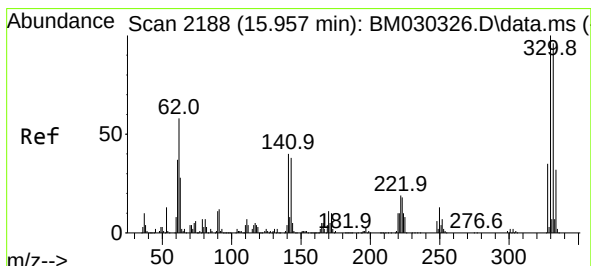
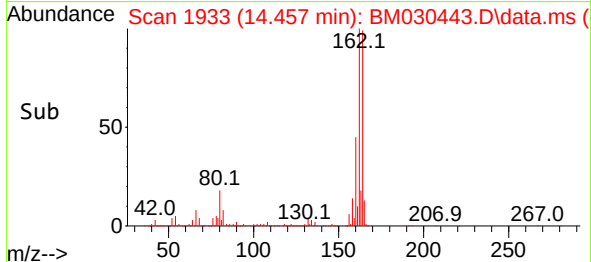
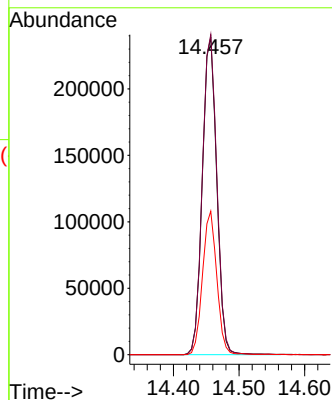
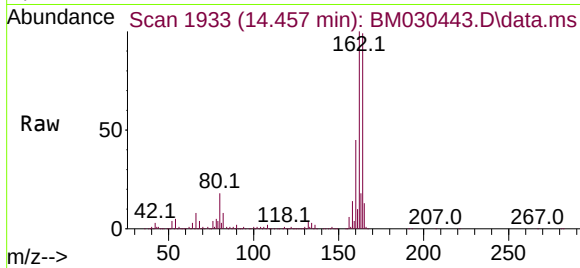




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

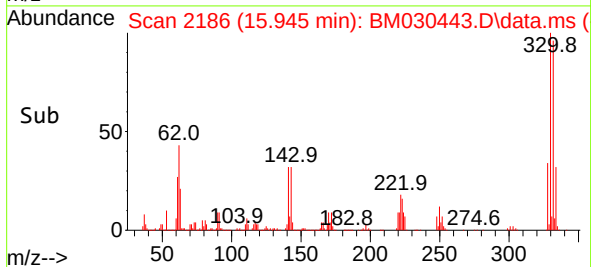
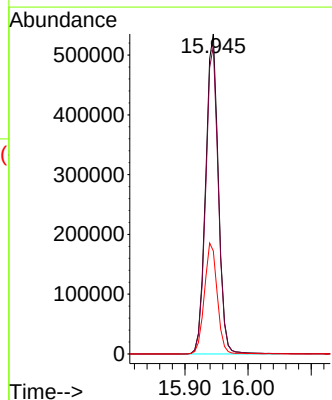
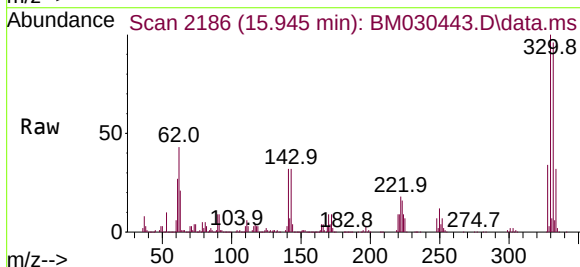
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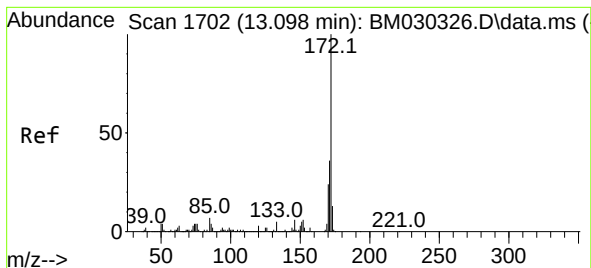
Tgt Ion:164 Resp: 366309
Ion Ratio Lower Upper
164 100
162 100.7 83.4 125.0
160 45.2 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 162.79 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:330 Resp: 749722
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 35.0 30.2 45.2

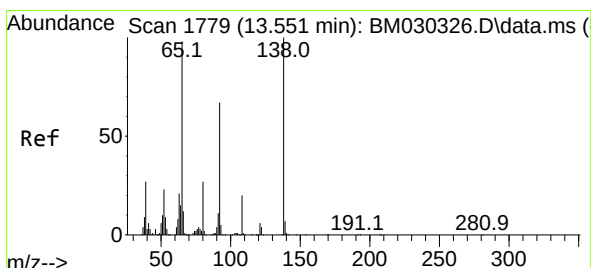
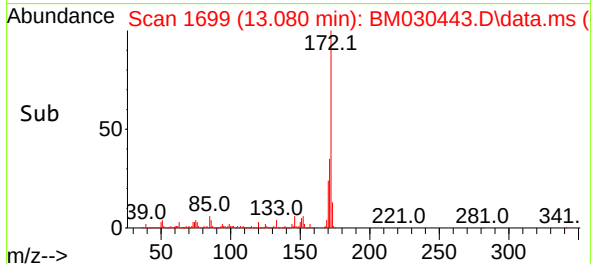
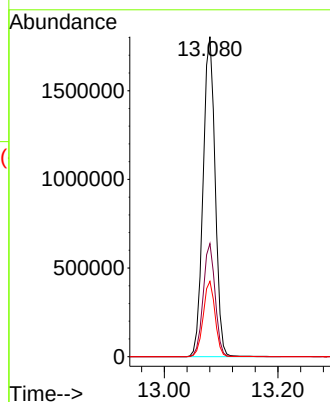
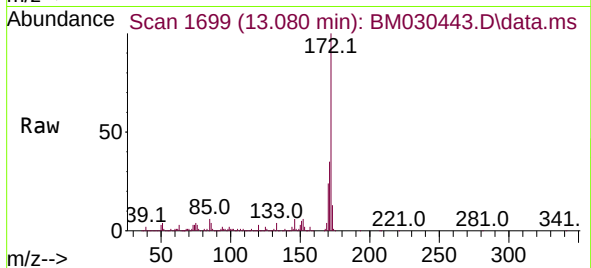




#45
2-Fluorobiphenyl
Concen: 95.45 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

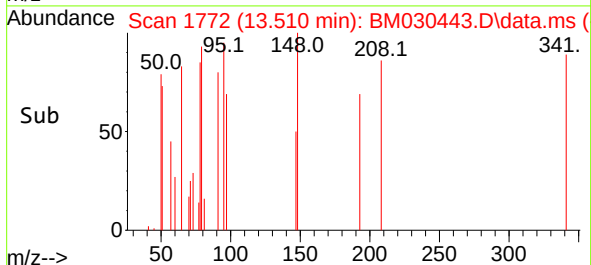
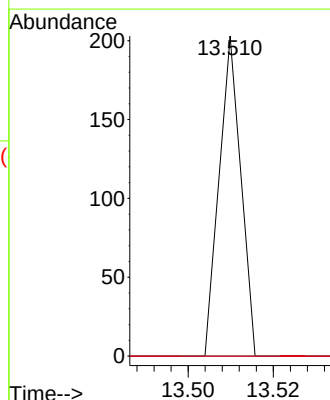
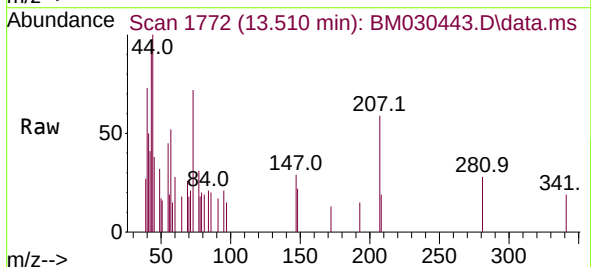
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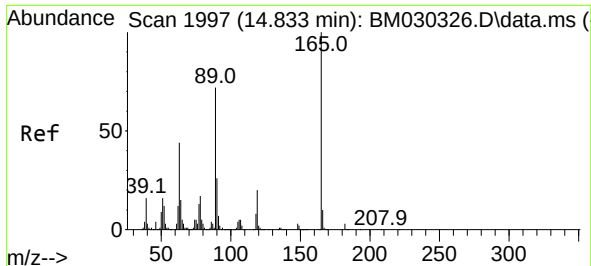
Tgt Ion:172 Resp: 2658718
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 18.4 27.6



#48
2-Nitroaniline
Concen: 4.03 ng
RT: 13.510 min Scan# 1772
Delta R.T. -0.029 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion: 65 Resp: 72
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

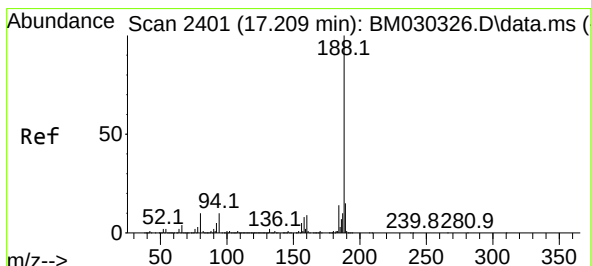
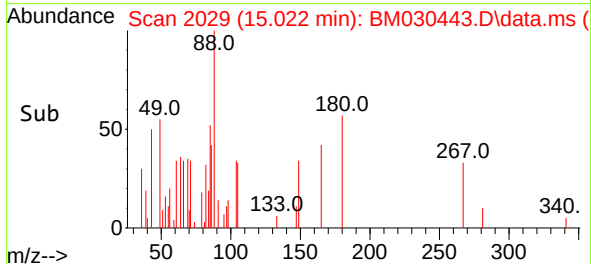
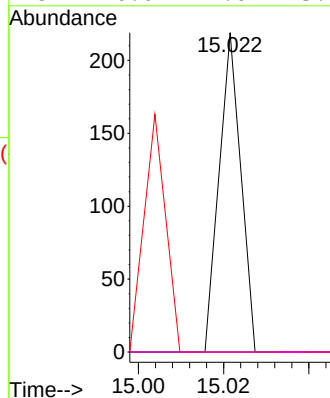
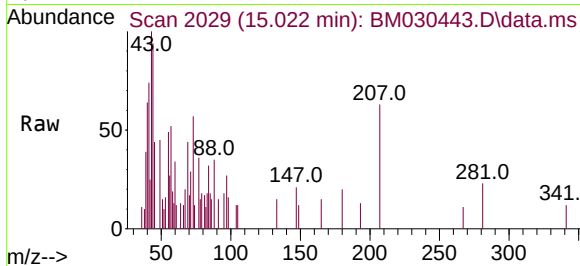




#57
2,4-Dinitrotoluene
Concen: 3.00 ng
RT: 15.022 min Scan# 2029
Delta R.T. 0.200 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

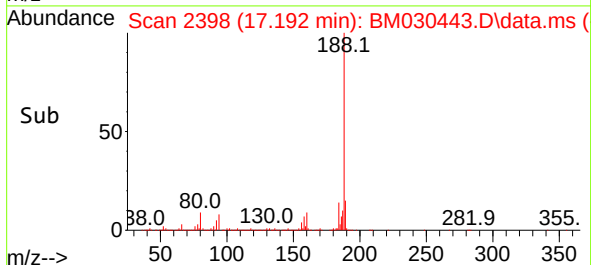
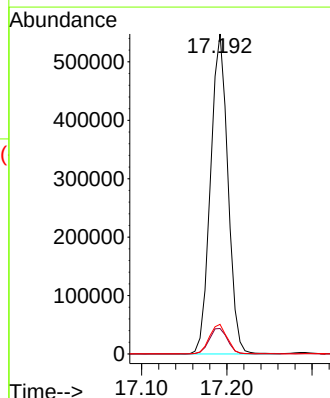
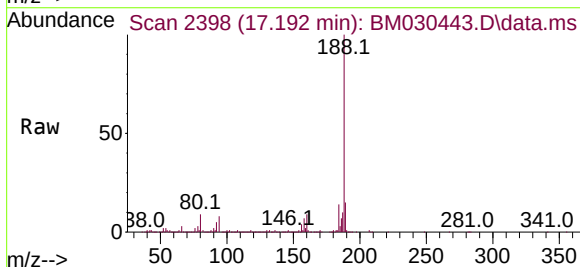
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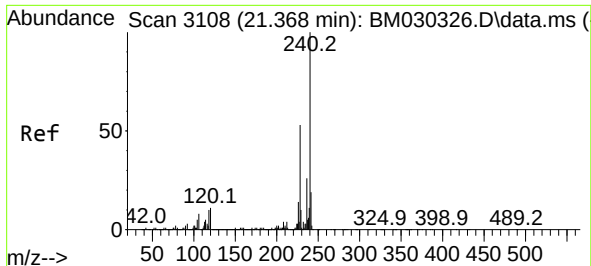
Tgt Ion:165	Resp:	77
Ion Ratio	Lower	Upper
165	100	
63	0.0	35.0 52.4#
89	0.0	55.2 82.8#
182	0.0	2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:188	Resp:	775716
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.0 9.0
80	9.3	6.6 9.8

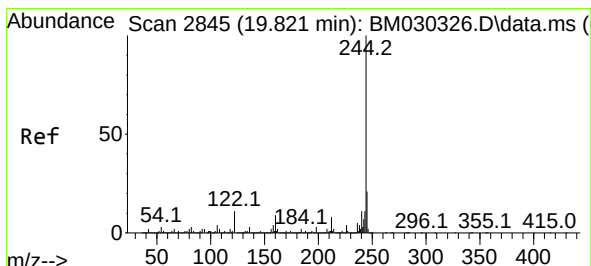
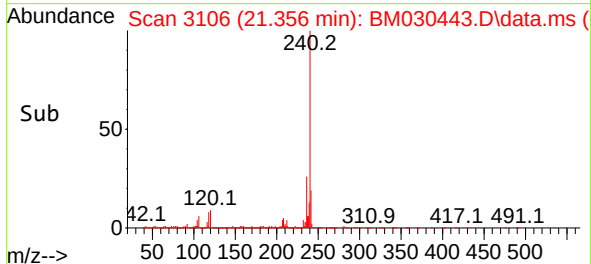
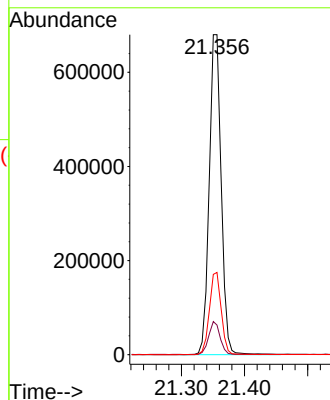
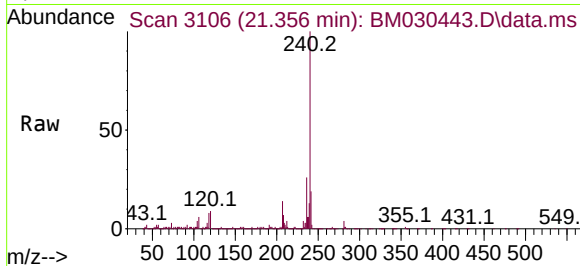




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.356 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

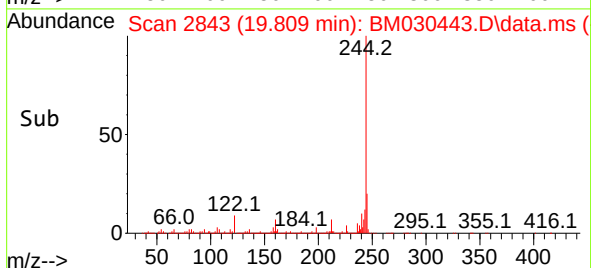
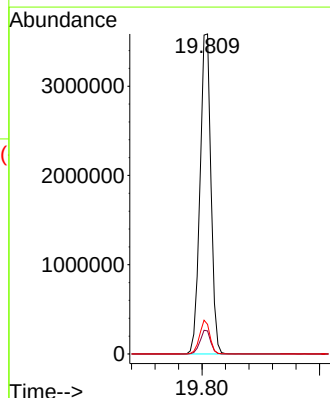
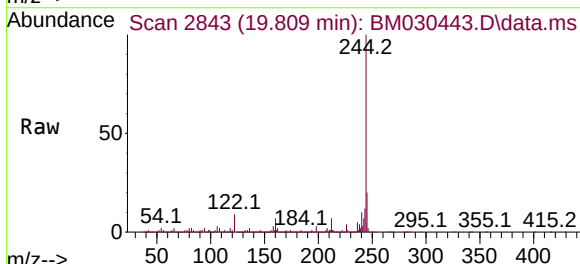
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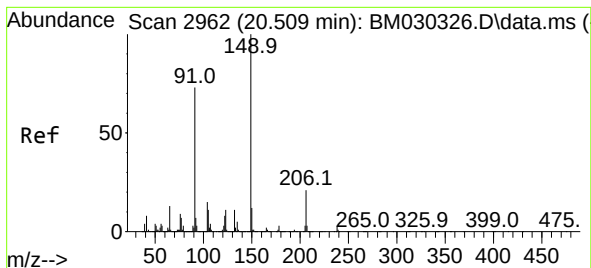
Tgt Ion:240 Resp: 892685
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 90.82 ng
RT: 19.809 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:244 Resp: 4615981
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 9.3 6.9 10.3

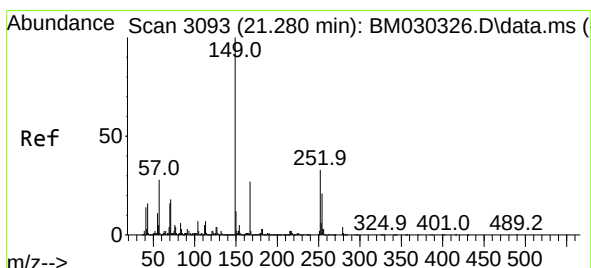
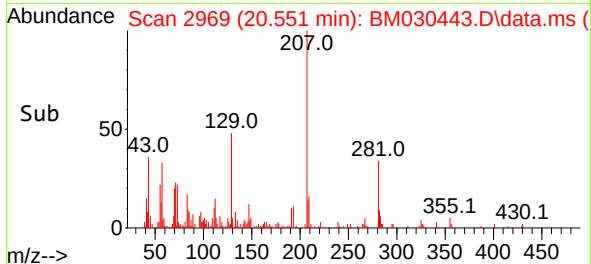
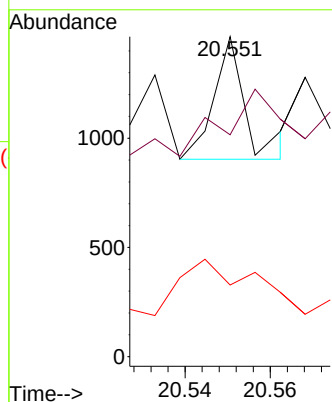
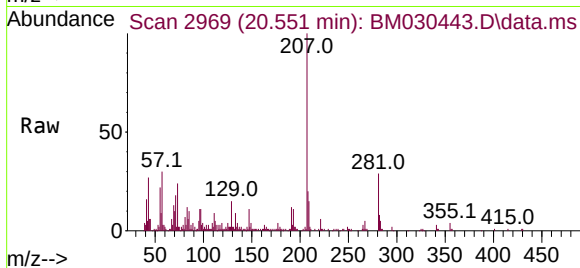




#80
Butylbenzylphthalate
Concen: 4.32 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.053 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

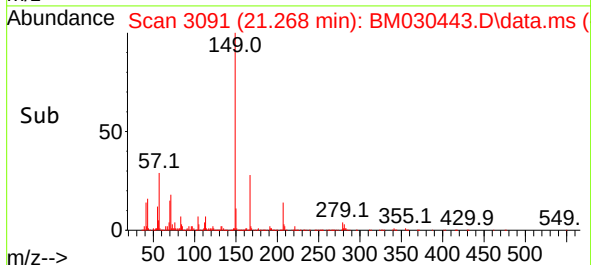
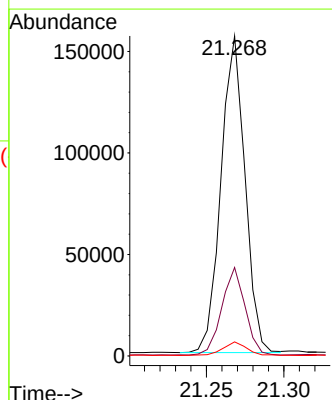
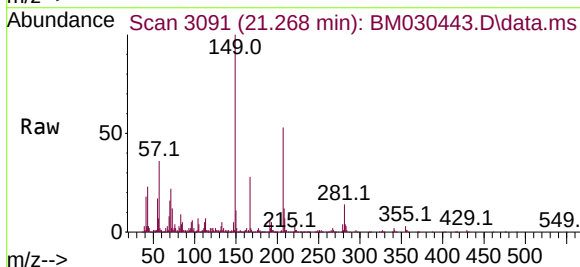
Instrument :
BNA_M
ClientSampleId :
CON-ED-EXCAVATION

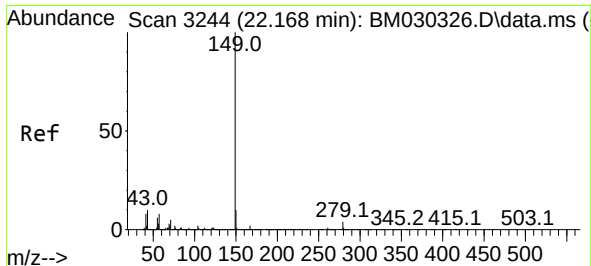
Tgt Ion:	149	Resp:	295
Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.4	86.0
206	22.4	16.6	25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.90 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:	149	Resp:	167675
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	33.8
279	4.4	3.8	5.8

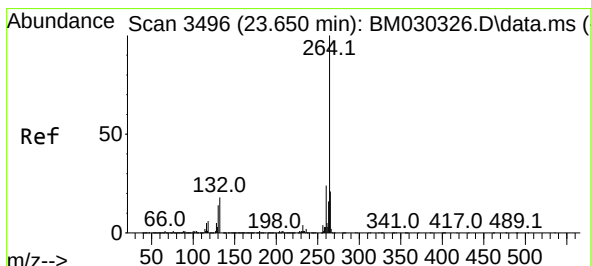
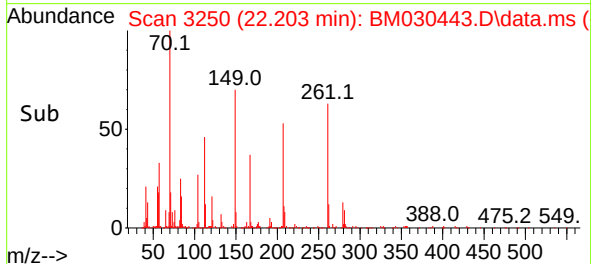
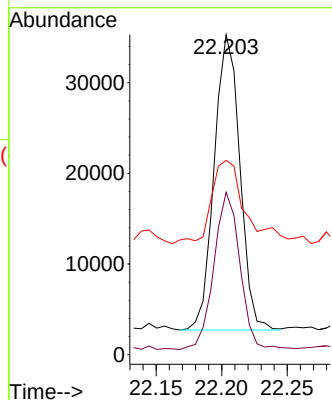
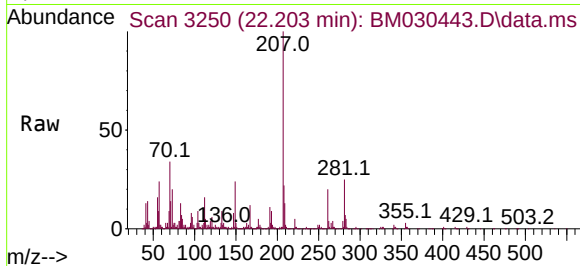




#85
Di-n-octyl phthalate
Concen: 4.79 ng
RT: 22.203 min Scan# 3250
Delta R.T. 0.047 min
Lab File: BM030443.D
Acq: 14 Jun 2021 19:00

Instrument :
BNA_M
ClientSampleId :
CON-ED-EXCAVATION

Tgt Ion:149 Resp: 44252
Ion Ratio Lower Upper
149 100
167 53.1 1.3 1.9#
43 37.9 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: BM030443.D
Acq: 14 Jun 2021 19:00

Tgt Ion:264 Resp: 984092
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 22.0 17.7 26.5

